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unit LCRCompiledCost;

//Autogenerated unit -
//Generated - 10/11/2023 9:13:16 AM
//Baseline Workbook - K:\SafewaterLCRI\Data\LCR_Baseline_v9.xlsx
//Found variables in workbook - 185
//Found costing steps - 301
//Baseline Workbook - K:\SafewaterLCRI\Data\LCRR_Baseline_v18.xlsx
//Found variables in workbook - 347
//Found costing steps - 847
//Option Workbook - K:\SafewaterLCRI\Data\Working_Option_v23.xlsx
//Found variables in workbook - 367
//Found costing steps - 790

interface

uses Math, SysUtils;

type
  TLSRValueStore = array[0..847] of double;
  TLRValueStoreFlag = array[0..847] of boolean;
  TLRCalcYearStore = array[0..100,0..847] of boolean;

  _VariablesRecBASELINELCR = record
    b_cct_study_install,b_cct_study_mod,

b_cct_study_rec_install,b_cct_study_rec_mod,b_findfix,b_install_cct,b_lslr_mand,b_modify_cct,

b_state_cct_treatment_install,b_state_cct_treatment_mod,b_state_two,cct_dssa_cost_p,
cct_dssa_cost_umra,cct_dssa_cost_umra_om,

cct_existing_cost,cct_install_cost,cct_install_cost_p,cct_install_cost_umra,cct_install_cost_umra_om,cct_modify_cost,

cct_modify_cost_p,cct_modify_cost_umra,cct_modify_cost_umra_om,cost_ale_other,cost_cct_study_dem,cost_cct_study_desk,

cost_commercial_lab,cost_commercial_lsl_plslr,cost_cust_lt,cost_cust_plslr,cost_ep_wqp_material,cost_ep_wqp_ortho_material,

cost_ep_wqp_ph_material,cost_incentive,cost_lab_lsl_plslr,cost_lab_lt_samp,cost_lab_ortho_wqp,cost_lab_ph_wqp,

cost_lab_wqp,cost_lab_wqp_ep,cost_lab_wqp_ortho_ep,cost_lab_wqp_ph_ep,cost_lcr_lslr_out,cost_lslr_samp,

cost_lslr_lsl_ccemg_vol_hh,cost_lslr_lsl_ccemg_vol_pws,cost_lslr_lsl_reg_vol_hh,cost_lslr_lsl_reg_vol_pws,cost_lt_samp,cost_ntncws_cust_lt,

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cost\_ntncws\_pe\_lcr\_delivery, cost\_pe\_lcr\_delivery, cost\_pe\_lead\_ale, cost\_pickup\_samp, cost\_pr, cost\_prior\_notif,

cost\_replaced\_lsl\_contact, cost\_revise\_cct, cost\_source, cost\_source\_analyze, cost\_source\_material, cost\_wqp\_analyze,

cost\_wqp\_analyze\_ep, cost\_wqp\_analyze\_ortho\_ep, cost\_wqp\_analyze\_ph\_ep, cost\_wqp\_material, cost\_wqp\_material\_ortho, cost\_wqp\_material\_ph,

cost\_wqp\_ortho\_analyze, cost\_wqp\_ph\_analyze, hh\_remain\_lsl, hrs\_ale\_consult\_js, hrs\_ale\_consult\_op, hrs\_ale\_lang\_js,

hrs\_ale\_other\_op, hrs\_analyze\_lsl\_plslr\_op, hrs\_analyze\_samp\_op, hrs\_annual\_lt\_js, hrs\_annual\_lt\_op, hrs\_cert\_cust\_lt\_js,

hrs\_cert\_cust\_lt\_op, hrs\_cert\_outreach\_annual\_js, hrs\_cert\_outreach\_annual\_op, hrs\_chng\_tap\_js, hrs\_chng\_tap\_op, hrs\_collect\_lsl\_plslr\_op,

hrs\_coop\_source\_chng\_red\_js, hrs\_coop\_source\_chng\_red\_op, hrs\_coop\_treat\_chng\_red\_js, hrs\_coop\_treat\_chng\_red\_op, hrs\_coord\_epa\_js, hrs\_discuss\_samp\_op,

hrs\_distr\_agencies\_pe\_op, hrs\_distr\_edu\_op, hrs\_ep\_wqp\_op, hrs\_ha\_op, hrs\_inform\_samp\_op, hrs\_lcr\_cct\_js,

hrs\_lcr\_lslr\_out\_deliv\_op, hrs\_lcr\_lslr\_out\_op, hrs\_lcr\_lslr\_prior\_op, hrs\_lcr\_study\_js, hrs\_ntncws\_distr\_edu\_op, hrs\_ntncws\_inform\_samp\_op,

hrs\_pe\_al\_devel\_op, hrs\_pe\_certify\_quarterly\_js, hrs\_pe\_certify\_quarterly\_op, hrs\_pickup\_samp\_op, hrs\_pr\_op, hrs\_prior\_notif\_op,

hrs\_renew\_nine\_js, hrs\_renew\_nine\_op, hrs\_replaced\_lsl\_contact\_op, hrs\_report\_lcr\_js, hrs\_report\_lcr\_op, hrs\_report\_plslr\_js,

hrs\_report\_plslr\_op, hrs\_report\_source\_op, hrs\_report\_wqp\_op, hrs\_reset\_owqp\_js, hrs\_review\_cct\_lead\_js, hrs\_samp\_invalid\_js,

hrs\_samp\_invalid\_op, hrs\_samp\_reject\_op, hrs\_samp\_volunt\_op, hrs\_sdwis\_js, hrs\_set\_owqp\_js, hrs\_source\_js,

hrs\_source\_op, hrs\_submit\_wq\_data\_op, hrs\_ta\_js, hrs\_train\_ann\_js, hrs\_web\_op, hrs\_wqp\_analyze\_dist\_op,

hrs\_wqp\_analyze\_ep\_op, hrs\_wqp\_analyze\_ortho\_ep\_op, hrs\_wqp\_analyze\_ortho\_op, hrs\_wqp\_analyze\_ph\_ep\_op, hrs\_wqp\_analyze\_ph\_op, hrs\_wqp\_js,

hrs\_wqp\_op, num\_lsl\_testout, num\_lslr\_lsl\_replace, num\_lslr\_partial\_replace, numb\_enhance\_wqp, numb\_ep,

numb\_ep\_wqp, numb\_ha, numb\_hh, numb\_lcr\_other\_org, numb\_reduced\_tap, numb\_reduced\_wqp,

numb\_samp\_customer,numb\_samp\_plslr,numb\_samp\_test,numb\_st\_sample,p\_copper\_ale,p\_demo\_study,  
 p\_incentive,p\_source\_chng,p\_tap\_annual,p\_tap\_nine,p\_tap\_triennial,p\_treat\_change,  
 p\_wqp\_all,p\_wqp\_annual,p\_wqp\_cond,p\_wqp\_six\_red,p\_wqp\_triennial,pbaseph,  
 pbasephpo4,pbasepo4,pp\_commercial\_samp,pp\_hh\_return\_samp,pp\_lab\_samp,pp\_lslr\_cap\_emerg,  
 pp\_samp\_invalid,pp\_samp\_reject,pws\_cct,pws\_first\_ale,pws\_gw,pws\_pop,  
 pws\_sw,rate\_js,rate\_op : double;  
  
 P\_b\_cct\_study\_install,P\_b\_cct\_study\_mod,  
  
 P\_b\_cct\_study\_rec\_install,P\_b\_cct\_study\_rec\_mod,P\_b\_findfix,P\_b\_install\_cct,P\_b\_lslr\_mand,P\_b\_modify\_cct,  
  
 P\_b\_state\_cct\_treatment\_install,P\_b\_state\_cct\_treatment\_mod,P\_b\_state\_two,P\_cct\_dssa\_cost\_p,P\_cct\_dssa\_cost\_umra,P\_cct\_dssa\_cost\_umra\_om,  
  
 P\_cct\_existing\_cost,P\_cct\_install\_cost,P\_cct\_install\_cost\_p,P\_cct\_install\_cost\_umra,P\_cct\_install\_cost\_umra\_om,P\_cct\_modify\_cost,  
  
 P\_cct\_modify\_cost\_p,P\_cct\_modify\_cost\_umra,P\_cct\_modify\_cost\_umra\_om,P\_cost\_ale\_other,P\_cost\_cct\_study\_dem,P\_cost\_cct\_study\_desk,  
  
 P\_cost\_commercial\_lab,P\_cost\_commercial\_lsl\_plslr,P\_cost\_cust\_lt,P\_cost\_cust\_plslr,P\_cost\_ep\_wqp\_material,P\_cost\_ep\_wqp\_ortho\_material,  
  
 P\_cost\_ep\_wqp\_ph\_material,P\_cost\_incentive,P\_cost\_lab\_lsl\_plslr,P\_cost\_lab\_lt\_samp,P\_cost\_lab\_ortho\_wqp,P\_cost\_lab\_ph\_wqp,  
  
 P\_cost\_lab\_wqp,P\_cost\_lab\_wqp\_ep,P\_cost\_lab\_wqp\_ortho\_ep,P\_cost\_lab\_wqp\_ph\_ep,P\_cost\_lcr\_lslr\_out,P\_cost\_lslr\_samp,  
  
 P\_cost\_lslr\_lsl\_ccemg\_vol\_hh,P\_cost\_lslr\_lsl\_ccemg\_vol\_pws,P\_cost\_lslr\_lsl\_reg\_vol\_hh,P\_cost\_lslr\_lsl\_reg\_vol\_pws,P\_cost\_lt\_samp,P\_cost\_ntncws\_cust\_lt,  
  
 P\_cost\_ntncws\_pe\_lcr\_delivery,P\_cost\_pe\_lcr\_delivery,P\_cost\_pe\_lead\_ale,P\_cost\_pickup\_samp,P\_cost\_pr,P\_cost\_prior\_notif,  
  
 P\_cost\_replaced\_lsl\_contact,P\_cost\_revise\_cct,P\_cost\_source,P\_cost\_source\_analyze,P\_cost\_source\_material,P\_cost\_wqp\_analyze,  
  
 P\_cost\_wqp\_analyze\_ep,P\_cost\_wqp\_analyze\_ortho\_ep,P\_cost\_wqp\_analyze\_ph\_ep,P\_cost\_wqp\_material,P\_cost\_wqp\_material\_ortho,P\_cost\_wqp\_material\_ph,  
  
 P\_cost\_wqp\_ortho\_analyze,P\_cost\_wqp\_ph\_analyze,P\_hh\_remain\_lsl,P\_hrs\_ale\_consult\_js,P\_hrs\_ale\_consult\_op,P\_hrs\_ale\_lang\_js,  
  
 P\_hrs\_ale\_other\_op,P\_hrs\_analyze\_lsl\_plslr\_op,P\_hrs\_analyze\_samp\_op,P\_hrs\_annual\_lt\_

js,P\_hrs\_annual\_lt\_op,P\_hrs\_cert\_cust\_lt\_js,  
 P\_hrs\_cert\_cust\_lt\_op,P\_hrs\_cert\_outreach\_annual\_js,P\_hrs\_cert\_outreach\_annual\_op,P\_hrs\_chng\_tap\_js,P\_hrs\_chng\_tap\_op,P\_hrs\_collect\_lsl\_plslr\_op,  
 P\_hrs\_coop\_source\_chng\_red\_js,P\_hrs\_coop\_source\_chng\_red\_op,P\_hrs\_coop\_treat\_chng\_red\_js,P\_hrs\_coop\_treat\_chng\_red\_op,P\_hrs\_coord\_epa\_js,P\_hrs\_discuss\_samp\_op,  
 P\_hrs\_distr\_agencies\_pe\_op,P\_hrs\_distr\_edu\_op,P\_hrs\_ep\_wqp\_op,P\_hrs\_ha\_op,P\_hrs\_inform\_samp\_op,P\_hrs\_lcr\_cct\_js,  
 P\_hrs\_lcr\_lslr\_out\_deliv\_op,P\_hrs\_lcr\_lslr\_out\_op,P\_hrs\_lcr\_lslr\_prior\_op,P\_hrs\_lcr\_study\_js,P\_hrs\_ntncws\_distr\_edu\_op,P\_hrs\_ntncws\_inform\_samp\_op,  
 P\_hrs\_pe\_al\_devel\_op,P\_hrs\_pe\_certify\_quarterly\_js,P\_hrs\_pe\_certify\_quarterly\_op,P\_hrs\_pickup\_samp\_op,P\_hrs\_pr\_op,P\_hrs\_prior\_notif\_op,  
 P\_hrs\_renew\_nine\_js,P\_hrs\_renew\_nine\_op,P\_hrs\_replaced\_lsl\_contact\_op,P\_hrs\_report\_lcr\_js,P\_hrs\_report\_lcr\_op,P\_hrs\_report\_plslr\_js,  
 P\_hrs\_report\_plslr\_op,P\_hrs\_report\_source\_op,P\_hrs\_report\_wqp\_op,P\_hrs\_reset\_owqp\_js,P\_hrs\_review\_cct\_lead\_js,P\_hrs\_samp\_invalid\_js,  
 P\_hrs\_samp\_invalid\_op,P\_hrs\_samp\_reject\_op,P\_hrs\_samp\_volunt\_op,P\_hrs\_sdwis\_js,P\_hrs\_set\_owqp\_js,P\_hrs\_source\_js,  
 P\_hrs\_source\_op,P\_hrs\_submit\_wq\_data\_op,P\_hrs\_ta\_js,P\_hrs\_train\_ann\_js,P\_hrs\_web\_op,P\_hrs\_wqp\_analyze\_dist\_op,  
 P\_hrs\_wqp\_analyze\_ep\_op,P\_hrs\_wqp\_analyze\_ortho\_ep\_op,P\_hrs\_wqp\_analyze\_ortho\_op,P\_hrs\_wqp\_analyze\_ph\_ep\_op,P\_hrs\_wqp\_analyze\_ph\_op,P\_hrs\_wqp\_js,  
 P\_hrs\_wqp\_op,P\_num\_lsl\_testout,P\_num\_lslr\_lsl\_replace,P\_num\_lslr\_partial\_replace,P\_num\_umb\_enhance\_wqp,P\_num\_umb\_ep,  
 P\_num\_umb\_ep\_wqp,P\_num\_umb\_ha,P\_num\_umb\_hh,P\_num\_umb\_lcr\_other\_org,P\_num\_umb\_reduced\_tap,P\_num\_umb\_reduced\_wqp,  
 P\_num\_umb\_samp\_customer,P\_num\_umb\_samp\_plslr,P\_num\_umb\_samp\_test,P\_num\_umb\_st\_sample,P\_p\_copper\_ale,P\_p\_demo\_study,  
 P\_p\_incentive,P\_p\_source\_chng,P\_p\_tap\_annual,P\_p\_tap\_nine,P\_p\_tap\_triennial,P\_p\_treat\_change,  
 P\_p\_wqp\_all,P\_p\_wqp\_annual,P\_p\_wqp\_cond,P\_p\_wqp\_six\_red,P\_p\_wqp\_triennial,P\_pbaseph,P\_pbasephpo4,P\_pbasepo4,P\_pp\_commercial\_samp,P\_pp\_hh\_return\_samp,P\_pp\_lab\_samp,P\_pp\_lslr\_cap\_emerg,  
 P\_pp\_samp\_invalid,P\_pp\_samp\_reject,P\_pws\_cct,P\_pws\_first\_ale,P\_pws\_gw,P\_pws\_pop,P\_pws\_sw,P\_rate\_js,P\_rate\_op : pdouble;

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end;

_VariablesRecBASELINELCRR = record
    annual_pou_cost_hh,b_cct_study_install,

b_cct_study_mod_al,b_cct_study_mod_tl,b_dssa,b_install_cct,b_install_pou,b_lslr_mand
,

b_lslr_requested,b_lslr_study,b_lslr_vol,b_modify_cct,b_modify_cct_al,b_modify_cct_t
l,

b_pou_study,b_state_cct_treatment_mod_al,b_state_cct_treatment_mod_tl,b_state_one,b_
state_two,cct_dssa_cost,

cct_dssa_cost_p,cct_dssa_cost_umra,cct_dssa_cost_umra_om,cct_existing_cost,cct_insta
ll_cost,cct_install_cost_p,

cct_install_cost_umra,cct_install_cost_umra_om,cct_modify_cost,cct_modify_cost_p,cct
_modify_cost_umra,cct_modify_cost_umra_om,

cost_5_commercial_lab,cost_5_lt_samp,cost_ale_other,cost_annual_report_school_dist,c
ost_cct_study_dem,cost_collect_samp_school,

cost_commercial_lab,cost_commercial_lsl_lslr,cost_cust_lslr,cost_cust_lt,cost_ep_wqp
_material,cost_ep_wqp_ortho_material,

cost_ep_wqp_ph_material,cost_fail_hh,cost_fail_sys,cost_filter_hh,cost_hc,cost_hh_re
quest,

cost_incentive,cost_inform_samp_pe_school,cost_lab_lsl_lslr,cost_lab_lt_samp,cost_la
b_ortho_wqp,cost_lab_ph_wqp,

cost_lab_wqp,cost_lab_wqp_ep,cost_lab_wqp_ortho_ep,cost_lab_wqp_ph_ep,cost_lslr_gal
_prev_lsl_ccemg_pws,cost_lslr_gal_prev_lsl_reg_pws,

cost_lslr_lsl_ccemg_mand_pws,cost_lslr_lsl_ccemg_vol_hh,cost_lslr_lsl_ccemg_vol_pws,
cost_lslr_lsl_reg_mand_pws,cost_lslr_lsl_reg_vol_hh,cost_lslr_lsl_reg_vol_pws,

cost_lslr_out,cost_lslr_partial_reg_pws,cost_ntncws_cust_lslr,cost_ntncws_cust_lt,co
st_ntncws_distr_pe_pou,cost_ntncws_pe_lcr_delivery,

cost_ntncws_pe_lsl_gen,cost_other_lt_samp,cost_other_request,cost_pe_lcr_delivery,co
st_pe_lead_ale,cost_pe_lsl_gen,

cost_pickup_samp,cost_pou_samp,cost_pr,cost_print_pe_pou,cost_pub_deliv_wtr_ed,cost_
replaced_lsl_contact,

cost_revise_cct,cost_samp_above_al,cost_school_annual_contact,cost_school_letter,cos
t_source,cost_source_analyze,

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cost\_source\_material,cost\_travel\_samp\_school,cost\_update,cost\_walkthrough\_school,cost\_wqp\_analyze,cost\_wqp\_analyze\_ep,

cost\_wqp\_analyze\_ortho\_ep,cost\_wqp\_analyze\_ph\_ep,cost\_wqp\_material,cost\_wqp\_material\_ortho,cost\_wqp\_material\_ph,cost\_wqp\_ortho\_analyze,

cost\_wqp\_ph\_analyze,fail\_nm1,fail\_nm2,hh\_remain\_lsl,hh\_unknown\_remain,hrs\_access\_lsl\_op,

hrs\_add\_lsl\_samp\_op,hrs\_adopt\_rule\_js,hrs\_ale\_consult\_js,hrs\_ale\_consult\_op,hrs\_ale\_lang\_js,hrs\_ale\_other\_op,

hrs\_analyze\_lsl\_lslr\_op,hrs\_analyze\_samp\_op,hrs\_annual\_lt\_js,hrs\_annual\_lt\_op,hrs\_annual\_report\_school\_js,hrs\_annual\_report\_school\_prepare\_op,

hrs\_cct\_review\_js,hrs\_cert\_cust\_lt\_js,hrs\_cert\_cust\_lt\_op,hrs\_cert\_outreach\_annual\_js,hrs\_cert\_outreach\_annual\_op,hrs\_childcare\_call\_op,

hrs\_chng\_tap\_js,hrs\_chng\_tap\_op,hrs\_collect\_lsl\_lslr\_op,hrs\_collect\_samp\_school\_op,hrs\_consult\_dssa\_js,hrs\_consult\_dssa\_op,

hrs\_consult\_fail\_js,hrs\_consult\_fail\_op,hrs\_coop\_source\_chng\_red\_js,hrs\_coop\_source\_chng\_red\_op,hrs\_coop\_source\_chng\_rout\_js,hrs\_coop\_source\_chng\_rout\_op,

hrs\_coop\_treat\_chng\_red\_js,hrs\_coop\_treat\_chng\_red\_op,hrs\_coop\_treat\_chng\_rout\_js,hrs\_coop\_treat\_chng\_rout\_op,hrs\_coord\_epa\_js,hrs\_cust\_plan\_op,

hrs\_deter\_dssa\_op,hrs\_devel\_pe\_school\_op,hrs\_devel\_samp\_op,hrs\_discuss\_samp\_op,hrs\_dist\_lslr\_out\_op,hrs\_distr\_agencies\_pe\_op,

hrs\_distr\_edu\_op,hrs\_ep\_wqp\_op,hrs\_fail\_hh\_op,hrs\_fail\_sys\_op,hrs\_fin\_op\_op,hrs\_ha\_op,

hrs\_hc\_js,hrs\_hc\_list\_op,hrs\_hc\_op,hrs\_hh\_request\_op,hrs\_inform\_samp\_op,hrs\_inform\_samp\_pe\_school\_op,

hrs\_initial\_ta\_js,hrs\_initial\_tap\_confer\_op,hrs\_initial\_tap\_rev\_js,hrs\_inv\_update\_rev\_js,hrs\_lslr\_out\_op,hrs\_lslr\_plan\_js,

hrs\_lslr\_plan\_op,hrs\_maint\_lsl\_op,hrs\_modify\_ds\_js,hrs\_nolsl\_op,hrs\_ntncws\_cust\_lslr\_op,hrs\_ntncws\_distr\_edu\_op,

hrs\_ntncws\_distr\_pe\_pou\_op,hrs\_ntncws\_inform\_samp\_op,hrs\_ntncws\_pe\_lsl\_gen\_dist\_op,hrs\_other\_request\_op,hrs\_pe\_al\_devel\_op,hrs\_pe\_certify\_quarterly\_js,

hrs\_pe\_certify\_quarterly\_op,hrs\_pe\_lsl\_gen\_develop\_op,hrs\_pe\_lsl\_gen\_dist\_op,hrs\_pe\_lsl\_gen\_temp\_js,hrs\_pe\_lsl\_rev\_js,hrs\_pe\_pou\_op,

hrs\_pickup\_samp\_op,hrs\_pou\_plan\_dev\_op,hrs\_pou\_plan\_rev\_js,hrs\_pou\_report\_ann\_prep\_op,hrs\_pou\_report\_ann\_rev\_js,hrs\_pr\_op,

hrs\_print\_pe\_pou\_op,hrs\_pub\_access\_op,hrs\_pub\_deliv\_wtr\_op,hrs\_pub\_devel\_hc\_op,hrs\_p  
ub\_devel\_wtr\_op,hrs\_pub\_rev\_hc\_js,

hrs\_pub\_temp\_hc\_js,hrs\_renew\_nine\_js,hrs\_renew\_nine\_op,hrs\_replaced\_lsl\_contact\_op,h  
rs\_report\_dssa\_js,hrs\_report\_dssa\_op,

hrs\_report\_inv\_op,hrs\_report\_lcr\_js,hrs\_report\_lcr\_op,hrs\_report\_source\_op,hrs\_repor  
t\_updated\_initial\_inv\_op,hrs\_report\_wqp\_op,

hrs\_reset\_owqp\_js,hrs\_result\_discuss\_op,hrs\_rev\_cct\_op,hrs\_rev\_nolsl\_js,hrs\_rev\_samp  
\_js,hrs\_rev\_samp\_plan\_js,

hrs\_rev\_school\_info\_js,hrs\_rev\_school\_list\_js,hrs\_review\_cct\_study\_lead\_js,hrs\_revie  
w\_pe\_pou\_js,hrs\_review\_targeted\_pe\_js,hrs\_review\_wtr\_pe\_js,

hrs\_samp\_above\_al\_op,hrs\_samp\_invalid\_js,hrs\_samp\_invalid\_op,hrs\_samp\_notice\_js,hrs\_  
samp\_notice\_op,hrs\_samp\_reject\_op,

hrs\_samp\_volunt\_op,hrs\_samp\_volunt\_pou\_op,hrs\_sanit\_surv\_js,hrs\_sanit\_surv\_op,hrs\_sc  
hool\_annual\_contact\_op,hrs\_school\_call\_op,

hrs\_school\_coor\_sample\_op,hrs\_school\_help\_op,hrs\_school\_identify\_op,hrs\_school\_lette  
r\_op,hrs\_sdwis\_js,hrs\_set\_owqp\_js,

hrs\_sm\_flex\_option\_js,hrs\_sm\_flex\_option\_op,hrs\_source\_js,hrs\_source\_op,hrs\_ta\_js,hr  
s\_temp\_ccr\_js,

hrs\_temp\_lslr\_out\_js,hrs\_temp\_pou\_js,hrs\_temp\_school\_js,hrs\_train\_ann\_js,hrs\_train\_i  
mp\_js,hrs\_travel\_samp\_school\_op,

hrs\_update\_ccr\_op,hrs\_updated\_initial\_inv\_rev\_js,hrs\_walkthrough\_school\_op,hrs\_web\_o  
p,hrs\_wqp\_analyze\_dist\_op,hrs\_wqp\_analyze\_ep\_op,

hrs\_wqp\_analyze\_ortho\_ep\_op,hrs\_wqp\_analyze\_ortho\_op,hrs\_wqp\_analyze\_ph\_ep\_op,hrs\_wq  
p\_analyze\_ph\_op,hrs\_wqp\_dssa\_op,hrs\_wqp\_js,

hrs\_wqp\_op,meet\_lslr\_goal,num\_lsl\_replace,num\_lsl\_requested,num\_lslr\_gal\_prev\_lsl\_re  
place,num\_lslr\_lsl\_replace,

num\_lslr\_partial\_replace,num\_lslr\_replace,num\_unknown\_resolved,numb\_daycares,numb\_el  
em\_schools\_priv,numb\_elem\_schools\_pub,  
numb\_enhance\_wqp,numb\_ep,numb\_ep\_wqp,numb\_ha,numb\_hh,numb\_lcr\_other\_org,

numb\_other\_request,numb\_pou,numb\_reduced\_tap,numb\_reduced\_wqp,numb\_samp\_customer,num  
b\_samp\_five,

numb\_samp\_lslr,numb\_samp\_two,numb\_second\_schools\_priv,numb\_second\_schools\_pub,numb\_s  
t\_sample,numb\_wqp\_sites\_added,

numb\_wqp\_sites\_added\_prev,p\_copper\_ale,p\_incentive,p\_inventory,p\_source\_chng,p\_source\_sig,  
 p\_spec\_req,p\_tap\_annual,p\_tap\_nine,p\_tap\_triennial,p\_treat\_change,p\_wqp\_all,  
 p\_wqp\_annual,p\_wqp\_cond,p\_wqp\_six\_red,p\_wqp\_triennial,pbaseph,pbasephpo4,  
 pbasepo4,perc\_hh\_water\_wrk,pp\_above\_al\_bin\_one,pp\_above\_al\_bin\_three,pp\_above\_al\_bin\_two,pp\_childcare\_mand\_waiver,  
 pp\_childcare\_onreq\_waiver,pp\_commercial\_samp,pp\_commercial\_samp\_school,pp\_hh\_request\_lslr,pp\_hh\_return\_samp,pp\_lab\_samp,  
 pp\_lab\_samp\_school,pp\_lslr\_cap\_emerg,pp\_mand\_twenty\_partic,pp\_priv\_elem\_mand\_waiver,pp\_priv\_elem\_onreq\_waiver,pp\_priv\_second\_onreq1\_waiver,  
 pp\_priv\_second\_onreq2\_waiver,pp\_pub\_elem\_mand\_waiver,pp\_pub\_elem\_onreq\_waiver,pp\_pub\_second\_onreq1\_waiver,pp\_pub\_second\_onreq2\_waiver,pp\_samp\_invalid,  
 pp\_samp\_reject,pp\_voluntary\_partic,pws\_cct,pws\_lsl,pws\_pop,rate\_js,rate\_op,school\_3a,system\_pou : double;  
 P\_annual\_pou\_cost\_hh,P\_b\_cct\_study\_install,  
 P\_b\_cct\_study\_mod\_al,P\_b\_cct\_study\_mod\_tl,P\_b\_dssa,P\_b\_install\_cct,P\_b\_install\_pou,P\_b\_lslr\_mand,  
 P\_b\_lslr\_requested,P\_b\_lslr\_study,P\_b\_lslr\_vol,P\_b\_modify\_cct,P\_b\_modify\_cct\_al,P\_b\_modify\_cct\_tl,  
 P\_b\_pou\_study,P\_b\_state\_cct\_treatment\_mod\_al,P\_b\_state\_cct\_treatment\_mod\_tl,P\_b\_state\_one,P\_b\_state\_two,P\_cct\_dssa\_cost,  
 P\_cct\_dssa\_cost\_p,P\_cct\_dssa\_cost\_umra,P\_cct\_dssa\_cost\_umra\_om,P\_cct\_existing\_cost,P\_cct\_install\_cost,P\_cct\_install\_cost\_p,  
 P\_cct\_install\_cost\_umra,P\_cct\_install\_cost\_umra\_om,P\_cct\_modify\_cost,P\_cct\_modify\_cost\_p,P\_cct\_modify\_cost\_umra,P\_cct\_modify\_cost\_umra\_om,  
 P\_cost\_5\_commercial\_lab,P\_cost\_5\_lt\_samp,P\_cost\_ale\_other,P\_cost\_annual\_report\_school\_dist,P\_cost\_cct\_study\_dem,P\_cost\_collect\_samp\_school,  
 P\_cost\_commercial\_lab,P\_cost\_commercial\_lsl\_lslr,P\_cost\_cust\_lslr,P\_cost\_cust\_lt,P\_cost\_ep\_wqp\_material,P\_cost\_ep\_wqp\_ortho\_material,  
 P\_cost\_ep\_wqp\_ph\_material,P\_cost\_fail\_hh,P\_cost\_fail\_sys,P\_cost\_filter\_hh,P\_cost\_hc,P\_cost\_hh\_request,  
 P\_cost\_incentive,P\_cost\_inform\_samp\_pe\_school,P\_cost\_lab\_lsl\_lslr,P\_cost\_lab\_lt\_samp,P\_cost\_lab\_ortho\_wqp,P\_cost\_lab\_ph\_wqp,  
 P\_cost\_lab\_wqp,P\_cost\_lab\_wqp\_ep,P\_cost\_lab\_wqp\_ortho\_ep,P\_cost\_lab\_wqp\_ph\_ep,P\_cost\_lslr\_gal\_prev\_lsl\_ccemg\_pws,P\_cost\_lslr\_gal\_prev\_lsl\_reg\_pws,



P\_cost\_lslr\_lsl\_ccemg\_mand\_pws,P\_cost\_lslr\_lsl\_ccemg\_vol\_hh,P\_cost\_lslr\_lsl\_ccemg\_vol\_pws,P\_cost\_lslr\_lsl\_reg\_mand\_pws,P\_cost\_lslr\_lsl\_reg\_vol\_hh,P\_cost\_lslr\_lsl\_reg\_vol\_pws,

P\_cost\_lslr\_out,P\_cost\_lslr\_partial\_reg\_pws,P\_cost\_ntncws\_cust\_lslr,P\_cost\_ntncws\_cust\_lt,P\_cost\_ntncws\_distr\_pe\_pou,P\_cost\_ntncws\_pe\_lcr\_delivery,

P\_cost\_ntncws\_pe\_lsl\_gen,P\_cost\_other\_lt\_samp,P\_cost\_other\_request,P\_cost\_pe\_lcr\_delivery,P\_cost\_pe\_lead\_ale,P\_cost\_pe\_lsl\_gen,

P\_cost\_pickup\_samp,P\_cost\_pou\_samp,P\_cost\_pr,P\_cost\_print\_pe\_pou,P\_cost\_pub\_deliv\_wtr\_red,P\_cost\_replaced\_lsl\_contact,

P\_cost\_revise\_cct,P\_cost\_samp\_above\_al,P\_cost\_school\_annual\_contact,P\_cost\_school\_letter,P\_cost\_source,P\_cost\_source\_analyze,

P\_cost\_source\_material,P\_cost\_travel\_samp\_school,P\_cost\_update,P\_cost\_walkthrough\_school,P\_cost\_wqp\_analyze,P\_cost\_wqp\_analyze\_ep,

P\_cost\_wqp\_analyze\_ortho\_ep,P\_cost\_wqp\_analyze\_ph\_ep,P\_cost\_wqp\_material,P\_cost\_wqp\_material\_ortho,P\_cost\_wqp\_material\_ph,P\_cost\_wqp\_ortho\_analyze,

P\_cost\_wqp\_ph\_analyze,P\_fail\_nm1,P\_fail\_nm2,P\_hh\_remain\_lsl,P\_hh\_unknown\_remain,P\_hrs\_access\_lsl\_op,

P\_hrs\_add\_lsl\_samp\_op,P\_hrs\_adopt\_rule\_js,P\_hrs\_ale\_consult\_js,P\_hrs\_ale\_consult\_op,P\_hrs\_ale\_lang\_js,P\_hrs\_ale\_other\_op,

P\_hrs\_analyze\_lsl\_lslr\_op,P\_hrs\_analyze\_samp\_op,P\_hrs\_annual\_lt\_js,P\_hrs\_annual\_lt\_op,P\_hrs\_annual\_report\_school\_js,P\_hrs\_annual\_report\_school\_prepare\_op,

P\_hrs\_cct\_review\_js,P\_hrs\_cert\_cust\_lt\_js,P\_hrs\_cert\_cust\_lt\_op,P\_hrs\_cert\_outreach\_annual\_js,P\_hrs\_cert\_outreach\_annual\_op,P\_hrs\_childcare\_call\_op,

P\_hrs\_chng\_tap\_js,P\_hrs\_chng\_tap\_op,P\_hrs\_collect\_lsl\_lslr\_op,P\_hrs\_collect\_samp\_school\_op,P\_hrs\_consult\_dssa\_js,P\_hrs\_consult\_dssa\_op,

P\_hrs\_consult\_fail\_js,P\_hrs\_consult\_fail\_op,P\_hrs\_coop\_source\_chng\_red\_js,P\_hrs\_coop\_source\_chng\_red\_op,P\_hrs\_coop\_source\_chng\_rout\_js,P\_hrs\_coop\_source\_chng\_rout\_op,

P\_hrs\_coop\_treat\_chng\_red\_js,P\_hrs\_coop\_treat\_chng\_red\_op,P\_hrs\_coop\_treat\_chng\_rout\_js,P\_hrs\_coop\_treat\_chng\_rout\_op,P\_hrs\_coord\_epa\_js,P\_hrs\_cust\_plan\_op,

P\_hrs\_deter\_dssa\_op,P\_hrs\_devel\_pe\_school\_op,P\_hrs\_devel\_samp\_op,P\_hrs\_discuss\_samp\_op,P\_hrs\_dist\_lslr\_out\_op,P\_hrs\_distr\_agencies\_pe\_op,

P\_hrs\_distr\_edu\_op,P\_hrs\_ep\_wqp\_op,P\_hrs\_fail\_hh\_op,P\_hrs\_fail\_sys\_op,P\_hrs\_fin\_op\_op,P\_hrs\_ha\_op,

P\_hrs\_hc\_js,P\_hrs\_hc\_list\_op,P\_hrs\_hc\_op,P\_hrs\_hh\_request\_op,P\_hrs\_inform\_samp\_op,P\_hrs\_inform\_samp\_pe\_school\_op,

P\_hrs\_initial\_ta\_js,P\_hrs\_initial\_tap\_confer\_op,P\_hrs\_initial\_tap\_rev\_js,P\_hrs\_inv\_update\_rev\_js,P\_hrs\_lslr\_out\_op,P\_hrs\_lslr\_plan\_js,

P\_hrs\_lslr\_plan\_op,P\_hrs\_maint\_lsl\_op,P\_hrs\_modify\_ds\_js,P\_hrs\_nolsl\_op,P\_hrs\_ntncws\_cust\_lslr\_op,P\_hrs\_ntncws\_distr\_edu\_op,

P\_hrs\_ntncws\_distr\_pe\_pou\_op,P\_hrs\_ntncws\_inform\_samp\_op,P\_hrs\_ntncws\_pe\_lsl\_gen\_dist\_op,P\_hrs\_other\_request\_op,P\_hrs\_pe\_al\_devel\_op,P\_hrs\_pe\_certify\_quarterly\_js,

P\_hrs\_pe\_certify\_quarterly\_op,P\_hrs\_pe\_lsl\_gen\_develop\_op,P\_hrs\_pe\_lsl\_gen\_dist\_op,P\_hrs\_pe\_lsl\_gen\_temp\_js,P\_hrs\_pe\_lsl\_rev\_js,P\_hrs\_pe\_pou\_op,

P\_hrs\_pickup\_samp\_op,P\_hrs\_pou\_plan\_dev\_op,P\_hrs\_pou\_plan\_rev\_js,P\_hrs\_pou\_report\_ann\_prep\_op,P\_hrs\_pou\_report\_ann\_rev\_js,P\_hrs\_pr\_op,

P\_hrs\_print\_pe\_pou\_op,P\_hrs\_pub\_access\_op,P\_hrs\_pub\_deliv\_wtr\_op,P\_hrs\_pub\_devel\_hc\_op,P\_hrs\_pub\_devel\_wtr\_op,P\_hrs\_pub\_rev\_hc\_js,

P\_hrs\_pub\_temp\_hc\_js,P\_hrs\_renew\_nine\_js,P\_hrs\_renew\_nine\_op,P\_hrs\_replaced\_lsl\_contact\_op,P\_hrs\_report\_dssa\_js,P\_hrs\_report\_dssa\_op,

P\_hrs\_report\_inv\_op,P\_hrs\_report\_lcr\_js,P\_hrs\_report\_lcr\_op,P\_hrs\_report\_source\_op,P\_hrs\_report\_updated\_initial\_inv\_op,P\_hrs\_report\_wqp\_op,

P\_hrs\_reset\_owqp\_js,P\_hrs\_result\_discuss\_op,P\_hrs\_rev\_cct\_op,P\_hrs\_rev\_nolsl\_js,P\_hrs\_rev\_samp\_js,P\_hrs\_rev\_samp\_plan\_js,

P\_hrs\_rev\_school\_info\_js,P\_hrs\_rev\_school\_list\_js,P\_hrs\_review\_cct\_study\_lead\_js,P\_hrs\_review\_pe\_pou\_js,P\_hrs\_review\_targeted\_pe\_js,P\_hrs\_review\_wtr\_pe\_js,

P\_hrs\_samp\_above\_al\_op,P\_hrs\_samp\_invalid\_js,P\_hrs\_samp\_invalid\_op,P\_hrs\_samp\_notice\_js,P\_hrs\_samp\_notice\_op,P\_hrs\_samp\_reject\_op,

P\_hrs\_samp\_volunt\_op,P\_hrs\_samp\_volunt\_pou\_op,P\_hrs\_sanit\_surv\_js,P\_hrs\_sanit\_surv\_op,P\_hrs\_school\_annual\_contact\_op,P\_hrs\_school\_call\_op,

P\_hrs\_school\_coor\_sample\_op,P\_hrs\_school\_help\_op,P\_hrs\_school\_identify\_op,P\_hrs\_school\_letter\_op,P\_hrs\_sdwis\_js,P\_hrs\_set\_owqp\_js,

P\_hrs\_sm\_flex\_option\_js,P\_hrs\_sm\_flex\_option\_op,P\_hrs\_source\_js,P\_hrs\_source\_op,P\_hrs\_ta\_js,P\_hrs\_temp\_ccr\_js,

P\_hrs\_temp\_lslr\_out\_js,P\_hrs\_temp\_pou\_js,P\_hrs\_temp\_school\_js,P\_hrs\_train\_ann\_js,P\_hrs\_train\_imp\_js,P\_hrs\_travel\_samp\_school\_op,

P\_hrs\_update\_ccr\_op,P\_hrs\_updated\_initial\_inv\_rev\_js,P\_hrs\_walkthrough\_school\_op,P\_hrs\_web\_op,P\_hrs\_wqp\_analyze\_dist\_op,P\_hrs\_wqp\_analyze\_ep\_op,

P\_hrs\_wqp\_analyze\_ortho\_ep\_op,P\_hrs\_wqp\_analyze\_ortho\_op,P\_hrs\_wqp\_analyze\_ph\_ep\_op,  
P\_hrs\_wqp\_analyze\_ph\_op,P\_hrs\_wqp\_dssa\_op,P\_hrs\_wqp\_js,

P\_hrs\_wqp\_op,P\_meet\_lslr\_goal,P\_num\_lsl\_replace,P\_num\_lsl\_requested,P\_num\_lslr\_gal\_p  
rev\_lsl\_replace,P\_num\_lslr\_lsl\_replace,

P\_num\_lslr\_partial\_replace,P\_num\_lslr\_replace,P\_num\_unknown\_resolved,P\_numb\_daycares  
,P\_numb\_elem\_schools\_priv,P\_numb\_elem\_schools\_pub,

P\_numb\_enhance\_wqp,P\_numb\_ep,P\_numb\_ep\_wqp,P\_numb\_ha,P\_numb\_hh,P\_numb\_lcr\_other\_org,

P\_numb\_other\_request,P\_numb\_pou,P\_numb\_reduced\_tap,P\_numb\_reduced\_wqp,P\_numb\_samp\_cu  
stomer,P\_numb\_samp\_five,

P\_numb\_samp\_lslr,P\_numb\_samp\_two,P\_numb\_second\_schools\_priv,P\_numb\_second\_schools\_pu  
b,P\_numb\_st\_sample,P\_numb\_wqp\_sites\_added,

P\_numb\_wqp\_sites\_added\_prev,P\_p\_copper\_ale,P\_p\_incentive,P\_p\_inventory,P\_p\_source\_ch  
ng,P\_p\_source\_sig,

P\_p\_spec\_req,P\_p\_tap\_annual,P\_p\_tap\_nine,P\_p\_tap\_triennial,P\_p\_treat\_change,P\_p\_wqp\_  
all,

P\_p\_wqp\_annual,P\_p\_wqp\_cond,P\_p\_wqp\_six\_red,P\_p\_wqp\_triennial,P\_pbaseph,P\_pbasephpo4  
,

P\_pbasepo4,P\_perc\_hh\_water\_wrk,P\_pp\_above\_al\_bin\_one,P\_pp\_above\_al\_bin\_three,P\_pp\_ab  
ove\_al\_bin\_two,P\_pp\_childcare\_mand\_waiver,

P\_pp\_childcare\_onreq\_waiver,P\_pp\_commercial\_samp,P\_pp\_commercial\_samp\_school,P\_pp\_hh  
\_request\_lslr,P\_pp\_hh\_return\_samp,P\_pp\_lab\_samp,

P\_pp\_lab\_samp\_school,P\_pp\_lslr\_cap\_emerg,P\_pp\_mand\_twenty\_partic,P\_pp\_priv\_elem\_mand  
\_waiver,P\_pp\_priv\_elem\_onreq\_waiver,P\_pp\_priv\_second\_onreq1\_waiver,

P\_pp\_priv\_second\_onreq2\_waiver,P\_pp\_pub\_elem\_mand\_waiver,P\_pp\_pub\_elem\_onreq\_waiver,  
P\_pp\_pub\_second\_onreq1\_waiver,P\_pp\_pub\_second\_onreq2\_waiver,P\_pp\_samp\_invalid,  
P\_pp\_samp\_reject,P\_pp\_voluntary\_partic,P\_pws\_cct,P\_pws\_lsl,P\_pws\_pop,P\_rate\_js,  
P\_rate\_op,P\_school\_3a,P\_system\_pou : pdouble;  
end;

\_VariablesRecOPTION = record

annual\_pou\_cost\_hh,b\_cct\_study\_install,

b\_cct\_study\_mod\_al,b\_dssa,b\_install\_cct,b\_install\_pou,b\_lslr\_mand,b\_lslr\_study,

b\_modify\_cct,b\_modify\_cct\_al,b\_pou\_study,b\_state\_cct\_treatment\_mod\_al,b\_state\_one,b\_  
state\_two,

b\_temp\_pou\_1,b\_temp\_pou\_2,b\_temp\_pou\_3,b\_temp\_pou\_4,cct\_dssa\_cost,cct\_dssa\_cost\_p,

cct\_dssa\_cost\_umra,cct\_dssa\_cost\_umra\_om,cct\_existing\_cost,cct\_install\_cost,cct\_install\_cost\_p,cct\_install\_cost\_umra,

cct\_install\_cost\_umra\_om,cct\_modify\_cost,cct\_modify\_cost\_p,cct\_modify\_cost\_umra,cct\_modify\_cost\_umra\_om,cost\_5\_commercial\_lab,

cost\_5\_lt\_samp,cost\_ale\_other,cost\_annual\_report\_school\_dist,cost\_cct\_study\_dem,cost\_collect\_samp\_school,cost\_commercial\_lab,

cost\_commercial\_lsl\_lslr,cost\_cust\_lslr,cost\_cust\_lt,cost\_deliv\_persist\_ale,cost\_ep\_wqp\_material,cost\_ep\_wqp\_ortho\_material,

cost\_ep\_wqp\_ph\_material,cost\_filter\_hh,cost\_hc,cost\_hh\_request,cost\_incentive,cost\_inform\_samp\_pe\_school,

cost\_lab\_lsl\_lslr,cost\_lab\_lt\_samp,cost\_lab\_ortho\_wqp,cost\_lab\_ph\_wqp,cost\_lab\_wqp,cost\_lab\_wqp\_ep,

cost\_lab\_wqp\_ortho\_ep,cost\_lab\_wqp\_ph\_ep,cost\_lslr\_gal\_prev\_leadcon\_ccemg\_pw,cost\_lslr\_gal\_prev\_leadcon\_reg\_pws,cost\_lslr\_gal\_prev\_lsl\_ccemg\_pws,cost\_lslr\_gal\_prev\_lsl\_reg\_pws,

cost\_lslr\_leadcon\_ccemg\_pws,cost\_lslr\_leadcon\_reg\_pws,cost\_lslr\_lsl\_ccemg\_mand\_pws,cost\_lslr\_lsl\_reg\_mand\_pws,cost\_lslr\_partial\_ccemg\_pws,cost\_lslr\_partial\_reg\_pws,

cost\_ntncws\_cust\_lslr,cost\_ntncws\_cust\_lt,cost\_ntncws\_distr\_pe\_pou,cost\_ntncws\_pe\_lcr\_delivery,cost\_ntncws\_pe\_lsl\_gen,cost\_other\_lt\_samp,

cost\_other\_request,cost\_pe\_lcr\_delivery,cost\_pe\_lead\_ale,cost\_pe\_lsl\_gen,cost\_pickup\_samp,cost\_pou\_samp,

cost\_pr,cost\_print\_pe\_pou,cost\_pub\_deliv\_wtr\_ed,cost\_replaced\_lsl\_contact,cost\_samp\_above\_al,cost\_school\_annual\_contact,

cost\_school\_letter,cost\_source,cost\_source\_analyze,cost\_source\_material,cost\_temp\_pou,cost\_translate\_cws,

cost\_translate\_state,cost\_travel\_samp\_school,cost\_update,cost\_valid,cost\_walkthrough\_school,cost\_wqp\_analyze,

cost\_wqp\_analyze\_ep,cost\_wqp\_analyze\_ortho\_ep,cost\_wqp\_analyze\_ph\_ep,cost\_wqp\_material,cost\_wqp\_material\_ortho,cost\_wqp\_material\_ph,

cost\_wqp\_ortho\_analyze,cost\_wqp\_ph\_analyze,hh\_remain\_lsl,hh\_unknown\_remain,hrs\_access\_lsl\_op,hrs\_add\_lsl\_samp\_op,

hrs\_admin\_temp\_pou\_op,hrs\_adopt\_rule\_js,hrs\_ale\_consult\_js,hrs\_ale\_consult\_op,hrs\_ale\_lang\_js,hrs\_ale\_other\_op,

hrs\_analyze\_lsl\_lslr\_op,hrs\_analyze\_samp\_op,hrs\_annual\_lt\_js,hrs\_annual\_lt\_op,hrs\_an  
nual\_report\_school\_js,hrs\_annual\_report\_school\_prepare\_op,

hrs\_assign\_staff\_imp\_op,hrs\_cct\_review\_js,hrs\_cert\_cust\_lt\_js,hrs\_cert\_cust\_lt\_op,hrs  
s\_cert\_outreach\_annual\_js,hrs\_cert\_outreach\_annual\_op,

hrs\_childcare\_call\_op,hrs\_chng\_tap\_js,hrs\_chng\_tap\_op,hrs\_collect\_lsl\_lslr\_op,hrs\_co  
llect\_samp\_school\_op,hrs\_consult\_dssa\_js,

hrs\_consult\_dssa\_op,hrs\_consult\_temp\_pou\_js,hrs\_consult\_temp\_pou\_op,hrs\_coop\_source\_  
chng\_red\_js,hrs\_coop\_source\_chng\_red\_op,hrs\_coop\_source\_chng\_rout\_js,

hrs\_coop\_source\_chng\_rout\_op,hrs\_coop\_treat\_chng\_red\_js,hrs\_coop\_treat\_chng\_red\_op,h  
rs\_coop\_treat\_chng\_rout\_js,hrs\_coop\_treat\_chng\_rout\_op,hrs\_coord\_epa\_js,

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\_op,hrs\_devel\_pe\_school\_op,hrs\_devel\_persist\_ale\_op,

hrs\_devel\_samp\_op,hrs\_discuss\_samp\_op,hrs\_distr\_agencies\_pe\_op,hrs\_distr\_edu\_op,hrs\_  
ep\_wqp\_op,hrs\_fin\_op\_op,

hrs\_ha\_op,hrs\_hc\_js,hrs\_hc\_list\_op,hrs\_hc\_op,hrs\_hh\_request\_op,hrs\_inform\_samp\_op,

hrs\_inform\_samp\_pe\_school\_op,hrs\_initial\_ta\_js,hrs\_initial\_ta\_op,hrs\_initial\_tap\_con  
fer\_op,hrs\_initial\_tap\_rev\_js,hrs\_inv\_update\_rev\_js,

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s\_js,hrs\_nolsl\_op,

hrs\_ntncws\_cust\_lslr\_op,hrs\_ntncws\_distr\_edu\_op,hrs\_ntncws\_distr\_pe\_persist\_ale\_op,h  
rs\_ntncws\_distr\_pe\_pou\_op,hrs\_ntncws\_inform\_samp\_op,hrs\_ntncws\_pe\_lsl\_gen\_dist\_op,

hrs\_other\_request\_op,hrs\_pe\_al\_devel\_op,hrs\_pe\_certify\_quarterly\_js,hrs\_pe\_certify\_q  
uarterly\_op,hrs\_pe\_lsl\_gen\_develop\_op,hrs\_pe\_lsl\_gen\_dist\_op,

hrs\_pe\_lsl\_gen\_temp\_js,hrs\_pe\_lsl\_rev\_js,hrs\_pe\_pou\_op,hrs\_pickup\_samp\_op,hrs\_pou\_pl  
an\_dev\_op,hrs\_pou\_plan\_rev\_js,

hrs\_pou\_report\_ann\_prep\_op,hrs\_pou\_report\_ann\_rev\_js,hrs\_pr\_op,hrs\_print\_pe\_pou\_op,h  
rs\_pub\_access\_op,hrs\_pub\_deliv\_wtr\_op,

hrs\_pub\_devel\_hc\_op,hrs\_pub\_devel\_wtr\_op,hrs\_pub\_rev\_hc\_js,hrs\_pub\_temp\_hc\_js,hrs\_re  
ad\_rule\_op,hrs\_renew\_nine\_js,

hrs\_renew\_nine\_op,hrs\_replaced\_lsl\_contact\_op,hrs\_report\_dssa\_js,hrs\_report\_dssa\_op,  
hrs\_report\_inv\_op,hrs\_report\_lcr\_js,

hrs\_report\_lcr\_op,hrs\_report\_sch\_cc\_results\_op,hrs\_report\_source\_op,hrs\_report\_updat  
ed\_initial\_inv\_op,hrs\_report\_wqp\_op,hrs\_request\_pou\_op,

hrs\_reset\_owqp\_js,hrs\_result\_discuss\_op,hrs\_rev\_cct\_op,hrs\_rev\_nolsl\_js,hrs\_rev\_samp\_js,hrs\_rev\_samp\_plan\_js,

hrs\_rev\_school\_info\_js,hrs\_rev\_school\_list\_js,hrs\_review\_cct\_study\_lead\_js,hrs\_review\_pe\_persist\_ale\_js,hrs\_review\_pe\_pou\_js,hrs\_review\_wtr\_pe\_js,

hrs\_samp\_above\_al\_op,hrs\_samp\_invalid\_js,hrs\_samp\_invalid\_op,hrs\_samp\_notice\_js,hrs\_samp\_notice\_op,hrs\_samp\_reject\_op,

hrs\_samp\_volunt\_op,hrs\_samp\_volunt\_pou\_op,hrs\_sanit\_surv\_js,hrs\_sanit\_surv\_op,hrs\_school\_cc\_results\_review\_js,hrs\_school\_annual\_contact\_op,

hrs\_school\_call\_op,hrs\_school\_coor\_sample\_op,hrs\_school\_help\_op,hrs\_school\_identify\_op,hrs\_school\_letter\_op,hrs\_sdwis\_js,

hrs\_set\_owqp\_js,hrs\_sm\_flex\_option\_js,hrs\_sm\_flex\_option\_op,hrs\_source\_js,hrs\_source\_op,hrs\_ta\_js,

hrs\_temp\_ccr\_js,hrs\_temp\_filter\_plan\_dev\_js,hrs\_temp\_filter\_plan\_dev\_op,hrs\_temp\_persist\_ale\_js,hrs\_temp\_pou\_js,hrs\_temp\_school\_js,

hrs\_train\_ann\_js,hrs\_train\_imp\_js,hrs\_translate\_phone\_js,hrs\_translate\_phone\_op,hrs\_travel\_samp\_school\_op,hrs\_update\_ccr\_op,

hrs\_updated\_initial\_inv\_op,hrs\_updated\_initial\_inv\_rev\_js,hrs\_valid\_report\_op,hrs\_walkthrough\_school\_op,hrs\_web\_op,hrs\_wqp\_analyze\_dist\_op,

hrs\_wqp\_analyze\_ep\_op,hrs\_wqp\_analyze\_ortho\_ep\_op,hrs\_wqp\_analyze\_ortho\_op,hrs\_wqp\_analyze\_ph\_ep\_op,hrs\_wqp\_analyze\_ph\_op,hrs\_wqp\_dssa\_op,

hrs\_wqp\_js,hrs\_wqp\_op,num\_lsl\_filter,num\_lsl\_replace,num\_lsl\_validated,num\_lslr\_gal\_prev\_leadcon\_replace,

num\_lslr\_gal\_prev\_lsl\_replace,num\_lslr\_leadcon\_replace,num\_lslr\_lsl\_replace,num\_lslr\_partial\_replace,num\_temp\_pou,num\_unknown\_resolved,

numb\_daycares,numb\_elem\_schools\_priv,numb\_elem\_schools\_pub,numb\_enhance\_wqp,numb\_ep,numb\_ep\_wqp,

numb\_ha,numb\_hh,numb\_lcr\_other\_org,numb\_other\_request,numb\_pou,numb\_reduced\_tap,

numb\_reduced\_wqp,numb\_samp\_customer,numb\_samp\_five,numb\_samp\_lslr,numb\_samp\_two,numb\_second\_schools\_priv,

numb\_second\_schools\_pub,numb\_st\_sample,numb\_wqp\_sites\_added,numb\_wqp\_sites\_added\_prev,p\_copper\_ale,p\_customer\_request,

p\_incentive,p\_inventory,p\_source\_chng,p\_source\_sig,p\_spec\_req,p\_tap\_annual,

p\_tap\_nine,p\_tap\_triennial,p\_translation,p\_translation\_phone,p\_translation\_phone\_cws,p\_translation\_written\_cws,

p\_treat\_change,p\_wqp\_all,p\_wqp\_annual,p\_wqp\_cond,p\_wqp\_six\_red,p\_wqp\_triennial,

pbaseph,pbasephpo4,pbasepo4,perc\_hh\_water\_wrk,pp\_above\_al\_bin\_one,pp\_above\_al\_bin\_three,

pp\_childcare\_onreq\_waiver,pp\_commercial\_samp,pp\_commercial\_samp\_school,pp\_customer\_request,pp\_grandfather\_mand\_child,pp\_hh\_request\_lslr,

pp\_hh\_return\_samp,pp\_lab\_samp,pp\_lab\_samp\_school,pp\_lslr\_cap\_emerg,pp\_mand\_twenty\_partic,pp\_priv\_elem\_mand\_waiver,

pp\_priv\_elem\_onreq\_waiver,pp\_priv\_second\_onreq1\_waiver,pp\_priv\_second\_onreq2\_waiver,pp\_pub\_elem\_mand\_waiver,pp\_pub\_elem\_onreq\_waiver,pp\_pub\_second\_onreq1\_waiver,

pp\_pub\_second\_onreq2\_waiver,pp\_samp\_invalid,pp\_samp\_reject,pp\_voluntary\_partic,pws\_cct,pws\_lsl,

pws\_pop,rate\_js,rate\_op,school\_3a,system\_pou : double;

P\_annual\_pou\_cost\_hh,P\_b\_cct\_study\_install,

P\_b\_cct\_study\_mod\_al,P\_b\_dssa,P\_b\_install\_cct,P\_b\_install\_pou,P\_b\_lslr\_mand,P\_b\_lslr\_study,

P\_b\_modify\_cct,P\_b\_modify\_cct\_al,P\_b\_pou\_study,P\_b\_state\_cct\_treatment\_mod\_al,P\_b\_state\_one,P\_b\_state\_two,

P\_b\_temp\_pou\_1,P\_b\_temp\_pou\_2,P\_b\_temp\_pou\_3,P\_b\_temp\_pou\_4,P\_cct\_dssa\_cost,P\_cct\_dssa\_cost\_p,

P\_cct\_dssa\_cost\_umra,P\_cct\_dssa\_cost\_umra\_om,P\_cct\_existing\_cost,P\_cct\_install\_cost,P\_cct\_install\_cost\_p,P\_cct\_install\_cost\_umra,

P\_cct\_install\_cost\_umra\_om,P\_cct\_modify\_cost,P\_cct\_modify\_cost\_p,P\_cct\_modify\_cost\_umra,P\_cct\_modify\_cost\_umra\_om,P\_cost\_5\_commercial\_lab,

P\_cost\_5\_lt\_samp,P\_cost\_ale\_other,P\_cost\_annual\_report\_school\_dist,P\_cost\_cct\_study\_dem,P\_cost\_collect\_samp\_school,P\_cost\_commercial\_lab,

P\_cost\_commercial\_lsl\_lslr,P\_cost\_cust\_lslr,P\_cost\_cust\_lt,P\_cost\_deliv\_persist\_ale,P\_cost\_ep\_wqp\_material,P\_cost\_ep\_wqp\_ortho\_material,

P\_cost\_ep\_wqp\_ph\_material,P\_cost\_filter\_hh,P\_cost\_hc,P\_cost\_hh\_request,P\_cost\_incentive,P\_cost\_inform\_samp\_pe\_school,

P\_cost\_lab\_lsl\_lslr,P\_cost\_lab\_lt\_samp,P\_cost\_lab\_ortho\_wqp,P\_cost\_lab\_ph\_wqp,P\_cost\_lab\_wqp,P\_cost\_lab\_wqp\_ep,

P\_cost\_lab\_wqp\_ortho\_ep,P\_cost\_lab\_wqp\_ph\_ep,P\_cost\_lslr\_gal\_prev\_leadcon\_ccemg\_pw,P\_cost\_lslr\_gal\_prev\_leadcon\_reg\_pws,P\_cost\_lslr\_gal\_prev\_lsl\_ccemg\_pws,P\_cost\_lslr\_gal\_prev\_lsl\_reg\_pws,

P\_cost\_lslr\_leadcon\_ccemg\_pws,P\_cost\_lslr\_leadcon\_reg\_pws,P\_cost\_lslr\_lsl\_ccemg\_mand\_pws,P\_cost\_lslr\_lsl\_reg\_mand\_pws,P\_cost\_lslr\_partial\_ccemg\_pws,P\_cost\_lslr\_partial\_reg\_pws,

P\_cost\_ntncws\_cust\_lslr,P\_cost\_ntncws\_cust\_lt,P\_cost\_ntncws\_distr\_pe\_pou,P\_cost\_ntncws\_pe\_lcr\_delivery,P\_cost\_ntncws\_pe\_lsl\_gen,P\_cost\_other\_lt\_samp,

P\_cost\_other\_request,P\_cost\_pe\_lcr\_delivery,P\_cost\_pe\_lead\_ale,P\_cost\_pe\_lsl\_gen,P\_cost\_pickup\_samp,P\_cost\_pou\_samp,

P\_cost\_pr,P\_cost\_print\_pe\_pou,P\_cost\_pub\_deliv\_wtr\_ed,P\_cost\_replaced\_lsl\_contact,P\_cost\_samp\_above\_al,P\_cost\_school\_annual\_contact,

P\_cost\_school\_letter,P\_cost\_source,P\_cost\_source\_analyze,P\_cost\_source\_material,P\_cost\_temp\_pou,P\_cost\_translate\_cws,

P\_cost\_translate\_state,P\_cost\_travel\_samp\_school,P\_cost\_update,P\_cost\_valid,P\_cost\_walkthrough\_school,P\_cost\_wqp\_analyze,

P\_cost\_wqp\_analyze\_ep,P\_cost\_wqp\_analyze\_ortho\_ep,P\_cost\_wqp\_analyze\_ph\_ep,P\_cost\_wqp\_material,P\_cost\_wqp\_material\_ortho,P\_cost\_wqp\_material\_ph,

P\_cost\_wqp\_ortho\_analyze,P\_cost\_wqp\_ph\_analyze,P\_hh\_remain\_lsl,P\_hh\_unknown\_remain,P\_hrs\_access\_lsl\_op,P\_hrs\_add\_lsl\_samp\_op,

P\_hrs\_admin\_temp\_pou\_op,P\_hrs\_adopt\_rule\_js,P\_hrs\_ale\_consult\_js,P\_hrs\_ale\_consult\_op,P\_hrs\_ale\_lang\_js,P\_hrs\_ale\_other\_op,

P\_hrs\_analyze\_lsl\_lslr\_op,P\_hrs\_analyze\_samp\_op,P\_hrs\_annual\_lt\_js,P\_hrs\_annual\_lt\_op,P\_hrs\_annual\_report\_school\_js,P\_hrs\_annual\_report\_school\_prepare\_op,

P\_hrs\_assign\_staff\_imp\_op,P\_hrs\_cct\_review\_js,P\_hrs\_cert\_cust\_lt\_js,P\_hrs\_cert\_cust\_lt\_op,P\_hrs\_cert\_outreach\_annual\_js,P\_hrs\_cert\_outreach\_annual\_op,

P\_hrs\_childcare\_call\_op,P\_hrs\_chng\_tap\_js,P\_hrs\_chng\_tap\_op,P\_hrs\_collect\_lsl\_lslr\_op,P\_hrs\_collect\_samp\_school\_op,P\_hrs\_consult\_dssa\_js,

P\_hrs\_consult\_dssa\_op,P\_hrs\_consult\_temp\_pou\_js,P\_hrs\_consult\_temp\_pou\_op,P\_hrs\_coop\_source\_chng\_red\_js,P\_hrs\_coop\_source\_chng\_red\_op,P\_hrs\_coop\_source\_chng\_rout\_js,

P\_hrs\_coop\_source\_chng\_rout\_op,P\_hrs\_coop\_treat\_chng\_red\_js,P\_hrs\_coop\_treat\_chng\_red\_op,P\_hrs\_coop\_treat\_chng\_rout\_js,P\_hrs\_coop\_treat\_chng\_rout\_op,P\_hrs\_coord\_epa\_js,

P\_hrs\_cust\_plan\_op,P\_hrs\_cust\_request\_oversee\_op,P\_hrs\_deliv\_persist\_ale\_op,P\_hrs\_deter\_dssa\_op,P\_hrs\_devel\_pe\_school\_op,P\_hrs\_devel\_persist\_ale\_op,

P\_hrs\_devel\_samp\_op,P\_hrs\_discuss\_samp\_op,P\_hrs\_distr\_agencies\_pe\_op,P\_hrs\_distr\_edu\_op,P\_hrs\_ep\_wqp\_op,P\_hrs\_fin\_op\_op,

P\_hrs\_ha\_op,P\_hrs\_hc\_js,P\_hrs\_hc\_list\_op,P\_hrs\_hc\_op,P\_hrs\_hh\_request\_op,P\_hrs\_infor



m\_samp\_op,

P\_hrs\_inform\_samp\_pe\_school\_op,P\_hrs\_initial\_ta\_js,P\_hrs\_initial\_ta\_op,P\_hrs\_initial  
\_tap\_confer\_op,P\_hrs\_initial\_tap\_rev\_js,P\_hrs\_inv\_update\_rev\_js,

P\_hrs\_inv\_valid\_rev\_js,P\_hrs\_lslr\_plan\_js,P\_hrs\_lslr\_plan\_op,P\_hrs\_maint\_lsl\_op,P\_hrs  
s\_modify\_ds\_js,P\_hrs\_nolsl\_op,

P\_hrs\_ntncws\_cust\_lslr\_op,P\_hrs\_ntncws\_distr\_edu\_op,P\_hrs\_ntncws\_distr\_pe\_persist\_al  
e\_op,P\_hrs\_ntncws\_distr\_pe\_pou\_op,P\_hrs\_ntncws\_inform\_samp\_op,P\_hrs\_ntncws\_pe\_lsl\_ge  
n\_dist\_op,

P\_hrs\_other\_request\_op,P\_hrs\_pe\_al\_devel\_op,P\_hrs\_pe\_certify\_quarterly\_js,P\_hrs\_pe\_c  
ertify\_quarterly\_op,P\_hrs\_pe\_lsl\_gen\_develop\_op,P\_hrs\_pe\_lsl\_gen\_dist\_op,

P\_hrs\_pe\_lsl\_gen\_temp\_js,P\_hrs\_pe\_lsl\_rev\_js,P\_hrs\_pe\_pou\_op,P\_hrs\_pickup\_samp\_op,P\_  
hrs\_pou\_plan\_dev\_op,P\_hrs\_pou\_plan\_rev\_js,

P\_hrs\_pou\_report\_ann\_prep\_op,P\_hrs\_pou\_report\_ann\_rev\_js,P\_hrs\_pr\_op,P\_hrs\_print\_pe\_  
pou\_op,P\_hrs\_pub\_access\_op,P\_hrs\_pub\_deliv\_wtr\_op,

P\_hrs\_pub\_devel\_hc\_op,P\_hrs\_pub\_devel\_wtr\_op,P\_hrs\_pub\_rev\_hc\_js,P\_hrs\_pub\_temp\_hc\_j  
s,P\_hrs\_read\_rule\_op,P\_hrs\_renew\_nine\_js,

P\_hrs\_renew\_nine\_op,P\_hrs\_replaced\_lsl\_contact\_op,P\_hrs\_report\_dssa\_js,P\_hrs\_report\_  
dssa\_op,P\_hrs\_report\_inv\_op,P\_hrs\_report\_lcr\_js,

P\_hrs\_report\_lcr\_op,P\_hrs\_report\_sch\_cc\_results\_op,P\_hrs\_report\_source\_op,P\_hrs\_repo  
rt\_updated\_initial\_inv\_op,P\_hrs\_report\_wqp\_op,P\_hrs\_request\_pou\_op,

P\_hrs\_reset\_owqp\_js,P\_hrs\_result\_discuss\_op,P\_hrs\_rev\_cct\_op,P\_hrs\_rev\_nolsl\_js,P\_hrs  
s\_rev\_samp\_js,P\_hrs\_rev\_samp\_plan\_js,

P\_hrs\_rev\_school\_info\_js,P\_hrs\_rev\_school\_list\_js,P\_hrs\_review\_cct\_study\_lead\_js,P\_h  
rs\_review\_pe\_persist\_ale\_js,P\_hrs\_review\_pe\_pou\_js,P\_hrs\_review\_wtr\_pe\_js,

P\_hrs\_samp\_above\_al\_op,P\_hrs\_samp\_invalid\_js,P\_hrs\_samp\_invalid\_op,P\_hrs\_samp\_notice  
\_js,P\_hrs\_samp\_notice\_op,P\_hrs\_samp\_reject\_op,

P\_hrs\_samp\_volunt\_op,P\_hrs\_samp\_volunt\_pou\_op,P\_hrs\_sanit\_surv\_js,P\_hrs\_sanit\_surv\_o  
p,P\_hrs\_sch\_cc\_results\_review\_js,P\_hrs\_school\_annual\_contact\_op,

P\_hrs\_school\_call\_op,P\_hrs\_school\_coor\_sample\_op,P\_hrs\_school\_help\_op,P\_hrs\_school\_i  
dentify\_op,P\_hrs\_school\_letter\_op,P\_hrs\_sdwis\_js,

P\_hrs\_set\_owqp\_js,P\_hrs\_sm\_flex\_option\_js,P\_hrs\_sm\_flex\_option\_op,P\_hrs\_source\_js,P\_  
hrs\_source\_op,P\_hrs\_ta\_js,

P\_hrs\_temp\_ccr\_js,P\_hrs\_temp\_filter\_plan\_dev\_js,P\_hrs\_temp\_filter\_plan\_dev\_op,P\_hrs\_  
temp\_persist\_ale\_js,P\_hrs\_temp\_pou\_js,P\_hrs\_temp\_school\_js,

P\_hrs\_train\_ann\_js,P\_hrs\_train\_imp\_js,P\_hrs\_translate\_phone\_js,P\_hrs\_translate\_phone\_op,P\_hrs\_travel\_samp\_school\_op,P\_hrs\_update\_ccr\_op,

P\_hrs\_updated\_initial\_inv\_op,P\_hrs\_updated\_initial\_inv\_rev\_js,P\_hrs\_valid\_report\_op,P\_hrs\_walkthrough\_school\_op,P\_hrs\_web\_op,P\_hrs\_wqp\_analyze\_dist\_op,

P\_hrs\_wqp\_analyze\_ep\_op,P\_hrs\_wqp\_analyze\_ortho\_ep\_op,P\_hrs\_wqp\_analyze\_ortho\_op,P\_hrs\_wqp\_analyze\_ph\_ep\_op,P\_hrs\_wqp\_analyze\_ph\_op,P\_hrs\_wqp\_dssa\_op,

P\_hrs\_wqp\_js,P\_hrs\_wqp\_op,P\_num\_lsl\_filter,P\_num\_lsl\_replace,P\_num\_lsl\_validated,P\_num\_lslr\_gal\_prev\_leadcon\_replace,

P\_num\_lslr\_gal\_prev\_lsl\_replace,P\_num\_lslr\_leadcon\_replace,P\_num\_lslr\_lsl\_replace,P\_num\_lslr\_partial\_replace,P\_num\_temp\_pou,P\_num\_unknown\_resolved,

P\_num\_daycares,P\_num\_elem\_schools\_priv,P\_num\_elem\_schools\_pub,P\_num\_enhance\_wqp,P\_num\_ep,P\_num\_ep\_wqp,

P\_num\_ha,P\_num\_hh,P\_num\_lcr\_other\_org,P\_num\_other\_request,P\_num\_pou,P\_num\_reduced\_tap,

P\_num\_reduced\_wqp,P\_num\_samp\_customer,P\_num\_samp\_five,P\_num\_samp\_lslr,P\_num\_samp\_two,P\_num\_second\_schools\_priv,

P\_num\_second\_schools\_pub,P\_num\_st\_sample,P\_num\_wqp\_sites\_added,P\_num\_wqp\_sites\_added\_prev,P\_p\_copper\_ale,P\_p\_customer\_request,

P\_p\_incentive,P\_p\_inventory,P\_p\_source\_chng,P\_p\_source\_sig,P\_p\_spec\_req,P\_p\_tap\_annual,

P\_p\_tap\_nine,P\_p\_tap\_triennial,P\_p\_translation,P\_p\_translation\_phone,P\_p\_translation\_phone\_cws,P\_p\_translation\_written\_cws,

P\_p\_treat\_change,P\_p\_wqp\_all,P\_p\_wqp\_annual,P\_p\_wqp\_cond,P\_p\_wqp\_six\_red,P\_p\_wqp\_triennial,

P\_pbaseph,P\_pbasephpo4,P\_pbasepo4,P\_perc\_hh\_water\_wrk,P\_pp\_above\_al\_bin\_one,P\_pp\_above\_al\_bin\_three,

P\_pp\_childcare\_onreq\_waiver,P\_pp\_commercial\_samp,P\_pp\_commercial\_samp\_school,P\_pp\_customer\_request,P\_pp\_grandfather\_mand\_child,P\_pp\_hh\_request\_lslr,

P\_pp\_hh\_return\_samp,P\_pp\_lab\_samp,P\_pp\_lab\_samp\_school,P\_pp\_lslr\_cap\_emerg,P\_pp\_mand\_twenty\_partic,P\_pp\_priv\_elem\_mand\_waiver,

P\_pp\_priv\_elem\_onreq\_waiver,P\_pp\_priv\_second\_onreq1\_waiver,P\_pp\_priv\_second\_onreq2\_waiver,P\_pp\_pub\_elem\_mand\_waiver,P\_pp\_pub\_elem\_onreq\_waiver,P\_pp\_pub\_second\_onreq1\_waiver,

```

P_pp_pub_second_onreq2_waiver,P_pp_samp_invalid,P_pp_samp_reject,P_pp_voluntary_part
ic,P_pws_cct,P_pws_lsl,
    P_pws_pop,P_rate_js,P_rate_op,P_school_3a,P_system_pou : pdouble;
end;

```

```

TLSSRCompiledCost = class
    _CalcCost,_Cost,_Hours,_OM,_Labor : TLSSRValueStore;
    _ImAState : TLSSRValueStoreFlag;
    _YearOK : TLSSRCalcYearStore;
    TotEval : int64;
    constructor create();
    procedure _Reset(aState : boolean);
    procedure _LoadVars; virtual; abstract;
    procedure _SetVarPointer(const name : string; const pd : PDouble); virtual;
abstract;
    procedure _Evaluate(const Yr : integer); virtual; abstract;
    procedure _EvaluateState(const Yr: integer); virtual; abstract;
    function _DumpVars : string; virtual; abstract;

```

```

end;

```

```

TLSSRCompiledCostBaselineLCR = class(TLSSRCompiledCost)
    _Variables : _VariablesRecBaselineLCR;

    constructor create();
    procedure _LoadVars; override;
    procedure _SetVarPointer(const name : string; const pd : PDouble); override;
    procedure _Evaluate(const Yr : integer); override;
    procedure _EvaluateState(const Yr: integer); override;

```

```

    function _DumpVars : string; override;
end;

```

```

TLSSRCompiledCostBaselineLCRR = class(TLSSRCompiledCost)
    _Variables : _VariablesRecBaselineLCRR;

    constructor create();
    procedure _LoadVars; override;
    procedure _SetVarPointer(const name : string; const pd : PDouble); override;
    procedure _Evaluate(const Yr : integer); override;
    procedure _EvaluateState(const Yr: integer); override;

```

```

    function _DumpVars : string; override;
end;

```

```

TLSSRCompiledCostOption = class(TLSSRCompiledCost)
    _Variables : _VariablesRecOption;

```

```

    constructor create();
    procedure _LoadVars; override;

```

```

    procedure _SetVarPointer(const name : string; const pd : PDouble); override;
    procedure _Evaluate(const Yr : integer); override;
    procedure _EvaluateState(const Yr: integer); override;

    function _DumpVars : string; override;
end;

const
    _CWorkbookBASELINE = '(*WORKBOOKBASELINE)';
    _CWorkbookLCRBASELINE = 'K:\SafewaterLCRI\Data\LCR_Baseline_v9.xlsx';
    _CWorkbookLCRRBASELINE = 'K:\SafewaterLCRI\Data\LCRR_Baseline_v18.xlsx';
    _CWorkbookOPTION = 'K:\SafewaterLCRI\Data\Working_Option_v23.xlsx';
    _CWorkbookDate = '10/11/2023 9:13:16 AM';

var
    _UseCompiled : boolean = false;

implementation

{ TLSRCompiledCost }

constructor TLSRCompiledCost.create;
begin
    TotEval:=0;
end;

procedure TLSRCompiledCost._Reset(aState : boolean);
var i : integer;
begin
    for i:=0 to high(_CalcCost) do begin
        if not (_ImAState[i] = aState) then continue;
        _CalcCost[i]:=0;
        _Cost[i]:=0;
        _Hours[i]:=0;
        _OM[i]:=0;
        _Labor[i]:=0;
    end;
end;

{ TLSRCompiledCostBaselineLCR }

procedure TLSRCompiledCostBaselineLCR._LoadVars;
begin
    if Assigned(_Variables.P_b_cct_study_install) then
        _Variables.b_cct_study_install:= _Variables.P_b_cct_study_install^;
    if Assigned(_Variables.P_b_cct_study_mod) then _Variables.b_cct_study_mod:=
        _Variables.P_b_cct_study_mod^;
    if Assigned(_Variables.P_b_cct_study_rec_install) then
        _Variables.b_cct_study_rec_install:= _Variables.P_b_cct_study_rec_install^;

```

```

    if Assigned(_Variables.P_b_cct_study_rec_mod) then
    _Variables.b_cct_study_rec_mod:= _Variables.P_b_cct_study_rec_mod^;
    if Assigned(_Variables.P_b_findfix) then _Variables.b_findfix:=
    _Variables.P_b_findfix^;
    if Assigned(_Variables.P_b_install_cct) then _Variables.b_install_cct:=
    _Variables.P_b_install_cct^;
    if Assigned(_Variables.P_b_lslr_mand) then _Variables.b_lslr_mand:=
    _Variables.P_b_lslr_mand^;
    if Assigned(_Variables.P_b_modify_cct) then _Variables.b_modify_cct:=
    _Variables.P_b_modify_cct^;
    if Assigned(_Variables.P_b_state_cct_treatment_install) then
    _Variables.b_state_cct_treatment_install:=
    _Variables.P_b_state_cct_treatment_install^;
    if Assigned(_Variables.P_b_state_cct_treatment_mod) then
    _Variables.b_state_cct_treatment_mod:= _Variables.P_b_state_cct_treatment_mod^;
    if Assigned(_Variables.P_b_state_two) then _Variables.b_state_two:=
    _Variables.P_b_state_two^;
    if Assigned(_Variables.P_cct_dssa_cost_p) then _Variables.cct_dssa_cost_p:=
    _Variables.P_cct_dssa_cost_p^;
    if Assigned(_Variables.P_cct_dssa_cost_umra) then _Variables.cct_dssa_cost_umra:=
    _Variables.P_cct_dssa_cost_umra^;
    if Assigned(_Variables.P_cct_dssa_cost_umra_om) then
    _Variables.cct_dssa_cost_umra_om:= _Variables.P_cct_dssa_cost_umra_om^;
    if Assigned(_Variables.P_cct_existing_cost) then _Variables.cct_existing_cost:=
    _Variables.P_cct_existing_cost^;
    if Assigned(_Variables.P_cct_install_cost) then _Variables.cct_install_cost:=
    _Variables.P_cct_install_cost^;
    if Assigned(_Variables.P_cct_install_cost_p) then _Variables.cct_install_cost_p:=
    _Variables.P_cct_install_cost_p^;
    if Assigned(_Variables.P_cct_install_cost_umra) then
    _Variables.cct_install_cost_umra:= _Variables.P_cct_install_cost_umra^;
    if Assigned(_Variables.P_cct_install_cost_umra_om) then
    _Variables.cct_install_cost_umra_om:= _Variables.P_cct_install_cost_umra_om^;
    if Assigned(_Variables.P_cct_modify_cost) then _Variables.cct_modify_cost:=
    _Variables.P_cct_modify_cost^;
    if Assigned(_Variables.P_cct_modify_cost_p) then _Variables.cct_modify_cost_p:=
    _Variables.P_cct_modify_cost_p^;
    if Assigned(_Variables.P_cct_modify_cost_umra) then
    _Variables.cct_modify_cost_umra:= _Variables.P_cct_modify_cost_umra^;
    if Assigned(_Variables.P_cct_modify_cost_umra_om) then
    _Variables.cct_modify_cost_umra_om:= _Variables.P_cct_modify_cost_umra_om^;
    if Assigned(_Variables.P_cost_ale_other) then _Variables.cost_ale_other:=
    _Variables.P_cost_ale_other^;
    if Assigned(_Variables.P_cost_cct_study_dem) then _Variables.cost_cct_study_dem:=
    _Variables.P_cost_cct_study_dem^;
    if Assigned(_Variables.P_cost_cct_study_desk) then
    _Variables.cost_cct_study_desk:= _Variables.P_cost_cct_study_desk^;
    if Assigned(_Variables.P_cost_commercial_lab) then
    _Variables.cost_commercial_lab:= _Variables.P_cost_commercial_lab^;
    if Assigned(_Variables.P_cost_commercial_lsl_plslr) then

```

```

_Variables.cost_commercial_lsl_plslr:= _Variables.P_cost_commercial_lsl_plslr^;
  if Assigned(_Variables.P_cost_cust_lt) then _Variables.cost_cust_lt:=
_Variables.P_cost_cust_lt^;
  if Assigned(_Variables.P_cost_cust_plslr) then _Variables.cost_cust_plslr:=
_Variables.P_cost_cust_plslr^;
  if Assigned(_Variables.P_cost_ep_wqp_material) then
_Variables.cost_ep_wqp_material:= _Variables.P_cost_ep_wqp_material^;
  if Assigned(_Variables.P_cost_ep_wqp_ortho_material) then
_Variables.cost_ep_wqp_ortho_material:= _Variables.P_cost_ep_wqp_ortho_material^;
  if Assigned(_Variables.P_cost_ep_wqp_ph_material) then
_Variables.cost_ep_wqp_ph_material:= _Variables.P_cost_ep_wqp_ph_material^;
  if Assigned(_Variables.P_cost_incentive) then _Variables.cost_incentive:=
_Variables.P_cost_incentive^;
  if Assigned(_Variables.P_cost_lab_lsl_plslr) then _Variables.cost_lab_lsl_plslr:=
_Variables.P_cost_lab_lsl_plslr^;
  if Assigned(_Variables.P_cost_lab_lt_samp) then _Variables.cost_lab_lt_samp:=
_Variables.P_cost_lab_lt_samp^;
  if Assigned(_Variables.P_cost_lab_ortho_wqp) then _Variables.cost_lab_ortho_wqp:=
_Variables.P_cost_lab_ortho_wqp^;
  if Assigned(_Variables.P_cost_lab_ph_wqp) then _Variables.cost_lab_ph_wqp:=
_Variables.P_cost_lab_ph_wqp^;
  if Assigned(_Variables.P_cost_lab_wqp) then _Variables.cost_lab_wqp:=
_Variables.P_cost_lab_wqp^;
  if Assigned(_Variables.P_cost_lab_wqp_ep) then _Variables.cost_lab_wqp_ep:=
_Variables.P_cost_lab_wqp_ep^;
  if Assigned(_Variables.P_cost_lab_wqp_ortho_ep) then
_Variables.cost_lab_wqp_ortho_ep:= _Variables.P_cost_lab_wqp_ortho_ep^;
  if Assigned(_Variables.P_cost_lab_wqp_ph_ep) then _Variables.cost_lab_wqp_ph_ep:=
_Variables.P_cost_lab_wqp_ph_ep^;
  if Assigned(_Variables.P_cost_lcr_lslr_out) then _Variables.cost_lcr_lslr_out:=
_Variables.P_cost_lcr_lslr_out^;
  if Assigned(_Variables.P_cost_lsl_samp) then _Variables.cost_lsl_samp:=
_Variables.P_cost_lsl_samp^;
  if Assigned(_Variables.P_cost_lslr_lsl_ccemg_vol_hh) then
_Variables.cost_lslr_lsl_ccemg_vol_hh:= _Variables.P_cost_lslr_lsl_ccemg_vol_hh^;
  if Assigned(_Variables.P_cost_lslr_lsl_ccemg_vol_pws) then
_Variables.cost_lslr_lsl_ccemg_vol_pws:= _Variables.P_cost_lslr_lsl_ccemg_vol_pws^;
  if Assigned(_Variables.P_cost_lslr_lsl_reg_vol_hh) then
_Variables.cost_lslr_lsl_reg_vol_hh:= _Variables.P_cost_lslr_lsl_reg_vol_hh^;
  if Assigned(_Variables.P_cost_lslr_lsl_reg_vol_pws) then
_Variables.cost_lslr_lsl_reg_vol_pws:= _Variables.P_cost_lslr_lsl_reg_vol_pws^;
  if Assigned(_Variables.P_cost_lt_samp) then _Variables.cost_lt_samp:=
_Variables.P_cost_lt_samp^;
  if Assigned(_Variables.P_cost_ntncws_cust_lt) then
_Variables.cost_ntncws_cust_lt:= _Variables.P_cost_ntncws_cust_lt^;
  if Assigned(_Variables.P_cost_ntncws_pe_lcr_delivery) then
_Variables.cost_ntncws_pe_lcr_delivery:= _Variables.P_cost_ntncws_pe_lcr_delivery^;
  if Assigned(_Variables.P_cost_pe_lcr_delivery) then
_Variables.cost_pe_lcr_delivery:= _Variables.P_cost_pe_lcr_delivery^;
  if Assigned(_Variables.P_cost_pe_lead_ale) then _Variables.cost_pe_lead_ale:=

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_Variables.P_cost_pe_lead_ale^;
  if Assigned(_Variables.P_cost_pickup_samp) then _Variables.cost_pickup_samp:=
_Variables.P_cost_pickup_samp^;
  if Assigned(_Variables.P_cost_pr) then _Variables.cost_pr:= _Variables.P_cost_pr^;
  if Assigned(_Variables.P_cost_prior_notif) then _Variables.cost_prior_notif:=
_Variables.P_cost_prior_notif^;
  if Assigned(_Variables.P_cost_replaced_lsl_contact) then
_Variables.cost_replaced_lsl_contact:= _Variables.P_cost_replaced_lsl_contact^;
  if Assigned(_Variables.P_cost_revise_cct) then _Variables.cost_revise_cct:=
_Variables.P_cost_revise_cct^;
  if Assigned(_Variables.P_cost_source) then _Variables.cost_source:=
_Variables.P_cost_source^;
  if Assigned(_Variables.P_cost_source_analyze) then
_Variables.cost_source_analyze:= _Variables.P_cost_source_analyze^;
  if Assigned(_Variables.P_cost_source_material) then
_Variables.cost_source_material:= _Variables.P_cost_source_material^;
  if Assigned(_Variables.P_cost_wqp_analyze) then _Variables.cost_wqp_analyze:=
_Variables.P_cost_wqp_analyze^;
  if Assigned(_Variables.P_cost_wqp_analyze_ep) then
_Variables.cost_wqp_analyze_ep:= _Variables.P_cost_wqp_analyze_ep^;
  if Assigned(_Variables.P_cost_wqp_analyze_ortho_ep) then
_Variables.cost_wqp_analyze_ortho_ep:= _Variables.P_cost_wqp_analyze_ortho_ep^;
  if Assigned(_Variables.P_cost_wqp_analyze_ph_ep) then
_Variables.cost_wqp_analyze_ph_ep:= _Variables.P_cost_wqp_analyze_ph_ep^;
  if Assigned(_Variables.P_cost_wqp_material) then _Variables.cost_wqp_material:=
_Variables.P_cost_wqp_material^;
  if Assigned(_Variables.P_cost_wqp_material_ortho) then
_Variables.cost_wqp_material_ortho:= _Variables.P_cost_wqp_material_ortho^;
  if Assigned(_Variables.P_cost_wqp_material_ph) then
_Variables.cost_wqp_material_ph:= _Variables.P_cost_wqp_material_ph^;
  if Assigned(_Variables.P_cost_wqp_ortho_analyze) then
_Variables.cost_wqp_ortho_analyze:= _Variables.P_cost_wqp_ortho_analyze^;
  if Assigned(_Variables.P_cost_wqp_ph_analyze) then
_Variables.cost_wqp_ph_analyze:= _Variables.P_cost_wqp_ph_analyze^;
  if Assigned(_Variables.P_hh_remain_lsl) then _Variables.hh_remain_lsl:=
_Variables.P_hh_remain_lsl^;
  if Assigned(_Variables.P_hrs_ale_consult_js) then _Variables.hrs_ale_consult_js:=
_Variables.P_hrs_ale_consult_js^;
  if Assigned(_Variables.P_hrs_ale_consult_op) then _Variables.hrs_ale_consult_op:=
_Variables.P_hrs_ale_consult_op^;
  if Assigned(_Variables.P_hrs_ale_lang_js) then _Variables.hrs_ale_lang_js:=
_Variables.P_hrs_ale_lang_js^;
  if Assigned(_Variables.P_hrs_ale_other_op) then _Variables.hrs_ale_other_op:=
_Variables.P_hrs_ale_other_op^;
  if Assigned(_Variables.P_hrs_analyze_lsl_plslr_op) then
_Variables.hrs_analyze_lsl_plslr_op:= _Variables.P_hrs_analyze_lsl_plslr_op^;
  if Assigned(_Variables.P_hrs_analyze_samp_op) then
_Variables.hrs_analyze_samp_op:= _Variables.P_hrs_analyze_samp_op^;
  if Assigned(_Variables.P_hrs_annual_lt_js) then _Variables.hrs_annual_lt_js:=
_Variables.P_hrs_annual_lt_js^;

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    if Assigned(_Variables.P_hrs_annual_lt_op) then _Variables.hrs_annual_lt_op:=
_Variables.P_hrs_annual_lt_op^;
    if Assigned(_Variables.P_hrs_cert_cust_lt_js) then
_Variables.hrs_cert_cust_lt_js:= _Variables.P_hrs_cert_cust_lt_js^;
    if Assigned(_Variables.P_hrs_cert_cust_lt_op) then
_Variables.hrs_cert_cust_lt_op:= _Variables.P_hrs_cert_cust_lt_op^;
    if Assigned(_Variables.P_hrs_cert_outreach_annual_js) then
_Variables.hrs_cert_outreach_annual_js:= _Variables.P_hrs_cert_outreach_annual_js^;
    if Assigned(_Variables.P_hrs_cert_outreach_annual_op) then
_Variables.hrs_cert_outreach_annual_op:= _Variables.P_hrs_cert_outreach_annual_op^;
    if Assigned(_Variables.P_hrs_chng_tap_js) then _Variables.hrs_chng_tap_js:=
_Variables.P_hrs_chng_tap_js^;
    if Assigned(_Variables.P_hrs_chng_tap_op) then _Variables.hrs_chng_tap_op:=
_Variables.P_hrs_chng_tap_op^;
    if Assigned(_Variables.P_hrs_collect_lsl_plslr_op) then
_Variables.hrs_collect_lsl_plslr_op:= _Variables.P_hrs_collect_lsl_plslr_op^;
    if Assigned(_Variables.P_hrs_coop_source_chng_red_js) then
_Variables.hrs_coop_source_chng_red_js:= _Variables.P_hrs_coop_source_chng_red_js^;
    if Assigned(_Variables.P_hrs_coop_source_chng_red_op) then
_Variables.hrs_coop_source_chng_red_op:= _Variables.P_hrs_coop_source_chng_red_op^;
    if Assigned(_Variables.P_hrs_coop_treat_chng_red_js) then
_Variables.hrs_coop_treat_chng_red_js:= _Variables.P_hrs_coop_treat_chng_red_js^;
    if Assigned(_Variables.P_hrs_coop_treat_chng_red_op) then
_Variables.hrs_coop_treat_chng_red_op:= _Variables.P_hrs_coop_treat_chng_red_op^;
    if Assigned(_Variables.P_hrs_coord_epa_js) then _Variables.hrs_coord_epa_js:=
_Variables.P_hrs_coord_epa_js^;
    if Assigned(_Variables.P_hrs_discuss_samp_op) then
_Variables.hrs_discuss_samp_op:= _Variables.P_hrs_discuss_samp_op^;
    if Assigned(_Variables.P_hrs_distr_agencies_pe_op) then
_Variables.hrs_distr_agencies_pe_op:= _Variables.P_hrs_distr_agencies_pe_op^;
    if Assigned(_Variables.P_hrs_distr_edu_op) then _Variables.hrs_distr_edu_op:=
_Variables.P_hrs_distr_edu_op^;
    if Assigned(_Variables.P_hrs_ep_wqp_op) then _Variables.hrs_ep_wqp_op:=
_Variables.P_hrs_ep_wqp_op^;
    if Assigned(_Variables.P_hrs_ha_op) then _Variables.hrs_ha_op:=
_Variables.P_hrs_ha_op^;
    if Assigned(_Variables.P_hrs_inform_samp_op) then _Variables.hrs_inform_samp_op:=
_Variables.P_hrs_inform_samp_op^;
    if Assigned(_Variables.P_hrs_lcr_cct_js) then _Variables.hrs_lcr_cct_js:=
_Variables.P_hrs_lcr_cct_js^;
    if Assigned(_Variables.P_hrs_lcr_lslr_out_deliv_op) then
_Variables.hrs_lcr_lslr_out_deliv_op:= _Variables.P_hrs_lcr_lslr_out_deliv_op^;
    if Assigned(_Variables.P_hrs_lcr_lslr_out_op) then
_Variables.hrs_lcr_lslr_out_op:= _Variables.P_hrs_lcr_lslr_out_op^;
    if Assigned(_Variables.P_hrs_lcr_lslr_prior_op) then
_Variables.hrs_lcr_lslr_prior_op:= _Variables.P_hrs_lcr_lslr_prior_op^;
    if Assigned(_Variables.P_hrs_lcr_study_js) then _Variables.hrs_lcr_study_js:=
_Variables.P_hrs_lcr_study_js^;
    if Assigned(_Variables.P_hrs_ntncws_distr_edu_op) then
_Variables.hrs_ntncws_distr_edu_op:= _Variables.P_hrs_ntncws_distr_edu_op^;

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    if Assigned(_Variables.P_hrs_ntncws_inform_samp_op) then
    _Variables.hrs_ntncws_inform_samp_op:= _Variables.P_hrs_ntncws_inform_samp_op^;
    if Assigned(_Variables.P_hrs_pe_al_devel_op) then _Variables.hrs_pe_al_devel_op:=
    _Variables.P_hrs_pe_al_devel_op^;
    if Assigned(_Variables.P_hrs_pe_certify_quarterly_js) then
    _Variables.hrs_pe_certify_quarterly_js:= _Variables.P_hrs_pe_certify_quarterly_js^;
    if Assigned(_Variables.P_hrs_pe_certify_quarterly_op) then
    _Variables.hrs_pe_certify_quarterly_op:= _Variables.P_hrs_pe_certify_quarterly_op^;
    if Assigned(_Variables.P_hrs_pickup_samp_op) then _Variables.hrs_pickup_samp_op:=
    _Variables.P_hrs_pickup_samp_op^;
    if Assigned(_Variables.P_hrs_pr_op) then _Variables.hrs_pr_op:=
    _Variables.P_hrs_pr_op^;
    if Assigned(_Variables.P_hrs_prior_notif_op) then _Variables.hrs_prior_notif_op:=
    _Variables.P_hrs_prior_notif_op^;
    if Assigned(_Variables.P_hrs_renew_nine_js) then _Variables.hrs_renew_nine_js:=
    _Variables.P_hrs_renew_nine_js^;
    if Assigned(_Variables.P_hrs_renew_nine_op) then _Variables.hrs_renew_nine_op:=
    _Variables.P_hrs_renew_nine_op^;
    if Assigned(_Variables.P_hrs_replaced_lsl_contact_op) then
    _Variables.hrs_replaced_lsl_contact_op:= _Variables.P_hrs_replaced_lsl_contact_op^;
    if Assigned(_Variables.P_hrs_report_lcr_js) then _Variables.hrs_report_lcr_js:=
    _Variables.P_hrs_report_lcr_js^;
    if Assigned(_Variables.P_hrs_report_lcr_op) then _Variables.hrs_report_lcr_op:=
    _Variables.P_hrs_report_lcr_op^;
    if Assigned(_Variables.P_hrs_report_plslr_js) then
    _Variables.hrs_report_plslr_js:= _Variables.P_hrs_report_plslr_js^;
    if Assigned(_Variables.P_hrs_report_plslr_op) then
    _Variables.hrs_report_plslr_op:= _Variables.P_hrs_report_plslr_op^;
    if Assigned(_Variables.P_hrs_report_source_op) then
    _Variables.hrs_report_source_op:= _Variables.P_hrs_report_source_op^;
    if Assigned(_Variables.P_hrs_report_wqp_op) then _Variables.hrs_report_wqp_op:=
    _Variables.P_hrs_report_wqp_op^;
    if Assigned(_Variables.P_hrs_reset_owqp_js) then _Variables.hrs_reset_owqp_js:=
    _Variables.P_hrs_reset_owqp_js^;
    if Assigned(_Variables.P_hrs_review_cct_lead_js) then
    _Variables.hrs_review_cct_lead_js:= _Variables.P_hrs_review_cct_lead_js^;
    if Assigned(_Variables.P_hrs_samp_invalid_js) then
    _Variables.hrs_samp_invalid_js:= _Variables.P_hrs_samp_invalid_js^;
    if Assigned(_Variables.P_hrs_samp_invalid_op) then
    _Variables.hrs_samp_invalid_op:= _Variables.P_hrs_samp_invalid_op^;
    if Assigned(_Variables.P_hrs_samp_reject_op) then _Variables.hrs_samp_reject_op:=
    _Variables.P_hrs_samp_reject_op^;
    if Assigned(_Variables.P_hrs_samp_volunt_op) then _Variables.hrs_samp_volunt_op:=
    _Variables.P_hrs_samp_volunt_op^;
    if Assigned(_Variables.P_hrs_sdwis_js) then _Variables.hrs_sdwis_js:=
    _Variables.P_hrs_sdwis_js^;
    if Assigned(_Variables.P_hrs_set_owqp_js) then _Variables.hrs_set_owqp_js:=
    _Variables.P_hrs_set_owqp_js^;
    if Assigned(_Variables.P_hrs_source_js) then _Variables.hrs_source_js:=
    _Variables.P_hrs_source_js^;

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    if Assigned(_Variables.P_hrs_source_op) then _Variables.hrs_source_op:=
_Variables.P_hrs_source_op^;
    if Assigned(_Variables.P_hrs_submit_wq_data_op) then
_Variables.hrs_submit_wq_data_op:= _Variables.P_hrs_submit_wq_data_op^;
    if Assigned(_Variables.P_hrs_ta_js) then _Variables.hrs_ta_js:=
_Variables.P_hrs_ta_js^;
    if Assigned(_Variables.P_hrs_train_ann_js) then _Variables.hrs_train_ann_js:=
_Variables.P_hrs_train_ann_js^;
    if Assigned(_Variables.P_hrs_web_op) then _Variables.hrs_web_op:=
_Variables.P_hrs_web_op^;
    if Assigned(_Variables.P_hrs_wqp_analyze_dist_op) then
_Variables.hrs_wqp_analyze_dist_op:= _Variables.P_hrs_wqp_analyze_dist_op^;
    if Assigned(_Variables.P_hrs_wqp_analyze_ep_op) then
_Variables.hrs_wqp_analyze_ep_op:= _Variables.P_hrs_wqp_analyze_ep_op^;
    if Assigned(_Variables.P_hrs_wqp_analyze_ortho_ep_op) then
_Variables.hrs_wqp_analyze_ortho_ep_op:= _Variables.P_hrs_wqp_analyze_ortho_ep_op^;
    if Assigned(_Variables.P_hrs_wqp_analyze_ortho_op) then
_Variables.hrs_wqp_analyze_ortho_op:= _Variables.P_hrs_wqp_analyze_ortho_op^;
    if Assigned(_Variables.P_hrs_wqp_analyze_ph_ep_op) then
_Variables.hrs_wqp_analyze_ph_ep_op:= _Variables.P_hrs_wqp_analyze_ph_ep_op^;
    if Assigned(_Variables.P_hrs_wqp_analyze_ph_op) then
_Variables.hrs_wqp_analyze_ph_op:= _Variables.P_hrs_wqp_analyze_ph_op^;
    if Assigned(_Variables.P_hrs_wqp_js) then _Variables.hrs_wqp_js:=
_Variables.P_hrs_wqp_js^;
    if Assigned(_Variables.P_hrs_wqp_op) then _Variables.hrs_wqp_op:=
_Variables.P_hrs_wqp_op^;
    if Assigned(_Variables.P_num_lsl_testout) then _Variables.num_lsl_testout:=
_Variables.P_num_lsl_testout^;
    if Assigned(_Variables.P_num_lslr_lsl_replace) then
_Variables.num_lslr_lsl_replace:= _Variables.P_num_lslr_lsl_replace^;
    if Assigned(_Variables.P_num_lslr_partial_replace) then
_Variables.num_lslr_partial_replace:= _Variables.P_num_lslr_partial_replace^;
    if Assigned(_Variables.P_numb_enhance_wqp) then _Variables.numb_enhance_wqp:=
_Variables.P_numb_enhance_wqp^;
    if Assigned(_Variables.P_numb_ep) then _Variables.numb_ep:= _Variables.P_numb_ep^;
    if Assigned(_Variables.P_numb_ep_wqp) then _Variables.numb_ep_wqp:=
_Variables.P_numb_ep_wqp^;
    if Assigned(_Variables.P_numb_ha) then _Variables.numb_ha:= _Variables.P_numb_ha^;
    if Assigned(_Variables.P_numb_hh) then _Variables.numb_hh:= _Variables.P_numb_hh^;
    if Assigned(_Variables.P_numb_lcr_other_org) then _Variables.numb_lcr_other_org:=
_Variables.P_numb_lcr_other_org^;
    if Assigned(_Variables.P_numb_reduced_tap) then _Variables.numb_reduced_tap:=
_Variables.P_numb_reduced_tap^;
    if Assigned(_Variables.P_numb_reduced_wqp) then _Variables.numb_reduced_wqp:=
_Variables.P_numb_reduced_wqp^;
    if Assigned(_Variables.P_numb_samp_customer) then _Variables.numb_samp_customer:=
_Variables.P_numb_samp_customer^;
    if Assigned(_Variables.P_numb_samp_plslr) then _Variables.numb_samp_plslr:=
_Variables.P_numb_samp_plslr^;
    if Assigned(_Variables.P_numb_samp_test) then _Variables.numb_samp_test:=

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_Variables.P_numb_samp_test^;
  if Assigned(_Variables.P_numb_st_sample) then _Variables.numb_st_sample:=
_Variables.P_numb_st_sample^;
  if Assigned(_Variables.P_p_copper_ale) then _Variables.p_copper_ale:=
_Variables.P_p_copper_ale^;
  if Assigned(_Variables.P_p_demo_study) then _Variables.p_demo_study:=
_Variables.P_p_demo_study^;
  if Assigned(_Variables.P_p_incentive) then _Variables.p_incentive:=
_Variables.P_p_incentive^;
  if Assigned(_Variables.P_p_source_chng) then _Variables.p_source_chng:=
_Variables.P_p_source_chng^;
  if Assigned(_Variables.P_p_tap_annual) then _Variables.p_tap_annual:=
_Variables.P_p_tap_annual^;
  if Assigned(_Variables.P_p_tap_nine) then _Variables.p_tap_nine:=
_Variables.P_p_tap_nine^;
  if Assigned(_Variables.P_p_tap_triennial) then _Variables.p_tap_triennial:=
_Variables.P_p_tap_triennial^;
  if Assigned(_Variables.P_p_treat_change) then _Variables.p_treat_change:=
_Variables.P_p_treat_change^;
  if Assigned(_Variables.P_p_wqp_all) then _Variables.p_wqp_all:=
_Variables.P_p_wqp_all^;
  if Assigned(_Variables.P_p_wqp_annual) then _Variables.p_wqp_annual:=
_Variables.P_p_wqp_annual^;
  if Assigned(_Variables.P_p_wqp_cond) then _Variables.p_wqp_cond:=
_Variables.P_p_wqp_cond^;
  if Assigned(_Variables.P_p_wqp_six_red) then _Variables.p_wqp_six_red:=
_Variables.P_p_wqp_six_red^;
  if Assigned(_Variables.P_p_wqp_triennial) then _Variables.p_wqp_triennial:=
_Variables.P_p_wqp_triennial^;
  if Assigned(_Variables.P_pbaseph) then _Variables.pbaseph:= _Variables.P_pbaseph^;
  if Assigned(_Variables.P_pbasephpo4) then _Variables.pbasephpo4:=
_Variables.P_pbasephpo4^;
  if Assigned(_Variables.P_pbasepo4) then _Variables.pbasepo4:=
_Variables.P_pbasepo4^;
  if Assigned(_Variables.P_pp_commercial_samp) then _Variables.pp_commercial_samp:=
_Variables.P_pp_commercial_samp^;
  if Assigned(_Variables.P_pp_hh_return_samp) then _Variables.pp_hh_return_samp:=
_Variables.P_pp_hh_return_samp^;
  if Assigned(_Variables.P_pp_lab_samp) then _Variables.pp_lab_samp:=
_Variables.P_pp_lab_samp^;
  if Assigned(_Variables.P_pp_lslr_cap_emerg) then _Variables.pp_lslr_cap_emerg:=
_Variables.P_pp_lslr_cap_emerg^;
  if Assigned(_Variables.P_pp_samp_invalid) then _Variables.pp_samp_invalid:=
_Variables.P_pp_samp_invalid^;
  if Assigned(_Variables.P_pp_samp_reject) then _Variables.pp_samp_reject:=
_Variables.P_pp_samp_reject^;
  if Assigned(_Variables.P_pws_cct) then _Variables.pws_cct:= _Variables.P_pws_cct^;
  if Assigned(_Variables.P_pws_first_ale) then _Variables.pws_first_ale:=
_Variables.P_pws_first_ale^;
  if Assigned(_Variables.P_pws_gw) then _Variables.pws_gw:= _Variables.P_pws_gw^;

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if Assigned(_Variables.P_pws_pop) then _Variables.pws_pop:= _Variables.P_pws_pop^;
if Assigned(_Variables.P_pws_sw) then _Variables.pws_sw:= _Variables.P_pws_sw^;
if Assigned(_Variables.P_rate_js) then _Variables.rate_js:= _Variables.P_rate_js^;
if Assigned(_Variables.P_rate_op) then _Variables.rate_op:= _Variables.P_rate_op^;

end;

procedure TLSRCompiledCostBaselineLCR._Evaluate(const Yr : integer);
begin
  _Reset(False);
  _LoadVars();
  with _Variables do begin

    //system_report_tap_change row: 6
    _CalcCost[4] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine));
    inc(TotEval);
    if _CalcCost[4] > 0 then begin
      _Cost[4] := 2*(hrs_chng_tap_op*rate_op);
      inc(TotEval);
      _OM[4] := 0;
    end;
    inc(TotEval);
    end;

    //state_review_tap_change row: 7
    _CalcCost[5] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine));
    inc(TotEval);
    if _CalcCost[5] > 0 then begin
      _Cost[5] := 2*(hrs_chng_tap_js*rate_js);
      inc(TotEval);
      _OM[5] := 0;
    end;
    inc(TotEval);
    end;

    //system_volunt_lt row: 8
    _CalcCost[6] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine));
    inc(TotEval);
    if _CalcCost[6] > 0 then begin
      _Cost[6] :=
2*(numb_samp_customer+(numb_samp_customer*(1-pp_hh_return_samp)))+(numb_samp_customer
*pp_samp_invalid)+(numb_samp_customer*pp_samp_reject))*(hrs_samp_volunt_op*rate_op);
      inc(TotEval);
      _OM[6] := 0;
    end;
    inc(TotEval);
    end;

    //system_incentive_lt row: 9
    _CalcCost[7] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine))*p_incentive;
    inc(TotEval);
    if _CalcCost[7] > 0 then begin
      _Cost[7] := 2*((numb_samp_customer)*cost_incentive);

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        inc(TotEval);
        _OM[7] := 0;
    inc(TotEval);
end;

//system_hrs_discuss_baseline_lt row: 10
_CalcCost[8] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine));
inc(TotEval);
if _CalcCost[8] > 0 then begin
    _Cost[8] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*((hrs_discuss_samp_op*rate
_op)));
    inc(TotEval);
    _OM[8] := 0;
    inc(TotEval);
end;

//system_discuss_baseline_lt row: 11
_CalcCost[9] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-b_state_two);
inc(TotEval);
if _CalcCost[9] > 0 then begin
    _Cost[9] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_lt_samp);
    inc(TotEval);
    _OM[9] := 0;
    inc(TotEval);
end;

//state_discuss_baseline_lt row: 12
_CalcCost[10] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine))*b_state_two;
inc(TotEval);
if _CalcCost[10] > 0 then begin
    _Cost[10] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_lt_samp);
    inc(TotEval);
    _OM[10] := 0;
    inc(TotEval);
end;

//system_discuss_baseline_lt_ntncws row: 13
_CalcCost[11] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-b_state_two);
inc(TotEval);
if _CalcCost[11] > 0 then begin
    _Cost[11] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid))*cost_lt_samp);
    inc(TotEval);
    _OM[11] := 0;

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inc(TotEval);
end;

//state_discuss_baseline_lt_ntncws row: 14
_CalcCost[12] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine))*b_state_two;
inc(TotEval);
if _CalcCost[12] > 0 then begin
    _Cost[12] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid))*cost_lt_samp);
    inc(TotEval);
    _OM[12] := 0;
inc(TotEval);
end;

//system_pickup_baseline_lt row: 15
_CalcCost[13] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine));
inc(TotEval);
if _CalcCost[13] > 0 then begin
    _Cost[13] :=
2*(numb_samp_customer+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp
_hh_return_samp))+(numb_samp_customer*pp_samp_reject))*((hrs_pickup_samp_op*rate_op)
+cost_pickup_samp);
    inc(TotEval);
    _OM[13] := 0;
inc(TotEval);
end;

//system_reject_baseline_lt row: 16
_CalcCost[14] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine));
inc(TotEval);
if _CalcCost[14] > 0 then begin
    _Cost[14] :=
2*(numb_samp_customer*pp_samp_reject)*(hrs_samp_reject_op*rate_op);
    inc(TotEval);
    _OM[14] := 0;
inc(TotEval);
end;

//system_analyze_baseline_lt row: 17
_CalcCost[15] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-b_state_two);
inc(TotEval);
if _CalcCost[15] > 0 then begin
    _Cost[15] :=
2*(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_an
alyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*
pp_samp_invalid))*pp_commercial_samp)*cost_commercial_lab));
    inc(TotEval);
    _OM[15] := 0;
inc(TotEval);
end;

```

```

//state_analyze_baseline_lt row: 18
_CalcCost[16] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine))*b_state_two;
inc(TotEval);
if _CalcCost[16] > 0 then begin
    _Cost[16] :=
2*(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_an
alyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*
pp_samp_invalid))*pp_commercial_samp)*cost_commercial_lab));
    inc(TotEval);
    _OM[16] := 0;
    inc(TotEval);
end;

//system_invalid_baseline_lt row: 19
_CalcCost[17] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine));
inc(TotEval);
if _CalcCost[17] > 0 then begin
    _Cost[17] :=
2*(numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op);
    inc(TotEval);
    _OM[17] := 0;
    inc(TotEval);
end;

//state_invalid_baseline_lt row: 20
_CalcCost[18] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine));
inc(TotEval);
if _CalcCost[18] > 0 then begin
    _Cost[18] :=
2*(numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js);
    inc(TotEval);
    _OM[18] := 0;
    inc(TotEval);
end;

//system_annual_lt row: 21
_CalcCost[19] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-b_state_two);
inc(TotEval);
if _CalcCost[19] > 0 then begin
    _Cost[19] := 2*(hrs_annual_lt_op*rate_op);
    inc(TotEval);
    _OM[19] := 0;
    inc(TotEval);
end;

//state_burd_annual_lt row: 22
_CalcCost[20] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine))*b_state_two;
inc(TotEval);
if _CalcCost[20] > 0 then begin

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    _Cost[20] := 2*(hrs_annual_lt_op*rate_op);
    inc(TotEval);
    _OM[20] := 0;
    inc(TotEval);
end;

//state_annual_lt row: 23
_CalcCost[21] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-b_state_two);
inc(TotEval);
if _CalcCost[21] > 0 then begin
    _Cost[21] := 2*(hrs_annual_lt_js*rate_js);
    inc(TotEval);
    _OM[21] := 0;
    inc(TotEval);
end;

//system_lt_pe row: 24
_CalcCost[22] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine));
inc(TotEval);
if _CalcCost[22] > 0 then begin
    _Cost[22] :=
2*((numb_samp_customer)*((hrs_inform_samp_op*rate_op)+cost_cust_lt));
    inc(TotEval);
    _OM[22] := 0;
    inc(TotEval);
end;

//system_certify_lt row: 25
_CalcCost[23] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine));
inc(TotEval);
if _CalcCost[23] > 0 then begin
    _Cost[23] := 2*(hrs_cert_cust_lt_op*rate_op);
    inc(TotEval);
    _OM[23] := 0;
    inc(TotEval);
end;

//state_review_lt row: 26
_CalcCost[24] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine));
inc(TotEval);
if _CalcCost[24] > 0 then begin
    _Cost[24] := 2*(hrs_cert_cust_lt_js*rate_js);
    inc(TotEval);
    _OM[24] := 0;
    inc(TotEval);
end;

//system_report_tap_change_annual row: 27
_CalcCost[25] := p_tap_annual;
inc(TotEval);

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if _CalcCost[25] > 0 then begin
    _Cost[25] := (hrs_chng_tap_op*rate_op);
    inc(TotEval);
    _OM[25] := 0;
inc(TotEval);
end;

//state_review_tap_change_annual row: 28
_CalcCost[26] := p_tap_annual;
inc(TotEval);
if _CalcCost[26] > 0 then begin
    _Cost[26] := (hrs_chng_tap_js*rate_js);
    inc(TotEval);
    _OM[26] := 0;
inc(TotEval);
end;

//system_volunt_lt_annual row: 29
_CalcCost[27] := p_tap_annual;
inc(TotEval);
if _CalcCost[27] > 0 then begin
    _Cost[27] :=
(numb_reduced_tap+(numb_reduced_tap*(1-pp_hh_return_samp))+(numb_reduced_tap*pp_samp
_invalid)+(numb_reduced_tap*pp_samp_reject))*(hrs_samp_volunt_op*rate_op);
    inc(TotEval);
    _OM[27] := 0;
inc(TotEval);
end;

//system_incentive_lt_annual row: 30
_CalcCost[28] := p_tap_annual*p_incentive;
inc(TotEval);
if _CalcCost[28] > 0 then begin
    _Cost[28] := (numb_reduced_tap)*cost_incentive;
    inc(TotEval);
    _OM[28] := 0;
inc(TotEval);
end;

//system_hrs_discuss_lt_annual row: 31
_CalcCost[29] := p_tap_annual;
inc(TotEval);
if _CalcCost[29] > 0 then begin
    _Cost[29] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*((hrs_discuss_samp_op*rate_op));
    inc(TotEval);
    _OM[29] := 0;
inc(TotEval);
end;

```

```

//system_discuss_lt_annual row: 32
_CalcCost[30] := p_tap_annual*(1-b_state_two);
inc(TotEval);
if _CalcCost[30] > 0 then begin
    _Cost[30] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*cost_lt_samp;
    inc(TotEval);
    _OM[30] := 0;
    inc(TotEval);
end;

//state_discuss_lt_annual row: 33
_CalcCost[31] := p_tap_annual*b_state_two;
inc(TotEval);
if _CalcCost[31] > 0 then begin
    _Cost[31] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*cost_lt_samp;
    inc(TotEval);
    _OM[31] := 0;
    inc(TotEval);
end;

//system_discuss_lt_annual_ntncws row: 34
_CalcCost[32] := p_tap_annual*(1-b_state_two);
inc(TotEval);
if _CalcCost[32] > 0 then begin
    _Cost[32] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid))*cost_lt_samp;
    inc(TotEval);
    _OM[32] := 0;
    inc(TotEval);
end;

//state_discuss_lt_annual_ntncws row: 35
_CalcCost[33] := p_tap_annual*b_state_two;
inc(TotEval);
if _CalcCost[33] > 0 then begin
    _Cost[33] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid))*cost_lt_samp;
    inc(TotEval);
    _OM[33] := 0;
    inc(TotEval);
end;

//system_pickup_lt_annual row: 36
_CalcCost[34] := p_tap_annual;
inc(TotEval);

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```

    if _CalcCost[34] > 0 then begin
        _Cost[34] :=
(numb_reduced_tap+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_retu
rn_samp)))+(numb_reduced_tap*pp_samp_reject))*((hrs_pickup_samp_op*rate_op)+cost_pick
up_samp);
        inc(TotEval);
        _OM[34] := 0;
        inc(TotEval);
    end;

//system_reject_lt_annual row: 37
_CalcCost[35] := p_tap_annual;
inc(TotEval);
if _CalcCost[35] > 0 then begin
    _Cost[35] := (numb_reduced_tap*pp_samp_reject)*(hrs_samp_reject_op*rate_op);
    inc(TotEval);
    _OM[35] := 0;
    inc(TotEval);
end;

//system_analyze_lt_annual row: 38
_CalcCost[36] := p_tap_annual*(1-b_state_two);
inc(TotEval);
if _CalcCost[36] > 0 then begin
    _Cost[36] :=
((((numb_reduced_tap+(numb_reduced_tap*pp_samp_invalid))*pp_lab_samp)*((hrs_analyze_
samp_op*rate_op)+cost_lab_lt_samp))+(((numb_reduced_tap+(numb_reduced_tap*pp_samp_in
valid))*pp_commercial_samp)*cost_commercial_lab));
    inc(TotEval);
    _OM[36] := 0;
    inc(TotEval);
end;

//state_analyze_lt_annual row: 39
_CalcCost[37] := p_tap_annual*b_state_two;
inc(TotEval);
if _CalcCost[37] > 0 then begin
    _Cost[37] :=
((((numb_reduced_tap+(numb_reduced_tap*pp_samp_invalid))*pp_lab_samp)*((hrs_analyze_
samp_op*rate_op)+cost_lab_lt_samp))+(((numb_reduced_tap+(numb_reduced_tap*pp_samp_in
valid))*pp_commercial_samp)*cost_commercial_lab));
    inc(TotEval);
    _OM[37] := 0;
    inc(TotEval);
end;

//system_invalid_lt_annual row: 40
_CalcCost[38] := p_tap_annual;
inc(TotEval);
if _CalcCost[38] > 0 then begin

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```

    _Cost[38] := (numb_reduced_tap*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op);
    inc(TotEval);
    _OM[38] := 0;
inc(TotEval);
end;

//state_invalid_lt_annual row: 41
_CalcCost[39] := p_tap_annual;
inc(TotEval);
if _CalcCost[39] > 0 then begin
    _Cost[39] := (numb_reduced_tap*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js);
    inc(TotEval);
    _OM[39] := 0;
inc(TotEval);
end;

//system_reduced_annual_report row: 42
_CalcCost[40] := p_tap_annual*(1-b_state_two);
inc(TotEval);
if _CalcCost[40] > 0 then begin
    _Cost[40] := (hrs_annual_lt_op*rate_op);
    inc(TotEval);
    _OM[40] := 0;
inc(TotEval);
end;

//state_burd_reduced_annual_report row: 43
_CalcCost[41] := p_tap_annual*b_state_two;
inc(TotEval);
if _CalcCost[41] > 0 then begin
    _Cost[41] := (hrs_annual_lt_op*rate_op);
    inc(TotEval);
    _OM[41] := 0;
inc(TotEval);
end;

//state_reduced_annual_report row: 44
_CalcCost[42] := p_tap_annual*(1-b_state_two);
inc(TotEval);
if _CalcCost[42] > 0 then begin
    _Cost[42] := (hrs_annual_lt_js*rate_js);
    inc(TotEval);
    _OM[42] := 0;
inc(TotEval);
end;

//system_lt_pe_annual row: 45
_CalcCost[43] := p_tap_annual;
inc(TotEval);
if _CalcCost[43] > 0 then begin

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    _Cost[43] := (numb_reduced_tap)*((hrs_inform_samp_op*rate_op)+cost_cust_lt);
    inc(TotEval);
    _OM[43] := 0;
inc(TotEval);
end;

```

```

//system_reduced_annual_certify row: 46
_CalcCost[44] := p_tap_annual;
inc(TotEval);
if _CalcCost[44] > 0 then begin
    _Cost[44] := (hrs_cert_cust_lt_op*rate_op);
    inc(TotEval);
    _OM[44] := 0;
inc(TotEval);
end;

```

```

//state_reduced_annual_certify row: 47
_CalcCost[45] := p_tap_annual;
inc(TotEval);
if _CalcCost[45] > 0 then begin
    _Cost[45] := (hrs_cert_cust_lt_js*rate_js);
    inc(TotEval);
    _OM[45] := 0;
inc(TotEval);
end;

```

```

//system_report_tap_change_triennial row: 48
_CalcCost[46] := p_tap_triennial;
inc(TotEval);
if _CalcCost[46] > 0 then begin
    _Cost[46] := (hrs_chng_tap_op*rate_op);
    inc(TotEval);
    _OM[46] := 0;
inc(TotEval);
end;

```

```

//state_review_tap_change_triennial row: 49
_CalcCost[47] := p_tap_triennial;
inc(TotEval);
if _CalcCost[47] > 0 then begin
    _Cost[47] := (hrs_chng_tap_js*rate_js);
    inc(TotEval);
    _OM[47] := 0;
inc(TotEval);
end;

```

```

//system_volunt_lt_tri row: 50
_CalcCost[48] := p_tap_triennial;
inc(TotEval);
if _CalcCost[48] > 0 then begin

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        _Cost[48] :=
(numb_reduced_tap+(numb_reduced_tap*(1-pp_hh_return_samp))+(numb_reduced_tap*pp_samp
_invalid)+(numb_reduced_tap*pp_samp_reject))*(hrs_samp_volunt_op*rate_op);
        inc(TotEval);
        _OM[48] := 0;
        inc(TotEval);
        end;

//system_incentive_lt_tri row: 51
_CalcCost[49] := p_tap_triennial*p_incentive;
inc(TotEval);
if _CalcCost[49] > 0 then begin
    _Cost[49] := (numb_reduced_tap)*cost_incentive;
    inc(TotEval);
    _OM[49] := 0;
    inc(TotEval);
end;

//system_hrs_discuss_lt_tri row: 52
_CalcCost[50] := p_tap_triennial;
inc(TotEval);
if _CalcCost[50] > 0 then begin
    _Cost[50] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp))+(numb_reduced_tap*pp_samp_reject))*(hrs_discuss_samp_op*rate_op);
    inc(TotEval);
    _OM[50] := 0;
    inc(TotEval);
end;

//system_discuss_lt_tri row: 53
_CalcCost[51] := p_tap_triennial*(1-b_state_two);
inc(TotEval);
if _CalcCost[51] > 0 then begin
    _Cost[51] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp))+(numb_reduced_tap*pp_samp_reject))*cost_lt_samp;
    inc(TotEval);
    _OM[51] := 0;
    inc(TotEval);
end;

//state_discuss_lt_tri row: 54
_CalcCost[52] := p_tap_triennial*b_state_two;
inc(TotEval);
if _CalcCost[52] > 0 then begin
    _Cost[52] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp))+(numb_reduced_tap*pp_samp_reject))*cost_lt_samp;
    inc(TotEval);

```

```

    _OM[52] := 0;
    inc(TotEval);
end;

//system_discuss_lt_tri_ntncws row: 55
_CalcCost[53] := p_tap_triennial*(1-b_state_two);
inc(TotEval);
if _CalcCost[53] > 0 then begin
    _Cost[53] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid))*cost_lt_samp;
    inc(TotEval);
    _OM[53] := 0;
    inc(TotEval);
end;

//state_discuss_lt_tri_ntncws row: 56
_CalcCost[54] := p_tap_triennial*b_state_two;
inc(TotEval);
if _CalcCost[54] > 0 then begin
    _Cost[54] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid))*cost_lt_samp;
    inc(TotEval);
    _OM[54] := 0;
    inc(TotEval);
end;

//system_pickup_lt_tri row: 57
_CalcCost[55] := p_tap_triennial;
inc(TotEval);
if _CalcCost[55] > 0 then begin
    _Cost[55] :=
(numb_reduced_tap+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_retu
rn_samp)))+(numb_reduced_tap*pp_samp_reject))*((hrs_pickup_samp_op*rate_op)+cost_pick
up_samp);
    inc(TotEval);
    _OM[55] := 0;
    inc(TotEval);
end;

//system_reject_lt_tri row: 58
_CalcCost[56] := p_tap_triennial;
inc(TotEval);
if _CalcCost[56] > 0 then begin
    _Cost[56] := (numb_reduced_tap*pp_samp_reject)*(hrs_samp_reject_op*rate_op);
    inc(TotEval);
    _OM[56] := 0;
    inc(TotEval);
end;

//system_analyze_lt_tri row: 59

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```

    _CalcCost[57] := p_tap_triennial*(1-b_state_two);
    inc(TotEval);
    if _CalcCost[57] > 0 then begin
        _Cost[57] :=
        (((numb_reduced_tap+(numb_reduced_tap*pp_samp_invalid))*pp_lab_samp)*((hrs_analyze_
samp_op*rate_op)+cost_lab_lt_samp))+(((numb_reduced_tap+(numb_reduced_tap*pp_samp_in
valid))*pp_commercial_samp)*cost_commercial_lab));
        inc(TotEval);
        _OM[57] := 0;
        inc(TotEval);
    end;

    //state_analyze_lt_tri row: 60
    _CalcCost[58] := p_tap_triennial*b_state_two;
    inc(TotEval);
    if _CalcCost[58] > 0 then begin
        _Cost[58] :=
        (((numb_reduced_tap+(numb_reduced_tap*pp_samp_invalid))*pp_lab_samp)*((hrs_analyze_
samp_op*rate_op)+cost_lab_lt_samp))+(((numb_reduced_tap+(numb_reduced_tap*pp_samp_in
valid))*pp_commercial_samp)*cost_commercial_lab));
        inc(TotEval);
        _OM[58] := 0;
        inc(TotEval);
    end;

    //system_invalid_lt_tri row: 61
    _CalcCost[59] := p_tap_triennial;
    inc(TotEval);
    if _CalcCost[59] > 0 then begin
        _Cost[59] := (numb_reduced_tap*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op);
        inc(TotEval);
        _OM[59] := 0;
        inc(TotEval);
    end;

    //state_invalid_lt_tri row: 62
    _CalcCost[60] := p_tap_triennial;
    inc(TotEval);
    if _CalcCost[60] > 0 then begin
        _Cost[60] := (numb_reduced_tap*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js);
        inc(TotEval);
        _OM[60] := 0;
        inc(TotEval);
    end;

    //system_reduced_triennial_report row: 63
    _CalcCost[61] := p_tap_triennial*(1-b_state_two);
    inc(TotEval);
    if _CalcCost[61] > 0 then begin
        _Cost[61] := (hrs_annual_lt_op*rate_op);
    end;

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    inc(TotEval);
    _OM[61] := 0;
inc(TotEval);
end;

//state_burd_reduced_triennial_report row: 64
_CalcCost[62] := p_tap_triennial*b_state_two;
inc(TotEval);
if _CalcCost[62] > 0 then begin
    _Cost[62] := (hrs_annual_lt_op*rate_op);
    inc(TotEval);
    _OM[62] := 0;
inc(TotEval);
end;

//state_reduced_triennial_report row: 65
_CalcCost[63] := p_tap_triennial*(1-b_state_two);
inc(TotEval);
if _CalcCost[63] > 0 then begin
    _Cost[63] := (hrs_annual_lt_js*rate_js);
    inc(TotEval);
    _OM[63] := 0;
inc(TotEval);
end;

//system_lt_pe_tri row: 66
_CalcCost[64] := p_tap_triennial;
inc(TotEval);
if _CalcCost[64] > 0 then begin
    _Cost[64] := (numb_reduced_tap)*((hrs_inform_samp_op*rate_op)+cost_cust_lt);
    inc(TotEval);
    _OM[64] := 0;
inc(TotEval);
end;

//system_reduced_triennial_certify row: 67
_CalcCost[65] := p_tap_triennial;
inc(TotEval);
if _CalcCost[65] > 0 then begin
    _Cost[65] := (hrs_cert_cust_lt_op*rate_op);
    inc(TotEval);
    _OM[65] := 0;
inc(TotEval);
end;

//state_reduced_triennial_certify row: 68
_CalcCost[66] := p_tap_triennial;
inc(TotEval);
if _CalcCost[66] > 0 then begin
    _Cost[66] := (hrs_cert_cust_lt_js*rate_js);

```

```

    inc(TotEval);
    _OM[66] := 0;
    inc(TotEval);
end;

//system_report_tap_change_nine row: 69
_CalcCost[67] := p_tap_nine;
inc(TotEval);
if _CalcCost[67] > 0 then begin
    _Cost[67] := (hrs_chng_tap_op*rate_op);
    inc(TotEval);
    _OM[67] := 0;
    inc(TotEval);
end;

//state_review_tap_change_nine row: 70
_CalcCost[68] := p_tap_nine;
inc(TotEval);
if _CalcCost[68] > 0 then begin
    _Cost[68] := (hrs_chng_tap_js*rate_js);
    inc(TotEval);
    _OM[68] := 0;
    inc(TotEval);
end;

//system_volunt_lt_nine row: 71
_CalcCost[69] := p_tap_nine;
inc(TotEval);
if _CalcCost[69] > 0 then begin
    _Cost[69] :=
(numb_reduced_tap+(numb_reduced_tap*(1-pp_hh_return_samp))+(numb_reduced_tap*pp_samp
_invalid)+(numb_reduced_tap*pp_samp_reject))*(hrs_samp_volunt_op*rate_op);
    inc(TotEval);
    _OM[69] := 0;
    inc(TotEval);
end;

//system_incentive_lt_nine row: 72
_CalcCost[70] := p_tap_nine*p_incentive;
inc(TotEval);
if _CalcCost[70] > 0 then begin
    _Cost[70] := (numb_reduced_tap)*cost_incentive;
    inc(TotEval);
    _OM[70] := 0;
    inc(TotEval);
end;

//system_hrs_discuss_lt_nine row: 73
_CalcCost[71] := p_tap_nine;
inc(TotEval);

```

```

    if _CalcCost[71] > 0 then begin
        _Cost[71] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*(hrs_discuss_samp_op*rate_op);
        inc(TotEval);
        _OM[71] := 0;
        inc(TotEval);
    end;

    //system_discuss_lt_nine row: 74
    _CalcCost[72] := p_tap_nine*(1-b_state_two);
    inc(TotEval);
    if _CalcCost[72] > 0 then begin
        _Cost[72] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*cost_lt_samp;
        inc(TotEval);
        _OM[72] := 0;
        inc(TotEval);
    end;

    //state_discuss_lt_nine row: 75
    _CalcCost[73] := p_tap_nine*b_state_two;
    inc(TotEval);
    if _CalcCost[73] > 0 then begin
        _Cost[73] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*cost_lt_samp;
        inc(TotEval);
        _OM[73] := 0;
        inc(TotEval);
    end;

    //system_discuss_lt_nine_ntncws row: 76
    _CalcCost[74] := p_tap_nine*(1-b_state_two);
    inc(TotEval);
    if _CalcCost[74] > 0 then begin
        _Cost[74] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid))*cost_lt_samp;
        inc(TotEval);
        _OM[74] := 0;
        inc(TotEval);
    end;

    //state_discuss_lt_nine_ntncws row: 77
    _CalcCost[75] := p_tap_nine*b_state_two;
    inc(TotEval);
    if _CalcCost[75] > 0 then begin
        _Cost[75] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid))*cost_lt_samp;

```

```

        inc(TotEval);
        _OM[75] := 0;
    inc(TotEval);
end;

//system_pickup_lt_nine row: 78
_CalcCost[76] := p_tap_nine;
inc(TotEval);
if _CalcCost[76] > 0 then begin
    _Cost[76] :=
(numb_reduced_tap+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_return_samp))+(numb_reduced_tap*pp_samp_reject))*((hrs_pickup_samp_op*rate_op)+cost_pickup_samp);
    inc(TotEval);
    _OM[76] := 0;
inc(TotEval);
end;

//system_reject_lt_nine row: 79
_CalcCost[77] := p_tap_nine;
inc(TotEval);
if _CalcCost[77] > 0 then begin
    _Cost[77] := (numb_reduced_tap*pp_samp_reject)*(hrs_samp_reject_op*rate_op);
    inc(TotEval);
    _OM[77] := 0;
inc(TotEval);
end;

//system_analyze_lt_nine row: 80
_CalcCost[78] := p_tap_nine*(1-b_state_two);
inc(TotEval);
if _CalcCost[78] > 0 then begin
    _Cost[78] :=
((((numb_reduced_tap+(numb_reduced_tap*pp_samp_invalid))*pp_lab_samp)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_reduced_tap+(numb_reduced_tap*pp_samp_invalid))*pp_commercial_samp)*cost_commercial_lab));
    inc(TotEval);
    _OM[78] := 0;
inc(TotEval);
end;

//state_analyze_lt_nine row: 81
_CalcCost[79] := p_tap_nine*b_state_two;
inc(TotEval);
if _CalcCost[79] > 0 then begin
    _Cost[79] :=
((((numb_reduced_tap+(numb_reduced_tap*pp_samp_invalid))*pp_lab_samp)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_reduced_tap+(numb_reduced_tap*pp_samp_invalid))*pp_commercial_samp)*cost_commercial_lab));
    inc(TotEval);

```

```

    _OM[79] := 0;
inc(TotEval);
end;

//system_invalid_lt_nine row: 82
_CalcCost[80] := p_tap_nine;
inc(TotEval);
if _CalcCost[80] > 0 then begin
    _Cost[80] := (numb_reduced_tap*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op);
    inc(TotEval);
    _OM[80] := 0;
inc(TotEval);
end;

//state_invalid_lt_nine row: 83
_CalcCost[81] := p_tap_nine;
inc(TotEval);
if _CalcCost[81] > 0 then begin
    _Cost[81] := (numb_reduced_tap*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js);
    inc(TotEval);
    _OM[81] := 0;
inc(TotEval);
end;

//system_reduced_nine_report row: 84
_CalcCost[82] := p_tap_nine*(1-b_state_two);
inc(TotEval);
if _CalcCost[82] > 0 then begin
    _Cost[82] := (hrs_annual_lt_op*rate_op);
    inc(TotEval);
    _OM[82] := 0;
inc(TotEval);
end;

//state_burd_reduced_nine_report row: 85
_CalcCost[83] := p_tap_nine*b_state_two;
inc(TotEval);
if _CalcCost[83] > 0 then begin
    _Cost[83] := (hrs_annual_lt_op*rate_op);
    inc(TotEval);
    _OM[83] := 0;
inc(TotEval);
end;

//state_reduced_nine_report row: 86
_CalcCost[84] := p_tap_nine*(1-b_state_two);
inc(TotEval);
if _CalcCost[84] > 0 then begin
    _Cost[84] := (hrs_annual_lt_js*rate_js);
    inc(TotEval);

```

```

    _OM[84] := 0;
inc(TotEval);
end;

//system_lt_pe_nine row: 87
_CalcCost[85] := p_tap_nine;
inc(TotEval);
if _CalcCost[85] > 0 then begin
    _Cost[85] := (numb_reduced_tap)*((hrs_inform_samp_op*rate_op)+cost_cust_lt);
    inc(TotEval);
    _OM[85] := 0;
inc(TotEval);
end;

//system_reduced_nine_certify row: 88
_CalcCost[86] := p_tap_nine;
inc(TotEval);
if _CalcCost[86] > 0 then begin
    _Cost[86] := (hrs_cert_cust_lt_op*rate_op);
    inc(TotEval);
    _OM[86] := 0;
inc(TotEval);
end;

//state_reduced_nine_certify row: 89
_CalcCost[87] := p_tap_nine;
inc(TotEval);
if _CalcCost[87] > 0 then begin
    _Cost[87] := (hrs_cert_cust_lt_js*rate_js);
    inc(TotEval);
    _OM[87] := 0;
inc(TotEval);
end;

//system_renew_nine row: 90
_CalcCost[88] := p_tap_nine;
inc(TotEval);
if _CalcCost[88] > 0 then begin
    _Cost[88] := (hrs_renew_nine_op*rate_op);
    inc(TotEval);
    _OM[88] := 0;
inc(TotEval);
end;

//state_review_nine row: 91
_CalcCost[89] := p_tap_nine;
inc(TotEval);
if _CalcCost[89] > 0 then begin
    _Cost[89] := (hrs_renew_nine_js*rate_js);
    inc(TotEval);

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    _OM[89] := 0;
    inc(TotEval);
end;

//system_report_tap_change_al row: 92
_Cost[90] := 2*(hrs_chng_tap_op*rate_op);
    inc(TotEval);
_OM[90] := 0;
inc(TotEval);

//state_review_tap_change_al row: 93
_Cost[91] := 2*(hrs_chng_tap_js*rate_js);
    inc(TotEval);
_OM[91] := 0;
inc(TotEval);

//system_volunt_lt_al row: 94
_Cost[92] :=
2*(numb_samp_customer+(numb_samp_customer*(1-pp_hh_return_samp))+(numb_samp_customer
*pp_samp_invalid)+(numb_samp_customer*pp_samp_reject))*(hrs_samp_volunt_op*rate_op);
    inc(TotEval);
_OM[92] := 0;
inc(TotEval);

//system_incentive_lt_al row: 95
_CalcCost[93] := p_incentive;
inc(TotEval);
if _CalcCost[93] > 0 then begin
    _Cost[93] := 2*((numb_samp_customer)*cost_incentive);
    inc(TotEval);
    _OM[93] := 0;
inc(TotEval);
end;

//system_hrs_discuss_baseline_lt_al row: 96
_Cost[94] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp))+(numb_samp_customer*pp_samp_reject))*(hrs_discuss_samp_op*rate_
op));
    inc(TotEval);
_OM[94] := 0;
inc(TotEval);

//system_discuss_baseline_lt_al row: 97
_CalcCost[95] := (1-b_state_two);
inc(TotEval);
if _CalcCost[95] > 0 then begin
    _Cost[95] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp))+(numb_samp_customer*pp_samp_reject))*cost_lt_samp);

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        inc(TotEval);
        _OM[95] := 0;
    inc(TotEval);
end;

//state_discuss_baseline_lt_al   row: 98
_CalcCost[96] := b_state_two;
inc(TotEval);
if _CalcCost[96] > 0 then begin
    _Cost[96] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_lt_samp);
        inc(TotEval);
        _OM[96] := 0;
    inc(TotEval);
end;

//system_discuss_baseline_lt_al_ntncws   row: 99
_CalcCost[97] := (1-b_state_two);
inc(TotEval);
if _CalcCost[97] > 0 then begin
    _Cost[97] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid))*cost_lt_samp);
        inc(TotEval);
        _OM[97] := 0;
    inc(TotEval);
end;

//state_discuss_baseline_lt_al_ntncws   row: 100
_CalcCost[98] := b_state_two;
inc(TotEval);
if _CalcCost[98] > 0 then begin
    _Cost[98] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid))*cost_lt_samp);
        inc(TotEval);
        _OM[98] := 0;
    inc(TotEval);
end;

//system_pickup_baseline_lt_al   row: 101
_Cost[99] :=
2*(numb_samp_customer+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp
_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*((hrs_pickup_samp_op*rate_op)
+cost_pickup_samp);
        inc(TotEval);
        _OM[99] := 0;
    inc(TotEval);

//system_reject_baseline_lt_al   row: 102
_Cost[100] :=

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2*(numb_samp_customer*pp_samp_reject)*(hrs_samp_reject_op*rate_op);
    inc(TotEval);
    _OM[100] := 0;
    inc(TotEval);

    //system_analyze_baseline_lt_al row: 103
    _CalcCost[101] := (1-b_state_two);
    inc(TotEval);
    if _CalcCost[101] > 0 then begin
        _Cost[101] :=
2*(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_an
alyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*
pp_samp_invalid))*pp_commercial_samp)*cost_commercial_lab));
        inc(TotEval);
        _OM[101] := 0;
        inc(TotEval);
    end;

    //state_analyze_baseline_lt_al row: 104
    _CalcCost[102] := b_state_two;
    inc(TotEval);
    if _CalcCost[102] > 0 then begin
        _Cost[102] :=
2*(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_an
alyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*
pp_samp_invalid))*pp_commercial_samp)*cost_commercial_lab));
        inc(TotEval);
        _OM[102] := 0;
        inc(TotEval);
    end;

    //system_invalid_baseline_lt_al row: 105
    _Cost[103] :=
2*(numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op);
    inc(TotEval);
    _OM[103] := 0;
    inc(TotEval);

    //state_invalid_baseline_lt_al row: 106
    _Cost[104] :=
2*(numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js);
    inc(TotEval);
    _OM[104] := 0;
    inc(TotEval);

    //system_annual_lt_al row: 107
    _CalcCost[105] := (1-b_state_two);
    inc(TotEval);
    if _CalcCost[105] > 0 then begin
        _Cost[105] := 2*(hrs_annual_lt_op*rate_op);

```

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    inc(TotEval);
    _OM[105] := 0;
    inc(TotEval);
end;

//state_burd_annual_lt_al row: 108
_CalcCost[106] := b_state_two;
inc(TotEval);
if _CalcCost[106] > 0 then begin
    _Cost[106] := 2*(hrs_annual_lt_op*rate_op);
    inc(TotEval);
    _OM[106] := 0;
    inc(TotEval);
end;

//state_annual_lt_al row: 109
_CalcCost[107] := (1-b_state_two);
inc(TotEval);
if _CalcCost[107] > 0 then begin
    _Cost[107] := 2*(hrs_annual_lt_js*rate_js);
    inc(TotEval);
    _OM[107] := 0;
    inc(TotEval);
end;

//system_lt_pe_al row: 110
_Cost[108] :=
2*((numb_samp_customer)*((hrs_inform_samp_op*rate_op)+cost_cust_lt));
    inc(TotEval);
    _OM[108] := 0;
    inc(TotEval);

//system_certify_lt_al row: 111
_Cost[109] := 2*(hrs_cert_cust_lt_op*rate_op);
    inc(TotEval);
    _OM[109] := 0;
    inc(TotEval);

//state_review_lt_al row: 112
_Cost[110] := 2*(hrs_cert_cust_lt_js*rate_js);
    inc(TotEval);
    _OM[110] := 0;
    inc(TotEval);

//system_pe_devel_sal row: 113
_CalcCost[111] := pws_first_ale;
inc(TotEval);
if _CalcCost[111] > 0 then begin
    _Cost[111] := (hrs_pe_al_devel_op*rate_op)*0;
    inc(TotEval);
end;

```

```

    _OM[111] := 0;
inc(TotEval);
end;

//state_review_pe row: 114
_CalcCost[112] := pws_first_ale;
inc(TotEval);
if _CalcCost[112] > 0 then begin
    _Cost[112] := (hrs_ale_lang_js*rate_js)*0;
    inc(TotEval);
    _OM[112] := 0;
inc(TotEval);
end;

//system_pe_ale row: 115
_Cost[113] :=
(pws_pop/numb_hh)*((hrs_distr_edu_op*rate_op)+cost_pe_lcr_delivery);
    inc(TotEval);
    _OM[113] := 0;
inc(TotEval);

//system_contact_ha row: 116
_Cost[114] := numb_ha*(hrs_ha_op*rate_op);
    inc(TotEval);
    _OM[114] := 0;
inc(TotEval);

//system_notify_ha row: 117
_Cost[115] :=
numb_lcr_other_org*((hrs_distr_agencies_pe_op*rate_op)+cost_pe_lead_ale);
    inc(TotEval);
    _OM[115] := 0;
inc(TotEval);

//system_post_website row: 118
_Cost[116] := (hrs_web_op*rate_op);
    inc(TotEval);
    _OM[116] := 0;
inc(TotEval);

//system_consult_ale row: 119
_Cost[117] := (hrs_ale_consult_op*rate_op);
    inc(TotEval);
    _OM[117] := 0;
inc(TotEval);

//state_consult_sale row: 120
_Cost[118] := (hrs_ale_consult_js*rate_js);
    inc(TotEval);
    _OM[118] := 0;

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inc(TotEval);

//system_other_pe row: 121
_Cost[119] := (hrs_ale_other_op*rate_op)+cost_ale_other;
  inc(TotEval);
_OM[119] := 0;
inc(TotEval);

//system_press row: 122
_Cost[120] := 2*((hrs_pr_op*rate_op)+cost_pr);
  inc(TotEval);
_OM[120] := 0;
inc(TotEval);

//system_pe_certify_cws row: 123
_Cost[121] := (hrs_pe_certify_quarterly_op*rate_op);
  inc(TotEval);
_OM[121] := 0;
inc(TotEval);

//state_pe_certify_cws row: 124
_Cost[122] := (hrs_pe_certify_quarterly_js*rate_js);
  inc(TotEval);
_OM[122] := 0;
inc(TotEval);

//system_pe_certify_ntncws row: 125
_Cost[123] := (hrs_cert_outreach_annual_op*rate_op);
  inc(TotEval);
_OM[123] := 0;
inc(TotEval);

//state_pe_certify_ntncws row: 126
_Cost[124] := (hrs_cert_outreach_annual_js*rate_js);
  inc(TotEval);
_OM[124] := 0;
inc(TotEval);

//system_hrs_collect_sw_ale row: 127
_CalcCost[125] := pws_sw*p_copper_ale;
inc(TotEval);
if _CalcCost[125] > 0 then begin
  _Cost[125] := (numb_ep*numb_st_sample)*(hrs_source_op*rate_op);
  inc(TotEval);
  _OM[125] := 0;
inc(TotEval);
end;

//system_collect_sw_ale row: 128
_CalcCost[126] := pws_sw*p_copper_ale*(1-b_state_two);

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```

inc(TotEval);
if _CalcCost[126] > 0 then begin
    _Cost[126] := (numb_ep*numb_st_sample)*cost_source_material;
    inc(TotEval);
    _OM[126] := 0;
inc(TotEval);
end;

//state_collect_sw_ale row: 129
_CalcCost[127] := pws_sw*p_copper_ale*b_state_two;
inc(TotEval);
if _CalcCost[127] > 0 then begin
    _Cost[127] := (numb_ep*numb_st_sample)*cost_source_material;
    inc(TotEval);
    _OM[127] := 0;
inc(TotEval);
end;

//system_analyze_sw_ale row: 130
_CalcCost[128] := pws_sw*p_copper_ale*(1-b_state_two);
inc(TotEval);
if _CalcCost[128] > 0 then begin
    _Cost[128] :=
((pp_lab_samp*(numb_ep*numb_st_sample))*((hrs_analyze_samp_op*rate_op)+cost_source_a
nalyze))+((pp_commercial_samp*(numb_ep*numb_st_sample))*cost_source);
    inc(TotEval);
    _OM[128] := 0;
inc(TotEval);
end;

//state_analyze_sw_ale row: 131
_CalcCost[129] := pws_sw*p_copper_ale*b_state_two;
inc(TotEval);
if _CalcCost[129] > 0 then begin
    _Cost[129] :=
((pp_lab_samp*(numb_ep*numb_st_sample))*((hrs_analyze_samp_op*rate_op)+cost_source_a
nalyze))+((pp_commercial_samp*(numb_ep*numb_st_sample))*cost_source);
    inc(TotEval);
    _OM[129] := 0;
inc(TotEval);
end;

//system_report_sw_ale row: 132
_CalcCost[130] := pws_sw*p_copper_ale*(1-b_state_two);
inc(TotEval);
if _CalcCost[130] > 0 then begin
    _Cost[130] := (hrs_report_source_op*rate_op);
    inc(TotEval);
    _OM[130] := 0;
inc(TotEval);
end;

```

```

end;

//state_report_sw_ale row: 133
_CalcCost[131] := pws_sw*p_copper_ale*b_state_two;
inc(TotEval);
if _CalcCost[131] > 0 then begin
    _Cost[131] := (hrs_report_source_op*rate_op);
    inc(TotEval);
    _OM[131] := 0;
inc(TotEval);
end;

//state_review_sw_ale row: 134
_CalcCost[132] := pws_sw*p_copper_ale*(1-b_state_two);
inc(TotEval);
if _CalcCost[132] > 0 then begin
    _Cost[132] := (hrs_source_js*rate_js);
    inc(TotEval);
    _OM[132] := 0;
inc(TotEval);
end;

//system_hrs_collect_gw_ale row: 135
_CalcCost[133] := pws_gw*p_copper_ale;
inc(TotEval);
if _CalcCost[133] > 0 then begin
    _Cost[133] := (numb_ep*numb_st_sample)*(hrs_source_op*rate_op);
    inc(TotEval);
    _OM[133] := 0;
inc(TotEval);
end;

//system_collect_gw_ale row: 136
_CalcCost[134] := pws_gw*p_copper_ale*(1-b_state_two);
inc(TotEval);
if _CalcCost[134] > 0 then begin
    _Cost[134] := (numb_ep*numb_st_sample)*cost_source_material;
    inc(TotEval);
    _OM[134] := 0;
inc(TotEval);
end;

//state_collect_gw_ale row: 137
_CalcCost[135] := pws_gw*p_copper_ale*b_state_two;
inc(TotEval);
if _CalcCost[135] > 0 then begin
    _Cost[135] := (numb_ep*numb_st_sample)*cost_source_material;
    inc(TotEval);
    _OM[135] := 0;
inc(TotEval);

```

```

end;

//system_analyze_gw_ale row: 138
_CalcCost[136] := pws_gw*p_copper_ale*(1-b_state_two);
inc(TotEval);
if _CalcCost[136] > 0 then begin
    _Cost[136] :=
((pp_lab_samp*(numb_ep*numb_st_sample))*((hrs_analyze_samp_op*rate_op)+cost_source_a
nalyze))+((pp_commercial_samp*(numb_ep*numb_st_sample))*cost_source);
    inc(TotEval);
    _OM[136] := 0;
inc(TotEval);
end;

//state_analyze_gw_ale row: 139
_CalcCost[137] := pws_gw*p_copper_ale*b_state_two;
inc(TotEval);
if _CalcCost[137] > 0 then begin
    _Cost[137] :=
((pp_lab_samp*(numb_ep*numb_st_sample))*((hrs_analyze_samp_op*rate_op)+cost_source_a
nalyze))+((pp_commercial_samp*(numb_ep*numb_st_sample))*cost_source);
    inc(TotEval);
    _OM[137] := 0;
inc(TotEval);
end;

//system_report_gw_ale row: 140
_CalcCost[138] := pws_gw*p_copper_ale*(1-b_state_two);
inc(TotEval);
if _CalcCost[138] > 0 then begin
    _Cost[138] := (hrs_report_source_op*rate_op);
    inc(TotEval);
    _OM[138] := 0;
inc(TotEval);
end;

//state_report_gw_ale row: 141
_CalcCost[139] := pws_gw*p_copper_ale*b_state_two;
inc(TotEval);
if _CalcCost[139] > 0 then begin
    _Cost[139] := (hrs_report_source_op*rate_op);
    inc(TotEval);
    _OM[139] := 0;
inc(TotEval);
end;

//state_review_gw_ale row: 142
_CalcCost[140] := pws_gw*p_copper_ale*(1-b_state_two);
inc(TotEval);
if _CalcCost[140] > 0 then begin

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    _Cost[140] := (hrs_source_js*rate_js);
    inc(TotEval);
    _OM[140] := 0;
inc(TotEval);
end;

//system_hrs_collect_sw row: 143
_CalcCost[141] := pws_sw;
inc(TotEval);
if _CalcCost[141] > 0 then begin
    _Cost[141] := (numb_ep*numb_st_sample)*(hrs_source_op*rate_op);
    inc(TotEval);
    _OM[141] := 0;
inc(TotEval);
end;

//system_collect_sw row: 144
_CalcCost[142] := pws_sw*(1-b_state_two);
inc(TotEval);
if _CalcCost[142] > 0 then begin
    _Cost[142] := (numb_ep*numb_st_sample)*cost_source_material;
    inc(TotEval);
    _OM[142] := 0;
inc(TotEval);
end;

//state_collect_sw row: 145
_CalcCost[143] := pws_sw*b_state_two;
inc(TotEval);
if _CalcCost[143] > 0 then begin
    _Cost[143] := (numb_ep*numb_st_sample)*cost_source_material;
    inc(TotEval);
    _OM[143] := 0;
inc(TotEval);
end;

//system_analyze_sw row: 146
_CalcCost[144] := pws_sw*(1-b_state_two);
inc(TotEval);
if _CalcCost[144] > 0 then begin
    _Cost[144] :=
((pp_lab_samp*(numb_ep*numb_st_sample))*((hrs_analyze_samp_op*rate_op)+cost_source_a
nalyze))+((pp_commercial_samp*(numb_ep*numb_st_sample))*cost_source);
    inc(TotEval);
    _OM[144] := 0;
inc(TotEval);
end;

//state_analyze_sw row: 147
_CalcCost[145] := pws_sw*b_state_two;

```



```

    inc(TotEval);
    if _CalcCost[145] > 0 then begin
        _Cost[145] :=
((pp_lab_samp*(numb_ep*numb_st_sample))*((hrs_analyze_samp_op*rate_op)+cost_source_a
nalyze))+((pp_commercial_samp*(numb_ep*numb_st_sample))*cost_source);
        inc(TotEval);
        _OM[145] := 0;
    inc(TotEval);
    end;

//system_report_sw row: 148
_CalcCost[146] := pws_sw*(1-b_state_two);
inc(TotEval);
if _CalcCost[146] > 0 then begin
    _Cost[146] := (hrs_report_source_op*rate_op);
    inc(TotEval);
    _OM[146] := 0;
inc(TotEval);
end;

//state_report_sw row: 149
_CalcCost[147] := pws_sw*b_state_two;
inc(TotEval);
if _CalcCost[147] > 0 then begin
    _Cost[147] := (hrs_report_source_op*rate_op);
    inc(TotEval);
    _OM[147] := 0;
inc(TotEval);
end;

//state_review_sw row: 150
_CalcCost[148] := pws_sw*(1-b_state_two);
inc(TotEval);
if _CalcCost[148] > 0 then begin
    _Cost[148] := (hrs_source_js*rate_js);
    inc(TotEval);
    _OM[148] := 0;
inc(TotEval);
end;

//system_hrs_collect_gw row: 151
_CalcCost[149] := pws_gw;
inc(TotEval);
if _CalcCost[149] > 0 then begin
    _Cost[149] := (numb_ep*numb_st_sample)*(hrs_source_op*rate_op);
    inc(TotEval);
    _OM[149] := 0;
inc(TotEval);
end;

```

```

//system_collect_gw row: 152
_CalcCost[150] := pws_gw*(1-b_state_two);
inc(TotEval);
if _CalcCost[150] > 0 then begin
    _Cost[150] := (numb_ep*numb_st_sample)*cost_source_material;
    inc(TotEval);
    _OM[150] := 0;
inc(TotEval);
end;

//state_collect_gw row: 153
_CalcCost[151] := pws_gw*b_state_two;
inc(TotEval);
if _CalcCost[151] > 0 then begin
    _Cost[151] := (numb_ep*numb_st_sample)*cost_source_material;
    inc(TotEval);
    _OM[151] := 0;
inc(TotEval);
end;

//system_analyze_gw row: 154
_CalcCost[152] := pws_gw*(1-b_state_two);
inc(TotEval);
if _CalcCost[152] > 0 then begin
    _Cost[152] :=
((pp_lab_samp*(numb_ep*numb_st_sample))*((hrs_analyze_samp_op*rate_op)+cost_source_a
nalyze))+((pp_commercial_samp*(numb_ep*numb_st_sample))*cost_source);
    inc(TotEval);
    _OM[152] := 0;
inc(TotEval);
end;

//state_analyze_gw row: 155
_CalcCost[153] := pws_gw*b_state_two;
inc(TotEval);
if _CalcCost[153] > 0 then begin
    _Cost[153] :=
((pp_lab_samp*(numb_ep*numb_st_sample))*((hrs_analyze_samp_op*rate_op)+cost_source_a
nalyze))+((pp_commercial_samp*(numb_ep*numb_st_sample))*cost_source);
    inc(TotEval);
    _OM[153] := 0;
inc(TotEval);
end;

//system_report_gw row: 156
_CalcCost[154] := pws_gw*(1-b_state_two);
inc(TotEval);
if _CalcCost[154] > 0 then begin
    _Cost[154] := (hrs_report_source_op*rate_op);
    inc(TotEval);

```

```

    _OM[154] := 0;
    inc(TotEval);
end;

//state_report_gw row: 157
_CalcCost[155] := pws_gw*b_state_two;
inc(TotEval);
if _CalcCost[155] > 0 then begin
    _Cost[155] := (hrs_report_source_op*rate_op);
    inc(TotEval);
    _OM[155] := 0;
inc(TotEval);
end;

//state_review_gw row: 158
_CalcCost[156] := pws_gw*(1-b_state_two);
inc(TotEval);
if _CalcCost[156] > 0 then begin
    _Cost[156] := (hrs_source_js*rate_js);
    inc(TotEval);
    _OM[156] := 0;
inc(TotEval);
end;

//system_submit_wq_lead_inst row: 159
_CalcCost[157] := b_cct_study_rec_install;
inc(TotEval);
if _CalcCost[157] > 0 then begin
    _Cost[157] := (hrs_submit_wq_data_op*rate_op);
    inc(TotEval);
    _OM[157] := 0;
inc(TotEval);
end;

//state_cct_study_lead row: 160
_CalcCost[158] := b_cct_study_rec_install;
inc(TotEval);
if _CalcCost[158] > 0 then begin
    _Cost[158] := (hrs_lcr_study_js*rate_js);
    inc(TotEval);
    _OM[158] := 0;
inc(TotEval);
end;

//system_cct_study_lead row: 161
_CalcCost[159] := b_cct_study_install;
inc(TotEval);
if _CalcCost[159] > 0 then begin
    _Cost[159] :=
((p_demo_study*cost_cct_study_dem)+((1-p_demo_study)*cost_cct_study_desk));

```

```

    inc(TotEval);
    _OM[159] := 0;
inc(TotEval);
end;

//state_cct_rec_lcr_lead row: 162
_CalcCost[160] := b_cct_study_install;
inc(TotEval);
if _CalcCost[160] > 0 then begin
    _Cost[160] := (hrs_review_cct_lead_js*rate_js);
    inc(TotEval);
    _OM[160] := 0;
inc(TotEval);
end;

//state_cct_rec_nostudy_lead row: 163
_CalcCost[161] := b_state_cct_treatment_install;
inc(TotEval);
if _CalcCost[161] > 0 then begin
    _Cost[161] := (hrs_lcr_cct_js*rate_js);
    inc(TotEval);
    _OM[161] := 0;
inc(TotEval);
end;

//system_install_cct_lead_ale row: 164
_CalcCost[162] := b_install_cct;
inc(TotEval);
if _CalcCost[162] > 0 then begin
    _Cost[162] := cct_install_cost;
    inc(TotEval);
    _OM[162] := 0;
inc(TotEval);
end;

//state_cct_owqps_lead row: 165
_CalcCost[163] := b_cct_study_install+b_state_cct_treatment_install;
inc(TotEval);
if _CalcCost[163] > 0 then begin
    _Cost[163] := (hrs_set_owqp_js*rate_js);
    inc(TotEval);
    _OM[163] := 0;
inc(TotEval);
end;

//system_submit_wq_lead_mod row: 166
_CalcCost[164] := b_cct_study_rec_mod;
inc(TotEval);
if _CalcCost[164] > 0 then begin
    _Cost[164] := (hrs_submit_wq_data_op*rate_op);

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    inc(TotEval);
    _OM[164] := 0;
    inc(TotEval);
end;

//state_mod_cct_study_lead row: 167
_CalcCost[165] := b_cct_study_rec_mod;
inc(TotEval);
if _CalcCost[165] > 0 then begin
    _Cost[165] := (hrs_lcr_study_js*rate_js);
    inc(TotEval);
    _OM[165] := 0;
    inc(TotEval);
end;

//system_mod_cct_study_lead row: 168
_CalcCost[166] := b_cct_study_mod;
inc(TotEval);
if _CalcCost[166] > 0 then begin
    _Cost[166] := cost_revise_cct;
    inc(TotEval);
    _OM[166] := 0;
    inc(TotEval);
end;

//state_mod_cct_rec_lcr_lead row: 169
_CalcCost[167] := b_cct_study_mod;
inc(TotEval);
if _CalcCost[167] > 0 then begin
    _Cost[167] := (hrs_review_cct_lead_js*rate_js);
    inc(TotEval);
    _OM[167] := 0;
    inc(TotEval);
end;

//state_mod_cct_rec_nostudy_lead row: 170
_CalcCost[168] := b_state_cct_treatment_mod;
inc(TotEval);
if _CalcCost[168] > 0 then begin
    _Cost[168] := (hrs_lcr_cct_js*rate_js);
    inc(TotEval);
    _OM[168] := 0;
    inc(TotEval);
end;

//system_mod_install_cct_lead_ale row: 171
_CalcCost[169] := b_modify_cct;
inc(TotEval);
if _CalcCost[169] > 0 then begin
    _Cost[169] := cct_modify_cost;

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    inc(TotEval);
    _OM[169] := 0;
    inc(TotEval);
end;

//state_mod_cct_owqps_lead row: 172
_CalcCost[170] := b_cct_study_mod+b_state_cct_treatment_mod;
inc(TotEval);
if _CalcCost[170] > 0 then begin
    _Cost[170] := (hrs_reset_owqp_js*rate_js);
    inc(TotEval);
    _OM[170] := 0;
    inc(TotEval);
end;

//system_consult_source row: 173
_CalcCost[171] := (p_tap_annual+p_tap_triennial+p_tap_nine)*p_source_chng;
inc(TotEval);
if _CalcCost[171] > 0 then begin
    _Cost[171] := (hrs_coop_source_chng_red_op*rate_op);
    inc(TotEval);
    _OM[171] := 0;
    inc(TotEval);
end;

//state_consult_source row: 174
_CalcCost[172] := (p_tap_annual+p_tap_triennial+p_tap_nine)*p_source_chng;
inc(TotEval);
if _CalcCost[172] > 0 then begin
    _Cost[172] := (hrs_coop_source_chng_red_js*rate_js);
    inc(TotEval);
    _OM[172] := 0;
    inc(TotEval);
end;

//system_consult_treat row: 175
_CalcCost[173] := (p_tap_annual+p_tap_triennial+p_tap_nine)*p_treat_change;
inc(TotEval);
if _CalcCost[173] > 0 then begin
    _Cost[173] := (hrs_coop_treat_chng_red_op*rate_op);
    inc(TotEval);
    _OM[173] := 0;
    inc(TotEval);
end;

//state_consult_treat row: 176
_CalcCost[174] := (p_tap_annual+p_tap_triennial+p_tap_nine)*p_treat_change;
inc(TotEval);
if _CalcCost[174] > 0 then begin
    _Cost[174] := (hrs_coop_treat_chng_red_js*rate_js);

```

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    inc(TotEval);
    _OM[174] := 0;
    inc(TotEval);
end;

//system_devel_lslr row: 177
_CalcCost[175] := b_lslr_mand;
inc(TotEval);
if _CalcCost[175] > 0 then begin
    _Cost[175] := (hrs_lcr_lslr_out_op*rate_op);
    inc(TotEval);
    _OM[175] := 0;
    inc(TotEval);
end;

//system_deliv_out_lslr row: 178
_CalcCost[176] := b_lslr_mand;
inc(TotEval);
if _CalcCost[176] > 0 then begin
    _Cost[176] :=
(0.07*hh_remain_lsl)*((hrs_lcr_lslr_out_deliv_op*rate_op)+cost_lcr_lslr_out);
    inc(TotEval);
    _OM[176] := 0;
    inc(TotEval);
end;

//system_devel_prior_lslr row: 179
_CalcCost[177] := b_lslr_mand;
inc(TotEval);
if _CalcCost[177] > 0 then begin
    _Cost[177] := (hrs_lcr_lslr_prior_op*rate_op);
    inc(TotEval);
    _OM[177] := 0;
    inc(TotEval);
end;

//system_contact_customers_lslr row: 180
_CalcCost[178] := b_lslr_mand;
inc(TotEval);
if _CalcCost[178] > 0 then begin
    _Cost[178] :=
num_lslr_lsl_replace*((hrs_replaced_lsl_contact_op*rate_op)+cost_replaced_LSL_contac
t);
    inc(TotEval);
    _OM[178] := 0;
    inc(TotEval);
end;

//system_lslr row: 181
_CalcCost[179] := b_lslr_mand;

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    inc(TotEval);
    if _CalcCost[179] > 0 then begin
        _Cost[179] :=
(pp_lslr_cap_emerg*(num_lslr_lsl_replace+num_lslr_partial_replace)*cost_lslr_lsl_cce
mg_vol_pws)+((1-pp_lslr_cap_emerg)*(num_lslr_lsl_replace+num_lslr_partial_replace)*c
ost_lslr_lsl_reg_vol_pws);
        inc(TotEval);
        _OM[179] := 0;
        inc(TotEval);
    end;

    //hh_lslr row: 182
    _CalcCost[180] := b_lslr_mand;
    inc(TotEval);
    if _CalcCost[180] > 0 then begin
        _Cost[180] :=
(pp_lslr_cap_emerg*num_lslr_lsl_replace*cost_lslr_lsl_ccemg_vol_hh)+((1-pp_lslr_cap_
emerg)*num_lslr_lsl_replace*cost_lslr_lsl_reg_vol_hh);
        inc(TotEval);
        _OM[180] := 0;
        inc(TotEval);
    end;

    //system_notification_flushing_plslr row: 183
    _CalcCost[181] := b_lslr_mand;
    inc(TotEval);
    if _CalcCost[181] > 0 then begin
        _Cost[181] :=
num_lslr_partial_replace*((hrs_prior_notif_op*rate_op)+cost_prior_notif);
        inc(TotEval);
        _OM[181] := 0;
        inc(TotEval);
    end;

    //system_lslr_monitor row: 184
    _CalcCost[182] := b_lslr_mand*(1-b_state_two);
    inc(TotEval);
    if _CalcCost[182] > 0 then begin
        _Cost[182] :=
(num_lslr_partial_replace*numb_samp_plslr)*(cost_lsl_samp+cost_pickup_samp+(hrs_coll
ect_lsl_plslr_op*rate_op));
        inc(TotEval);
        _OM[182] := 0;
        inc(TotEval);
    end;

    //state_lslr_monitor row: 185
    _CalcCost[183] := b_lslr_mand*b_state_two;
    inc(TotEval);
    if _CalcCost[183] > 0 then begin

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        _Cost[183] :=
(num_lslr_partial_replace*numb_samp_plslr)*(cost_lsl_samp+cost_pickup_samp+(hrs_collect_lsl_plslr_op*rate_op));
        inc(TotEval);
        _OM[183] := 0;
        inc(TotEval);
        end;

//system_lslr_samp row: 186
_CalcCost[184] := b_lslr_mand*(1-b_state_two);
inc(TotEval);
if _CalcCost[184] > 0 then begin
    _Cost[184] :=
(((num_lslr_partial_replace*numb_samp_plslr)*pp_lab_samp)*((hrs_analyze_lsl_plslr_op*rate_op)+cost_lab_lsl_plslr))+(((num_lslr_partial_replace*numb_samp_plslr)*pp_commercial_samp)*cost_commercial_lsl_plslr);
    inc(TotEval);
    _OM[184] := 0;
    inc(TotEval);
    end;

//state_lslr_samp row: 187
_CalcCost[185] := b_lslr_mand*b_state_two;
inc(TotEval);
if _CalcCost[185] > 0 then begin
    _Cost[185] :=
(((num_lslr_partial_replace*numb_samp_plslr)*pp_lab_samp)*((hrs_analyze_lsl_plslr_op*rate_op)+cost_lab_lsl_plslr))+(((num_lslr_partial_replace*numb_samp_plslr)*pp_commercial_samp)*cost_commercial_lsl_plslr);
    inc(TotEval);
    _OM[185] := 0;
    inc(TotEval);
    end;

//system_lslr_samp_inform row: 188
_CalcCost[186] := b_lslr_mand;
inc(TotEval);
if _CalcCost[186] > 0 then begin
    _Cost[186] :=
(num_lslr_partial_replace*numb_samp_plslr)*((hrs_inform_samp_op*rate_op)+cost_cust_plslr);
    inc(TotEval);
    _OM[186] := 0;
    inc(TotEval);
    end;

//system_lslr_samp_report row: 189
_CalcCost[187] := b_lslr_mand;
inc(TotEval);
if _CalcCost[187] > 0 then begin

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    _Cost[187] := (hrs_report_plslr_op*rate_op);
    inc(TotEval);
    _OM[187] := 0;
    inc(TotEval);
end;

//state_lslr_samp_report row: 190
_CalcCost[188] := b_lslr_mand;
inc(TotEval);
if _CalcCost[188] > 0 then begin
    _Cost[188] := (hrs_report_plslr_js*rate_js);
    inc(TotEval);
    _OM[188] := 0;
    inc(TotEval);
end;

//system_lslr_test_collect row: 191
_CalcCost[189] := b_lslr_mand*(1-b_state_two);
inc(TotEval);
if _CalcCost[189] > 0 then begin
    _Cost[189] :=
((num_lsl_testout)*(numb_samp_test))*(cost_lsl_samp+cost_pickup_samp+(hrs_collect_ls
l_plslr_op*rate_op));
    inc(TotEval);
    _OM[189] := 0;
    inc(TotEval);
end;

//state_lslr_test_collect row: 192
_CalcCost[190] := b_lslr_mand*b_state_two;
inc(TotEval);
if _CalcCost[190] > 0 then begin
    _Cost[190] :=
((num_lsl_testout)*(numb_samp_test))*(cost_lsl_samp+cost_pickup_samp+(hrs_collect_ls
l_plslr_op*rate_op));
    inc(TotEval);
    _OM[190] := 0;
    inc(TotEval);
end;

//system_lslr_test_analyze row: 193
_CalcCost[191] := b_lslr_mand*(1-b_state_two);
inc(TotEval);
if _CalcCost[191] > 0 then begin
    _Cost[191] :=
((((num_lsl_testout)*(numb_samp_test))*pp_lab_samp)*((hrs_analyze_lsl_plslr_op*rate_
op)+cost_lab_lsl_plslr))+((((num_lsl_testout)*(numb_samp_test))*pp_commercial_samp)*
cost_commercial_lsl_plslr);
    inc(TotEval);
    _OM[191] := 0;

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inc(TotEval);
end;

//state_lslr_test_analyze row: 194
_CalcCost[192] := b_lslr_mand*b_state_two;
inc(TotEval);
if _CalcCost[192] > 0 then begin
    _Cost[192] :=
(((num_lsl_testout)*(numb_samp_test))*pp_lab_samp)*((hrs_analyze_lsl_plslr_op*rate_
op)+cost_lab_lsl_plslr))+(((num_lsl_testout)*(numb_samp_test))*pp_commercial_samp)*
cost_commercial_lsl_plslr);
    inc(TotEval);
    _OM[192] := 0;
inc(TotEval);
end;

//system_lslr_samp_inform_testout row: 195
_CalcCost[193] := b_lslr_mand;
inc(TotEval);
if _CalcCost[193] > 0 then begin
    _Cost[193] :=
((num_lsl_testout)*(numb_samp_test))*((hrs_inform_samp_op*rate_op)+cost_cust_plslr);
    inc(TotEval);
    _OM[193] := 0;
inc(TotEval);
end;

//system_report_lslr row: 196
_CalcCost[194] := b_lslr_mand;
inc(TotEval);
if _CalcCost[194] > 0 then begin
    _Cost[194] := (hrs_report_lcr_op*rate_op);
    inc(TotEval);
    _OM[194] := 0;
inc(TotEval);
end;

//state_report_lslr row: 197
_CalcCost[195] := b_lslr_mand;
inc(TotEval);
if _CalcCost[195] > 0 then begin
    _Cost[195] := (hrs_report_lcr_js*rate_js);
    inc(TotEval);
    _OM[195] := 0;
inc(TotEval);
end;

//system_existing_cct row: 198
_CalcCost[196] := pws_cct;
inc(TotEval);

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```

if _CalcCost[196] > 0 then begin
    _Cost[196] := cct_existing_cost;
    inc(TotEval);
    _OM[196] := 0;
inc(TotEval);
end;

//system_collect_ph_wqp_ale_cct_b32 row: 199
_CalcCost[197] := (p_wqp_cond*p_copper_ale)*pbaseph*pws_cct;
inc(TotEval);
if _CalcCost[197] > 0 then begin
    _Cost[197] :=
2*(numb_enhance_wqp)*((hrs_wqp_op*rate_op)+cost_wqp_material_ph);
    inc(TotEval);
    _OM[197] := 0;
inc(TotEval);
end;

//system_analyze_ph_wqp_ale_cct_b32 row: 200
_CalcCost[198] := (p_wqp_cond*p_copper_ale)*pbaseph*pws_cct;
inc(TotEval);
if _CalcCost[198] > 0 then begin
    _Cost[198] :=
2*(((numb_enhance_wqp*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_ph_anal
yze))+((numb_enhance_wqp*pp_commercial_samp)*cost_lab_ph_wqp));
    inc(TotEval);
    _OM[198] := 0;
inc(TotEval);
end;

//system_collect_ortho_wqp_ale_cct_b32 row: 201
_CalcCost[199] := (p_wqp_cond*p_copper_ale)*(pbasepo4+pbasephpo4)*pws_cct;
inc(TotEval);
if _CalcCost[199] > 0 then begin
    _Cost[199] :=
2*(numb_enhance_wqp)*((hrs_wqp_op*rate_op)+cost_wqp_material_ortho);
    inc(TotEval);
    _OM[199] := 0;
inc(TotEval);
end;

//system_analyze_ortho_wqp_ale_cct_b32 row: 202
_CalcCost[200] := (p_wqp_cond*p_copper_ale)*(pbasepo4+pbasephpo4)*pws_cct;
inc(TotEval);
if _CalcCost[200] > 0 then begin
    _Cost[200] :=
2*(((numb_enhance_wqp*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wqp_orth
o_analyze))+((numb_enhance_wqp*pp_commercial_samp)*cost_lab_ortho_wqp));
    inc(TotEval);
    _OM[200] := 0;

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inc(TotEval);
end;

//system_collect_ph_wqp_ale_no_cct_b32 row: 203
_CalcCost[201] := (p_wqp_cond*p_copper_ale)*(1-pws_cct);
inc(TotEval);
if _CalcCost[201] > 0 then begin
    _Cost[201] := 2*(numb_enhance_wqp)*((hrs_wqp_op*rate_op)+cost_wqp_material);
    inc(TotEval);
    _OM[201] := 0;
inc(TotEval);
end;

//system_analyze_ph_wqp_ale_no_cct_b32 row: 204
_CalcCost[202] := (p_wqp_cond*p_copper_ale)*(1-pws_cct);
inc(TotEval);
if _CalcCost[202] > 0 then begin
    _Cost[202] :=
2*(((numb_enhance_wqp*pp_lab_samp)*((hrs_wqp_analyze_dist_op*rate_op)+cost_wqp_analy
ze))+((numb_enhance_wqp*pp_commercial_samp)*cost_lab_wqp));
    inc(TotEval);
    _OM[202] := 0;
inc(TotEval);
end;

//system_collect_wqp_ep_ale_no_cct_b32 row: 205
_CalcCost[203] := (1-pws_cct)*(p_wqp_cond*p_copper_ale);
inc(TotEval);
if _CalcCost[203] > 0 then begin
    _Cost[203] :=
2*(numb_ep_wqp*numb_ep)*((hrs_ep_wqp_op*rate_op)+cost_ep_wqp_material);
    inc(TotEval);
    _OM[203] := 0;
inc(TotEval);
end;

//system_analyze_wqp_ep_ale_no_cct_b32 row: 206
_CalcCost[204] := (1-pws_cct)*(p_wqp_cond*p_copper_ale);
inc(TotEval);
if _CalcCost[204] > 0 then begin
    _Cost[204] :=
2*(((numb_ep*numb_ep_wqp)*pp_lab_samp)*((hrs_wqp_analyze_ep_op*rate_op)+cost_wqp_an
alyze_ep))+(((numb_ep*numb_ep_wqp)*pp_commercial_samp)*cost_lab_wqp_ep));
    inc(TotEval);
    _OM[204] := 0;
inc(TotEval);
end;

//system_report_ep_wqp_ale_no_cct_b32 row: 207
_CalcCost[205] := (1-pws_cct)*(p_wqp_cond*p_copper_ale);

```

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inc(TotEval);
if _CalcCost[205] > 0 then begin
    _Cost[205] := 2*(hrs_report_wqp_op*rate_op);
    inc(TotEval);
    _OM[205] := 0;
inc(TotEval);
end;

//state_review_wqp_ep_ale_no_cct_b32 row: 208
_CalcCost[206] := (1-pws_cct)*(p_wqp_cond*p_copper_ale);
inc(TotEval);
if _CalcCost[206] > 0 then begin
    _Cost[206] := 2*(hrs_wqp_js*rate_js);
    inc(TotEval);
    _OM[206] := 0;
inc(TotEval);
end;

//system_collect_wqp_ep_ale_w_cct_b32_ph row: 209
_CalcCost[207] := (p_wqp_cond*p_copper_ale)*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[207] > 0 then begin
    _Cost[207] :=
26*(numb_ep*numb_ep_wqp)*((hrs_ep_wqp_op*rate_op)+cost_ep_wqp_ph_material);
    inc(TotEval);
    _OM[207] := 0;
inc(TotEval);
end;

//system_analyze_wqp_ep_ale_w_cct_b32_ph row: 210
_CalcCost[208] := (p_wqp_cond*p_copper_ale)*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[208] > 0 then begin
    _Cost[208] :=
26*(((numb_ep*numb_ep_wqp)*pp_lab_samp)*((hrs_wqp_analyze_ph_ep_op*rate_op)+cost_wq
p_analyze_ph_ep))+(((numb_ep*numb_ep_wqp)*pp_commercial_samp)*cost_lab_wqp_ph_ep));
    inc(TotEval);
    _OM[208] := 0;
inc(TotEval);
end;

//system_report_ep_wqp_ale_w_cct_b32_ph row: 211
_CalcCost[209] := (p_wqp_cond*p_copper_ale)*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[209] > 0 then begin
    _Cost[209] := 2*(hrs_report_wqp_op*rate_op);
    inc(TotEval);
    _OM[209] := 0;
inc(TotEval);
end;

```

```

//state_review_wqp_ep_ale_w_cct_b32_ph row: 212
_CalcCost[210] := (p_wqp_cond*p_copper_ale)*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[210] > 0 then begin
    _Cost[210] := 2*(hrs_wqp_js*rate_js);
    inc(TotEval);
    _OM[210] := 0;
inc(TotEval);
end;

//system_collect_wqp_ale_ep_w_cct_b32_ortho row: 213
_CalcCost[211] := (p_wqp_cond*p_copper_ale)*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[211] > 0 then begin
    _Cost[211] :=
26*((numb_ep*numb_ep_wqp)*((hrs_ep_wqp_op*rate_op)+cost_ep_wqp_ortho_material));
    inc(TotEval);
    _OM[211] := 0;
inc(TotEval);
end;

//system_analyze_wqp_ep_ale_w_cct_b32_ortho row: 214
_CalcCost[212] := (p_wqp_cond*p_copper_ale)*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[212] > 0 then begin
    _Cost[212] :=
26*(((numb_ep*numb_ep_wqp)*pp_lab_samp)*((hrs_wqp_analyze_ortho_ep_op*rate_op)+cost
_wqp_analyze_ortho_ep))+(((numb_ep*numb_ep_wqp)*pp_commercial_samp)*cost_lab_wqp_ort
ho_ep));
    inc(TotEval);
    _OM[212] := 0;
inc(TotEval);
end;

//system_report_ep_wqp_ale_w_cct_b32_ortho row: 215
_CalcCost[213] := (p_wqp_cond*p_copper_ale)*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[213] > 0 then begin
    _Cost[213] := 2*(hrs_report_wqp_op*rate_op);
    inc(TotEval);
    _OM[213] := 0;
inc(TotEval);
end;

//state_review_wqp_ep_ale_w_cct_b32_ortho row: 216
_CalcCost[214] := (p_wqp_cond*p_copper_ale)*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[214] > 0 then begin
    _Cost[214] := 2*(hrs_wqp_js*rate_js);

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        inc(TotEval);
        _OM[214] := 0;
    inc(TotEval);
end;

//system_collect_ph_wqp_cct_ale_b1 row: 217
_CalcCost[215] := p_wqp_cond*pbaseph*pws_cct;
inc(TotEval);
if _CalcCost[215] > 0 then begin
    _Cost[215] :=
2*(numb_enhance_wqp)*((hrs_wqp_op*rate_op)+cost_wqp_material_ph);
    inc(TotEval);
    _OM[215] := 0;
    inc(TotEval);
end;

//system_analyze_ph_wqp_cct_ale_b1 row: 218
_CalcCost[216] := p_wqp_cond*pbaseph*pws_cct;
inc(TotEval);
if _CalcCost[216] > 0 then begin
    _Cost[216] :=
2*(((numb_enhance_wqp*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_ph_anal
yze))+((numb_enhance_wqp*pp_commercial_samp)*cost_lab_ph_wqp));
    inc(TotEval);
    _OM[216] := 0;
    inc(TotEval);
end;

//system_collect_ortho_wqp_ale_b1 row: 219
_CalcCost[217] := p_wqp_cond*(pbasepo4+pbasephpo4)*pws_cct;
inc(TotEval);
if _CalcCost[217] > 0 then begin
    _Cost[217] :=
2*(numb_enhance_wqp)*((hrs_wqp_op*rate_op)+cost_wqp_material_ortho);
    inc(TotEval);
    _OM[217] := 0;
    inc(TotEval);
end;

//system_analyze_ortho_wqp_ale_b1 row: 220
_CalcCost[218] := p_wqp_cond*(pbasepo4+pbasephpo4)*pws_cct;
inc(TotEval);
if _CalcCost[218] > 0 then begin
    _Cost[218] :=
2*(((numb_enhance_wqp*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wqp_orth
o_analyze))+((numb_enhance_wqp*pp_commercial_samp)*cost_lab_ortho_wqp));
    inc(TotEval);
    _OM[218] := 0;
    inc(TotEval);
end;

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//system_collect_ph_wqp_no_cct_ale_b1 row: 221
_CalcCost[219] := p_wqp_cond*(1-pws_cct);
inc(TotEval);
if _CalcCost[219] > 0 then begin
    _Cost[219] := 2*(numb_enhance_wqp)*((hrs_wqp_op*rate_op)+cost_wqp_material);
    inc(TotEval);
    _OM[219] := 0;
inc(TotEval);
end;

//system_analyze_ph_wqp_no_cct_ale_b1 row: 222
_CalcCost[220] := p_wqp_cond*(1-pws_cct);
inc(TotEval);
if _CalcCost[220] > 0 then begin
    _Cost[220] :=
2*(((numb_enhance_wqp*pp_lab_samp)*((hrs_wqp_analyze_dist_op*rate_op)+cost_wqp_analy
ze))+((numb_enhance_wqp*pp_commercial_samp)*cost_lab_wqp));
    inc(TotEval);
    _OM[220] := 0;
inc(TotEval);
end;

//system_collect_wqp_ep_no_cct_b1 row: 223
_CalcCost[221] := (1-pws_cct)*p_wqp_cond;
inc(TotEval);
if _CalcCost[221] > 0 then begin
    _Cost[221] :=
2*(numb_ep_wqp*numb_ep)*((hrs_ep_wqp_op*rate_op)+cost_ep_wqp_material);
    inc(TotEval);
    _OM[221] := 0;
inc(TotEval);
end;

//system_analyze_wqp_ep_no_cct_b1 row: 224
_CalcCost[222] := (1-pws_cct)*p_wqp_cond;
inc(TotEval);
if _CalcCost[222] > 0 then begin
    _Cost[222] :=
2*(((numb_ep*numb_ep_wqp)*pp_lab_samp)*((hrs_wqp_analyze_ep_op*rate_op)+cost_wqp_an
alyze_ep))+(((numb_ep*numb_ep_wqp)*pp_commercial_samp)*cost_lab_wqp_ep));
    inc(TotEval);
    _OM[222] := 0;
inc(TotEval);
end;

//system_report_ep_wqp_no_cct_b1 row: 225
_CalcCost[223] := (1-pws_cct)*p_wqp_cond;
inc(TotEval);
if _CalcCost[223] > 0 then begin

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    _Cost[223] := 2*(hrs_report_wqp_op*rate_op);
    inc(TotEval);
    _OM[223] := 0;
inc(TotEval);
end;

//state_review_wqp_ep_no_cct_b1 row: 226
_CalcCost[224] := (1-pws_cct)*p_wqp_cond;
inc(TotEval);
if _CalcCost[224] > 0 then begin
    _Cost[224] := 2*(hrs_wqp_js*rate_js);
    inc(TotEval);
    _OM[224] := 0;
inc(TotEval);
end;

//system_collect_wqp_ep_w_cct_b1_ph row: 227
_CalcCost[225] := p_wqp_cond*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[225] > 0 then begin
    _Cost[225] :=
26*(numb_ep*numb_ep_wqp)*((hrs_ep_wqp_op*rate_op)+cost_ep_wqp_ph_material);
    inc(TotEval);
    _OM[225] := 0;
inc(TotEval);
end;

//system_analyze_wqp_ep_w_cct_b1_ph row: 228
_CalcCost[226] := p_wqp_cond*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[226] > 0 then begin
    _Cost[226] :=
26*(((numb_ep*numb_ep_wqp)*pp_lab_samp)*((hrs_wqp_analyze_ph_ep_op*rate_op)+cost_wq
p_analyze_ph_ep))+(((numb_ep*numb_ep_wqp)*pp_commercial_samp)*cost_lab_wqp_ph_ep));
    inc(TotEval);
    _OM[226] := 0;
inc(TotEval);
end;

//system_report_ep_wqp_w_cct_b1_ph row: 229
_CalcCost[227] := p_wqp_cond*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[227] > 0 then begin
    _Cost[227] := 2*(hrs_report_wqp_op*rate_op);
    inc(TotEval);
    _OM[227] := 0;
inc(TotEval);
end;

//state_review_wqp_ep_w_cct_b1_ph row: 230

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_CalcCost[228] := p_wqp_cond*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[228] > 0 then begin
    _Cost[228] := 2*(hrs_wqp_js*rate_js);
    inc(TotEval);
    _OM[228] := 0;
inc(TotEval);
end;

//system_collect_wqp_ep_w_cct_b1_ortho row: 231
_CalcCost[229] := p_wqp_cond*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[229] > 0 then begin
    _Cost[229] :=
26*(numb_ep*numb_ep_wqp)*((hrs_ep_wqp_op*rate_op)+cost_ep_wqp_ortho_material);
    inc(TotEval);
    _OM[229] := 0;
inc(TotEval);
end;

//system_analyze_wqp_ep_w_cct_b1_ortho row: 232
_CalcCost[230] := p_wqp_cond*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[230] > 0 then begin
    _Cost[230] :=
26*(((numb_ep*numb_ep_wqp)*pp_lab_samp)*((hrs_wqp_analyze_ortho_ep_op*rate_op)+cost
_wqp_analyze_ortho_ep))+(((numb_ep*numb_ep_wqp)*pp_commercial_samp)*cost_lab_wqp_ort
ho_ep));
    inc(TotEval);
    _OM[230] := 0;
inc(TotEval);
end;

//system_report_ep_wqp_w_cct_b1_ortho row: 233
_CalcCost[231] := p_wqp_cond*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[231] > 0 then begin
    _Cost[231] := 2*(hrs_report_wqp_op*rate_op);
    inc(TotEval);
    _OM[231] := 0;
inc(TotEval);
end;

//state_review_wqp_ep_w_cct_b1_ortho row: 234
_CalcCost[232] := p_wqp_cond*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[232] > 0 then begin
    _Cost[232] := 2*(hrs_wqp_js*rate_js);
    inc(TotEval);
    _OM[232] := 0;

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inc(TotEval);
end;

//system_collect_ph_wqp_b32 row: 235
_CalcCost[233] :=
(pws_cct*p_wqp_all*(1-(p_wqp_annual+p_wqp_triennial+p_wqp_six_red)))*pbaseph;
inc(TotEval);
if _CalcCost[233] > 0 then begin
_Cost[233] :=
2*(numb_reduced_wqp)*((hrs_wqp_op*rate_op)+cost_wqp_material_ph);
inc(TotEval);
_OM[233] := 0;
inc(TotEval);
end;

//system_analyze_ph_wqp_b32 row: 236
_CalcCost[234] :=
(pws_cct*p_wqp_all*(1-(p_wqp_annual+p_wqp_triennial+p_wqp_six_red)))*pbaseph;
inc(TotEval);
if _CalcCost[234] > 0 then begin
_Cost[234] :=
2*(((numb_reduced_wqp*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_ph_anal
yze))+((numb_reduced_wqp*pp_commercial_samp)*cost_lab_ph_wqp));
inc(TotEval);
_OM[234] := 0;
inc(TotEval);
end;

//system_collect_ortho_wqp_b32 row: 237
_CalcCost[235] :=
(pws_cct*p_wqp_all*(1-(p_wqp_annual+p_wqp_triennial+p_wqp_six_red)))*(pbasepo4+pbase
phpo4);
inc(TotEval);
if _CalcCost[235] > 0 then begin
_Cost[235] :=
2*(numb_reduced_wqp)*((hrs_wqp_op*rate_op)+cost_wqp_material_ortho);
inc(TotEval);
_OM[235] := 0;
inc(TotEval);
end;

//system_analyze_ortho_wqp_b32 row: 238
_CalcCost[236] :=
(pws_cct*p_wqp_all*(1-(p_wqp_annual+p_wqp_triennial+p_wqp_six_red)))*(pbasepo4+pbase
phpo4);
inc(TotEval);
if _CalcCost[236] > 0 then begin
_Cost[236] :=
2*(((numb_reduced_wqp*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wqp_orth
o_analyze))+((numb_reduced_wqp*pp_commercial_samp)*cost_lab_ortho_wqp));

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        inc(TotEval);
        _OM[236] := 0;
    inc(TotEval);
end;

//system_collect_wqp_annual_ph row: 239
_CalcCost[237] := p_wqp_annual*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[237] > 0 then begin
    _Cost[237] := (numb_reduced_wqp)*((hrs_wqp_op*rate_op)+cost_wqp_material_ph);
    inc(TotEval);
    _OM[237] := 0;
inc(TotEval);
end;

//system_analyze_wqp_annual_ph row: 240
_CalcCost[238] := p_wqp_annual*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[238] > 0 then begin
    _Cost[238] :=
((numb_reduced_wqp*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_ph_analyze
))+((numb_reduced_wqp*pp_commercial_samp)*cost_lab_ph_wqp);
    inc(TotEval);
    _OM[238] := 0;
inc(TotEval);
end;

//system_collect_wqp_tri_ph row: 241
_CalcCost[239] := p_wqp_triennial*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[239] > 0 then begin
    _Cost[239] := (numb_reduced_wqp)*((hrs_wqp_op*rate_op)+cost_wqp_material_ph);
    inc(TotEval);
    _OM[239] := 0;
inc(TotEval);
end;

//system_analyze_wqp_tri_ph row: 242
_CalcCost[240] := p_wqp_triennial*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[240] > 0 then begin
    _Cost[240] :=
(((numb_reduced_wqp*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_ph_analyz
e))+((numb_reduced_wqp*pp_commercial_samp)*cost_lab_ph_wqp));
    inc(TotEval);
    _OM[240] := 0;
inc(TotEval);
end;

//system_collect_wqp_reduced_ph row: 243

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    _CalcCost[241] := p_wqp_six_red*pws_cct*pbaseph;
    inc(TotEval);
    if _CalcCost[241] > 0 then begin
        _Cost[241] :=
2*(numb_reduced_wqp)*((hrs_wqp_op*rate_op)+cost_wqp_material_ph);
        inc(TotEval);
        _OM[241] := 0;
        inc(TotEval);
    end;

    //system_analyze_wqp_reduced_ph row: 244
    _CalcCost[242] := p_wqp_six_red*pws_cct*pbaseph;
    inc(TotEval);
    if _CalcCost[242] > 0 then begin
        _Cost[242] :=
2*(((numb_reduced_wqp*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_ph_anal
yze))+((numb_reduced_wqp*pp_commercial_samp)*cost_lab_ph_wqp));
        inc(TotEval);
        _OM[242] := 0;
        inc(TotEval);
    end;

    //system_collect_wqp_annual_ortho row: 245
    _CalcCost[243] := p_wqp_annual*pws_cct*(pbasepo4+pbasephpo4);
    inc(TotEval);
    if _CalcCost[243] > 0 then begin
        _Cost[243] :=
(numb_reduced_wqp)*((hrs_wqp_op*rate_op)+cost_wqp_material_ortho);
        inc(TotEval);
        _OM[243] := 0;
        inc(TotEval);
    end;

    //system_analyze_wqp_annual_ortho row: 246
    _CalcCost[244] := p_wqp_annual*pws_cct*(pbasepo4+pbasephpo4);
    inc(TotEval);
    if _CalcCost[244] > 0 then begin
        _Cost[244] :=
(((numb_reduced_wqp*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wqp_ortho_
analyze))+((numb_reduced_wqp*pp_commercial_samp)*cost_lab_ortho_wqp));
        inc(TotEval);
        _OM[244] := 0;
        inc(TotEval);
    end;

    //system_collect_wqp_tri_ortho row: 247
    _CalcCost[245] := p_wqp_triennial*pws_cct*(pbasepo4+pbasephpo4);
    inc(TotEval);
    if _CalcCost[245] > 0 then begin
        _Cost[245] :=

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(numb_reduced_wqp)*((hrs_wqp_op*rate_op)+cost_wqp_material_ortho);
    inc(TotEval);
    _OM[245] := 0;
    inc(TotEval);
end;

//system_analyze_wqp_tri_ortho row: 248
_CalcCost[246] := p_wqp_triennial*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[246] > 0 then begin
    _Cost[246] :=
((numb_reduced_wqp*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wqp_ortho_
analyze))+((numb_reduced_wqp*pp_commercial_samp)*cost_lab_ortho_wqp));
    inc(TotEval);
    _OM[246] := 0;
    inc(TotEval);
end;

//system_collect_wqp_reduced_ortho row: 249
_CalcCost[247] := p_wqp_six_red*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[247] > 0 then begin
    _Cost[247] :=
2*(numb_reduced_wqp)*((hrs_wqp_op*rate_op)+cost_wqp_material_ortho);
    inc(TotEval);
    _OM[247] := 0;
    inc(TotEval);
end;

//system_analyze_wqp_reduced_ortho row: 250
_CalcCost[248] := p_wqp_six_red*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[248] > 0 then begin
    _Cost[248] :=
2*((numb_reduced_wqp*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wqp_orth
o_analyze))+((numb_reduced_wqp*pp_commercial_samp)*cost_lab_ortho_wqp));
    inc(TotEval);
    _OM[248] := 0;
    inc(TotEval);
end;

//system_collect_wqp_ep_w_cct_ph row: 251
_CalcCost[249] := pws_cct*p_wqp_all*pbaseph;
inc(TotEval);
if _CalcCost[249] > 0 then begin
    _Cost[249] :=
26*(numb_ep*numb_ep_wqp)*((hrs_ep_wqp_op*rate_op)+cost_ep_wqp_ph_material);
    inc(TotEval);
    _OM[249] := 0;
    inc(TotEval);
end;

```

```

end;

//system_analyze_wqp_ep_w_cct_ph row: 252
_CalcCost[250] := pws_cct*p_wqp_all*pbaseph;
inc(TotEval);
if _CalcCost[250] > 0 then begin
    _Cost[250] :=
26*(((numb_ep*numb_ep_wqp)*pp_lab_samp)*((hrs_wqp_analyze_ph_ep_op*rate_op)+cost_wq
p_analyze_ph_ep))+(((numb_ep*numb_ep_wqp)*pp_commercial_samp)*cost_lab_wqp_ph_ep));
    inc(TotEval);
    _OM[250] := 0;
inc(TotEval);
end;

//system_report_ep_wqp_w_cct_ph row: 253
_CalcCost[251] := pws_cct*p_wqp_all*pbaseph;
inc(TotEval);
if _CalcCost[251] > 0 then begin
    _Cost[251] := 2*(hrs_report_wqp_op*rate_op);
    inc(TotEval);
    _OM[251] := 0;
inc(TotEval);
end;

//state_review_wqp_ep_w_cct_ph row: 254
_CalcCost[252] := pws_cct*p_wqp_all*pbaseph;
inc(TotEval);
if _CalcCost[252] > 0 then begin
    _Cost[252] := 2*(hrs_wqp_js*rate_js);
    inc(TotEval);
    _OM[252] := 0;
inc(TotEval);
end;

//system_collect_wqp_ep_w_cct_ortho row: 255
_CalcCost[253] := pws_cct*p_wqp_all*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[253] > 0 then begin
    _Cost[253] :=
26*(numb_ep*numb_ep_wqp)*((hrs_ep_wqp_op*rate_op)+cost_ep_wqp_ortho_material);
    inc(TotEval);
    _OM[253] := 0;
inc(TotEval);
end;

//system_analyze_wqp_ep_w_cct_ortho row: 256
_CalcCost[254] := pws_cct*p_wqp_all*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[254] > 0 then begin
    _Cost[254] :=

```



```

26*(((numb_ep*numb_ep_wqp)*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wq
p_analyze_ortho_ep))+(((numb_ep*numb_ep_wqp)*pp_commercial_samp)*cost_lab_wqp_ortho_
ep));
    inc(TotEval);
    _OM[254] := 0;
    inc(TotEval);
end;

//system_report_ep_wqp_w_cct_ortho row: 257
_CalcCost[255] := pws_cct*p_wqp_all*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[255] > 0 then begin
    _Cost[255] := 2*(hrs_report_wqp_op*rate_op);
    inc(TotEval);
    _OM[255] := 0;
inc(TotEval);
end;

//state_review_wqp_ep_w_cct_ortho row: 258
_CalcCost[256] := pws_cct*p_wqp_all*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[256] > 0 then begin
    _Cost[256] := 2*(hrs_wqp_js*rate_js);
    inc(TotEval);
    _OM[256] := 0;
inc(TotEval);
end;

//system_lt_pe_ntncws row: 259
_CalcCost[257] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine));
inc(TotEval);
if _CalcCost[257] > 0 then begin
    _Cost[257] := 2*((hrs_ntncws_inform_samp_op*rate_op)+cost_ntncws_cust_lt);
    inc(TotEval);
    _OM[257] := 0;
inc(TotEval);
end;

//system_lt_pe_annual_ntncws row: 260
_CalcCost[258] := p_tap_annual;
inc(TotEval);
if _CalcCost[258] > 0 then begin
    _Cost[258] := ((hrs_ntncws_inform_samp_op*rate_op)+cost_ntncws_cust_lt);
    inc(TotEval);
    _OM[258] := 0;
inc(TotEval);
end;

//system_lt_pe_tri_ntncws row: 261
_CalcCost[259] := p_tap_triennial;

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```

inc(TotEval);
if _CalcCost[259] > 0 then begin
    _Cost[259] := ((hrs_ntncws_inform_samp_op*rate_op)+cost_ntncws_cust_lt);
    inc(TotEval);
    _OM[259] := 0;
inc(TotEval);
end;

//system_lt_pe_nine_ntncws row: 262
_CalcCost[260] := p_tap_nine;
inc(TotEval);
if _CalcCost[260] > 0 then begin
    _Cost[260] := ((hrs_ntncws_inform_samp_op*rate_op)+cost_ntncws_cust_lt);
    inc(TotEval);
    _OM[260] := 0;
inc(TotEval);
end;

//system_pe_ale_ntncws row: 263
_Cost[261] := ((hrs_ntncws_distr_edu_op*rate_op)+cost_ntncws_pe_lcr_delivery);
inc(TotEval);
_OM[261] := 0;
inc(TotEval);

//system_school_samp_dummy row: 264
_Cost[262] := 0;
inc(TotEval);
_OM[262] := 0;
inc(TotEval);

//state_school_samp_dummy row: 265
_Cost[263] := 0;
inc(TotEval);
_OM[263] := 0;
inc(TotEval);

//system_pou_total_dummy row: 266
_Cost[264] := 0;
inc(TotEval);
_OM[264] := 0;
inc(TotEval);

//system_admin_total_dummy row: 267
_Cost[265] := 0;
inc(TotEval);
_OM[265] := 0;
inc(TotEval);

//system_inventory_total_dummy row: 268
_Cost[266] := 0;

```

```
    inc(TotEval);
    _OM[266] := 0;
    inc(TotEval);

//total_lslr_fail_dummy row: 269
    _Cost[267] := 0;
    inc(TotEval);
    _OM[267] := 0;
    inc(TotEval);

//state_lslr_failure_total_dummy row: 270
    _Cost[268] := 0;
    inc(TotEval);
    _OM[268] := 0;
    inc(TotEval);

//state_inventory_total_dummy row: 271
    _Cost[269] := 0;
    inc(TotEval);
    _OM[269] := 0;
    inc(TotEval);

//state_pou_total_dummey row: 272
    _Cost[270] := 0;
    inc(TotEval);
    _OM[270] := 0;
    inc(TotEval);

//state_find_fix_dummy row: 273
    _Cost[271] := 0;
    inc(TotEval);
    _OM[271] := 0;
    inc(TotEval);

//system_find_fix_anc_dummy row: 274
    _Cost[272] := 0;
    inc(TotEval);
    _OM[272] := 0;
    inc(TotEval);

//state_find_fix_anc_dummy row: 275
    _Cost[273] := 0;
    inc(TotEval);
    _OM[273] := 0;
    inc(TotEval);

//system_cct_pou_anc_dummy row: 276
    _Cost[274] := 0;
    inc(TotEval);
    _OM[274] := 0;
```

```

inc(TotEval);

//system_find_fix_dummy row: 277
_Cost[275] := 0;
inc(TotEval);
_OM[275] := 0;
inc(TotEval);

//cct_findfix_cost_umra row: 278
_CalcCost[276] := b_findfix;
inc(TotEval);
if _CalcCost[276] > 0 then begin
    _Cost[276] := cct_dssa_cost_umra;
    inc(TotEval);
    _OM[276] := 0;
inc(TotEval);
end;

//cct_install_cost_umra row: 279
_CalcCost[277] := b_install_cct;
inc(TotEval);
if _CalcCost[277] > 0 then begin
    _Cost[277] := cct_install_cost_umra;
    inc(TotEval);
    _OM[277] := 0;
inc(TotEval);
end;

//cct_modify_cost_umra row: 280
_CalcCost[278] := b_modify_cct;
inc(TotEval);
if _CalcCost[278] > 0 then begin
    _Cost[278] := cct_modify_cost_umra;
    inc(TotEval);
    _OM[278] := 0;
inc(TotEval);
end;

//cct_findfix_cost_umra_om row: 281
_CalcCost[279] := b_findfix;
inc(TotEval);
if _CalcCost[279] > 0 then begin
    _Cost[279] := cct_dssa_cost_umra_om;
    inc(TotEval);
    _OM[279] := 0;
inc(TotEval);
end;

//cct_install_cost_umra_om row: 282
_CalcCost[280] := b_install_cct;

```

```

inc(TotEval);
if _CalcCost[280] > 0 then begin
    _Cost[280] := cct_install_cost_umra_om;
    inc(TotEval);
    _OM[280] := 0;
inc(TotEval);
end;

//cct_modify_cost_umra_om row: 283
_CalcCost[281] := b_modify_cct;
inc(TotEval);
if _CalcCost[281] > 0 then begin
    _Cost[281] := cct_modify_cost_umra_om;
    inc(TotEval);
    _OM[281] := 0;
inc(TotEval);
end;

//cct_install_cost_p row: 284
_CalcCost[282] := b_install_cct;
inc(TotEval);
if _CalcCost[282] > 0 then begin
    _Cost[282] := cct_install_cost_p;
    inc(TotEval);
    _OM[282] := 0;
inc(TotEval);
end;

//cct_modify_cost_p row: 285
_CalcCost[283] := b_modify_cct;
inc(TotEval);
if _CalcCost[283] > 0 then begin
    _Cost[283] := cct_modify_cost_p;
    inc(TotEval);
    _OM[283] := 0;
inc(TotEval);
end;

//cct_findfix_cost_p row: 286
_CalcCost[284] := b_findfix;
inc(TotEval);
if _CalcCost[284] > 0 then begin
    _Cost[284] := cct_dssa_cost_p;
    inc(TotEval);
    _OM[284] := 0;
inc(TotEval);
end;

//system_trigger_cct_ancillary_dummy row: 287
_Cost[285] := 0;

```

```

    inc(TotEval);
    _OM[285] := 0;
    inc(TotEval);

//system_trigger_cct_dummy row: 288
    _Cost[286] := 0;
    inc(TotEval);
    _OM[286] := 0;
    inc(TotEval);

//system_lsl_volun_dummy row: 289
    _Cost[287] := 0;
    inc(TotEval);
    _OM[287] := 0;
    inc(TotEval);

//system_lsl_cap_volun_dummy row: 290
    _Cost[288] := 0;
    inc(TotEval);
    _OM[288] := 0;
    inc(TotEval);

//system_lsl_hh_volun_dummy row: 291
    _Cost[289] := 0;
    inc(TotEval);
    _OM[289] := 0;
    inc(TotEval);

//system_school_followup_dummy row: 292
    _Cost[290] := 0;
    inc(TotEval);
    _OM[290] := 0;
    inc(TotEval);

//system_lslr_study_dummy row: 293
    _Cost[291] := 0;
    inc(TotEval);
    _OM[291] := 0;
    inc(TotEval);

//state_trigger_cct_ancillary_dummy row: 294
    _Cost[292] := 0;
    inc(TotEval);
    _OM[292] := 0;
    inc(TotEval);

//state_lsl_volun_dummy row: 295
    _Cost[293] := 0;
    inc(TotEval);
    _OM[293] := 0;

```

```

    inc(TotEval);

    //state_lsl_cct_ancillary_dummy row: 296
    _Cost[294] := 0;
    inc(TotEval);
    _OM[294] := 0;
    inc(TotEval);

    //system_lsl_request_dummy row: 297
    _Cost[295] := 0;
    inc(TotEval);
    _OM[295] := 0;
    inc(TotEval);

    //system_lsl_cap_request_dummy row: 298
    _Cost[296] := 0;
    inc(TotEval);
    _OM[296] := 0;
    inc(TotEval);

    //state_lsl_request_dummy row: 299
    _Cost[297] := 0;
    inc(TotEval);
    _OM[297] := 0;
    inc(TotEval);

    //system_temp_pou_dummy row: 300
    _Cost[298] := 0;
    inc(TotEval);
    _OM[298] := 0;
    inc(TotEval);

    //system_lead_pe_dummy row: 301
    _Cost[299] := 0;
    inc(TotEval);
    _OM[299] := 0;
    inc(TotEval);

    //system_all_filter_dummy row: 302
    _Cost[300] := 0;
    inc(TotEval);
    _OM[300] := 0;
    inc(TotEval);

end;
end;

procedure TLSRCompiledCostBaselineLCR._EvaluateState(const Yr : integer);
begin
    _Reset(True);

```

```

_LoadVars();
with _Variables do begin

    //state_epa row: 2
    _Cost[0] := (hrs_coord_epa_js*rate_js);
    inc(TotEval);
    _OM[0] := 0;
    inc(TotEval);

    //state_ta row: 3
    _Cost[1] := (hrs_ta_js*rate_js);
    inc(TotEval);
    _OM[1] := 0;
    inc(TotEval);

    //state_sdwis row: 4
    _Cost[2] := (hrs_sdwis_js*rate_js);
    inc(TotEval);
    _OM[2] := 0;
    inc(TotEval);

    //state_train_admin row: 5
    _Cost[3] := (hrs_train_ann_js*rate_js);
    inc(TotEval);
    _OM[3] := 0;
    inc(TotEval);

end;
end;

```

```

procedure TLSRCompiledCostBaselineLCR._SetVarPointer(const name : string; const pd :
PDouble);
var s : string;
begin
    s := lowercase(name);
    if s = 'b_cct_study_install' then _Variables.p_b_cct_study_install:=pd else
    if s = 'b_cct_study_mod' then _Variables.p_b_cct_study_mod:=pd else
    if s = 'b_cct_study_rec_install' then _Variables.p_b_cct_study_rec_install:=pd
else
    if s = 'b_cct_study_rec_mod' then _Variables.p_b_cct_study_rec_mod:=pd else
    if s = 'b_findfix' then _Variables.p_b_findfix:=pd else
    if s = 'b_install_cct' then _Variables.p_b_install_cct:=pd else
    if s = 'b_lslr_mand' then _Variables.p_b_lslr_mand:=pd else
    if s = 'b_modify_cct' then _Variables.p_b_modify_cct:=pd else
    if s = 'b_state_cct_treatment_install' then
_Variables.p_b_state_cct_treatment_install:=pd else
    if s = 'b_state_cct_treatment_mod' then _Variables.p_b_state_cct_treatment_mod:=pd
else
    if s = 'b_state_two' then _Variables.p_b_state_two:=pd else

```



```

if s = 'cct_dssa_cost_p' then _Variables.p_cct_dssa_cost_p:=pd else
if s = 'cct_dssa_cost_umra' then _Variables.p_cct_dssa_cost_umra:=pd else
if s = 'cct_dssa_cost_umra_om' then _Variables.p_cct_dssa_cost_umra_om:=pd else
if s = 'cct_existing_cost' then _Variables.p_cct_existing_cost:=pd else
if s = 'cct_install_cost' then _Variables.p_cct_install_cost:=pd else
if s = 'cct_install_cost_p' then _Variables.p_cct_install_cost_p:=pd else
if s = 'cct_install_cost_umra' then _Variables.p_cct_install_cost_umra:=pd else
if s = 'cct_install_cost_umra_om' then _Variables.p_cct_install_cost_umra_om:=pd
else
if s = 'cct_modify_cost' then _Variables.p_cct_modify_cost:=pd else
if s = 'cct_modify_cost_p' then _Variables.p_cct_modify_cost_p:=pd else
if s = 'cct_modify_cost_umra' then _Variables.p_cct_modify_cost_umra:=pd else
if s = 'cct_modify_cost_umra_om' then _Variables.p_cct_modify_cost_umra_om:=pd
else
if s = 'cost_ale_other' then _Variables.p_cost_ale_other:=pd else
if s = 'cost_cct_study_dem' then _Variables.p_cost_cct_study_dem:=pd else
if s = 'cost_cct_study_desk' then _Variables.p_cost_cct_study_desk:=pd else
if s = 'cost_commercial_lab' then _Variables.p_cost_commercial_lab:=pd else
if s = 'cost_commercial_lsl_plslr' then _Variables.p_cost_commercial_lsl_plslr:=pd
else
if s = 'cost_cust_lt' then _Variables.p_cost_cust_lt:=pd else
if s = 'cost_cust_plslr' then _Variables.p_cost_cust_plslr:=pd else
if s = 'cost_ep_wqp_material' then _Variables.p_cost_ep_wqp_material:=pd else
if s = 'cost_ep_wqp_ortho_material' then
_VVariables.p_cost_ep_wqp_ortho_material:=pd else
if s = 'cost_ep_wqp_ph_material' then _Variables.p_cost_ep_wqp_ph_material:=pd
else
if s = 'cost_incentive' then _Variables.p_cost_incentive:=pd else
if s = 'cost_lab_lsl_plslr' then _Variables.p_cost_lab_lsl_plslr:=pd else
if s = 'cost_lab_lt_samp' then _Variables.p_cost_lab_lt_samp:=pd else
if s = 'cost_lab_ortho_wqp' then _Variables.p_cost_lab_ortho_wqp:=pd else
if s = 'cost_lab_ph_wqp' then _Variables.p_cost_lab_ph_wqp:=pd else
if s = 'cost_lab_wqp' then _Variables.p_cost_lab_wqp:=pd else
if s = 'cost_lab_wqp_ep' then _Variables.p_cost_lab_wqp_ep:=pd else
if s = 'cost_lab_wqp_ortho_ep' then _Variables.p_cost_lab_wqp_ortho_ep:=pd else
if s = 'cost_lab_wqp_ph_ep' then _Variables.p_cost_lab_wqp_ph_ep:=pd else
if s = 'cost_lcr_lslr_out' then _Variables.p_cost_lcr_lslr_out:=pd else
if s = 'cost_lsl_samp' then _Variables.p_cost_lsl_samp:=pd else
if s = 'cost_lslr_lsl_ccemg_vol_hh' then
_VVariables.p_cost_lslr_lsl_ccemg_vol_hh:=pd else
if s = 'cost_lslr_lsl_ccemg_vol_pws' then
_VVariables.p_cost_lslr_lsl_ccemg_vol_pws:=pd else
if s = 'cost_lslr_lsl_reg_vol_hh' then _Variables.p_cost_lslr_lsl_reg_vol_hh:=pd
else
if s = 'cost_lslr_lsl_reg_vol_pws' then _Variables.p_cost_lslr_lsl_reg_vol_pws:=pd
else
if s = 'cost_lt_samp' then _Variables.p_cost_lt_samp:=pd else
if s = 'cost_ntncws_cust_lt' then _Variables.p_cost_ntncws_cust_lt:=pd else
if s = 'cost_ntncws_pe_lcr_delivery' then
_VVariables.p_cost_ntncws_pe_lcr_delivery:=pd else

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```

if s = 'cost_pe_lcr_delivery' then _Variables.p_cost_pe_lcr_delivery:=pd else
if s = 'cost_pe_lead_ale' then _Variables.p_cost_pe_lead_ale:=pd else
if s = 'cost_pickup_samp' then _Variables.p_cost_pickup_samp:=pd else
if s = 'cost_pr' then _Variables.p_cost_pr:=pd else
if s = 'cost_prior_notif' then _Variables.p_cost_prior_notif:=pd else
if s = 'cost_replaced_lsl_contact' then _Variables.p_cost_replaced_lsl_contact:=pd
else
if s = 'cost_revise_cct' then _Variables.p_cost_revise_cct:=pd else
if s = 'cost_source' then _Variables.p_cost_source:=pd else
if s = 'cost_source_analyze' then _Variables.p_cost_source_analyze:=pd else
if s = 'cost_source_material' then _Variables.p_cost_source_material:=pd else
if s = 'cost_wqp_analyze' then _Variables.p_cost_wqp_analyze:=pd else
if s = 'cost_wqp_analyze_ep' then _Variables.p_cost_wqp_analyze_ep:=pd else
if s = 'cost_wqp_analyze_ortho_ep' then _Variables.p_cost_wqp_analyze_ortho_ep:=pd
else
if s = 'cost_wqp_analyze_ph_ep' then _Variables.p_cost_wqp_analyze_ph_ep:=pd else
if s = 'cost_wqp_material' then _Variables.p_cost_wqp_material:=pd else
if s = 'cost_wqp_material_ortho' then _Variables.p_cost_wqp_material_ortho:=pd
else
if s = 'cost_wqp_material_ph' then _Variables.p_cost_wqp_material_ph:=pd else
if s = 'cost_wqp_ortho_analyze' then _Variables.p_cost_wqp_ortho_analyze:=pd else
if s = 'cost_wqp_ph_analyze' then _Variables.p_cost_wqp_ph_analyze:=pd else
if s = 'hh_remain_lsl' then _Variables.p_hh_remain_lsl:=pd else
if s = 'hrs_ale_consult_js' then _Variables.p_hrs_ale_consult_js:=pd else
if s = 'hrs_ale_consult_op' then _Variables.p_hrs_ale_consult_op:=pd else
if s = 'hrs_ale_lang_js' then _Variables.p_hrs_ale_lang_js:=pd else
if s = 'hrs_ale_other_op' then _Variables.p_hrs_ale_other_op:=pd else
if s = 'hrs_analyze_lsl_plslr_op' then _Variables.p_hrs_analyze_lsl_plslr_op:=pd
else
if s = 'hrs_analyze_samp_op' then _Variables.p_hrs_analyze_samp_op:=pd else
if s = 'hrs_annual_lt_js' then _Variables.p_hrs_annual_lt_js:=pd else
if s = 'hrs_annual_lt_op' then _Variables.p_hrs_annual_lt_op:=pd else
if s = 'hrs_cert_cust_lt_js' then _Variables.p_hrs_cert_cust_lt_js:=pd else
if s = 'hrs_cert_cust_lt_op' then _Variables.p_hrs_cert_cust_lt_op:=pd else
if s = 'hrs_cert_outreach_annual_js' then
_VVariables.p_hrs_cert_outreach_annual_js:=pd else
if s = 'hrs_cert_outreach_annual_op' then
_VVariables.p_hrs_cert_outreach_annual_op:=pd else
if s = 'hrs_chng_tap_js' then _Variables.p_hrs_chng_tap_js:=pd else
if s = 'hrs_chng_tap_op' then _Variables.p_hrs_chng_tap_op:=pd else
if s = 'hrs_collect_lsl_plslr_op' then _Variables.p_hrs_collect_lsl_plslr_op:=pd
else
if s = 'hrs_coop_source_chng_red_js' then
_VVariables.p_hrs_coop_source_chng_red_js:=pd else
if s = 'hrs_coop_source_chng_red_op' then
_VVariables.p_hrs_coop_source_chng_red_op:=pd else
if s = 'hrs_coop_treat_chng_red_js' then
_VVariables.p_hrs_coop_treat_chng_red_js:=pd else
if s = 'hrs_coop_treat_chng_red_op' then
_VVariables.p_hrs_coop_treat_chng_red_op:=pd else

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if s = 'hrs_coord_epa_js' then _Variables.p_hrs_coord_epa_js:=pd else
if s = 'hrs_discuss_samp_op' then _Variables.p_hrs_discuss_samp_op:=pd else
if s = 'hrs_distr_agencies_pe_op' then _Variables.p_hrs_distr_agencies_pe_op:=pd
else
if s = 'hrs_distr_edu_op' then _Variables.p_hrs_distr_edu_op:=pd else
if s = 'hrs_ep_wqp_op' then _Variables.p_hrs_ep_wqp_op:=pd else
if s = 'hrs_ha_op' then _Variables.p_hrs_ha_op:=pd else
if s = 'hrs_inform_samp_op' then _Variables.p_hrs_inform_samp_op:=pd else
if s = 'hrs_lcr_cct_js' then _Variables.p_hrs_lcr_cct_js:=pd else
if s = 'hrs_lcr_lslr_out_deliv_op' then _Variables.p_hrs_lcr_lslr_out_deliv_op:=pd
else
if s = 'hrs_lcr_lslr_out_op' then _Variables.p_hrs_lcr_lslr_out_op:=pd else
if s = 'hrs_lcr_lslr_prior_op' then _Variables.p_hrs_lcr_lslr_prior_op:=pd else
if s = 'hrs_lcr_study_js' then _Variables.p_hrs_lcr_study_js:=pd else
if s = 'hrs_ntncws_distr_edu_op' then _Variables.p_hrs_ntncws_distr_edu_op:=pd
else
if s = 'hrs_ntncws_inform_samp_op' then _Variables.p_hrs_ntncws_inform_samp_op:=pd
else
if s = 'hrs_pe_al_devel_op' then _Variables.p_hrs_pe_al_devel_op:=pd else
if s = 'hrs_pe_certify_quarterly_js' then
_Variables.p_hrs_pe_certify_quarterly_js:=pd else
if s = 'hrs_pe_certify_quarterly_op' then
_Variables.p_hrs_pe_certify_quarterly_op:=pd else
if s = 'hrs_pickup_samp_op' then _Variables.p_hrs_pickup_samp_op:=pd else
if s = 'hrs_pr_op' then _Variables.p_hrs_pr_op:=pd else
if s = 'hrs_prior_notif_op' then _Variables.p_hrs_prior_notif_op:=pd else
if s = 'hrs_renew_nine_js' then _Variables.p_hrs_renew_nine_js:=pd else
if s = 'hrs_renew_nine_op' then _Variables.p_hrs_renew_nine_op:=pd else
if s = 'hrs_replaced_lsl_contact_op' then
_Variables.p_hrs_replaced_lsl_contact_op:=pd else
if s = 'hrs_report_lcr_js' then _Variables.p_hrs_report_lcr_js:=pd else
if s = 'hrs_report_lcr_op' then _Variables.p_hrs_report_lcr_op:=pd else
if s = 'hrs_report_plslr_js' then _Variables.p_hrs_report_plslr_js:=pd else
if s = 'hrs_report_plslr_op' then _Variables.p_hrs_report_plslr_op:=pd else
if s = 'hrs_report_source_op' then _Variables.p_hrs_report_source_op:=pd else
if s = 'hrs_report_wqp_op' then _Variables.p_hrs_report_wqp_op:=pd else
if s = 'hrs_reset_owqp_js' then _Variables.p_hrs_reset_owqp_js:=pd else
if s = 'hrs_review_cct_lead_js' then _Variables.p_hrs_review_cct_lead_js:=pd else
if s = 'hrs_samp_invalid_js' then _Variables.p_hrs_samp_invalid_js:=pd else
if s = 'hrs_samp_invalid_op' then _Variables.p_hrs_samp_invalid_op:=pd else
if s = 'hrs_samp_reject_op' then _Variables.p_hrs_samp_reject_op:=pd else
if s = 'hrs_samp_volunt_op' then _Variables.p_hrs_samp_volunt_op:=pd else
if s = 'hrs_sdwis_js' then _Variables.p_hrs_sdwis_js:=pd else
if s = 'hrs_set_owqp_js' then _Variables.p_hrs_set_owqp_js:=pd else
if s = 'hrs_source_js' then _Variables.p_hrs_source_js:=pd else
if s = 'hrs_source_op' then _Variables.p_hrs_source_op:=pd else
if s = 'hrs_submit_wq_data_op' then _Variables.p_hrs_submit_wq_data_op:=pd else
if s = 'hrs_ta_js' then _Variables.p_hrs_ta_js:=pd else
if s = 'hrs_train_ann_js' then _Variables.p_hrs_train_ann_js:=pd else
if s = 'hrs_web_op' then _Variables.p_hrs_web_op:=pd else

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if s = 'hrs_wqp_analyze_dist_op' then _Variables.p_hrs_wqp_analyze_dist_op:=pd
else
if s = 'hrs_wqp_analyze_ep_op' then _Variables.p_hrs_wqp_analyze_ep_op:=pd else
if s = 'hrs_wqp_analyze_ortho_ep_op' then
_VVariables.p_hrs_wqp_analyze_ortho_ep_op:=pd else
if s = 'hrs_wqp_analyze_ortho_op' then _Variables.p_hrs_wqp_analyze_ortho_op:=pd
else
if s = 'hrs_wqp_analyze_ph_ep_op' then _Variables.p_hrs_wqp_analyze_ph_ep_op:=pd
else
if s = 'hrs_wqp_analyze_ph_op' then _Variables.p_hrs_wqp_analyze_ph_op:=pd else
if s = 'hrs_wqp_js' then _Variables.p_hrs_wqp_js:=pd else
if s = 'hrs_wqp_op' then _Variables.p_hrs_wqp_op:=pd else
if s = 'num_lsl_testout' then _Variables.p_num_lsl_testout:=pd else
if s = 'num_lslr_lsl_replace' then _Variables.p_num_lslr_lsl_replace:=pd else
if s = 'num_lslr_partial_replace' then _Variables.p_num_lslr_partial_replace:=pd
else
if s = 'numb_enhance_wqp' then _Variables.p_numb_enhance_wqp:=pd else
if s = 'numb_ep' then _Variables.p_numb_ep:=pd else
if s = 'numb_ep_wqp' then _Variables.p_numb_ep_wqp:=pd else
if s = 'numb_ha' then _Variables.p_numb_ha:=pd else
if s = 'numb_hh' then _Variables.p_numb_hh:=pd else
if s = 'numb_lcr_other_org' then _Variables.p_numb_lcr_other_org:=pd else
if s = 'numb_reduced_tap' then _Variables.p_numb_reduced_tap:=pd else
if s = 'numb_reduced_wqp' then _Variables.p_numb_reduced_wqp:=pd else
if s = 'numb_samp_customer' then _Variables.p_numb_samp_customer:=pd else
if s = 'numb_samp_plslr' then _Variables.p_numb_samp_plslr:=pd else
if s = 'numb_samp_test' then _Variables.p_numb_samp_test:=pd else
if s = 'numb_st_sample' then _Variables.p_numb_st_sample:=pd else
if s = 'p_copper_ale' then _Variables.p_p_copper_ale:=pd else
if s = 'p_demo_study' then _Variables.p_p_demo_study:=pd else
if s = 'p_incentive' then _Variables.p_p_incentive:=pd else
if s = 'p_source_chng' then _Variables.p_p_source_chng:=pd else
if s = 'p_tap_annual' then _Variables.p_p_tap_annual:=pd else
if s = 'p_tap_nine' then _Variables.p_p_tap_nine:=pd else
if s = 'p_tap_triennial' then _Variables.p_p_tap_triennial:=pd else
if s = 'p_treat_change' then _Variables.p_p_treat_change:=pd else
if s = 'p_wqp_all' then _Variables.p_p_wqp_all:=pd else
if s = 'p_wqp_annual' then _Variables.p_p_wqp_annual:=pd else
if s = 'p_wqp_cond' then _Variables.p_p_wqp_cond:=pd else
if s = 'p_wqp_six_red' then _Variables.p_p_wqp_six_red:=pd else
if s = 'p_wqp_triennial' then _Variables.p_p_wqp_triennial:=pd else
if s = 'pbaseph' then _Variables.p_pbaseph:=pd else
if s = 'pbasephpo4' then _Variables.p_pbasephpo4:=pd else
if s = 'pbasepo4' then _Variables.p_pbasepo4:=pd else
if s = 'pp_commercial_samp' then _Variables.p_pp_commercial_samp:=pd else
if s = 'pp_hh_return_samp' then _Variables.p_pp_hh_return_samp:=pd else
if s = 'pp_lab_samp' then _Variables.p_pp_lab_samp:=pd else
if s = 'pp_lslr_cap_emerg' then _Variables.p_pp_lslr_cap_emerg:=pd else
if s = 'pp_samp_invalid' then _Variables.p_pp_samp_invalid:=pd else
if s = 'pp_samp_reject' then _Variables.p_pp_samp_reject:=pd else

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if s = 'pws_cct' then _Variables.p_pws_cct:=pd else
if s = 'pws_first_ale' then _Variables.p_pws_first_ale:=pd else
if s = 'pws_gw' then _Variables.p_pws_gw:=pd else
if s = 'pws_pop' then _Variables.p_pws_pop:=pd else
if s = 'pws_sw' then _Variables.p_pws_sw:=pd else
if s = 'rate_js' then _Variables.p_rate_js:=pd else
if s = 'rate_op' then _Variables.p_rate_op:=pd ;

end;

function TLSRCompiledCostBaselineLCR._DumpVars: string;
var s : string;
begin
  s:='';
  s := s + 'b_cct_study_install: ' + _Variables.b_cct_study_install.ToString +
#13#10;
  s := s + 'b_cct_study_mod: ' + _Variables.b_cct_study_mod.ToString + #13#10;
  s := s + 'b_cct_study_rec_install: ' + _Variables.b_cct_study_rec_install.ToString
+ #13#10;
  s := s + 'b_cct_study_rec_mod: ' + _Variables.b_cct_study_rec_mod.ToString +
#13#10;
  s := s + 'b_findfix: ' + _Variables.b_findfix.ToString + #13#10;
  s := s + 'b_install_cct: ' + _Variables.b_install_cct.ToString + #13#10;
  s := s + 'b_lslr_mand: ' + _Variables.b_lslr_mand.ToString + #13#10;
  s := s + 'b_modify_cct: ' + _Variables.b_modify_cct.ToString + #13#10;
  s := s + 'b_state_cct_treatment_install: ' +
_Variables.b_state_cct_treatment_install.ToString + #13#10;
  s := s + 'b_state_cct_treatment_mod: ' +
_Variables.b_state_cct_treatment_mod.ToString + #13#10;
  s := s + 'b_state_two: ' + _Variables.b_state_two.ToString + #13#10;
  s := s + 'cct_dssa_cost_p: ' + _Variables.cct_dssa_cost_p.ToString + #13#10;
  s := s + 'cct_dssa_cost_umra: ' + _Variables.cct_dssa_cost_umra.ToString + #13#10;
  s := s + 'cct_dssa_cost_umra_om: ' + _Variables.cct_dssa_cost_umra_om.ToString +
#13#10;
  s := s + 'cct_existing_cost: ' + _Variables.cct_existing_cost.ToString + #13#10;
  s := s + 'cct_install_cost: ' + _Variables.cct_install_cost.ToString + #13#10;
  s := s + 'cct_install_cost_p: ' + _Variables.cct_install_cost_p.ToString + #13#10;
  s := s + 'cct_install_cost_umra: ' + _Variables.cct_install_cost_umra.ToString +
#13#10;
  s := s + 'cct_install_cost_umra_om: ' +
_Variables.cct_install_cost_umra_om.ToString + #13#10;
  s := s + 'cct_modify_cost: ' + _Variables.cct_modify_cost.ToString + #13#10;
  s := s + 'cct_modify_cost_p: ' + _Variables.cct_modify_cost_p.ToString + #13#10;
  s := s + 'cct_modify_cost_umra: ' + _Variables.cct_modify_cost_umra.ToString +
#13#10;
  s := s + 'cct_modify_cost_umra_om: ' + _Variables.cct_modify_cost_umra_om.ToString
+ #13#10;
  s := s + 'cost_ale_other: ' + _Variables.cost_ale_other.ToString + #13#10;
  s := s + 'cost_cct_study_dem: ' + _Variables.cost_cct_study_dem.ToString + #13#10;
  s := s + 'cost_cct_study_desk: ' + _Variables.cost_cct_study_desk.ToString +

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#13#10;
    s := s + 'cost_commercial_lab: ' + _Variables.cost_commercial_lab.ToString +
#13#10;
    s := s + 'cost_commercial_lsl_plslr: ' +
_Variables.cost_commercial_lsl_plslr.ToString + #13#10;
    s := s + 'cost_cust_lt: ' + _Variables.cost_cust_lt.ToString + #13#10;
    s := s + 'cost_cust_plslr: ' + _Variables.cost_cust_plslr.ToString + #13#10;
    s := s + 'cost_ep_wqp_material: ' + _Variables.cost_ep_wqp_material.ToString +
#13#10;
    s := s + 'cost_ep_wqp_ortho_material: ' +
_Variables.cost_ep_wqp_ortho_material.ToString + #13#10;
    s := s + 'cost_ep_wqp_ph_material: ' + _Variables.cost_ep_wqp_ph_material.ToString
+ #13#10;
    s := s + 'cost_incentive: ' + _Variables.cost_incentive.ToString + #13#10;
    s := s + 'cost_lab_lsl_plslr: ' + _Variables.cost_lab_lsl_plslr.ToString + #13#10;
    s := s + 'cost_lab_lt_samp: ' + _Variables.cost_lab_lt_samp.ToString + #13#10;
    s := s + 'cost_lab_ortho_wqp: ' + _Variables.cost_lab_ortho_wqp.ToString + #13#10;
    s := s + 'cost_lab_ph_wqp: ' + _Variables.cost_lab_ph_wqp.ToString + #13#10;
    s := s + 'cost_lab_wqp: ' + _Variables.cost_lab_wqp.ToString + #13#10;
    s := s + 'cost_lab_wqp_ep: ' + _Variables.cost_lab_wqp_ep.ToString + #13#10;
    s := s + 'cost_lab_wqp_ortho_ep: ' + _Variables.cost_lab_wqp_ortho_ep.ToString +
#13#10;
    s := s + 'cost_lab_wqp_ph_ep: ' + _Variables.cost_lab_wqp_ph_ep.ToString + #13#10;
    s := s + 'cost_lcr_lslr_out: ' + _Variables.cost_lcr_lslr_out.ToString + #13#10;
    s := s + 'cost_lsl_samp: ' + _Variables.cost_lsl_samp.ToString + #13#10;
    s := s + 'cost_lslr_lsl_ccemg_vol_hh: ' +
_Variables.cost_lslr_lsl_ccemg_vol_hh.ToString + #13#10;
    s := s + 'cost_lslr_lsl_ccemg_vol_pws: ' +
_Variables.cost_lslr_lsl_ccemg_vol_pws.ToString + #13#10;
    s := s + 'cost_lslr_lsl_reg_vol_hh: ' +
_Variables.cost_lslr_lsl_reg_vol_hh.ToString + #13#10;
    s := s + 'cost_lslr_lsl_reg_vol_pws: ' +
_Variables.cost_lslr_lsl_reg_vol_pws.ToString + #13#10;
    s := s + 'cost_lt_samp: ' + _Variables.cost_lt_samp.ToString + #13#10;
    s := s + 'cost_ntncws_cust_lt: ' + _Variables.cost_ntncws_cust_lt.ToString +
#13#10;
    s := s + 'cost_ntncws_pe_lcr_delivery: ' +
_Variables.cost_ntncws_pe_lcr_delivery.ToString + #13#10;
    s := s + 'cost_pe_lcr_delivery: ' + _Variables.cost_pe_lcr_delivery.ToString +
#13#10;
    s := s + 'cost_pe_lead_ale: ' + _Variables.cost_pe_lead_ale.ToString + #13#10;
    s := s + 'cost_pickup_samp: ' + _Variables.cost_pickup_samp.ToString + #13#10;
    s := s + 'cost_pr: ' + _Variables.cost_pr.ToString + #13#10;
    s := s + 'cost_prior_notif: ' + _Variables.cost_prior_notif.ToString + #13#10;
    s := s + 'cost_replaced_lsl_contact: ' +
_Variables.cost_replaced_lsl_contact.ToString + #13#10;
    s := s + 'cost_revise_cct: ' + _Variables.cost_revise_cct.ToString + #13#10;
    s := s + 'cost_source: ' + _Variables.cost_source.ToString + #13#10;
    s := s + 'cost_source_analyze: ' + _Variables.cost_source_analyze.ToString +
#13#10;

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s := s + 'cost_source_material: ' + _Variables.cost_source_material.ToString +
#13#10;
s := s + 'cost_wqp_analyze: ' + _Variables.cost_wqp_analyze.ToString + #13#10;
s := s + 'cost_wqp_analyze_ep: ' + _Variables.cost_wqp_analyze_ep.ToString +
#13#10;
s := s + 'cost_wqp_analyze_ortho_ep: ' +
_Variables.cost_wqp_analyze_ortho_ep.ToString + #13#10;
s := s + 'cost_wqp_analyze_ph_ep: ' + _Variables.cost_wqp_analyze_ph_ep.ToString +
#13#10;
s := s + 'cost_wqp_material: ' + _Variables.cost_wqp_material.ToString + #13#10;
s := s + 'cost_wqp_material_ortho: ' + _Variables.cost_wqp_material_ortho.ToString
+ #13#10;
s := s + 'cost_wqp_material_ph: ' + _Variables.cost_wqp_material_ph.ToString +
#13#10;
s := s + 'cost_wqp_ortho_analyze: ' + _Variables.cost_wqp_ortho_analyze.ToString +
#13#10;
s := s + 'cost_wqp_ph_analyze: ' + _Variables.cost_wqp_ph_analyze.ToString +
#13#10;
s := s + 'hh_remain_lsl: ' + _Variables.hh_remain_lsl.ToString + #13#10;
s := s + 'hrs_ale_consult_js: ' + _Variables.hrs_ale_consult_js.ToString + #13#10;
s := s + 'hrs_ale_consult_op: ' + _Variables.hrs_ale_consult_op.ToString + #13#10;
s := s + 'hrs_ale_lang_js: ' + _Variables.hrs_ale_lang_js.ToString + #13#10;
s := s + 'hrs_ale_other_op: ' + _Variables.hrs_ale_other_op.ToString + #13#10;
s := s + 'hrs_analyze_lsl_plslr_op: ' +
_Variables.hrs_analyze_lsl_plslr_op.ToString + #13#10;
s := s + 'hrs_analyze_samp_op: ' + _Variables.hrs_analyze_samp_op.ToString +
#13#10;
s := s + 'hrs_annual_lt_js: ' + _Variables.hrs_annual_lt_js.ToString + #13#10;
s := s + 'hrs_annual_lt_op: ' + _Variables.hrs_annual_lt_op.ToString + #13#10;
s := s + 'hrs_cert_cust_lt_js: ' + _Variables.hrs_cert_cust_lt_js.ToString +
#13#10;
s := s + 'hrs_cert_cust_lt_op: ' + _Variables.hrs_cert_cust_lt_op.ToString +
#13#10;
s := s + 'hrs_cert_outreach_annual_js: ' +
_Variables.hrs_cert_outreach_annual_js.ToString + #13#10;
s := s + 'hrs_cert_outreach_annual_op: ' +
_Variables.hrs_cert_outreach_annual_op.ToString + #13#10;
s := s + 'hrs_chng_tap_js: ' + _Variables.hrs_chng_tap_js.ToString + #13#10;
s := s + 'hrs_chng_tap_op: ' + _Variables.hrs_chng_tap_op.ToString + #13#10;
s := s + 'hrs_collect_lsl_plslr_op: ' +
_Variables.hrs_collect_lsl_plslr_op.ToString + #13#10;
s := s + 'hrs_coop_source_chng_red_js: ' +
_Variables.hrs_coop_source_chng_red_js.ToString + #13#10;
s := s + 'hrs_coop_source_chng_red_op: ' +
_Variables.hrs_coop_source_chng_red_op.ToString + #13#10;
s := s + 'hrs_coop_treat_chng_red_js: ' +
_Variables.hrs_coop_treat_chng_red_js.ToString + #13#10;
s := s + 'hrs_coop_treat_chng_red_op: ' +
_Variables.hrs_coop_treat_chng_red_op.ToString + #13#10;
s := s + 'hrs_coord_epa_js: ' + _Variables.hrs_coord_epa_js.ToString + #13#10;

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s := s + 'hrs_discuss_samp_op: ' + _Variables.hrs_discuss_samp_op.ToString +
#13#10;
s := s + 'hrs_distr_agencies_pe_op: ' +
_Variables.hrs_distr_agencies_pe_op.ToString + #13#10;
s := s + 'hrs_distr_edu_op: ' + _Variables.hrs_distr_edu_op.ToString + #13#10;
s := s + 'hrs_ep_wqp_op: ' + _Variables.hrs_ep_wqp_op.ToString + #13#10;
s := s + 'hrs_ha_op: ' + _Variables.hrs_ha_op.ToString + #13#10;
s := s + 'hrs_inform_samp_op: ' + _Variables.hrs_inform_samp_op.ToString + #13#10;
s := s + 'hrs_lcr_cct_js: ' + _Variables.hrs_lcr_cct_js.ToString + #13#10;
s := s + 'hrs_lcr_lslr_out_deliv_op: ' +
_Variables.hrs_lcr_lslr_out_deliv_op.ToString + #13#10;
s := s + 'hrs_lcr_lslr_out_op: ' + _Variables.hrs_lcr_lslr_out_op.ToString +
#13#10;
s := s + 'hrs_lcr_lslr_prior_op: ' + _Variables.hrs_lcr_lslr_prior_op.ToString +
#13#10;
s := s + 'hrs_lcr_study_js: ' + _Variables.hrs_lcr_study_js.ToString + #13#10;
s := s + 'hrs_ntncws_distr_edu_op: ' + _Variables.hrs_ntncws_distr_edu_op.ToString
+ #13#10;
s := s + 'hrs_ntncws_inform_samp_op: ' +
_Variables.hrs_ntncws_inform_samp_op.ToString + #13#10;
s := s + 'hrs_pe_al_devel_op: ' + _Variables.hrs_pe_al_devel_op.ToString + #13#10;
s := s + 'hrs_pe_certify_quarterly_js: ' +
_Variables.hrs_pe_certify_quarterly_js.ToString + #13#10;
s := s + 'hrs_pe_certify_quarterly_op: ' +
_Variables.hrs_pe_certify_quarterly_op.ToString + #13#10;
s := s + 'hrs_pickup_samp_op: ' + _Variables.hrs_pickup_samp_op.ToString + #13#10;
s := s + 'hrs_pr_op: ' + _Variables.hrs_pr_op.ToString + #13#10;
s := s + 'hrs_prior_notif_op: ' + _Variables.hrs_prior_notif_op.ToString + #13#10;
s := s + 'hrs_renew_nine_js: ' + _Variables.hrs_renew_nine_js.ToString + #13#10;
s := s + 'hrs_renew_nine_op: ' + _Variables.hrs_renew_nine_op.ToString + #13#10;
s := s + 'hrs_replaced_lsl_contact_op: ' +
_Variables.hrs_replaced_lsl_contact_op.ToString + #13#10;
s := s + 'hrs_report_lcr_js: ' + _Variables.hrs_report_lcr_js.ToString + #13#10;
s := s + 'hrs_report_lcr_op: ' + _Variables.hrs_report_lcr_op.ToString + #13#10;
s := s + 'hrs_report_plslr_js: ' + _Variables.hrs_report_plslr_js.ToString +
#13#10;
s := s + 'hrs_report_plslr_op: ' + _Variables.hrs_report_plslr_op.ToString +
#13#10;
s := s + 'hrs_report_source_op: ' + _Variables.hrs_report_source_op.ToString +
#13#10;
s := s + 'hrs_report_wqp_op: ' + _Variables.hrs_report_wqp_op.ToString + #13#10;
s := s + 'hrs_reset_owqp_js: ' + _Variables.hrs_reset_owqp_js.ToString + #13#10;
s := s + 'hrs_review_cct_lead_js: ' + _Variables.hrs_review_cct_lead_js.ToString +
#13#10;
s := s + 'hrs_samp_invalid_js: ' + _Variables.hrs_samp_invalid_js.ToString +
#13#10;
s := s + 'hrs_samp_invalid_op: ' + _Variables.hrs_samp_invalid_op.ToString +
#13#10;
s := s + 'hrs_samp_reject_op: ' + _Variables.hrs_samp_reject_op.ToString + #13#10;
s := s + 'hrs_samp_volunt_op: ' + _Variables.hrs_samp_volunt_op.ToString + #13#10;

```



```

s := s + 'hrs_sdwis_js: ' + _Variables.hrs_sdwis_js.ToString + #13#10;
s := s + 'hrs_set_owqp_js: ' + _Variables.hrs_set_owqp_js.ToString + #13#10;
s := s + 'hrs_source_js: ' + _Variables.hrs_source_js.ToString + #13#10;
s := s + 'hrs_source_op: ' + _Variables.hrs_source_op.ToString + #13#10;
s := s + 'hrs_submit_wq_data_op: ' + _Variables.hrs_submit_wq_data_op.ToString +
#13#10;
s := s + 'hrs_ta_js: ' + _Variables.hrs_ta_js.ToString + #13#10;
s := s + 'hrs_train_ann_js: ' + _Variables.hrs_train_ann_js.ToString + #13#10;
s := s + 'hrs_web_op: ' + _Variables.hrs_web_op.ToString + #13#10;
s := s + 'hrs_wqp_analyze_dist_op: ' + _Variables.hrs_wqp_analyze_dist_op.ToString
+ #13#10;
s := s + 'hrs_wqp_analyze_ep_op: ' + _Variables.hrs_wqp_analyze_ep_op.ToString +
#13#10;
s := s + 'hrs_wqp_analyze_ortho_ep_op: ' +
_Variables.hrs_wqp_analyze_ortho_ep_op.ToString + #13#10;
s := s + 'hrs_wqp_analyze_ortho_op: ' +
_Variables.hrs_wqp_analyze_ortho_op.ToString + #13#10;
s := s + 'hrs_wqp_analyze_ph_ep_op: ' +
_Variables.hrs_wqp_analyze_ph_ep_op.ToString + #13#10;
s := s + 'hrs_wqp_analyze_ph_op: ' + _Variables.hrs_wqp_analyze_ph_op.ToString +
#13#10;
s := s + 'hrs_wqp_js: ' + _Variables.hrs_wqp_js.ToString + #13#10;
s := s + 'hrs_wqp_op: ' + _Variables.hrs_wqp_op.ToString + #13#10;
s := s + 'num_lsl_testout: ' + _Variables.num_lsl_testout.ToString + #13#10;
s := s + 'num_lslr_lsl_replace: ' + _Variables.num_lslr_lsl_replace.ToString +
#13#10;
s := s + 'num_lslr_partial_replace: ' +
_Variables.num_lslr_partial_replace.ToString + #13#10;
s := s + 'numb_enhance_wqp: ' + _Variables.numb_enhance_wqp.ToString + #13#10;
s := s + 'numb_ep: ' + _Variables.numb_ep.ToString + #13#10;
s := s + 'numb_ep_wqp: ' + _Variables.numb_ep_wqp.ToString + #13#10;
s := s + 'numb_ha: ' + _Variables.numb_ha.ToString + #13#10;
s := s + 'numb_hh: ' + _Variables.numb_hh.ToString + #13#10;
s := s + 'numb_lcr_other_org: ' + _Variables.numb_lcr_other_org.ToString + #13#10;
s := s + 'numb_reduced_tap: ' + _Variables.numb_reduced_tap.ToString + #13#10;
s := s + 'numb_reduced_wqp: ' + _Variables.numb_reduced_wqp.ToString + #13#10;
s := s + 'numb_samp_customer: ' + _Variables.numb_samp_customer.ToString + #13#10;
s := s + 'numb_samp_plslr: ' + _Variables.numb_samp_plslr.ToString + #13#10;
s := s + 'numb_samp_test: ' + _Variables.numb_samp_test.ToString + #13#10;
s := s + 'numb_st_sample: ' + _Variables.numb_st_sample.ToString + #13#10;
s := s + 'p_copper_ale: ' + _Variables.p_copper_ale.ToString + #13#10;
s := s + 'p_demo_study: ' + _Variables.p_demo_study.ToString + #13#10;
s := s + 'p_incentive: ' + _Variables.p_incentive.ToString + #13#10;
s := s + 'p_source_chng: ' + _Variables.p_source_chng.ToString + #13#10;
s := s + 'p_tap_annual: ' + _Variables.p_tap_annual.ToString + #13#10;
s := s + 'p_tap_nine: ' + _Variables.p_tap_nine.ToString + #13#10;
s := s + 'p_tap_triennial: ' + _Variables.p_tap_triennial.ToString + #13#10;
s := s + 'p_treat_change: ' + _Variables.p_treat_change.ToString + #13#10;
s := s + 'p_wqp_all: ' + _Variables.p_wqp_all.ToString + #13#10;
s := s + 'p_wqp_annual: ' + _Variables.p_wqp_annual.ToString + #13#10;

```

```

s := s + 'p_wqp_cond: ' + _Variables.p_wqp_cond.ToString + #13#10;
s := s + 'p_wqp_six_red: ' + _Variables.p_wqp_six_red.ToString + #13#10;
s := s + 'p_wqp_triennial: ' + _Variables.p_wqp_triennial.ToString + #13#10;
s := s + 'pbaseph: ' + _Variables.pbaseph.ToString + #13#10;
s := s + 'pbasephpo4: ' + _Variables.pbasephpo4.ToString + #13#10;
s := s + 'pbasepo4: ' + _Variables.pbasepo4.ToString + #13#10;
s := s + 'pp_commercial_samp: ' + _Variables.pp_commercial_samp.ToString + #13#10;
s := s + 'pp_hh_return_samp: ' + _Variables.pp_hh_return_samp.ToString + #13#10;
s := s + 'pp_lab_samp: ' + _Variables.pp_lab_samp.ToString + #13#10;
s := s + 'pp_lslr_cap_emerg: ' + _Variables.pp_lslr_cap_emerg.ToString + #13#10;
s := s + 'pp_samp_invalid: ' + _Variables.pp_samp_invalid.ToString + #13#10;
s := s + 'pp_samp_reject: ' + _Variables.pp_samp_reject.ToString + #13#10;
s := s + 'pws_cct: ' + _Variables.pws_cct.ToString + #13#10;
s := s + 'pws_first_ale: ' + _Variables.pws_first_ale.ToString + #13#10;
s := s + 'pws_gw: ' + _Variables.pws_gw.ToString + #13#10;
s := s + 'pws_pop: ' + _Variables.pws_pop.ToString + #13#10;
s := s + 'pws_sw: ' + _Variables.pws_sw.ToString + #13#10;
s := s + 'rate_js: ' + _Variables.rate_js.ToString + #13#10;
s := s + 'rate_op: ' + _Variables.rate_op.ToString + #13#10;

```

```

result:=s;

```

```

end;

```

```

constructor TLSRCompiledCostBaselineLCR.create;

```

```

begin

```

```

    inherited create;
    _ImAState[0] := true;
    _ImAState[1] := true;
    _ImAState[2] := true;
    _ImAState[3] := true;
    _ImAState[4] := false;
    _ImAState[5] := false;
    _ImAState[6] := false;
    _ImAState[7] := false;
    _ImAState[8] := false;
    _ImAState[9] := false;
    _ImAState[10] := false;
    _ImAState[11] := false;
    _ImAState[12] := false;
    _ImAState[13] := false;
    _ImAState[14] := false;
    _ImAState[15] := false;
    _ImAState[16] := false;
    _ImAState[17] := false;
    _ImAState[18] := false;
    _ImAState[19] := false;
    _ImAState[20] := false;
    _ImAState[21] := false;
    _ImAState[22] := false;
    _ImAState[23] := false;

```

```
_ImAState[24] := false;
_ImAState[25] := false;
_ImAState[26] := false;
_ImAState[27] := false;
_ImAState[28] := false;
_ImAState[29] := false;
_ImAState[30] := false;
_ImAState[31] := false;
_ImAState[32] := false;
_ImAState[33] := false;
_ImAState[34] := false;
_ImAState[35] := false;
_ImAState[36] := false;
_ImAState[37] := false;
_ImAState[38] := false;
_ImAState[39] := false;
_ImAState[40] := false;
_ImAState[41] := false;
_ImAState[42] := false;
_ImAState[43] := false;
_ImAState[44] := false;
_ImAState[45] := false;
_ImAState[46] := false;
_ImAState[47] := false;
_ImAState[48] := false;
_ImAState[49] := false;
_ImAState[50] := false;
_ImAState[51] := false;
_ImAState[52] := false;
_ImAState[53] := false;
_ImAState[54] := false;
_ImAState[55] := false;
_ImAState[56] := false;
_ImAState[57] := false;
_ImAState[58] := false;
_ImAState[59] := false;
_ImAState[60] := false;
_ImAState[61] := false;
_ImAState[62] := false;
_ImAState[63] := false;
_ImAState[64] := false;
_ImAState[65] := false;
_ImAState[66] := false;
_ImAState[67] := false;
_ImAState[68] := false;
_ImAState[69] := false;
_ImAState[70] := false;
_ImAState[71] := false;
_ImAState[72] := false;
_ImAState[73] := false;
```

```
_ImAState[74] := false;
_ImAState[75] := false;
_ImAState[76] := false;
_ImAState[77] := false;
_ImAState[78] := false;
_ImAState[79] := false;
_ImAState[80] := false;
_ImAState[81] := false;
_ImAState[82] := false;
_ImAState[83] := false;
_ImAState[84] := false;
_ImAState[85] := false;
_ImAState[86] := false;
_ImAState[87] := false;
_ImAState[88] := false;
_ImAState[89] := false;
_ImAState[90] := false;
_ImAState[91] := false;
_ImAState[92] := false;
_ImAState[93] := false;
_ImAState[94] := false;
_ImAState[95] := false;
_ImAState[96] := false;
_ImAState[97] := false;
_ImAState[98] := false;
_ImAState[99] := false;
_ImAState[100] := false;
_ImAState[101] := false;
_ImAState[102] := false;
_ImAState[103] := false;
_ImAState[104] := false;
_ImAState[105] := false;
_ImAState[106] := false;
_ImAState[107] := false;
_ImAState[108] := false;
_ImAState[109] := false;
_ImAState[110] := false;
_ImAState[111] := false;
_ImAState[112] := false;
_ImAState[113] := false;
_ImAState[114] := false;
_ImAState[115] := false;
_ImAState[116] := false;
_ImAState[117] := false;
_ImAState[118] := false;
_ImAState[119] := false;
_ImAState[120] := false;
_ImAState[121] := false;
_ImAState[122] := false;
_ImAState[123] := false;
```

```
_ImAState[124] := false;
_ImAState[125] := false;
_ImAState[126] := false;
_ImAState[127] := false;
_ImAState[128] := false;
_ImAState[129] := false;
_ImAState[130] := false;
_ImAState[131] := false;
_ImAState[132] := false;
_ImAState[133] := false;
_ImAState[134] := false;
_ImAState[135] := false;
_ImAState[136] := false;
_ImAState[137] := false;
_ImAState[138] := false;
_ImAState[139] := false;
_ImAState[140] := false;
_ImAState[141] := false;
_ImAState[142] := false;
_ImAState[143] := false;
_ImAState[144] := false;
_ImAState[145] := false;
_ImAState[146] := false;
_ImAState[147] := false;
_ImAState[148] := false;
_ImAState[149] := false;
_ImAState[150] := false;
_ImAState[151] := false;
_ImAState[152] := false;
_ImAState[153] := false;
_ImAState[154] := false;
_ImAState[155] := false;
_ImAState[156] := false;
_ImAState[157] := false;
_ImAState[158] := false;
_ImAState[159] := false;
_ImAState[160] := false;
_ImAState[161] := false;
_ImAState[162] := false;
_ImAState[163] := false;
_ImAState[164] := false;
_ImAState[165] := false;
_ImAState[166] := false;
_ImAState[167] := false;
_ImAState[168] := false;
_ImAState[169] := false;
_ImAState[170] := false;
_ImAState[171] := false;
_ImAState[172] := false;
_ImAState[173] := false;
```

```
_ImAState[174] := false;
_ImAState[175] := false;
_ImAState[176] := false;
_ImAState[177] := false;
_ImAState[178] := false;
_ImAState[179] := false;
_ImAState[180] := false;
_ImAState[181] := false;
_ImAState[182] := false;
_ImAState[183] := false;
_ImAState[184] := false;
_ImAState[185] := false;
_ImAState[186] := false;
_ImAState[187] := false;
_ImAState[188] := false;
_ImAState[189] := false;
_ImAState[190] := false;
_ImAState[191] := false;
_ImAState[192] := false;
_ImAState[193] := false;
_ImAState[194] := false;
_ImAState[195] := false;
_ImAState[196] := false;
_ImAState[197] := false;
_ImAState[198] := false;
_ImAState[199] := false;
_ImAState[200] := false;
_ImAState[201] := false;
_ImAState[202] := false;
_ImAState[203] := false;
_ImAState[204] := false;
_ImAState[205] := false;
_ImAState[206] := false;
_ImAState[207] := false;
_ImAState[208] := false;
_ImAState[209] := false;
_ImAState[210] := false;
_ImAState[211] := false;
_ImAState[212] := false;
_ImAState[213] := false;
_ImAState[214] := false;
_ImAState[215] := false;
_ImAState[216] := false;
_ImAState[217] := false;
_ImAState[218] := false;
_ImAState[219] := false;
_ImAState[220] := false;
_ImAState[221] := false;
_ImAState[222] := false;
_ImAState[223] := false;
```

```
_ImAState[224] := false;
_ImAState[225] := false;
_ImAState[226] := false;
_ImAState[227] := false;
_ImAState[228] := false;
_ImAState[229] := false;
_ImAState[230] := false;
_ImAState[231] := false;
_ImAState[232] := false;
_ImAState[233] := false;
_ImAState[234] := false;
_ImAState[235] := false;
_ImAState[236] := false;
_ImAState[237] := false;
_ImAState[238] := false;
_ImAState[239] := false;
_ImAState[240] := false;
_ImAState[241] := false;
_ImAState[242] := false;
_ImAState[243] := false;
_ImAState[244] := false;
_ImAState[245] := false;
_ImAState[246] := false;
_ImAState[247] := false;
_ImAState[248] := false;
_ImAState[249] := false;
_ImAState[250] := false;
_ImAState[251] := false;
_ImAState[252] := false;
_ImAState[253] := false;
_ImAState[254] := false;
_ImAState[255] := false;
_ImAState[256] := false;
_ImAState[257] := false;
_ImAState[258] := false;
_ImAState[259] := false;
_ImAState[260] := false;
_ImAState[261] := false;
_ImAState[262] := false;
_ImAState[263] := false;
_ImAState[264] := false;
_ImAState[265] := false;
_ImAState[266] := false;
_ImAState[267] := false;
_ImAState[268] := false;
_ImAState[269] := false;
_ImAState[270] := false;
_ImAState[271] := false;
_ImAState[272] := false;
_ImAState[273] := false;
```

```

_ImASState[274] := false;
_ImASState[275] := false;
_ImASState[276] := false;
_ImASState[277] := false;
_ImASState[278] := false;
_ImASState[279] := false;
_ImASState[280] := false;
_ImASState[281] := false;
_ImASState[282] := false;
_ImASState[283] := false;
_ImASState[284] := false;
_ImASState[285] := false;
_ImASState[286] := false;
_ImASState[287] := false;
_ImASState[288] := false;
_ImASState[289] := false;
_ImASState[290] := false;
_ImASState[291] := false;
_ImASState[292] := false;
_ImASState[293] := false;
_ImASState[294] := false;
_ImASState[295] := false;
_ImASState[296] := false;
_ImASState[297] := false;
_ImASState[298] := false;
_ImASState[299] := false;
_ImASState[300] := false;

```

end;

```
{ TLSRCompiledCostBaselineLCRR }
```

```
procedure TLSRCompiledCostBaselineLCRR._LoadVars;
```

```
begin
```

```

    if Assigned(_Variables.P_annual_pou_cost_hh) then _Variables.annual_pou_cost_hh:=
    _Variables.P_annual_pou_cost_hh^;
    if Assigned(_Variables.P_b_cct_study_install) then
    _Variables.b_cct_study_install:= _Variables.P_b_cct_study_install^;
    if Assigned(_Variables.P_b_cct_study_mod_al) then _Variables.b_cct_study_mod_al:=
    _Variables.P_b_cct_study_mod_al^;
    if Assigned(_Variables.P_b_cct_study_mod_tl) then _Variables.b_cct_study_mod_tl:=
    _Variables.P_b_cct_study_mod_tl^;
    if Assigned(_Variables.P_b_dssa) then _Variables.b_dssa:= _Variables.P_b_dssa^;
    if Assigned(_Variables.P_b_install_cct) then _Variables.b_install_cct:=
    _Variables.P_b_install_cct^;
    if Assigned(_Variables.P_b_install_pou) then _Variables.b_install_pou:=
    _Variables.P_b_install_pou^;
    if Assigned(_Variables.P_b_lslr_mand) then _Variables.b_lslr_mand:=
    _Variables.P_b_lslr_mand^;
    if Assigned(_Variables.P_b_lslr_requested) then _Variables.b_lslr_requested:=

```



```

_Variables.P_b_lslr_requested^;
  if Assigned(_Variables.P_b_lslr_study) then _Variables.b_lslr_study:=
_Variables.P_b_lslr_study^;
  if Assigned(_Variables.P_b_lslr_vol) then _Variables.b_lslr_vol:=
_Variables.P_b_lslr_vol^;
  if Assigned(_Variables.P_b_modify_cct) then _Variables.b_modify_cct:=
_Variables.P_b_modify_cct^;
  if Assigned(_Variables.P_b_modify_cct_al) then _Variables.b_modify_cct_al:=
_Variables.P_b_modify_cct_al^;
  if Assigned(_Variables.P_b_modify_cct_tl) then _Variables.b_modify_cct_tl:=
_Variables.P_b_modify_cct_tl^;
  if Assigned(_Variables.P_b_pou_study) then _Variables.b_pou_study:=
_Variables.P_b_pou_study^;
  if Assigned(_Variables.P_b_state_cct_treatment_mod_al) then
_Variables.b_state_cct_treatment_mod_al:=
_Variables.P_b_state_cct_treatment_mod_al^;
  if Assigned(_Variables.P_b_state_cct_treatment_mod_tl) then
_Variables.b_state_cct_treatment_mod_tl:=
_Variables.P_b_state_cct_treatment_mod_tl^;
  if Assigned(_Variables.P_b_state_one) then _Variables.b_state_one:=
_Variables.P_b_state_one^;
  if Assigned(_Variables.P_b_state_two) then _Variables.b_state_two:=
_Variables.P_b_state_two^;
  if Assigned(_Variables.P_cct_dssa_cost) then _Variables.cct_dssa_cost:=
_Variables.P_cct_dssa_cost^;
  if Assigned(_Variables.P_cct_dssa_cost_p) then _Variables.cct_dssa_cost_p:=
_Variables.P_cct_dssa_cost_p^;
  if Assigned(_Variables.P_cct_dssa_cost_umra) then _Variables.cct_dssa_cost_umra:=
_Variables.P_cct_dssa_cost_umra^;
  if Assigned(_Variables.P_cct_dssa_cost_umra_om) then
_Variables.cct_dssa_cost_umra_om:= _Variables.P_cct_dssa_cost_umra_om^;
  if Assigned(_Variables.P_cct_existing_cost) then _Variables.cct_existing_cost:=
_Variables.P_cct_existing_cost^;
  if Assigned(_Variables.P_cct_install_cost) then _Variables.cct_install_cost:=
_Variables.P_cct_install_cost^;
  if Assigned(_Variables.P_cct_install_cost_p) then _Variables.cct_install_cost_p:=
_Variables.P_cct_install_cost_p^;
  if Assigned(_Variables.P_cct_install_cost_umra) then
_Variables.cct_install_cost_umra:= _Variables.P_cct_install_cost_umra^;
  if Assigned(_Variables.P_cct_install_cost_umra_om) then
_Variables.cct_install_cost_umra_om:= _Variables.P_cct_install_cost_umra_om^;
  if Assigned(_Variables.P_cct_modify_cost) then _Variables.cct_modify_cost:=
_Variables.P_cct_modify_cost^;
  if Assigned(_Variables.P_cct_modify_cost_p) then _Variables.cct_modify_cost_p:=
_Variables.P_cct_modify_cost_p^;
  if Assigned(_Variables.P_cct_modify_cost_umra) then
_Variables.cct_modify_cost_umra:= _Variables.P_cct_modify_cost_umra^;
  if Assigned(_Variables.P_cct_modify_cost_umra_om) then
_Variables.cct_modify_cost_umra_om:= _Variables.P_cct_modify_cost_umra_om^;
  if Assigned(_Variables.P_cost_5_commercial_lab) then

```

```

_Variables.cost_5_commercial_lab:= _Variables.P_cost_5_commercial_lab^;
  if Assigned(_Variables.P_cost_5_lt_samp) then _Variables.cost_5_lt_samp:=
_Variables.P_cost_5_lt_samp^;
  if Assigned(_Variables.P_cost_ale_other) then _Variables.cost_ale_other:=
_Variables.P_cost_ale_other^;
  if Assigned(_Variables.P_cost_annual_report_school_dist) then
_Variables.cost_annual_report_school_dist:=
_Variables.P_cost_annual_report_school_dist^;
  if Assigned(_Variables.P_cost_cct_study_dem) then _Variables.cost_cct_study_dem:=
_Variables.P_cost_cct_study_dem^;
  if Assigned(_Variables.P_cost_collect_samp_school) then
_Variables.cost_collect_samp_school:= _Variables.P_cost_collect_samp_school^;
  if Assigned(_Variables.P_cost_commercial_lab) then
_Variables.cost_commercial_lab:= _Variables.P_cost_commercial_lab^;
  if Assigned(_Variables.P_cost_commercial_lsl_lslr) then
_Variables.cost_commercial_lsl_lslr:= _Variables.P_cost_commercial_lsl_lslr^;
  if Assigned(_Variables.P_cost_cust_lslr) then _Variables.cost_cust_lslr:=
_Variables.P_cost_cust_lslr^;
  if Assigned(_Variables.P_cost_cust_lt) then _Variables.cost_cust_lt:=
_Variables.P_cost_cust_lt^;
  if Assigned(_Variables.P_cost_ep_wqp_material) then
_Variables.cost_ep_wqp_material:= _Variables.P_cost_ep_wqp_material^;
  if Assigned(_Variables.P_cost_ep_wqp_ortho_material) then
_Variables.cost_ep_wqp_ortho_material:= _Variables.P_cost_ep_wqp_ortho_material^;
  if Assigned(_Variables.P_cost_ep_wqp_ph_material) then
_Variables.cost_ep_wqp_ph_material:= _Variables.P_cost_ep_wqp_ph_material^;
  if Assigned(_Variables.P_cost_fail_hh) then _Variables.cost_fail_hh:=
_Variables.P_cost_fail_hh^;
  if Assigned(_Variables.P_cost_fail_sys) then _Variables.cost_fail_sys:=
_Variables.P_cost_fail_sys^;
  if Assigned(_Variables.P_cost_filter_hh) then _Variables.cost_filter_hh:=
_Variables.P_cost_filter_hh^;
  if Assigned(_Variables.P_cost_hc) then _Variables.cost_hc:= _Variables.P_cost_hc^;
  if Assigned(_Variables.P_cost_hh_request) then _Variables.cost_hh_request:=
_Variables.P_cost_hh_request^;
  if Assigned(_Variables.P_cost_incentive) then _Variables.cost_incentive:=
_Variables.P_cost_incentive^;
  if Assigned(_Variables.P_cost_inform_samp_pe_school) then
_Variables.cost_inform_samp_pe_school:= _Variables.P_cost_inform_samp_pe_school^;
  if Assigned(_Variables.P_cost_lab_lsl_lslr) then _Variables.cost_lab_lsl_lslr:=
_Variables.P_cost_lab_lsl_lslr^;
  if Assigned(_Variables.P_cost_lab_lt_samp) then _Variables.cost_lab_lt_samp:=
_Variables.P_cost_lab_lt_samp^;
  if Assigned(_Variables.P_cost_lab_ortho_wqp) then _Variables.cost_lab_ortho_wqp:=
_Variables.P_cost_lab_ortho_wqp^;
  if Assigned(_Variables.P_cost_lab_ph_wqp) then _Variables.cost_lab_ph_wqp:=
_Variables.P_cost_lab_ph_wqp^;
  if Assigned(_Variables.P_cost_lab_wqp) then _Variables.cost_lab_wqp:=
_Variables.P_cost_lab_wqp^;
  if Assigned(_Variables.P_cost_lab_wqp_ep) then _Variables.cost_lab_wqp_ep:=

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_Variables.P_cost_lab_wqp_ep^;
  if Assigned(_Variables.P_cost_lab_wqp_ortho_ep) then
_Variables.cost_lab_wqp_ortho_ep:= _Variables.P_cost_lab_wqp_ortho_ep^;
  if Assigned(_Variables.P_cost_lab_wqp_ph_ep) then _Variables.cost_lab_wqp_ph_ep:=
_Variables.P_cost_lab_wqp_ph_ep^;
  if Assigned(_Variables.P_cost_lslr_gal_prev_lsl_ccemg_pws) then
_Variables.cost_lslr_gal_prev_lsl_ccemg_pws:=
_Variables.P_cost_lslr_gal_prev_lsl_ccemg_pws^;
  if Assigned(_Variables.P_cost_lslr_gal_prev_lsl_reg_pws) then
_Variables.cost_lslr_gal_prev_lsl_reg_pws:=
_Variables.P_cost_lslr_gal_prev_lsl_reg_pws^;
  if Assigned(_Variables.P_cost_lslr_lsl_ccemg_mand_pws) then
_Variables.cost_lslr_lsl_ccemg_mand_pws:=
_Variables.P_cost_lslr_lsl_ccemg_mand_pws^;
  if Assigned(_Variables.P_cost_lslr_lsl_ccemg_vol_hh) then
_Variables.cost_lslr_lsl_ccemg_vol_hh:= _Variables.P_cost_lslr_lsl_ccemg_vol_hh^;
  if Assigned(_Variables.P_cost_lslr_lsl_ccemg_vol_pws) then
_Variables.cost_lslr_lsl_ccemg_vol_pws:= _Variables.P_cost_lslr_lsl_ccemg_vol_pws^;
  if Assigned(_Variables.P_cost_lslr_lsl_reg_mand_pws) then
_Variables.cost_lslr_lsl_reg_mand_pws:= _Variables.P_cost_lslr_lsl_reg_mand_pws^;
  if Assigned(_Variables.P_cost_lslr_lsl_reg_vol_hh) then
_Variables.cost_lslr_lsl_reg_vol_hh:= _Variables.P_cost_lslr_lsl_reg_vol_hh^;
  if Assigned(_Variables.P_cost_lslr_lsl_reg_vol_pws) then
_Variables.cost_lslr_lsl_reg_vol_pws:= _Variables.P_cost_lslr_lsl_reg_vol_pws^;
  if Assigned(_Variables.P_cost_lslr_out) then _Variables.cost_lslr_out:=
_Variables.P_cost_lslr_out^;
  if Assigned(_Variables.P_cost_lslr_partial_reg_pws) then
_Variables.cost_lslr_partial_reg_pws:= _Variables.P_cost_lslr_partial_reg_pws^;
  if Assigned(_Variables.P_cost_ntncws_cust_lslr) then
_Variables.cost_ntncws_cust_lslr:= _Variables.P_cost_ntncws_cust_lslr^;
  if Assigned(_Variables.P_cost_ntncws_cust_lt) then
_Variables.cost_ntncws_cust_lt:= _Variables.P_cost_ntncws_cust_lt^;
  if Assigned(_Variables.P_cost_ntncws_distr_pe_pou) then
_Variables.cost_ntncws_distr_pe_pou:= _Variables.P_cost_ntncws_distr_pe_pou^;
  if Assigned(_Variables.P_cost_ntncws_pe_lcr_delivery) then
_Variables.cost_ntncws_pe_lcr_delivery:= _Variables.P_cost_ntncws_pe_lcr_delivery^;
  if Assigned(_Variables.P_cost_ntncws_pe_lsl_gen) then
_Variables.cost_ntncws_pe_lsl_gen:= _Variables.P_cost_ntncws_pe_lsl_gen^;
  if Assigned(_Variables.P_cost_other_lt_samp) then _Variables.cost_other_lt_samp:=
_Variables.P_cost_other_lt_samp^;
  if Assigned(_Variables.P_cost_other_request) then _Variables.cost_other_request:=
_Variables.P_cost_other_request^;
  if Assigned(_Variables.P_cost_pe_lcr_delivery) then
_Variables.cost_pe_lcr_delivery:= _Variables.P_cost_pe_lcr_delivery^;
  if Assigned(_Variables.P_cost_pe_lead_ale) then _Variables.cost_pe_lead_ale:=
_Variables.P_cost_pe_lead_ale^;
  if Assigned(_Variables.P_cost_pe_lsl_gen) then _Variables.cost_pe_lsl_gen:=
_Variables.P_cost_pe_lsl_gen^;
  if Assigned(_Variables.P_cost_pickup_samp) then _Variables.cost_pickup_samp:=
_Variables.P_cost_pickup_samp^;

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    if Assigned(_Variables.P_cost_pou_samp) then _Variables.cost_pou_samp:=
_Variables.P_cost_pou_samp^;
    if Assigned(_Variables.P_cost_pr) then _Variables.cost_pr:= _Variables.P_cost_pr^;
    if Assigned(_Variables.P_cost_print_pe_pou) then _Variables.cost_print_pe_pou:=
_Variables.P_cost_print_pe_pou^;
    if Assigned(_Variables.P_cost_pub_deliv_wtr_ed) then
_Variables.cost_pub_deliv_wtr_ed:= _Variables.P_cost_pub_deliv_wtr_ed^;
    if Assigned(_Variables.P_cost_replaced_lsl_contact) then
_Variables.cost_replaced_lsl_contact:= _Variables.P_cost_replaced_lsl_contact^;
    if Assigned(_Variables.P_cost_revise_cct) then _Variables.cost_revise_cct:=
_Variables.P_cost_revise_cct^;
    if Assigned(_Variables.P_cost_samp_above_al) then _Variables.cost_samp_above_al:=
_Variables.P_cost_samp_above_al^;
    if Assigned(_Variables.P_cost_school_annual_contact) then
_Variables.cost_school_annual_contact:= _Variables.P_cost_school_annual_contact^;
    if Assigned(_Variables.P_cost_school_letter) then _Variables.cost_school_letter:=
_Variables.P_cost_school_letter^;
    if Assigned(_Variables.P_cost_source) then _Variables.cost_source:=
_Variables.P_cost_source^;
    if Assigned(_Variables.P_cost_source_analyze) then
_Variables.cost_source_analyze:= _Variables.P_cost_source_analyze^;
    if Assigned(_Variables.P_cost_source_material) then
_Variables.cost_source_material:= _Variables.P_cost_source_material^;
    if Assigned(_Variables.P_cost_travel_samp_school) then
_Variables.cost_travel_samp_school:= _Variables.P_cost_travel_samp_school^;
    if Assigned(_Variables.P_cost_update) then _Variables.cost_update:=
_Variables.P_cost_update^;
    if Assigned(_Variables.P_cost_walkthrough_school) then
_Variables.cost_walkthrough_school:= _Variables.P_cost_walkthrough_school^;
    if Assigned(_Variables.P_cost_wqp_analyze) then _Variables.cost_wqp_analyze:=
_Variables.P_cost_wqp_analyze^;
    if Assigned(_Variables.P_cost_wqp_analyze_ep) then
_Variables.cost_wqp_analyze_ep:= _Variables.P_cost_wqp_analyze_ep^;
    if Assigned(_Variables.P_cost_wqp_analyze_ortho_ep) then
_Variables.cost_wqp_analyze_ortho_ep:= _Variables.P_cost_wqp_analyze_ortho_ep^;
    if Assigned(_Variables.P_cost_wqp_analyze_ph_ep) then
_Variables.cost_wqp_analyze_ph_ep:= _Variables.P_cost_wqp_analyze_ph_ep^;
    if Assigned(_Variables.P_cost_wqp_material) then _Variables.cost_wqp_material:=
_Variables.P_cost_wqp_material^;
    if Assigned(_Variables.P_cost_wqp_material_ortho) then
_Variables.cost_wqp_material_ortho:= _Variables.P_cost_wqp_material_ortho^;
    if Assigned(_Variables.P_cost_wqp_material_ph) then
_Variables.cost_wqp_material_ph:= _Variables.P_cost_wqp_material_ph^;
    if Assigned(_Variables.P_cost_wqp_ortho_analyze) then
_Variables.cost_wqp_ortho_analyze:= _Variables.P_cost_wqp_ortho_analyze^;
    if Assigned(_Variables.P_cost_wqp_ph_analyze) then
_Variables.cost_wqp_ph_analyze:= _Variables.P_cost_wqp_ph_analyze^;
    if Assigned(_Variables.P_fail_nm1) then _Variables.fail_nm1:=
_Variables.P_fail_nm1^;
    if Assigned(_Variables.P_fail_nm2) then _Variables.fail_nm2:=

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_Variables.P_fail_nm2^;
  if Assigned(_Variables.P_hh_remain_lsl) then _Variables.hh_remain_lsl:=
_Variables.P_hh_remain_lsl^;
  if Assigned(_Variables.P_hh_unknown_remain) then _Variables.hh_unknown_remain:=
_Variables.P_hh_unknown_remain^;
  if Assigned(_Variables.P_hrs_access_lsl_op) then _Variables.hrs_access_lsl_op:=
_Variables.P_hrs_access_lsl_op^;
  if Assigned(_Variables.P_hrs_add_lsl_samp_op) then
_Variables.hrs_add_lsl_samp_op:= _Variables.P_hrs_add_lsl_samp_op^;
  if Assigned(_Variables.P_hrs_adopt_rule_js) then _Variables.hrs_adopt_rule_js:=
_Variables.P_hrs_adopt_rule_js^;
  if Assigned(_Variables.P_hrs_ale_consult_js) then _Variables.hrs_ale_consult_js:=
_Variables.P_hrs_ale_consult_js^;
  if Assigned(_Variables.P_hrs_ale_consult_op) then _Variables.hrs_ale_consult_op:=
_Variables.P_hrs_ale_consult_op^;
  if Assigned(_Variables.P_hrs_ale_lang_js) then _Variables.hrs_ale_lang_js:=
_Variables.P_hrs_ale_lang_js^;
  if Assigned(_Variables.P_hrs_ale_other_op) then _Variables.hrs_ale_other_op:=
_Variables.P_hrs_ale_other_op^;
  if Assigned(_Variables.P_hrs_analyze_lsl_lslr_op) then
_Variables.hrs_analyze_lsl_lslr_op:= _Variables.P_hrs_analyze_lsl_lslr_op^;
  if Assigned(_Variables.P_hrs_analyze_samp_op) then
_Variables.hrs_analyze_samp_op:= _Variables.P_hrs_analyze_samp_op^;
  if Assigned(_Variables.P_hrs_annual_lt_js) then _Variables.hrs_annual_lt_js:=
_Variables.P_hrs_annual_lt_js^;
  if Assigned(_Variables.P_hrs_annual_lt_op) then _Variables.hrs_annual_lt_op:=
_Variables.P_hrs_annual_lt_op^;
  if Assigned(_Variables.P_hrs_annual_report_school_js) then
_Variables.hrs_annual_report_school_js:= _Variables.P_hrs_annual_report_school_js^;
  if Assigned(_Variables.P_hrs_annual_report_school_prepare_op) then
_Variables.hrs_annual_report_school_prepare_op:=
_Variables.P_hrs_annual_report_school_prepare_op^;
  if Assigned(_Variables.P_hrs_cct_review_js) then _Variables.hrs_cct_review_js:=
_Variables.P_hrs_cct_review_js^;
  if Assigned(_Variables.P_hrs_cert_cust_lt_js) then
_Variables.hrs_cert_cust_lt_js:= _Variables.P_hrs_cert_cust_lt_js^;
  if Assigned(_Variables.P_hrs_cert_cust_lt_op) then
_Variables.hrs_cert_cust_lt_op:= _Variables.P_hrs_cert_cust_lt_op^;
  if Assigned(_Variables.P_hrs_cert_outreach_annual_js) then
_Variables.hrs_cert_outreach_annual_js:= _Variables.P_hrs_cert_outreach_annual_js^;
  if Assigned(_Variables.P_hrs_cert_outreach_annual_op) then
_Variables.hrs_cert_outreach_annual_op:= _Variables.P_hrs_cert_outreach_annual_op^;
  if Assigned(_Variables.P_hrs_childcare_call_op) then
_Variables.hrs_childcare_call_op:= _Variables.P_hrs_childcare_call_op^;
  if Assigned(_Variables.P_hrs_chng_tap_js) then _Variables.hrs_chng_tap_js:=
_Variables.P_hrs_chng_tap_js^;
  if Assigned(_Variables.P_hrs_chng_tap_op) then _Variables.hrs_chng_tap_op:=
_Variables.P_hrs_chng_tap_op^;
  if Assigned(_Variables.P_hrs_collect_lsl_lslr_op) then
_Variables.hrs_collect_lsl_lslr_op:= _Variables.P_hrs_collect_lsl_lslr_op^;

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    if Assigned(_Variables.P_hrs_collect_samp_school_op) then
    _Variables.hrs_collect_samp_school_op:= _Variables.P_hrs_collect_samp_school_op^;
    if Assigned(_Variables.P_hrs_consult_dssa_js) then
    _Variables.hrs_consult_dssa_js:= _Variables.P_hrs_consult_dssa_js^;
    if Assigned(_Variables.P_hrs_consult_dssa_op) then
    _Variables.hrs_consult_dssa_op:= _Variables.P_hrs_consult_dssa_op^;
    if Assigned(_Variables.P_hrs_consult_fail_js) then
    _Variables.hrs_consult_fail_js:= _Variables.P_hrs_consult_fail_js^;
    if Assigned(_Variables.P_hrs_consult_fail_op) then
    _Variables.hrs_consult_fail_op:= _Variables.P_hrs_consult_fail_op^;
    if Assigned(_Variables.P_hrs_coop_source_chng_red_js) then
    _Variables.hrs_coop_source_chng_red_js:= _Variables.P_hrs_coop_source_chng_red_js^;
    if Assigned(_Variables.P_hrs_coop_source_chng_red_op) then
    _Variables.hrs_coop_source_chng_red_op:= _Variables.P_hrs_coop_source_chng_red_op^;
    if Assigned(_Variables.P_hrs_coop_source_chng_rout_js) then
    _Variables.hrs_coop_source_chng_rout_js:=
    _Variables.P_hrs_coop_source_chng_rout_js^;
    if Assigned(_Variables.P_hrs_coop_source_chng_rout_op) then
    _Variables.hrs_coop_source_chng_rout_op:=
    _Variables.P_hrs_coop_source_chng_rout_op^;
    if Assigned(_Variables.P_hrs_coop_treat_chng_red_js) then
    _Variables.hrs_coop_treat_chng_red_js:= _Variables.P_hrs_coop_treat_chng_red_js^;
    if Assigned(_Variables.P_hrs_coop_treat_chng_red_op) then
    _Variables.hrs_coop_treat_chng_red_op:= _Variables.P_hrs_coop_treat_chng_red_op^;
    if Assigned(_Variables.P_hrs_coop_treat_chng_rout_js) then
    _Variables.hrs_coop_treat_chng_rout_js:= _Variables.P_hrs_coop_treat_chng_rout_js^;
    if Assigned(_Variables.P_hrs_coop_treat_chng_rout_op) then
    _Variables.hrs_coop_treat_chng_rout_op:= _Variables.P_hrs_coop_treat_chng_rout_op^;
    if Assigned(_Variables.P_hrs_coord_epa_js) then _Variables.hrs_coord_epa_js:=
    _Variables.P_hrs_coord_epa_js^;
    if Assigned(_Variables.P_hrs_cust_plan_op) then _Variables.hrs_cust_plan_op:=
    _Variables.P_hrs_cust_plan_op^;
    if Assigned(_Variables.P_hrs_deter_dssa_op) then _Variables.hrs_deter_dssa_op:=
    _Variables.P_hrs_deter_dssa_op^;
    if Assigned(_Variables.P_hrs_devel_pe_school_op) then
    _Variables.hrs_devel_pe_school_op:= _Variables.P_hrs_devel_pe_school_op^;
    if Assigned(_Variables.P_hrs_devel_samp_op) then _Variables.hrs_devel_samp_op:=
    _Variables.P_hrs_devel_samp_op^;
    if Assigned(_Variables.P_hrs_discuss_samp_op) then
    _Variables.hrs_discuss_samp_op:= _Variables.P_hrs_discuss_samp_op^;
    if Assigned(_Variables.P_hrs_dist_lslr_out_op) then
    _Variables.hrs_dist_lslr_out_op:= _Variables.P_hrs_dist_lslr_out_op^;
    if Assigned(_Variables.P_hrs_distr_agencies_pe_op) then
    _Variables.hrs_distr_agencies_pe_op:= _Variables.P_hrs_distr_agencies_pe_op^;
    if Assigned(_Variables.P_hrs_distr_edu_op) then _Variables.hrs_distr_edu_op:=
    _Variables.P_hrs_distr_edu_op^;
    if Assigned(_Variables.P_hrs_ep_wqp_op) then _Variables.hrs_ep_wqp_op:=
    _Variables.P_hrs_ep_wqp_op^;
    if Assigned(_Variables.P_hrs_fail_hh_op) then _Variables.hrs_fail_hh_op:=
    _Variables.P_hrs_fail_hh_op^;

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    if Assigned(_Variables.P_hrs_fail_sys_op) then _Variables.hrs_fail_sys_op:=
_Variables.P_hrs_fail_sys_op^;
    if Assigned(_Variables.P_hrs_fin_op_op) then _Variables.hrs_fin_op_op:=
_Variables.P_hrs_fin_op_op^;
    if Assigned(_Variables.P_hrs_ha_op) then _Variables.hrs_ha_op:=
_Variables.P_hrs_ha_op^;
    if Assigned(_Variables.P_hrs_hc_js) then _Variables.hrs_hc_js:=
_Variables.P_hrs_hc_js^;
    if Assigned(_Variables.P_hrs_hc_list_op) then _Variables.hrs_hc_list_op:=
_Variables.P_hrs_hc_list_op^;
    if Assigned(_Variables.P_hrs_hc_op) then _Variables.hrs_hc_op:=
_Variables.P_hrs_hc_op^;
    if Assigned(_Variables.P_hrs_hh_request_op) then _Variables.hrs_hh_request_op:=
_Variables.P_hrs_hh_request_op^;
    if Assigned(_Variables.P_hrs_inform_samp_op) then _Variables.hrs_inform_samp_op:=
_Variables.P_hrs_inform_samp_op^;
    if Assigned(_Variables.P_hrs_inform_samp_pe_school_op) then
_Variables.hrs_inform_samp_pe_school_op:=
_Variables.P_hrs_inform_samp_pe_school_op^;
    if Assigned(_Variables.P_hrs_initial_ta_js) then _Variables.hrs_initial_ta_js:=
_Variables.P_hrs_initial_ta_js^;
    if Assigned(_Variables.P_hrs_initial_tap_confer_op) then
_Variables.hrs_initial_tap_confer_op:= _Variables.P_hrs_initial_tap_confer_op^;
    if Assigned(_Variables.P_hrs_initial_tap_rev_js) then
_Variables.hrs_initial_tap_rev_js:= _Variables.P_hrs_initial_tap_rev_js^;
    if Assigned(_Variables.P_hrs_inv_update_rev_js) then
_Variables.hrs_inv_update_rev_js:= _Variables.P_hrs_inv_update_rev_js^;
    if Assigned(_Variables.P_hrs_lslr_out_op) then _Variables.hrs_lslr_out_op:=
_Variables.P_hrs_lslr_out_op^;
    if Assigned(_Variables.P_hrs_lslr_plan_js) then _Variables.hrs_lslr_plan_js:=
_Variables.P_hrs_lslr_plan_js^;
    if Assigned(_Variables.P_hrs_lslr_plan_op) then _Variables.hrs_lslr_plan_op:=
_Variables.P_hrs_lslr_plan_op^;
    if Assigned(_Variables.P_hrs_maint_lsl_op) then _Variables.hrs_maint_lsl_op:=
_Variables.P_hrs_maint_lsl_op^;
    if Assigned(_Variables.P_hrs_modify_ds_js) then _Variables.hrs_modify_ds_js:=
_Variables.P_hrs_modify_ds_js^;
    if Assigned(_Variables.P_hrs_nolsl_op) then _Variables.hrs_nolsl_op:=
_Variables.P_hrs_nolsl_op^;
    if Assigned(_Variables.P_hrs_ntncws_cust_lslr_op) then
_Variables.hrs_ntncws_cust_lslr_op:= _Variables.P_hrs_ntncws_cust_lslr_op^;
    if Assigned(_Variables.P_hrs_ntncws_distr_edu_op) then
_Variables.hrs_ntncws_distr_edu_op:= _Variables.P_hrs_ntncws_distr_edu_op^;
    if Assigned(_Variables.P_hrs_ntncws_distr_pe_pou_op) then
_Variables.hrs_ntncws_distr_pe_pou_op:= _Variables.P_hrs_ntncws_distr_pe_pou_op^;
    if Assigned(_Variables.P_hrs_ntncws_inform_samp_op) then
_Variables.hrs_ntncws_inform_samp_op:= _Variables.P_hrs_ntncws_inform_samp_op^;
    if Assigned(_Variables.P_hrs_ntncws_pe_lsl_gen_dist_op) then
_Variables.hrs_ntncws_pe_lsl_gen_dist_op:=
_Variables.P_hrs_ntncws_pe_lsl_gen_dist_op^;

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    if Assigned(_Variables.P_hrs_other_request_op) then
    _Variables.hrs_other_request_op:= _Variables.P_hrs_other_request_op^;
    if Assigned(_Variables.P_hrs_pe_al_devel_op) then _Variables.hrs_pe_al_devel_op:=
    _Variables.P_hrs_pe_al_devel_op^;
    if Assigned(_Variables.P_hrs_pe_certify_quarterly_js) then
    _Variables.hrs_pe_certify_quarterly_js:= _Variables.P_hrs_pe_certify_quarterly_js^;
    if Assigned(_Variables.P_hrs_pe_certify_quarterly_op) then
    _Variables.hrs_pe_certify_quarterly_op:= _Variables.P_hrs_pe_certify_quarterly_op^;
    if Assigned(_Variables.P_hrs_pe_lsl_gen_develop_op) then
    _Variables.hrs_pe_lsl_gen_develop_op:= _Variables.P_hrs_pe_lsl_gen_develop_op^;
    if Assigned(_Variables.P_hrs_pe_lsl_gen_dist_op) then
    _Variables.hrs_pe_lsl_gen_dist_op:= _Variables.P_hrs_pe_lsl_gen_dist_op^;
    if Assigned(_Variables.P_hrs_pe_lsl_gen_temp_js) then
    _Variables.hrs_pe_lsl_gen_temp_js:= _Variables.P_hrs_pe_lsl_gen_temp_js^;
    if Assigned(_Variables.P_hrs_pe_lsl_rev_js) then _Variables.hrs_pe_lsl_rev_js:=
    _Variables.P_hrs_pe_lsl_rev_js^;
    if Assigned(_Variables.P_hrs_pe_pou_op) then _Variables.hrs_pe_pou_op:=
    _Variables.P_hrs_pe_pou_op^;
    if Assigned(_Variables.P_hrs_pickup_samp_op) then _Variables.hrs_pickup_samp_op:=
    _Variables.P_hrs_pickup_samp_op^;
    if Assigned(_Variables.P_hrs_pou_plan_dev_op) then
    _Variables.hrs_pou_plan_dev_op:= _Variables.P_hrs_pou_plan_dev_op^;
    if Assigned(_Variables.P_hrs_pou_plan_rev_js) then
    _Variables.hrs_pou_plan_rev_js:= _Variables.P_hrs_pou_plan_rev_js^;
    if Assigned(_Variables.P_hrs_pou_report_ann_prep_op) then
    _Variables.hrs_pou_report_ann_prep_op:= _Variables.P_hrs_pou_report_ann_prep_op^;
    if Assigned(_Variables.P_hrs_pou_report_ann_rev_js) then
    _Variables.hrs_pou_report_ann_rev_js:= _Variables.P_hrs_pou_report_ann_rev_js^;
    if Assigned(_Variables.P_hrs_pr_op) then _Variables.hrs_pr_op:=
    _Variables.P_hrs_pr_op^;
    if Assigned(_Variables.P_hrs_print_pe_pou_op) then
    _Variables.hrs_print_pe_pou_op:= _Variables.P_hrs_print_pe_pou_op^;
    if Assigned(_Variables.P_hrs_pub_access_op) then _Variables.hrs_pub_access_op:=
    _Variables.P_hrs_pub_access_op^;
    if Assigned(_Variables.P_hrs_pub_deliv_wtr_op) then
    _Variables.hrs_pub_deliv_wtr_op:= _Variables.P_hrs_pub_deliv_wtr_op^;
    if Assigned(_Variables.P_hrs_pub_devel_hc_op) then
    _Variables.hrs_pub_devel_hc_op:= _Variables.P_hrs_pub_devel_hc_op^;
    if Assigned(_Variables.P_hrs_pub_devel_wtr_op) then
    _Variables.hrs_pub_devel_wtr_op:= _Variables.P_hrs_pub_devel_wtr_op^;
    if Assigned(_Variables.P_hrs_pub_rev_hc_js) then _Variables.hrs_pub_rev_hc_js:=
    _Variables.P_hrs_pub_rev_hc_js^;
    if Assigned(_Variables.P_hrs_pub_temp_hc_js) then _Variables.hrs_pub_temp_hc_js:=
    _Variables.P_hrs_pub_temp_hc_js^;
    if Assigned(_Variables.P_hrs_renew_nine_js) then _Variables.hrs_renew_nine_js:=
    _Variables.P_hrs_renew_nine_js^;
    if Assigned(_Variables.P_hrs_renew_nine_op) then _Variables.hrs_renew_nine_op:=
    _Variables.P_hrs_renew_nine_op^;
    if Assigned(_Variables.P_hrs_replaced_lsl_contact_op) then
    _Variables.hrs_replaced_lsl_contact_op:= _Variables.P_hrs_replaced_lsl_contact_op^;

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    if Assigned(_Variables.P_hrs_report_dssa_js) then _Variables.hrs_report_dssa_js:=
_Variables.P_hrs_report_dssa_js^;
    if Assigned(_Variables.P_hrs_report_dssa_op) then _Variables.hrs_report_dssa_op:=
_Variables.P_hrs_report_dssa_op^;
    if Assigned(_Variables.P_hrs_report_inv_op) then _Variables.hrs_report_inv_op:=
_Variables.P_hrs_report_inv_op^;
    if Assigned(_Variables.P_hrs_report_lcr_js) then _Variables.hrs_report_lcr_js:=
_Variables.P_hrs_report_lcr_js^;
    if Assigned(_Variables.P_hrs_report_lcr_op) then _Variables.hrs_report_lcr_op:=
_Variables.P_hrs_report_lcr_op^;
    if Assigned(_Variables.P_hrs_report_source_op) then
_Variables.hrs_report_source_op:= _Variables.P_hrs_report_source_op^;
    if Assigned(_Variables.P_hrs_report_updated_initial_inv_op) then
_Variables.hrs_report_updated_initial_inv_op:=
_Variables.P_hrs_report_updated_initial_inv_op^;
    if Assigned(_Variables.P_hrs_report_wqp_op) then _Variables.hrs_report_wqp_op:=
_Variables.P_hrs_report_wqp_op^;
    if Assigned(_Variables.P_hrs_reset_owqp_js) then _Variables.hrs_reset_owqp_js:=
_Variables.P_hrs_reset_owqp_js^;
    if Assigned(_Variables.P_hrs_result_discuss_op) then
_Variables.hrs_result_discuss_op:= _Variables.P_hrs_result_discuss_op^;
    if Assigned(_Variables.P_hrs_rev_cct_op) then _Variables.hrs_rev_cct_op:=
_Variables.P_hrs_rev_cct_op^;
    if Assigned(_Variables.P_hrs_rev_nolsl_js) then _Variables.hrs_rev_nolsl_js:=
_Variables.P_hrs_rev_nolsl_js^;
    if Assigned(_Variables.P_hrs_rev_samp_js) then _Variables.hrs_rev_samp_js:=
_Variables.P_hrs_rev_samp_js^;
    if Assigned(_Variables.P_hrs_rev_samp_plan_js) then
_Variables.hrs_rev_samp_plan_js:= _Variables.P_hrs_rev_samp_plan_js^;
    if Assigned(_Variables.P_hrs_rev_school_info_js) then
_Variables.hrs_rev_school_info_js:= _Variables.P_hrs_rev_school_info_js^;
    if Assigned(_Variables.P_hrs_rev_school_list_js) then
_Variables.hrs_rev_school_list_js:= _Variables.P_hrs_rev_school_list_js^;
    if Assigned(_Variables.P_hrs_review_cct_study_lead_js) then
_Variables.hrs_review_cct_study_lead_js:=
_Variables.P_hrs_review_cct_study_lead_js^;
    if Assigned(_Variables.P_hrs_review_pe_pou_js) then
_Variables.hrs_review_pe_pou_js:= _Variables.P_hrs_review_pe_pou_js^;
    if Assigned(_Variables.P_hrs_review_targeted_pe_js) then
_Variables.hrs_review_targeted_pe_js:= _Variables.P_hrs_review_targeted_pe_js^;
    if Assigned(_Variables.P_hrs_review_wtr_pe_js) then
_Variables.hrs_review_wtr_pe_js:= _Variables.P_hrs_review_wtr_pe_js^;
    if Assigned(_Variables.P_hrs_samp_above_al_op) then
_Variables.hrs_samp_above_al_op:= _Variables.P_hrs_samp_above_al_op^;
    if Assigned(_Variables.P_hrs_samp_invalid_js) then
_Variables.hrs_samp_invalid_js:= _Variables.P_hrs_samp_invalid_js^;
    if Assigned(_Variables.P_hrs_samp_invalid_op) then
_Variables.hrs_samp_invalid_op:= _Variables.P_hrs_samp_invalid_op^;
    if Assigned(_Variables.P_hrs_samp_notice_js) then _Variables.hrs_samp_notice_js:=
_Variables.P_hrs_samp_notice_js^;

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    if Assigned(_Variables.P_hrs_samp_notice_op) then _Variables.hrs_samp_notice_op:=
_Variables.P_hrs_samp_notice_op^;
    if Assigned(_Variables.P_hrs_samp_reject_op) then _Variables.hrs_samp_reject_op:=
_Variables.P_hrs_samp_reject_op^;
    if Assigned(_Variables.P_hrs_samp_volunt_op) then _Variables.hrs_samp_volunt_op:=
_Variables.P_hrs_samp_volunt_op^;
    if Assigned(_Variables.P_hrs_samp_volunt_pou_op) then
_Variables.hrs_samp_volunt_pou_op:= _Variables.P_hrs_samp_volunt_pou_op^;
    if Assigned(_Variables.P_hrs_sanit_surv_js) then _Variables.hrs_sanit_surv_js:=
_Variables.P_hrs_sanit_surv_js^;
    if Assigned(_Variables.P_hrs_sanit_surv_op) then _Variables.hrs_sanit_surv_op:=
_Variables.P_hrs_sanit_surv_op^;
    if Assigned(_Variables.P_hrs_school_annual_contact_op) then
_Variables.hrs_school_annual_contact_op:=
_Variables.P_hrs_school_annual_contact_op^;
    if Assigned(_Variables.P_hrs_school_call_op) then _Variables.hrs_school_call_op:=
_Variables.P_hrs_school_call_op^;
    if Assigned(_Variables.P_hrs_school_coor_sample_op) then
_Variables.hrs_school_coor_sample_op:= _Variables.P_hrs_school_coor_sample_op^;
    if Assigned(_Variables.P_hrs_school_help_op) then _Variables.hrs_school_help_op:=
_Variables.P_hrs_school_help_op^;
    if Assigned(_Variables.P_hrs_school_identify_op) then
_Variables.hrs_school_identify_op:= _Variables.P_hrs_school_identify_op^;
    if Assigned(_Variables.P_hrs_school_letter_op) then
_Variables.hrs_school_letter_op:= _Variables.P_hrs_school_letter_op^;
    if Assigned(_Variables.P_hrs_sdwis_js) then _Variables.hrs_sdwis_js:=
_Variables.P_hrs_sdwis_js^;
    if Assigned(_Variables.P_hrs_set_owqp_js) then _Variables.hrs_set_owqp_js:=
_Variables.P_hrs_set_owqp_js^;
    if Assigned(_Variables.P_hrs_sm_flex_option_js) then
_Variables.hrs_sm_flex_option_js:= _Variables.P_hrs_sm_flex_option_js^;
    if Assigned(_Variables.P_hrs_sm_flex_option_op) then
_Variables.hrs_sm_flex_option_op:= _Variables.P_hrs_sm_flex_option_op^;
    if Assigned(_Variables.P_hrs_source_js) then _Variables.hrs_source_js:=
_Variables.P_hrs_source_js^;
    if Assigned(_Variables.P_hrs_source_op) then _Variables.hrs_source_op:=
_Variables.P_hrs_source_op^;
    if Assigned(_Variables.P_hrs_ta_js) then _Variables.hrs_ta_js:=
_Variables.P_hrs_ta_js^;
    if Assigned(_Variables.P_hrs_temp_ccr_js) then _Variables.hrs_temp_ccr_js:=
_Variables.P_hrs_temp_ccr_js^;
    if Assigned(_Variables.P_hrs_temp_lslr_out_js) then
_Variables.hrs_temp_lslr_out_js:= _Variables.P_hrs_temp_lslr_out_js^;
    if Assigned(_Variables.P_hrs_temp_pou_js) then _Variables.hrs_temp_pou_js:=
_Variables.P_hrs_temp_pou_js^;
    if Assigned(_Variables.P_hrs_temp_school_js) then _Variables.hrs_temp_school_js:=
_Variables.P_hrs_temp_school_js^;
    if Assigned(_Variables.P_hrs_train_ann_js) then _Variables.hrs_train_ann_js:=
_Variables.P_hrs_train_ann_js^;
    if Assigned(_Variables.P_hrs_train_imp_js) then _Variables.hrs_train_imp_js:=

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_Variables.P_hrs_train_imp_js^;
  if Assigned(_Variables.P_hrs_travel_samp_school_op) then
_Variables.hrs_travel_samp_school_op:= _Variables.P_hrs_travel_samp_school_op^;
  if Assigned(_Variables.P_hrs_update_ccr_op) then _Variables.hrs_update_ccr_op:=
_Variables.P_hrs_update_ccr_op^;
  if Assigned(_Variables.P_hrs_updated_initial_inv_rev_js) then
_Variables.hrs_updated_initial_inv_rev_js:=
_Variables.P_hrs_updated_initial_inv_rev_js^;
  if Assigned(_Variables.P_hrs_walkthrough_school_op) then
_Variables.hrs_walkthrough_school_op:= _Variables.P_hrs_walkthrough_school_op^;
  if Assigned(_Variables.P_hrs_web_op) then _Variables.hrs_web_op:=
_Variables.P_hrs_web_op^;
  if Assigned(_Variables.P_hrs_wqp_analyze_dist_op) then
_Variables.hrs_wqp_analyze_dist_op:= _Variables.P_hrs_wqp_analyze_dist_op^;
  if Assigned(_Variables.P_hrs_wqp_analyze_ep_op) then
_Variables.hrs_wqp_analyze_ep_op:= _Variables.P_hrs_wqp_analyze_ep_op^;
  if Assigned(_Variables.P_hrs_wqp_analyze_ortho_ep_op) then
_Variables.hrs_wqp_analyze_ortho_ep_op:= _Variables.P_hrs_wqp_analyze_ortho_ep_op^;
  if Assigned(_Variables.P_hrs_wqp_analyze_ortho_op) then
_Variables.hrs_wqp_analyze_ortho_op:= _Variables.P_hrs_wqp_analyze_ortho_op^;
  if Assigned(_Variables.P_hrs_wqp_analyze_ph_ep_op) then
_Variables.hrs_wqp_analyze_ph_ep_op:= _Variables.P_hrs_wqp_analyze_ph_ep_op^;
  if Assigned(_Variables.P_hrs_wqp_analyze_ph_op) then
_Variables.hrs_wqp_analyze_ph_op:= _Variables.P_hrs_wqp_analyze_ph_op^;
  if Assigned(_Variables.P_hrs_wqp_dssa_op) then _Variables.hrs_wqp_dssa_op:=
_Variables.P_hrs_wqp_dssa_op^;
  if Assigned(_Variables.P_hrs_wqp_js) then _Variables.hrs_wqp_js:=
_Variables.P_hrs_wqp_js^;
  if Assigned(_Variables.P_hrs_wqp_op) then _Variables.hrs_wqp_op:=
_Variables.P_hrs_wqp_op^;
  if Assigned(_Variables.P_meet_lslr_goal) then _Variables.meet_lslr_goal:=
_Variables.P_meet_lslr_goal^;
  if Assigned(_Variables.P_num_lsl_replace) then _Variables.num_lsl_replace:=
_Variables.P_num_lsl_replace^;
  if Assigned(_Variables.P_num_lsl_requested) then _Variables.num_lsl_requested:=
_Variables.P_num_lsl_requested^;
  if Assigned(_Variables.P_num_lslr_gal_prev_lsl_replace) then
_Variables.num_lslr_gal_prev_lsl_replace:=
_Variables.P_num_lslr_gal_prev_lsl_replace^;
  if Assigned(_Variables.P_num_lslr_lsl_replace) then
_Variables.num_lslr_lsl_replace:= _Variables.P_num_lslr_lsl_replace^;
  if Assigned(_Variables.P_num_lslr_partial_replace) then
_Variables.num_lslr_partial_replace:= _Variables.P_num_lslr_partial_replace^;
  if Assigned(_Variables.P_num_lslr_replace) then _Variables.num_lslr_replace:=
_Variables.P_num_lslr_replace^;
  if Assigned(_Variables.P_num_unknown_resolved) then
_Variables.num_unknown_resolved:= _Variables.P_num_unknown_resolved^;
  if Assigned(_Variables.P_numb_daycares) then _Variables.numb_daycares:=
_Variables.P_numb_daycares^;
  if Assigned(_Variables.P_numb_elem_schools_priv) then

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_Variables.numb_elem_schools_priv:= _Variables.P_numb_elem_schools_priv^;
  if Assigned(_Variables.P_numb_elem_schools_pub) then
_Variables.numb_elem_schools_pub:= _Variables.P_numb_elem_schools_pub^;
  if Assigned(_Variables.P_numb_enhance_wqp) then _Variables.numb_enhance_wqp:=
_Variables.P_numb_enhance_wqp^;
  if Assigned(_Variables.P_numb_ep) then _Variables.numb_ep:= _Variables.P_numb_ep^;
  if Assigned(_Variables.P_numb_ep_wqp) then _Variables.numb_ep_wqp:=
_Variables.P_numb_ep_wqp^;
  if Assigned(_Variables.P_numb_ha) then _Variables.numb_ha:= _Variables.P_numb_ha^;
  if Assigned(_Variables.P_numb_hh) then _Variables.numb_hh:= _Variables.P_numb_hh^;
  if Assigned(_Variables.P_numb_lcr_other_org) then _Variables.numb_lcr_other_org:=
_Variables.P_numb_lcr_other_org^;
  if Assigned(_Variables.P_numb_other_request) then _Variables.numb_other_request:=
_Variables.P_numb_other_request^;
  if Assigned(_Variables.P_numb_pou) then _Variables.numb_pou:=
_Variables.P_numb_pou^;
  if Assigned(_Variables.P_numb_reduced_tap) then _Variables.numb_reduced_tap:=
_Variables.P_numb_reduced_tap^;
  if Assigned(_Variables.P_numb_reduced_wqp) then _Variables.numb_reduced_wqp:=
_Variables.P_numb_reduced_wqp^;
  if Assigned(_Variables.P_numb_samp_customer) then _Variables.numb_samp_customer:=
_Variables.P_numb_samp_customer^;
  if Assigned(_Variables.P_numb_samp_five) then _Variables.numb_samp_five:=
_Variables.P_numb_samp_five^;
  if Assigned(_Variables.P_numb_samp_lslr) then _Variables.numb_samp_lslr:=
_Variables.P_numb_samp_lslr^;
  if Assigned(_Variables.P_numb_samp_two) then _Variables.numb_samp_two:=
_Variables.P_numb_samp_two^;
  if Assigned(_Variables.P_numb_second_schools_priv) then
_Variables.numb_second_schools_priv:= _Variables.P_numb_second_schools_priv^;
  if Assigned(_Variables.P_numb_second_schools_pub) then
_Variables.numb_second_schools_pub:= _Variables.P_numb_second_schools_pub^;
  if Assigned(_Variables.P_numb_st_sample) then _Variables.numb_st_sample:=
_Variables.P_numb_st_sample^;
  if Assigned(_Variables.P_numb_wqp_sites_added) then
_Variables.numb_wqp_sites_added:= _Variables.P_numb_wqp_sites_added^;
  if Assigned(_Variables.P_numb_wqp_sites_added_prev) then
_Variables.numb_wqp_sites_added_prev:= _Variables.P_numb_wqp_sites_added_prev^;
  if Assigned(_Variables.P_p_copper_ale) then _Variables.p_copper_ale:=
_Variables.P_p_copper_ale^;
  if Assigned(_Variables.P_p_incentive) then _Variables.p_incentive:=
_Variables.P_p_incentive^;
  if Assigned(_Variables.P_p_inventory) then _Variables.p_inventory:=
_Variables.P_p_inventory^;
  if Assigned(_Variables.P_p_source_chng) then _Variables.p_source_chng:=
_Variables.P_p_source_chng^;
  if Assigned(_Variables.P_p_source_sig) then _Variables.p_source_sig:=
_Variables.P_p_source_sig^;
  if Assigned(_Variables.P_p_spec_req) then _Variables.p_spec_req:=
_Variables.P_p_spec_req^;

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    if Assigned(_Variables.P_p_tap_annual) then _Variables.p_tap_annual:=
_Variables.P_p_tap_annual^;
    if Assigned(_Variables.P_p_tap_nine) then _Variables.p_tap_nine:=
_Variables.P_p_tap_nine^;
    if Assigned(_Variables.P_p_tap_triennial) then _Variables.p_tap_triennial:=
_Variables.P_p_tap_triennial^;
    if Assigned(_Variables.P_p_treat_change) then _Variables.p_treat_change:=
_Variables.P_p_treat_change^;
    if Assigned(_Variables.P_p_wqp_all) then _Variables.p_wqp_all:=
_Variables.P_p_wqp_all^;
    if Assigned(_Variables.P_p_wqp_annual) then _Variables.p_wqp_annual:=
_Variables.P_p_wqp_annual^;
    if Assigned(_Variables.P_p_wqp_cond) then _Variables.p_wqp_cond:=
_Variables.P_p_wqp_cond^;
    if Assigned(_Variables.P_p_wqp_six_red) then _Variables.p_wqp_six_red:=
_Variables.P_p_wqp_six_red^;
    if Assigned(_Variables.P_p_wqp_triennial) then _Variables.p_wqp_triennial:=
_Variables.P_p_wqp_triennial^;
    if Assigned(_Variables.P_pbaseph) then _Variables.pbaseph:= _Variables.P_pbaseph^;
    if Assigned(_Variables.P_pbasephpo4) then _Variables.pbasephpo4:=
_Variables.P_pbasephpo4^;
    if Assigned(_Variables.P_pbasepo4) then _Variables.pbasepo4:=
_Variables.P_pbasepo4^;
    if Assigned(_Variables.P_perc_hh_water_wrk) then _Variables.perc_hh_water_wrk:=
_Variables.P_perc_hh_water_wrk^;
    if Assigned(_Variables.P_pp_above_al_bin_one) then
_Variables.pp_above_al_bin_one:= _Variables.P_pp_above_al_bin_one^;
    if Assigned(_Variables.P_pp_above_al_bin_three) then
_Variables.pp_above_al_bin_three:= _Variables.P_pp_above_al_bin_three^;
    if Assigned(_Variables.P_pp_above_al_bin_two) then
_Variables.pp_above_al_bin_two:= _Variables.P_pp_above_al_bin_two^;
    if Assigned(_Variables.P_pp_childcare_mand_waiver) then
_Variables.pp_childcare_mand_waiver:= _Variables.P_pp_childcare_mand_waiver^;
    if Assigned(_Variables.P_pp_childcare_onreq_waiver) then
_Variables.pp_childcare_onreq_waiver:= _Variables.P_pp_childcare_onreq_waiver^;
    if Assigned(_Variables.P_pp_commercial_samp) then _Variables.pp_commercial_samp:=
_Variables.P_pp_commercial_samp^;
    if Assigned(_Variables.P_pp_commercial_samp_school) then
_Variables.pp_commercial_samp_school:= _Variables.P_pp_commercial_samp_school^;
    if Assigned(_Variables.P_pp_hh_request_lslr) then _Variables.pp_hh_request_lslr:=
_Variables.P_pp_hh_request_lslr^;
    if Assigned(_Variables.P_pp_hh_return_samp) then _Variables.pp_hh_return_samp:=
_Variables.P_pp_hh_return_samp^;
    if Assigned(_Variables.P_pp_lab_samp) then _Variables.pp_lab_samp:=
_Variables.P_pp_lab_samp^;
    if Assigned(_Variables.P_pp_lab_samp_school) then _Variables.pp_lab_samp_school:=
_Variables.P_pp_lab_samp_school^;
    if Assigned(_Variables.P_pp_lslr_cap_emerg) then _Variables.pp_lslr_cap_emerg:=
_Variables.P_pp_lslr_cap_emerg^;
    if Assigned(_Variables.P_pp_mand_twenty_partic) then

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_Variables.pp_mand_twenty_partic:= _Variables.P_pp_mand_twenty_partic^;
  if Assigned(_Variables.P_pp_priv_elem_mand_waiver) then
_Variables.pp_priv_elem_mand_waiver:= _Variables.P_pp_priv_elem_mand_waiver^;
  if Assigned(_Variables.P_pp_priv_elem_onreq_waiver) then
_Variables.pp_priv_elem_onreq_waiver:= _Variables.P_pp_priv_elem_onreq_waiver^;
  if Assigned(_Variables.P_pp_priv_second_onreq1_waiver) then
_Variables.pp_priv_second_onreq1_waiver:=
_Variables.P_pp_priv_second_onreq1_waiver^;
  if Assigned(_Variables.P_pp_priv_second_onreq2_waiver) then
_Variables.pp_priv_second_onreq2_waiver:=
_Variables.P_pp_priv_second_onreq2_waiver^;
  if Assigned(_Variables.P_pp_pub_elem_mand_waiver) then
_Variables.pp_pub_elem_mand_waiver:= _Variables.P_pp_pub_elem_mand_waiver^;
  if Assigned(_Variables.P_pp_pub_elem_onreq_waiver) then
_Variables.pp_pub_elem_onreq_waiver:= _Variables.P_pp_pub_elem_onreq_waiver^;
  if Assigned(_Variables.P_pp_pub_second_onreq1_waiver) then
_Variables.pp_pub_second_onreq1_waiver:= _Variables.P_pp_pub_second_onreq1_waiver^;
  if Assigned(_Variables.P_pp_pub_second_onreq2_waiver) then
_Variables.pp_pub_second_onreq2_waiver:= _Variables.P_pp_pub_second_onreq2_waiver^;
  if Assigned(_Variables.P_pp_samp_invalid) then _Variables.pp_samp_invalid:=
_Variables.P_pp_samp_invalid^;
  if Assigned(_Variables.P_pp_samp_reject) then _Variables.pp_samp_reject:=
_Variables.P_pp_samp_reject^;
  if Assigned(_Variables.P_pp_voluntary_partic) then
_Variables.pp_voluntary_partic:= _Variables.P_pp_voluntary_partic^;
  if Assigned(_Variables.P_pws_cct) then _Variables.pws_cct:= _Variables.P_pws_cct^;
  if Assigned(_Variables.P_pws_lsl) then _Variables.pws_lsl:= _Variables.P_pws_lsl^;
  if Assigned(_Variables.P_pws_pop) then _Variables.pws_pop:= _Variables.P_pws_pop^;
  if Assigned(_Variables.P_rate_js) then _Variables.rate_js:= _Variables.P_rate_js^;
  if Assigned(_Variables.P_rate_op) then _Variables.rate_op:= _Variables.P_rate_op^;
  if Assigned(_Variables.P_school_3a) then _Variables.school_3a:=
_Variables.P_school_3a^;
  if Assigned(_Variables.P_system_pou) then _Variables.system_pou:=
_Variables.P_system_pou^;

```

end;

```

procedure TLSRCompiledCostBaselineLCRR._Evaluate(const Yr : integer);

```

```

begin

```

```

  _Reset(False);

```

```

  _LoadVars();

```

```

  with _Variables do begin

```

```

    //system_sm_flex row: 10

```

```

    _Cost[8] := (hrs_sm_flex_option_op*rate_op);

```

```

    inc(TotEval);

```

```

    _OM[8] := 0;

```

```

    inc(TotEval);

```

```

    //state_sm_flex row: 11

```

```

_Cost[9] := (hrs_sm_flex_option_js*rate_js);
  inc(TotEval);
_OM[9] := 0;
inc(TotEval);

//state_rev_samp_plan row: 12
_CalcCost[10] := pws_lsl;
inc(TotEval);
if _CalcCost[10] > 0 then begin
  _Cost[10] := (hrs_rev_samp_plan_js*rate_js);
  inc(TotEval);
  _OM[10] := 0;
inc(TotEval);
end;

//state_rev_bin_samp row: 13
_Cost[11] := (hrs_initial_tap_rev_js*rate_js);
  inc(TotEval);
_OM[11] := 0;
inc(TotEval);

//system_new_tap_samp row: 14
_CalcCost[12] := pws_lsl;
inc(TotEval);
if _CalcCost[12] > 0 then begin
  _Cost[12] := (hrs_add_lsl_samp_op*rate_op);
  inc(TotEval);
  _OM[12] := 0;
inc(TotEval);
end;

//state_review_cct row: 15
_CalcCost[13] := pws_cct;
inc(TotEval);
if _CalcCost[13] > 0 then begin
  _Cost[13] := (hrs_cct_review_js*rate_js);
  inc(TotEval);
  _OM[13] := 0;
inc(TotEval);
end;

//state_sanitary_three_guide row: 16
_CalcCost[14] := (1-p_spec_req)*pws_cct;
inc(TotEval);
if _CalcCost[14] > 0 then begin
  _Cost[14] := (hrs_sanit_surv_js*rate_js);
  inc(TotEval);
  _OM[14] := 0;
inc(TotEval);
end;

```

```

//state_sanitary_five_guide row: 17
_CalcCost[15] := p_spec_req*pws_cct;
inc(TotEval);
if _CalcCost[15] > 0 then begin
    _Cost[15] := (hrs_sanit_surv_js*rate_js);
    inc(TotEval);
    _OM[15] := 0;
inc(TotEval);
end;

//system_sanitary_three_guide row: 18
_CalcCost[16] := (1-p_spec_req)*pws_cct;
inc(TotEval);
if _CalcCost[16] > 0 then begin
    _Cost[16] := (hrs_sanit_surv_op*rate_op)+(hrs_rev_cct_op*rate_op);
    inc(TotEval);
    _OM[16] := 0;
inc(TotEval);
end;

//system_sanitary_five_guide row: 19
_CalcCost[17] := p_spec_req*pws_cct;
inc(TotEval);
if _CalcCost[17] > 0 then begin
    _Cost[17] := (hrs_sanit_surv_op*rate_op)+(hrs_rev_cct_op*rate_op);
    inc(TotEval);
    _OM[17] := 0;
inc(TotEval);
end;

//system_collect_wqp_above_15_r1_b3 row: 20
_CalcCost[18] := pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[18] > 0 then begin
    _Cost[18] :=
(pp_above_al_bin_three*(2*numb_samp_customer))*((hrs_samp_above_al_op*rate_op)+cost_
samp_above_al);
    inc(TotEval);
    _OM[18] := 0;
inc(TotEval);
end;

//system_analyze_tap_ff_r1_b3 row: 21
_CalcCost[19] := (1-b_state_two)*pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[19] > 0 then begin
    _Cost[19] :=
(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*
rate_op)+cost_lab_lt_samp))+(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_comm

```



```

ercial_samp)*cost_commercial_lab);
    inc(TotEval);
    _OM[19] := 0;
    inc(TotEval);
end;

//state_analyze_tap_ff_r1_b3 row: 22
_CalcCost[20] := b_state_two*pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[20] > 0 then begin
    _Cost[20] :=
(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*
rate_op)+cost_lab_lt_samp))+(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_comm
ercial_samp)*cost_commercial_lab);
    inc(TotEval);
    _OM[20] := 0;
    inc(TotEval);
end;

//system_provide_pe_copy_15_r1_b3 row: 23
_CalcCost[21] := pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[21] > 0 then begin
    _Cost[21] := 2*(hrs_samp_notice_op*rate_op);
    inc(TotEval);
    _OM[21] := 0;
    inc(TotEval);
end;

//state_review_pe_copy_15_r1_b3 row: 24
_CalcCost[22] := pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[22] > 0 then begin
    _Cost[22] := 2*(hrs_samp_notice_js*rate_js);
    inc(TotEval);
    _OM[22] := 0;
    inc(TotEval);
end;

//system_collect_wqp_above_15_r1_b2 row: 25
_CalcCost[23] := pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[23] > 0 then begin
    _Cost[23] :=
(pp_above_al_bin_two*(2*numb_samp_customer))*((hrs_samp_above_al_op*rate_op)+cost_sa
mp_above_al);
    inc(TotEval);
    _OM[23] := 0;
    inc(TotEval);
end;

```

```

//system_analyze_tap_ff_r1_b2 row: 26
_CalcCost[24] := (1-b_state_two)*pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[24] > 0 then begin
    _Cost[24] :=
(((pp_above_al_bin_two*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*ra
te_op)+cost_lab_lt_samp))+(((pp_above_al_bin_two*(2*numb_samp_customer))*pp_commerci
al_samp)*cost_commercial_lab);
    inc(TotEval);
    _OM[24] := 0;
inc(TotEval);
end;

//state_analyze_tap_ff_r1_b2 row: 27
_CalcCost[25] := b_state_two*pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[25] > 0 then begin
    _Cost[25] :=
(((pp_above_al_bin_two*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*ra
te_op)+cost_lab_lt_samp))+(((pp_above_al_bin_two*(2*numb_samp_customer))*pp_commerci
al_samp)*cost_commercial_lab);
    inc(TotEval);
    _OM[25] := 0;
inc(TotEval);
end;

//system_provide_pe_copy_15_r1_b2 row: 28
_CalcCost[26] := pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[26] > 0 then begin
    _Cost[26] := (hrs_samp_notice_op*rate_op);
    inc(TotEval);
    _OM[26] := 0;
inc(TotEval);
end;

//state_review_pe_copy_15_r1_b2 row: 29
_CalcCost[27] := pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[27] > 0 then begin
    _Cost[27] := (hrs_samp_notice_js*rate_js);
    inc(TotEval);
    _OM[27] := 0;
inc(TotEval);
end;

//system_collect_wqp_above_15_r1_b1 row: 30
_CalcCost[28] := pws_lsl*(1-system_pou);
inc(TotEval);

```

```

    if _CalcCost[28] > 0 then begin
        _Cost[28] :=
(pp_above_al_bin_one*(2*numb_samp_customer))*((hrs_samp_above_al_op*rate_op)+cost_sam
p_above_al);
        inc(TotEval);
        _OM[28] := 0;
        inc(TotEval);
    end;

    //system_analyze_tap_ff_r1_b1 row: 31
    _CalcCost[29] := (1-b_state_two)*pws_lsl*(1-system_pou);
    inc(TotEval);
    if _CalcCost[29] > 0 then begin
        _Cost[29] :=
(((pp_above_al_bin_one*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*ra
te_op)+cost_lab_lt_samp))+(((pp_above_al_bin_one*(2*numb_samp_customer))*pp_commerci
al_samp)*cost_commercial_lab);
        inc(TotEval);
        _OM[29] := 0;
        inc(TotEval);
    end;

    //state_analyze_tap_ff_r1_b1 row: 32
    _CalcCost[30] := b_state_two*pws_lsl*(1-system_pou);
    inc(TotEval);
    if _CalcCost[30] > 0 then begin
        _Cost[30] :=
(((pp_above_al_bin_one*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*ra
te_op)+cost_lab_lt_samp))+(((pp_above_al_bin_one*(2*numb_samp_customer))*pp_commerci
al_samp)*cost_commercial_lab);
        inc(TotEval);
        _OM[30] := 0;
        inc(TotEval);
    end;

    //system_provide_pe_copy_15_r1_b1 row: 33
    _CalcCost[31] := pws_lsl*(1-system_pou);
    inc(TotEval);
    if _CalcCost[31] > 0 then begin
        _Cost[31] := 2*(hrs_samp_notice_op*rate_op);
        inc(TotEval);
        _OM[31] := 0;
        inc(TotEval);
    end;

    //state_review_pe_copy_15_r1_b1 row: 34
    _CalcCost[32] := pws_lsl*(1-system_pou);
    inc(TotEval);
    if _CalcCost[32] > 0 then begin
        _Cost[32] := 2*(hrs_samp_notice_js*rate_js);

```

```

        inc(TotEval);
        _OM[32] := 0;
    inc(TotEval);
end;

//system_collect_ph_wqp_ale_no_cct_ff_r1 row: 35
_CalcCost[33] := (1-pws_cct)*pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[33] > 0 then begin
    _Cost[33] :=
(numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material);
    inc(TotEval);
    _OM[33] := 0;
    inc(TotEval);
end;

//system_analyze_ph_wqp_ale_no_cct_ff_r1 row: 36
_CalcCost[34] := (1-pws_cct)*pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[34] > 0 then begin
    _Cost[34] :=
((((numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_dist_op*rate_op)+cost_wqp_a
nalyze))+((numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_wqp));
    inc(TotEval);
    _OM[34] := 0;
    inc(TotEval);
end;

//system_collect_wqp_ff_ph_r1 row: 37
_CalcCost[35] := pbaseph*pws_cct*pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[35] > 0 then begin
    _Cost[35] :=
(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ph);
    inc(TotEval);
    _OM[35] := 0;
    inc(TotEval);
end;

//system_collect_wqp_ff_ortho_r1 row: 38
_CalcCost[36] := (pbasepo4+pbasephpo4)*pws_cct*pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[36] > 0 then begin
    _Cost[36] :=
(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ortho);
    inc(TotEval);
    _OM[36] := 0;
    inc(TotEval);
end;

```

```

//system_analyze_wqp_above_15_ph_r1 row: 39
_CalcCost[37] := pws_cct*pbaseph*pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[37] > 0 then begin
    _Cost[37] :=
((2*numb_wqp_sites_added*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_ph_a
nalyze))+(2*numb_wqp_sites_added*pp_commercial_samp*cost_lab_ph_wqp);
    inc(TotEval);
    _OM[37] := 0;
    inc(TotEval);
end;

//system_analyze_wqp_above_15_ortho_r1 row: 40
_CalcCost[38] := pws_cct*(pbasepo4+pbasephpo4)*pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[38] > 0 then begin
    _Cost[38] :=
((((2*numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wq
p_ortho_analyze))+(((2*numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_ortho_wqp)
);
    inc(TotEval);
    _OM[38] := 0;
    inc(TotEval);
end;

//system_investig_findfix_r1 row: 41
_CalcCost[39] := pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[39] > 0 then begin
    _Cost[39] := (hrs_deter_dssa_op*rate_op);
    inc(TotEval);
    _OM[39] := 0;
    inc(TotEval);
end;

//system_report_findfix_r1 row: 42
_CalcCost[40] := pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[40] > 0 then begin
    _Cost[40] := (hrs_report_dssa_op*rate_op);
    inc(TotEval);
    _OM[40] := 0;
    inc(TotEval);
end;

//state_review_findfix_r1 row: 43
_CalcCost[41] := pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[41] > 0 then begin
    _Cost[41] := (hrs_report_dssa_js*rate_js);

```

```

        inc(TotEval);
        _OM[41] := 0;
    inc(TotEval);
end;

//system_consult_findfix_r1 row: 44
_CalcCost[42] := pws_lsl*pws_cct*(1-system_pou);
inc(TotEval);
if _CalcCost[42] > 0 then begin
    _Cost[42] := (hrs_consult_dssa_op*rate_op);
    inc(TotEval);
    _OM[42] := 0;
inc(TotEval);
end;

//state_consult_findfix_r1 row: 45
_CalcCost[43] := pws_lsl*pws_cct*(1-system_pou);
inc(TotEval);
if _CalcCost[43] > 0 then begin
    _Cost[43] := (hrs_consult_dssa_js*rate_js);
    inc(TotEval);
    _OM[43] := 0;
inc(TotEval);
end;

//system_collect_wqp_above_15_r1_nolsl_b3 row: 46
_CalcCost[44] :=
(1-pws_lsl)*(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou);
inc(TotEval);
if _CalcCost[44] > 0 then begin
    _Cost[44] :=
(pp_above_al_bin_three*(2*numb_samp_customer))*((hrs_samp_above_al_op*rate_op)+cost_
samp_above_al);
    inc(TotEval);
    _OM[44] := 0;
inc(TotEval);
end;

//system_analyze_tap_ff_r1_nolsl_b3 row: 47
_CalcCost[45] :=
(1-b_state_two)*(1-pws_lsl)*(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_
pou);
inc(TotEval);
if _CalcCost[45] > 0 then begin
    _Cost[45] :=
(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*
rate_op)+cost_lab_lt_samp))+(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_comm
ercial_samp)*cost_commercial_lab);
    inc(TotEval);
    _OM[45] := 0;

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inc(TotEval);
end;

//state_analyze_tap_ff_r1_nolsl_b3 row: 48
_CalcCost[46] :=
b_state_two*(1-pws_lsl)*(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)
;
inc(TotEval);
if _CalcCost[46] > 0 then begin
_Cost[46] :=
(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*
rate_op)+cost_lab_lt_samp))+(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_comm
ercial_samp)*cost_commercial_lab);
inc(TotEval);
_OM[46] := 0;
inc(TotEval);
end;

//system_provide_pe_copy_15_nolsl_b3 row: 49
_CalcCost[47] :=
(1-pws_lsl)*(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou);
inc(TotEval);
if _CalcCost[47] > 0 then begin
_Cost[47] := 2*(hrs_samp_notice_op*rate_op);
inc(TotEval);
_OM[47] := 0;
inc(TotEval);
end;

//state_review_pe_copy_15_r1_nolsl_b3 row: 50
_CalcCost[48] :=
(1-pws_lsl)*(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou);
inc(TotEval);
if _CalcCost[48] > 0 then begin
_Cost[48] := 2*(hrs_samp_notice_js*rate_js);
inc(TotEval);
_OM[48] := 0;
inc(TotEval);
end;

//system_collect_wqp_above_15_r1_nolsl_red row: 51
_CalcCost[49] := (1-pws_lsl)*p_tap_triennial*(1-system_pou);
inc(TotEval);
if _CalcCost[49] > 0 then begin
_Cost[49] :=
(pp_above_al_bin_three*numb_reduced_tap)*((hrs_samp_above_al_op*rate_op)+cost_samp_a
bove_al);
inc(TotEval);
_OM[49] := 0;
inc(TotEval);

```

```

end;

//system_analyze_tap_ff_r1_nolsl_red row: 52
_CalcCost[50] := (1-b_state_two)*(1-pws_lsl)*p_tap_triennial*(1-system_pou);
inc(TotEval);
if _CalcCost[50] > 0 then begin
    _Cost[50] :=
(((pp_above_al_bin_three*numb_reduced_tap)*pp_lab_samp)*((hrs_analyze_samp_op*rate_o
p)+cost_lab_lt_samp))+(((pp_above_al_bin_three*numb_reduced_tap)*pp_commercial_samp)
*cost_commercial_lab);
    inc(TotEval);
    _OM[50] := 0;
inc(TotEval);
end;

//state_analyze_tap_ff_r1_nolsl_red row: 53
_CalcCost[51] := b_state_two*(1-pws_lsl)*p_tap_triennial*(1-system_pou);
inc(TotEval);
if _CalcCost[51] > 0 then begin
    _Cost[51] :=
(((pp_above_al_bin_three*numb_reduced_tap)*pp_lab_samp)*((hrs_analyze_samp_op*rate_o
p)+cost_lab_lt_samp))+(((pp_above_al_bin_three*numb_reduced_tap)*pp_commercial_samp)
*cost_commercial_lab);
    inc(TotEval);
    _OM[51] := 0;
inc(TotEval);
end;

//system_provide_pe_copy_15_r1_nolsl_red row: 54
_CalcCost[52] := (1-pws_lsl)*p_tap_triennial*(1-system_pou);
inc(TotEval);
if _CalcCost[52] > 0 then begin
    _Cost[52] := (hrs_samp_notice_op*rate_op);
    inc(TotEval);
    _OM[52] := 0;
inc(TotEval);
end;

//state_review_pe_copy_15_r1_nolsl_red row: 55
_CalcCost[53] := (1-pws_lsl)*p_tap_triennial*(1-system_pou);
inc(TotEval);
if _CalcCost[53] > 0 then begin
    _Cost[53] := (hrs_samp_notice_js*rate_js);
    inc(TotEval);
    _OM[53] := 0;
inc(TotEval);
end;

//system_collect_wqp_above_15_r1_nolsl row: 56
_CalcCost[54] := (1-pws_lsl)*(p_tap_annual)*(1-system_pou);

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    inc(TotEval);
    if _CalcCost[54] > 0 then begin
        _Cost[54] :=
(pp_above_al_bin_three*numb_samp_customer)*((hrs_samp_above_al_op*rate_op)+cost_samp
_above_al);
        inc(TotEval);
        _OM[54] := 0;
    inc(TotEval);
    end;

    //system_analyze_tap_ff_r1_nolsl row: 57
    _CalcCost[55] := (1-b_state_two)*(1-pws_lsl)*(p_tap_annual)*(1-system_pou);
    inc(TotEval);
    if _CalcCost[55] > 0 then begin
        _Cost[55] :=
(((pp_above_al_bin_three*numb_samp_customer)*pp_lab_samp)*((hrs_analyze_samp_op*rate
_op)+cost_lab_lt_samp))+(((pp_above_al_bin_three*numb_samp_customer)*pp_commercial_s
amp)*cost_commercial_lab);
        inc(TotEval);
        _OM[55] := 0;
    inc(TotEval);
    end;

    //state_analyze_tap_ff_r1_nolsl row: 58
    _CalcCost[56] := b_state_two*(1-pws_lsl)*(p_tap_annual)*(1-system_pou);
    inc(TotEval);
    if _CalcCost[56] > 0 then begin
        _Cost[56] :=
(((pp_above_al_bin_three*numb_samp_customer)*pp_lab_samp)*((hrs_analyze_samp_op*rate
_op)+cost_lab_lt_samp))+(((pp_above_al_bin_three*numb_samp_customer)*pp_commercial_s
amp)*cost_commercial_lab);
        inc(TotEval);
        _OM[56] := 0;
    inc(TotEval);
    end;

    //system_provide_pe_copy_15_r1_nolsl row: 59
    _CalcCost[57] := (1-pws_lsl)*(p_tap_annual)*(1-system_pou);
    inc(TotEval);
    if _CalcCost[57] > 0 then begin
        _Cost[57] := (hrs_samp_notice_op*rate_op);
        inc(TotEval);
        _OM[57] := 0;
    inc(TotEval);
    end;

    //state_review_pe_copy_15_r1_nolsl row: 60
    _CalcCost[58] := (1-pws_lsl)*(p_tap_annual)*(1-system_pou);
    inc(TotEval);
    if _CalcCost[58] > 0 then begin

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```

    _Cost[58] := (hrs_samp_notice_js*rate_js);
    inc(TotEval);
    _OM[58] := 0;
    inc(TotEval);
end;

//system_collect_wqp_above_15_r1_nolsl_b2 row: 61
_CalcCost[59] := (1-pws_lsl)*(1-system_pou);
inc(TotEval);
if _CalcCost[59] > 0 then begin
    _Cost[59] :=
(pp_above_al_bin_two*numb_samp_customer)*((hrs_samp_above_al_op*rate_op)+cost_samp_a
bove_al);
    inc(TotEval);
    _OM[59] := 0;
    inc(TotEval);
end;

//system_analyze_tap_ff_r1_nolsl_b2 row: 62
_CalcCost[60] := (1-b_state_two)*(1-pws_lsl)*(1-system_pou);
inc(TotEval);
if _CalcCost[60] > 0 then begin
    _Cost[60] :=
(((pp_above_al_bin_two*numb_samp_customer)*pp_lab_samp)*((hrs_analyze_samp_op*rate_o
p)+cost_lab_lt_samp))+(((pp_above_al_bin_two*numb_samp_customer)*pp_commercial_samp)
*cost_commercial_lab);
    inc(TotEval);
    _OM[60] := 0;
    inc(TotEval);
end;

//state_analyze_tap_ff_r1_nolsl_b2 row: 63
_CalcCost[61] := b_state_two*(1-pws_lsl)*(1-system_pou);
inc(TotEval);
if _CalcCost[61] > 0 then begin
    _Cost[61] :=
(((pp_above_al_bin_two*numb_samp_customer)*pp_lab_samp)*((hrs_analyze_samp_op*rate_o
p)+cost_lab_lt_samp))+(((pp_above_al_bin_two*numb_samp_customer)*pp_commercial_samp)
*cost_commercial_lab);
    inc(TotEval);
    _OM[61] := 0;
    inc(TotEval);
end;

//system_provide_pe_copy_15_r1_nolsl_b2 row: 64
_CalcCost[62] := (1-pws_lsl)*(1-system_pou);
inc(TotEval);
if _CalcCost[62] > 0 then begin
    _Cost[62] := (hrs_samp_notice_op*rate_op);
    inc(TotEval);
end;

```

```

    _OM[62] := 0;
    inc(TotEval);
end;

//state_review_pe_copy_15_r1_nolsl_b2 row: 65
_CalcCost[63] := (1-pws_lsl)*(1-system_pou);
inc(TotEval);
if _CalcCost[63] > 0 then begin
    _Cost[63] := (hrs_samp_notice_js*rate_js);
    inc(TotEval);
    _OM[63] := 0;
    inc(TotEval);
end;

//system_collect_wqp_above_15_r1_nolsl_b1 row: 66
_CalcCost[64] := (1-pws_lsl)*(1-system_pou);
inc(TotEval);
if _CalcCost[64] > 0 then begin
    _Cost[64] :=
(pp_above_al_bin_one*(2*numb_samp_customer))*((hrs_samp_above_al_op*rate_op)+cost_sa
mp_above_al);
    inc(TotEval);
    _OM[64] := 0;
    inc(TotEval);
end;

//system_analyze_tap_ff_r1_nolsl_b1 row: 67
_CalcCost[65] := (1-b_state_two)*(1-pws_lsl)*(1-system_pou);
inc(TotEval);
if _CalcCost[65] > 0 then begin
    _Cost[65] :=
(((pp_above_al_bin_one*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*ra
te_op)+cost_lab_lt_samp))+(((pp_above_al_bin_one*(2*numb_samp_customer))*pp_commerci
al_samp)*cost_commercial_lab);
    inc(TotEval);
    _OM[65] := 0;
    inc(TotEval);
end;

//state_analyze_tap_ff_r1_nolsl_b1 row: 68
_CalcCost[66] := b_state_two*(1-pws_lsl)*(1-system_pou);
inc(TotEval);
if _CalcCost[66] > 0 then begin
    _Cost[66] :=
(((pp_above_al_bin_one*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*ra
te_op)+cost_lab_lt_samp))+(((pp_above_al_bin_one*(2*numb_samp_customer))*pp_commerci
al_samp)*cost_commercial_lab);
    inc(TotEval);
    _OM[66] := 0;
    inc(TotEval);
end;

```

```

end;

//system_provide_pe_copy_15_nolsl_b1 row: 69
_CalcCost[67] := (1-pws_lsl)*(1-system_pou);
inc(TotEval);
if _CalcCost[67] > 0 then begin
    _Cost[67] := 2*(hrs_samp_notice_op*rate_op);
    inc(TotEval);
    _OM[67] := 0;
inc(TotEval);
end;

//state_review_pe_copy_15_nolsl_b1 row: 70
_CalcCost[68] := (1-pws_lsl)*(1-system_pou);
inc(TotEval);
if _CalcCost[68] > 0 then begin
    _Cost[68] := 2*(hrs_samp_notice_js*rate_js);
    inc(TotEval);
    _OM[68] := 0;
inc(TotEval);
end;

//system_collect_ph_wqp_ale_no_cct_ff_r1_nolsl row: 71
_CalcCost[69] := (1-pws_cct)*(1-pws_lsl)*(1-system_pou);
inc(TotEval);
if _CalcCost[69] > 0 then begin
    _Cost[69] :=
(numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material);
    inc(TotEval);
    _OM[69] := 0;
inc(TotEval);
end;

//system_analyze_ph_wqp_ale_no_cct_ff_r1_nolsl row: 72
_CalcCost[70] := (1-pws_cct)*(1-pws_lsl)*(1-system_pou);
inc(TotEval);
if _CalcCost[70] > 0 then begin
    _Cost[70] :=
((((numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_dist_op*rate_op)+cost_wqp_a
nalyze))+(((numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_wqp));
    inc(TotEval);
    _OM[70] := 0;
inc(TotEval);
end;

//system_collect_wqp_ff_ph_r1_nolsl row: 73
_CalcCost[71] := pbaseph*pws_cct*(1-pws_lsl)*(1-system_pou);
inc(TotEval);
if _CalcCost[71] > 0 then begin
    _Cost[71] :=

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(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ph);
    inc(TotEval);
    _OM[71] := 0;
    inc(TotEval);
end;

//system_collect_wqp_ff_ortho_r1_nolsl row: 74
_CalcCost[72] := (pbasepo4+pbasephpo4)*pws_cct*(1-pws_lsl)*(1-system_pou);
inc(TotEval);
if _CalcCost[72] > 0 then begin
    _Cost[72] :=
(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ortho);
    inc(TotEval);
    _OM[72] := 0;
    inc(TotEval);
end;

//system_analyze_wqp_above_15_ph_r1_nolsl row: 75
_CalcCost[73] := pws_cct*pbaseph*(1-pws_lsl)*(1-system_pou);
inc(TotEval);
if _CalcCost[73] > 0 then begin
    _Cost[73] :=
((2*numb_wqp_sites_added*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_ph_a
nalyze))+(2*numb_wqp_sites_added*pp_commercial_samp*cost_lab_ph_wqp);
    inc(TotEval);
    _OM[73] := 0;
    inc(TotEval);
end;

//system_analyze_wqp_above_15_ortho_r1_nolsl row: 76
_CalcCost[74] := pws_cct*(pbasepo4+pbasephpo4)*(1-pws_lsl)*(1-system_pou);
inc(TotEval);
if _CalcCost[74] > 0 then begin
    _Cost[74] :=
((((2*numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wq
p_ortho_analyze))+(((2*numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_ortho_wqp)
);
    inc(TotEval);
    _OM[74] := 0;
    inc(TotEval);
end;

//system_investig_findfix_r1_nolsl row: 77
_CalcCost[75] := (1-pws_lsl)*(1-system_pou);
inc(TotEval);
if _CalcCost[75] > 0 then begin
    _Cost[75] := (hrs_deter_dssa_op*rate_op);
    inc(TotEval);
    _OM[75] := 0;
    inc(TotEval);
end;

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end;

//system_report_findfix_r1_nolsl row: 78
_CalcCost[76] := (1-pws_lsl)*(1-system_pou);
inc(TotEval);
if _CalcCost[76] > 0 then begin
    _Cost[76] := (hrs_report_dssa_op*rate_op);
    inc(TotEval);
    _OM[76] := 0;
inc(TotEval);
end;

//state_review_findfix row: 79
_CalcCost[77] := (1-pws_lsl)*(1-system_pou);
inc(TotEval);
if _CalcCost[77] > 0 then begin
    _Cost[77] := (hrs_report_dssa_js*rate_js);
    inc(TotEval);
    _OM[77] := 0;
inc(TotEval);
end;

//system_consult_findfix_r1_nolsl row: 80
_CalcCost[78] := (1-pws_lsl)*pws_cct*(1-system_pou);
inc(TotEval);
if _CalcCost[78] > 0 then begin
    _Cost[78] := (hrs_consult_dssa_op*rate_op);
    inc(TotEval);
    _OM[78] := 0;
inc(TotEval);
end;

//state_consult_findfix_r1_nolsl row: 81
_CalcCost[79] := (1-pws_lsl)*pws_cct*(1-system_pou);
inc(TotEval);
if _CalcCost[79] > 0 then begin
    _Cost[79] := (hrs_consult_dssa_js*rate_js);
    inc(TotEval);
    _OM[79] := 0;
inc(TotEval);
end;

//system_collect_wqp_above_15_b3 row: 82
_CalcCost[80] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-(p_source_chng+p_treat_change))*(1-
system_pou);
inc(TotEval);
if _CalcCost[80] > 0 then begin
    _Cost[80] :=
(pp_above_al_bin_three*(2*numb_samp_customer))*((hrs_samp_above_al_op*rate_op)+cost_

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samp_above_al);
    inc(TotEval);
    _OM[80] := 0;
    inc(TotEval);
end;

//system_analyze_tap_ff_b3 row: 83
_CalcCost[81] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-b_state_two)*(1-(p_source_chng+p_treat_
eat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[81] > 0 then begin
        _Cost[81] :=
(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*
rate_op)+cost_lab_lt_samp))+(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_comm
ercial_samp)*cost_commercial_lab);
        inc(TotEval);
        _OM[81] := 0;
        inc(TotEval);
    end;

//state_analyze_tap_ff_b3 row: 84
_CalcCost[82] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*b_state_two*(1-(p_source_chng+p_treat_
change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[82] > 0 then begin
        _Cost[82] :=
(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*
rate_op)+cost_lab_lt_samp))+(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_comm
ercial_samp)*cost_commercial_lab);
        inc(TotEval);
        _OM[82] := 0;
        inc(TotEval);
    end;

//system_collect_ph_wqp_ale_no_cct_ff row: 85
_CalcCost[83] :=
(1-pws_cct)*(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-(p_source_chng+p_treat_
change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[83] > 0 then begin
        _Cost[83] :=
(numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material);
        inc(TotEval);
        _OM[83] := 0;
        inc(TotEval);
    end;

//system_analyze_ph_wqp_ale_no_cct_ff row: 86

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    _CalcCost[84] :=
(1-pws_cct)*(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-(p_source_chng+p_treat_
change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[84] > 0 then begin
        _Cost[84] :=
((((numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_dist_op*rate_op)+cost_wqp_a
nalyze))+((numb_wqp_sites_added)*pp_commercial_samp*cost_lab_wqp));
        inc(TotEval);
        _OM[84] := 0;
        inc(TotEval);
    end;

    //system_collect_wqp_ff_ph_b3 row: 87
    _CalcCost[85] :=
pbaseph*pws_cct*(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-(p_source_chng+p_tr
eat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[85] > 0 then begin
        _Cost[85] :=
(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ph);
        inc(TotEval);
        _OM[85] := 0;
        inc(TotEval);
    end;

    //system_collect_wqp_ff_ortho_b3 row: 88
    _CalcCost[86] :=
(pbasepo4+pbasephpo4)*pws_cct*(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-(p_so
urce_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[86] > 0 then begin
        _Cost[86] :=
(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ortho);
        inc(TotEval);
        _OM[86] := 0;
        inc(TotEval);
    end;

    //system_analyze_wqp_above_15_ph_b3 row: 89
    _CalcCost[87] :=
pws_cct*pbaseph*(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-(p_source_chng+p_tr
eat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[87] > 0 then begin
        _Cost[87] :=
((2*numb_wqp_sites_added*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_ph_a
nalyze))+((2*numb_wqp_sites_added*pp_commercial_samp*cost_lab_ph_wqp));
        inc(TotEval);
        _OM[87] := 0;
    end;

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inc(TotEval);
end;

//system_analyze_wqp_above_15_ortho_b3 row: 90
_CalcCost[88] :=
pws_cct*(pbasepo4+pbasephpo4)*(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[88] > 0 then begin
_Cost[88] :=
((((2*numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wqp_ortho_analyze))+((2*numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_ortho_wqp);
inc(TotEval);
_OM[88] := 0;
inc(TotEval);
end;

//system_collect_wqp_above_15_b3_annual row: 91
_CalcCost[89] := p_tap_annual*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[89] > 0 then begin
_Cost[89] :=
(pp_above_al_bin_three*numb_samp_customer)*((hrs_samp_above_al_op*rate_op)+cost_samp_above_al);
inc(TotEval);
_OM[89] := 0;
inc(TotEval);
end;

//system_analyze_tap_ff_b3_annual row: 92
_CalcCost[90] :=
p_tap_annual*(1-b_state_two)*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[90] > 0 then begin
_Cost[90] :=
(((pp_above_al_bin_three*numb_samp_customer)*pp_lab_samp)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+((pp_above_al_bin_three*numb_samp_customer)*pp_commercial_samp)*cost_commercial_lab);
inc(TotEval);
_OM[90] := 0;
inc(TotEval);
end;

//state_analyze_tap_ff_b3_annual row: 93
_CalcCost[91] :=
p_tap_annual*b_state_two*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[91] > 0 then begin
_Cost[91] :=

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(((pp_above_al_bin_three*numb_samp_customer)*pp_lab_samp)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((pp_above_al_bin_three*numb_samp_customer)*pp_commercial_samp)*cost_commercial_lab);
    inc(TotEval);
    _OM[91] := 0;
    inc(TotEval);
end;

//system_collect_ph_wqp_ale_no_cct_ff_annual row: 94
_CalcCost[92] :=
(1-pws_cct)*p_tap_annual*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[92] > 0 then begin
        _Cost[92] :=
(numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material);
        inc(TotEval);
        _OM[92] := 0;
        inc(TotEval);
    end;

//system_analyze_ph_wqp_ale_no_cct_ff_annual row: 95
_CalcCost[93] :=
(1-pws_cct)*p_tap_annual*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[93] > 0 then begin
        _Cost[93] :=
((((numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_dist_op*rate_op)+cost_wqp_analyze))+((numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_wqp));
        inc(TotEval);
        _OM[93] := 0;
        inc(TotEval);
    end;

//system_collect_wqp_ff_ph_b3_annual row: 96
_CalcCost[94] :=
pbaseph*pws_cct*p_tap_annual*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[94] > 0 then begin
        _Cost[94] :=
(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ph);
        inc(TotEval);
        _OM[94] := 0;
        inc(TotEval);
    end;

//system_collect_wqp_ff_ortho_b3_annual row: 97
_CalcCost[95] :=
(pbasepo4+pbasephpo4)*pws_cct*p_tap_annual*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);

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    if _CalcCost[95] > 0 then begin
        _Cost[95] :=
(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ortho);
        inc(TotEval);
        _OM[95] := 0;
        inc(TotEval);
    end;

    //system_analyze_wqp_above_15_ph_b3_annual row: 98
    _CalcCost[96] :=
pws_cct*pbaseph*p_tap_annual*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[96] > 0 then begin
        _Cost[96] :=
((((2*numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_p
h_analyze))+((2*numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_ph_wqp));
        inc(TotEval);
        _OM[96] := 0;
        inc(TotEval);
    end;

    //system_analyze_wqp_above_15_ortho_b3_annual row: 99
    _CalcCost[97] :=
pws_cct*(pbasepo4+pbasephpo4)*p_tap_annual*(1-(p_source_chng+p_treat_change))*(1-sys
tem_pou);
    inc(TotEval);
    if _CalcCost[97] > 0 then begin
        _Cost[97] :=
((((2*numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wq
p_ortho_analyze))+((2*numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_ortho_wqp)
);
        inc(TotEval);
        _OM[97] := 0;
        inc(TotEval);
    end;

    //system_collect_wqp_above_15_b3_triennial row: 100
    _CalcCost[98] :=
p_tap_triennial*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[98] > 0 then begin
        _Cost[98] :=
(pp_above_al_bin_three*numb_reduced_tap)*((hrs_samp_above_al_op*rate_op)+cost_samp_a
bove_al);
        inc(TotEval);
        _OM[98] := 0;
        inc(TotEval);
    end;

    //system_analyze_tap_ff_b3_triennial row: 101

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    _CalcCost[99] :=
p_tap_triennial*(1-b_state_two)*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[99] > 0 then begin
        _Cost[99] :=
(((pp_above_al_bin_three*numb_reduced_tap)*pp_lab_samp)*((hrs_analyze_samp_op*rate_o
p)+cost_lab_lt_samp))+(((pp_above_al_bin_three*numb_reduced_tap)*pp_commercial_samp)
*cost_commercial_lab);
        inc(TotEval);
        _OM[99] := 0;
        inc(TotEval);
    end;

    //state_analyze_tap_ff_b3_triennial row: 102
    _CalcCost[100] :=
p_tap_triennial*b_state_two*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[100] > 0 then begin
        _Cost[100] :=
(((pp_above_al_bin_three*numb_reduced_tap)*pp_lab_samp)*((hrs_analyze_samp_op*rate_o
p)+cost_lab_lt_samp))+(((pp_above_al_bin_three*numb_reduced_tap)*pp_commercial_samp)
*cost_commercial_lab);
        inc(TotEval);
        _OM[100] := 0;
        inc(TotEval);
    end;

    //system_collect_ph_wqp_ale_no_cct_ff_triennial row: 103
    _CalcCost[101] :=
(1-pws_cct)*p_tap_triennial*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[101] > 0 then begin
        _Cost[101] :=
(numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material);
        inc(TotEval);
        _OM[101] := 0;
        inc(TotEval);
    end;

    //system_analyze_ph_wqp_ale_no_cct_ff_triennial row: 104
    _CalcCost[102] :=
(1-pws_cct)*p_tap_triennial*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[102] > 0 then begin
        _Cost[102] :=
((((numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_dist_op*rate_op)+cost_wqp_a
nalyze))+(((numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_wqp));
        inc(TotEval);
        _OM[102] := 0;
        inc(TotEval);
    end;

```

```

end;

//system_collect_wqp_ff_ph_b3_triennial row: 105
_CalcCost[103] :=
pbaseph*pws_cct*p_tap_triennial*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[103] > 0 then begin
    _Cost[103] :=
(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ph);
    inc(TotEval);
    _OM[103] := 0;
    inc(TotEval);
end;

//system_collect_wqp_ff_ortho_b3_triennial row: 106
_CalcCost[104] :=
(pbasepo4+pbasephpo4)*pws_cct*p_tap_triennial*(1-(p_source_chng+p_treat_change))*(1-
system_pou);
inc(TotEval);
if _CalcCost[104] > 0 then begin
    _Cost[104] :=
(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ortho);
    inc(TotEval);
    _OM[104] := 0;
    inc(TotEval);
end;

//system_analyze_wqp_above_15_ph_b3_triennial row: 107
_CalcCost[105] :=
pws_cct*pbaseph*p_tap_triennial*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[105] > 0 then begin
    _Cost[105] :=
((((2*numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_p
h_analyze))+((2*numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_ph_wqp));
    inc(TotEval);
    _OM[105] := 0;
    inc(TotEval);
end;

//system_analyze_wqp_above_15_ortho_b3_triennial row: 108
_CalcCost[106] :=
pws_cct*(pbasepo4+pbasephpo4)*p_tap_triennial*(1-(p_source_chng+p_treat_change))*(1-
system_pou);
inc(TotEval);
if _CalcCost[106] > 0 then begin
    _Cost[106] :=
((((2*numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wq
p_ortho_analyze))+((2*numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_ortho_wqp)
);

```

```

        inc(TotEval);
        _OM[106] := 0;
    inc(TotEval);
end;

//system_contact_wqp_above_15_b2 row: 109
_CalcCost[107] := (1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[107] > 0 then begin
    _Cost[107] :=
(pp_above_al_bin_two*numb_samp_customer)*((hrs_samp_above_al_op*rate_op)+cost_samp_a
bove_al);
    inc(TotEval);
    _OM[107] := 0;
    inc(TotEval);
end;

//system_analyze_tap_ff_b2 row: 110
_CalcCost[108] :=
(1-b_state_two)*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[108] > 0 then begin
    _Cost[108] :=
(((pp_above_al_bin_two*numb_samp_customer)*pp_lab_samp)*((hrs_analyze_samp_op*rate_o
p)+cost_lab_lt_samp))+(((pp_above_al_bin_two*numb_samp_customer)*pp_commercial_samp)
*cost_commercial_lab);
    inc(TotEval);
    _OM[108] := 0;
    inc(TotEval);
end;

//state_analyze_tap_ff_b2 row: 111
_CalcCost[109] := b_state_two*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[109] > 0 then begin
    _Cost[109] :=
(((pp_above_al_bin_two*numb_samp_customer)*pp_lab_samp)*((hrs_analyze_samp_op*rate_o
p)+cost_lab_lt_samp))+(((pp_above_al_bin_two*numb_samp_customer)*pp_commercial_samp)
*cost_commercial_lab);
    inc(TotEval);
    _OM[109] := 0;
    inc(TotEval);
end;

//system_collect_ph_wqp_ale_no_cct_ff_b2 row: 112
_CalcCost[110] := (1-pws_cct)*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[110] > 0 then begin
    _Cost[110] :=
(numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material);

```

```

        inc(TotEval);
        _OM[110] := 0;
    inc(TotEval);
end;

//system_analyze_ph_wqp_ale_no_cct_ff_b2 row: 113
_CalcCost[111] := (1-pws_cct)*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[111] > 0 then begin
    _Cost[111] :=
(((numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_dist_op*rate_op)+cost_wqp_a
nalyze))+(((numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_wqp));
    inc(TotEval);
    _OM[111] := 0;
    inc(TotEval);
end;

//system_collect_wqp_ff_ph_b2 row: 114
_CalcCost[112] :=
pbaseph*pws_cct*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[112] > 0 then begin
    _Cost[112] :=
(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ph);
    inc(TotEval);
    _OM[112] := 0;
    inc(TotEval);
end;

//system_collect_wqp_ff_ortho_b2 row: 115
_CalcCost[113] :=
(pbasepo4+pbasephpo4)*pws_cct*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[113] > 0 then begin
    _Cost[113] :=
(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ortho);
    inc(TotEval);
    _OM[113] := 0;
    inc(TotEval);
end;

//system_analyze_wqp_ph_above_15_b2 row: 116
_CalcCost[114] :=
pws_cct*pbaseph*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[114] > 0 then begin
    _Cost[114] :=
(((2*numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_ph
_analyze))+(((2*numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_ph_wqp);
    inc(TotEval);

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    _OM[114] := 0;
    inc(TotEval);
end;

//system_analyze_wqp_ortho_above_15_b2 row: 117
    _CalcCost[115] :=
pws_cct*(pbasepo4+pbasephpo4)*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[115] > 0 then begin
        _Cost[115] :=
(((2*numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wqp_ortho_analyze))+(((2*numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_ortho_wqp);
        inc(TotEval);
        _OM[115] := 0;
    inc(TotEval);
end;

//system_contact_wqp_above_15_bin1 row: 118
    _CalcCost[116] := (1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[116] > 0 then begin
        _Cost[116] :=
(pp_above_al_bin_one*numb_samp_customer)*((hrs_samp_above_al_op*rate_op)+cost_samp_above_al);
        inc(TotEval);
        _OM[116] := 0;
    inc(TotEval);
end;

//system_analyze_tap_ff_b1 row: 119
    _CalcCost[117] :=
(1-b_state_two)*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[117] > 0 then begin
        _Cost[117] :=
(((pp_above_al_bin_one*numb_samp_customer)*pp_lab_samp)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((pp_above_al_bin_one*numb_samp_customer)*pp_commercial_samp)*cost_commercial_lab);
        inc(TotEval);
        _OM[117] := 0;
    inc(TotEval);
end;

//state_analyze_tap_ff_b1 row: 120
    _CalcCost[118] := b_state_two*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[118] > 0 then begin
        _Cost[118] :=
(((pp_above_al_bin_one*numb_samp_customer)*pp_lab_samp)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((pp_above_al_bin_one*numb_samp_customer)*pp_commercial_samp)*cost_commercial_lab);
        inc(TotEval);
        _OM[118] := 0;
    inc(TotEval);
end;

```



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*cost_commercial_lab);
    inc(TotEval);
    _OM[118] := 0;
    inc(TotEval);
end;

//system_collect_ph_wqp_ale_no_cct_ff_b1 row: 121
_CalcCost[119] := (1-pws_cct)*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[119] > 0 then begin
    _Cost[119] :=
(numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material);
    inc(TotEval);
    _OM[119] := 0;
    inc(TotEval);
end;

//system_analyze_ph_wqp_ale_no_cct_ff_b1 row: 122
_CalcCost[120] := (1-pws_cct)*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[120] > 0 then begin
    _Cost[120] :=
((((numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_dist_op*rate_op)+cost_wqp_a
nalyze))+(((numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_wqp));
    inc(TotEval);
    _OM[120] := 0;
    inc(TotEval);
end;

//system_collect_wqp_ff_ph_b1 row: 123
_CalcCost[121] :=
pbaseph*pws_cct*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[121] > 0 then begin
    _Cost[121] :=
(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ph);
    inc(TotEval);
    _OM[121] := 0;
    inc(TotEval);
end;

//system_collect_wqp_ff_ortho_b1 row: 124
_CalcCost[122] :=
(pbasepo4+pbasephpo4)*pws_cct*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[122] > 0 then begin
    _Cost[122] :=
(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ortho);
    inc(TotEval);
    _OM[122] := 0;

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inc(TotEval);
end;

//system_analyze_wqp_ph_above_15_b1 row: 125
_CalcCost[123] :=
pws_cct*pbaseph*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[123] > 0 then begin
    _Cost[123] :=
((2*numb_wqp_sites_added*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_ph_a
nalyze))+(2*numb_wqp_sites_added*pp_commercial_samp*cost_lab_ph_wqp);
    inc(TotEval);
    _OM[123] := 0;
    inc(TotEval);
end;

//system_analyze_wqp_ortho_above_15_b1 row: 126
_CalcCost[124] :=
pws_cct*(pbasepo4+pbasephpo4)*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[124] > 0 then begin
    _Cost[124] :=
((((2*numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wq
p_ortho_analyze))+(((2*numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_ortho_wqp)
);
    inc(TotEval);
    _OM[124] := 0;
    inc(TotEval);
end;

//system_provide_pe_copy_15_b3 row: 127
_CalcCost[125] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-(p_source_chng+p_treat_change))*(1-
system_pou);
inc(TotEval);
if _CalcCost[125] > 0 then begin
    _Cost[125] := 2*(hrs_samp_notice_op*rate_op);
    inc(TotEval);
    _OM[125] := 0;
    inc(TotEval);
end;

//state_review_pe_copy_15_b3 row: 128
_CalcCost[126] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-(p_source_chng+p_treat_change))*(1-
system_pou);
inc(TotEval);
if _CalcCost[126] > 0 then begin
    _Cost[126] := 2*(hrs_samp_notice_js*rate_js);
    inc(TotEval);
end;

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    _OM[126] := 0;
    inc(TotEval);
end;

//system_provide_pe_copy_15_annual row: 129
    _CalcCost[127] :=
p_tap_annual*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[127] > 0 then begin
        _Cost[127] := (hrs_samp_notice_op*rate_op);
        inc(TotEval);
        _OM[127] := 0;
        inc(TotEval);
    end;

//state_review_pe_copy_15_annual row: 130
    _CalcCost[128] :=
p_tap_annual*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[128] > 0 then begin
        _Cost[128] := (hrs_samp_notice_js*rate_js);
        inc(TotEval);
        _OM[128] := 0;
        inc(TotEval);
    end;

//system_provide_pe_copy_15_triennial row: 131
    _CalcCost[129] :=
p_tap_triennial*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[129] > 0 then begin
        _Cost[129] := (hrs_samp_notice_op*rate_op);
        inc(TotEval);
        _OM[129] := 0;
        inc(TotEval);
    end;

//state_review_pe_copy_15_triennial row: 132
    _CalcCost[130] :=
p_tap_triennial*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[130] > 0 then begin
        _Cost[130] := (hrs_samp_notice_js*rate_js);
        inc(TotEval);
        _OM[130] := 0;
        inc(TotEval);
    end;

//system_provide_pe_copy_15_b2 row: 133
    _CalcCost[131] := (1-(p_source_chng+p_treat_change))*(1-system_pou);

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inc(TotEval);
if _CalcCost[131] > 0 then begin
    _Cost[131] := (hrs_samp_notice_op*rate_op);
    inc(TotEval);
    _OM[131] := 0;
inc(TotEval);
end;

//state_review_pe_copy_15_b2 row: 134
_CalcCost[132] := (1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[132] > 0 then begin
    _Cost[132] := (hrs_samp_notice_js*rate_js);
    inc(TotEval);
    _OM[132] := 0;
inc(TotEval);
end;

//system_provide_pe_copy_15 row: 135
_CalcCost[133] := (1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[133] > 0 then begin
    _Cost[133] := 2*(hrs_samp_notice_op*rate_op);
    inc(TotEval);
    _OM[133] := 0;
inc(TotEval);
end;

//state_review_pe_copy_15 row: 136
_CalcCost[134] := (1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[134] > 0 then begin
    _Cost[134] := 2*(hrs_samp_notice_js*rate_js);
    inc(TotEval);
    _OM[134] := 0;
inc(TotEval);
end;

//system_investig_findfix_12 row: 137
_CalcCost[135] := (1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[135] > 0 then begin
    _Cost[135] := (hrs_deter_dssa_op*rate_op);
    inc(TotEval);
    _OM[135] := 0;
inc(TotEval);
end;

//system_report_findfix_12 row: 138
_CalcCost[136] := (1-(p_source_chng+p_treat_change))*(1-system_pou);

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inc(TotEval);
if _CalcCost[136] > 0 then begin
    _Cost[136] := (hrs_report_dssa_op*rate_op);
    inc(TotEval);
    _OM[136] := 0;
inc(TotEval);
end;

//state_review_findfix_12 row: 139
_CalcCost[137] := (1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[137] > 0 then begin
    _Cost[137] := (hrs_report_dssa_js*rate_js);
    inc(TotEval);
    _OM[137] := 0;
inc(TotEval);
end;

//system_consult_findfix_12 row: 140
_CalcCost[138] := (1-(p_source_chng+p_treat_change))*pws_cct*(1-system_pou);
inc(TotEval);
if _CalcCost[138] > 0 then begin
    _Cost[138] := (hrs_consult_dssa_op*rate_op);
    inc(TotEval);
    _OM[138] := 0;
inc(TotEval);
end;

//state_consult_findfix_12 row: 141
_CalcCost[139] := (1-(p_source_chng+p_treat_change))*pws_cct*(1-system_pou);
inc(TotEval);
if _CalcCost[139] > 0 then begin
    _Cost[139] := (hrs_consult_dssa_js*rate_js);
    inc(TotEval);
    _OM[139] := 0;
inc(TotEval);
end;

//system_investig_findfix_3 row: 142
_CalcCost[140] :=
(1-(p_tap_triennial+p_tap_nine))*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[140] > 0 then begin
    _Cost[140] := (hrs_deter_dssa_op*rate_op);
    inc(TotEval);
    _OM[140] := 0;
inc(TotEval);
end;

//system_report_findfix_3 row: 143

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    _CalcCost[141] :=
(1-(p_tap_triennial+p_tap_nine))*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[141] > 0 then begin
        _Cost[141] := (hrs_report_dssa_op*rate_op);
        inc(TotEval);
        _OM[141] := 0;
    inc(TotEval);
    end;

    //state_review_findfix_3 row: 144
    _CalcCost[142] :=
(1-(p_tap_triennial+p_tap_nine))*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[142] > 0 then begin
        _Cost[142] := (hrs_report_dssa_js*rate_js);
        inc(TotEval);
        _OM[142] := 0;
    inc(TotEval);
    end;

    //system_consult_findfix_3 row: 145
    _CalcCost[143] :=
(1-(p_tap_triennial+p_tap_nine))*(1-(p_source_chng+p_treat_change))*pws_cct*(1-syste
m_pou);
    inc(TotEval);
    if _CalcCost[143] > 0 then begin
        _Cost[143] := (hrs_consult_dssa_op*rate_op);
        inc(TotEval);
        _OM[143] := 0;
    inc(TotEval);
    end;

    //state_consult_findfix_3 row: 146
    _CalcCost[144] :=
(1-(p_tap_triennial+p_tap_nine))*(1-(p_source_chng+p_treat_change))*pws_cct*(1-syste
m_pou);
    inc(TotEval);
    if _CalcCost[144] > 0 then begin
        _Cost[144] := (hrs_consult_dssa_js*rate_js);
        inc(TotEval);
        _OM[144] := 0;
    inc(TotEval);
    end;

    //system_investig_findfix_triennial row: 147
    _CalcCost[145] :=
p_tap_triennial*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[145] > 0 then begin

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        _Cost[145] := (hrs_deter_dssa_op*rate_op);
        inc(TotEval);
        _OM[145] := 0;
        inc(TotEval);
    end;

    //system_report_findfix_triennial row: 148
    _CalcCost[146] :=
p_tap_triennial*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[146] > 0 then begin
        _Cost[146] := (hrs_report_dssa_op*rate_op);
        inc(TotEval);
        _OM[146] := 0;
        inc(TotEval);
    end;

    //state_review_findfix_triennial row: 149
    _CalcCost[147] :=
p_tap_triennial*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[147] > 0 then begin
        _Cost[147] := (hrs_report_dssa_js*rate_js);
        inc(TotEval);
        _OM[147] := 0;
        inc(TotEval);
    end;

    //system_consult_findfix_triennial row: 150
    _CalcCost[148] :=
p_tap_triennial*(1-(p_source_chng+p_treat_change))*pws_cct*(1-system_pou);
    inc(TotEval);
    if _CalcCost[148] > 0 then begin
        _Cost[148] := (hrs_consult_dssa_op*rate_op);
        inc(TotEval);
        _OM[148] := 0;
        inc(TotEval);
    end;

    //state_consult_findfix_triennial row: 151
    _CalcCost[149] :=
p_tap_triennial*(1-(p_source_chng+p_treat_change))*pws_cct*(1-system_pou);
    inc(TotEval);
    if _CalcCost[149] > 0 then begin
        _Cost[149] := (hrs_consult_dssa_js*rate_js);
        inc(TotEval);
        _OM[149] := 0;
        inc(TotEval);
    end;

```

```

//system_collect_wqp_above_15_source_b3 row: 152
_CalcCost[150] := (p_source_chng*p_source_sig)+p_treat_change*(1-system_pou);
inc(TotEval);
if _CalcCost[150] > 0 then begin
    _Cost[150] :=
(pp_above_al_bin_three*(2*numb_samp_customer))*((hrs_samp_above_al_op*rate_op)+cost_
samp_above_al);
    inc(TotEval);
    _OM[150] := 0;
    inc(TotEval);
end;

//system_analyze_tap_ff_source_b3 row: 153
_CalcCost[151] :=
(1-b_state_two)*((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[151] > 0 then begin
    _Cost[151] :=
(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*
rate_op)+cost_lab_lt_samp))+(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_comm
ercial_samp)*cost_commercial_lab);
    inc(TotEval);
    _OM[151] := 0;
    inc(TotEval);
end;

//state_analyze_tap_ff_source_b3 row: 154
_CalcCost[152] :=
b_state_two*((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[152] > 0 then begin
    _Cost[152] :=
(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*
rate_op)+cost_lab_lt_samp))+(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_comm
ercial_samp)*cost_commercial_lab);
    inc(TotEval);
    _OM[152] := 0;
    inc(TotEval);
end;

//system_provide_pe_copy_15_sourceb3 row: 155
_CalcCost[153] := ((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[153] > 0 then begin
    _Cost[153] := 2*(hrs_samp_notice_op*rate_op);
    inc(TotEval);
    _OM[153] := 0;
    inc(TotEval);
end;

```



```

//state_review_pe_copy_15_source_b3 row: 156
_CalcCost[154] := ((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[154] > 0 then begin
    _Cost[154] := 2*(hrs_samp_notice_js*rate_js);
    inc(TotEval);
    _OM[154] := 0;
inc(TotEval);
end;

//system_collect_wqp_above_15_source_b2 row: 157
_CalcCost[155] := (p_source_chng*p_source_sig)+p_treat_change*(1-system_pou);
inc(TotEval);
if _CalcCost[155] > 0 then begin
    _Cost[155] :=
(pp_above_al_bin_two*(2*numb_samp_customer))*((hrs_samp_above_al_op*rate_op)+cost_samp_above_al);
    inc(TotEval);
    _OM[155] := 0;
inc(TotEval);
end;

//system_analyze_tap_ff_source_b2 row: 158
_CalcCost[156] :=
(1-b_state_two)*((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[156] > 0 then begin
    _Cost[156] :=
(((pp_above_al_bin_two*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((pp_above_al_bin_two*(2*numb_samp_customer))*pp_commercial_samp)*cost_commercial_lab);
    inc(TotEval);
    _OM[156] := 0;
inc(TotEval);
end;

//state_analyze_tap_ff_source_b2 row: 159
_CalcCost[157] :=
b_state_two*((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[157] > 0 then begin
    _Cost[157] :=
(((pp_above_al_bin_two*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((pp_above_al_bin_two*(2*numb_samp_customer))*pp_commercial_samp)*cost_commercial_lab);
    inc(TotEval);
    _OM[157] := 0;
inc(TotEval);
end;

```

```

//system_provide_pe_copy_15_source_b2 row: 160
_CalcCost[158] := ((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[158] > 0 then begin
    _Cost[158] := (hrs_samp_notice_op*rate_op);
    inc(TotEval);
    _OM[158] := 0;
inc(TotEval);
end;

//state_review_pe_copy_15_source_b2 row: 161
_CalcCost[159] := ((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[159] > 0 then begin
    _Cost[159] := (hrs_samp_notice_js*rate_js);
    inc(TotEval);
    _OM[159] := 0;
inc(TotEval);
end;

//system_collect_wqp_above_15_source row: 162
_CalcCost[160] := (p_source_chng*p_source_sig)+p_treat_change*(1-system_pou);
inc(TotEval);
if _CalcCost[160] > 0 then begin
    _Cost[160] :=
(pp_above_al_bin_one*(2*numb_samp_customer))*((hrs_samp_above_al_op*rate_op)+cost_samp_above_al);
    inc(TotEval);
    _OM[160] := 0;
inc(TotEval);
end;

//system_analyze_tap_ff_source row: 163
_CalcCost[161] :=
(1-b_state_two)*((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[161] > 0 then begin
    _Cost[161] :=
(((pp_above_al_bin_one*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((pp_above_al_bin_one*(2*numb_samp_customer))*pp_commercial_samp)*cost_commercial_lab);
    inc(TotEval);
    _OM[161] := 0;
inc(TotEval);
end;

//state_analyze_tap_ff_source row: 164
_CalcCost[162] :=
b_state_two*(p_source_chng*p_source_sig)+p_treat_change*(1-system_pou);
inc(TotEval);

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```

    if _CalcCost[162] > 0 then begin
        _Cost[162] :=
(((pp_above_al_bin_one*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*ra
te_op)+cost_lab_lt_samp))+(((pp_above_al_bin_one*(2*numb_samp_customer))*pp_commerci
al_samp)*cost_commercial_lab);
        inc(TotEval);
        _OM[162] := 0;
        inc(TotEval);
    end;

//system_provide_pe_copy_15_source row: 165
_CalcCost[163] := ((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[163] > 0 then begin
    _Cost[163] := 2*(hrs_samp_notice_op*rate_op);
    inc(TotEval);
    _OM[163] := 0;
    inc(TotEval);
end;

//state_review_pe_copy_15_source row: 166
_CalcCost[164] := ((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[164] > 0 then begin
    _Cost[164] := 2*(hrs_samp_notice_js*rate_js);
    inc(TotEval);
    _OM[164] := 0;
    inc(TotEval);
end;

//system_collect_ph_wqp_ale_no_cct_ff_source row: 167
_CalcCost[165] :=
(1-pws_cct)*((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[165] > 0 then begin
    _Cost[165] :=
(numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material);
    inc(TotEval);
    _OM[165] := 0;
    inc(TotEval);
end;

//system_analyze_ph_wqp_ale_no_cct_ff_source row: 168
_CalcCost[166] :=
(1-pws_cct)*((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[166] > 0 then begin
    _Cost[166] :=
((((numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_dist_op*rate_op)+cost_wqp_a
nalyze))+(((numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_wqp));

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```

        inc(TotEval);
        _OM[166] := 0;
    inc(TotEval);
end;

//system_collect_wqp_ff_ph_source row: 169
    _CalcCost[167] :=
pbaseph*pws_cct*((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
    inc(TotEval);
    if _CalcCost[167] > 0 then begin
        _Cost[167] :=
(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ph);
        inc(TotEval);
        _OM[167] := 0;
    inc(TotEval);
end;

//system_collect_wqp_ff_ortho_source row: 170
    _CalcCost[168] :=
(pbasepo4+pbasephpo4)*pws_cct*((p_source_chng*p_source_sig)+p_treat_change)*(1-syste
m_pou);
    inc(TotEval);
    if _CalcCost[168] > 0 then begin
        _Cost[168] :=
(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ortho);
        inc(TotEval);
        _OM[168] := 0;
    inc(TotEval);
end;

//system_analyze_wqp_above_15_ph_source row: 171
    _CalcCost[169] :=
pws_cct*pbaseph*((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
    inc(TotEval);
    if _CalcCost[169] > 0 then begin
        _Cost[169] :=
((2*numb_wqp_sites_added*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_ph_a
nalyze))+(2*numb_wqp_sites_added*pp_commercial_samp*cost_lab_ph_wqp);
        inc(TotEval);
        _OM[169] := 0;
    inc(TotEval);
end;

//system_analyze_wqp_above_15_ortho_source row: 172
    _CalcCost[170] :=
pws_cct*(pbasepo4+pbasephpo4)*((p_source_chng*p_source_sig)+p_treat_change)*(1-syste
m_pou);
    inc(TotEval);
    if _CalcCost[170] > 0 then begin
        _Cost[170] :=

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((((2*numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wq
p_ortho_analyze))+(((2*numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_ortho_wqp)
);
    inc(TotEval);
    _OM[170] := 0;
inc(TotEval);
end;

//system_investig_findfix_source row: 173
_CalcCost[171] := ((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[171] > 0 then begin
    _Cost[171] := (hrs_deter_dssa_op*rate_op);
    inc(TotEval);
    _OM[171] := 0;
inc(TotEval);
end;

//system_report_findfix_source row: 174
_CalcCost[172] := ((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[172] > 0 then begin
    _Cost[172] := (hrs_report_dssa_op*rate_op);
    inc(TotEval);
    _OM[172] := 0;
inc(TotEval);
end;

//state_review_findfix_source row: 175
_CalcCost[173] := ((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[173] > 0 then begin
    _Cost[173] := (hrs_report_dssa_js*rate_js);
    inc(TotEval);
    _OM[173] := 0;
inc(TotEval);
end;

//system_consult_findfix_source row: 176
_CalcCost[174] :=
((p_source_chng*p_source_sig)+p_treat_change)*pws_cct*(1-system_pou);
inc(TotEval);
if _CalcCost[174] > 0 then begin
    _Cost[174] := (hrs_consult_dssa_op*rate_op);
    inc(TotEval);
    _OM[174] := 0;
inc(TotEval);
end;

//state_consult_findfix_source row: 177

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    _CalcCost[175] :=
((p_source_chng*p_source_sig)+p_treat_change)*pws_cct*(1-system_pou);
    inc(TotEval);
    if _CalcCost[175] > 0 then begin
        _Cost[175] := (hrs_consult_dssa_js*rate_js);
        inc(TotEval);
        _OM[175] := 0;
    inc(TotEval);
    end;

//system_findfix row: 178
    _CalcCost[176] := b_dssa;
    inc(TotEval);
    if _CalcCost[176] > 0 then begin
        _Cost[176] := cct_dssa_cost;
        inc(TotEval);
        _OM[176] := 0;
    inc(TotEval);
    end;

//system_initial_inv row: 179
    _CalcCost[177] := (1-p_inventory)*0;
    inc(TotEval);
    if _CalcCost[177] > 0 then begin
        _Cost[177] := hrs_report_updated_initial_inv_op*rate_op;
        inc(TotEval);
        _OM[177] := 0;
    inc(TotEval);
    end;

//state_initial_inv row: 180
    _CalcCost[178] := (1-p_inventory)*0;
    inc(TotEval);
    if _CalcCost[178] > 0 then begin
        _Cost[178] := hrs_updated_initial_inv_rev_js*rate_js;
        inc(TotEval);
        _OM[178] := 0;
    inc(TotEval);
    end;

//system_demons_nolsl row: 181
    _CalcCost[179] := (1-pws_lsl)*(1-p_inventory)*0;
    inc(TotEval);
    if _CalcCost[179] > 0 then begin
        _Cost[179] := (hrs_nolsl_op*rate_op);
        inc(TotEval);
        _OM[179] := 0;
    inc(TotEval);
    end;

```

```

//state_review_nolsl row: 182
_CalcCost[180] := (1-pws_lsl)*(1-p_inventory)*0;
inc(TotEval);
if _CalcCost[180] > 0 then begin
    _Cost[180] := (hrs_rev_nolsl_js*rate_js);
    inc(TotEval);
    _OM[180] := 0;
inc(TotEval);
end;

```

```

//system_inventory_update row: 183
_Cost[181] := num_unknown_resolved*cost_update;
inc(TotEval);
_OM[181] := 0;
inc(TotEval);

```

```

//system_inventory_update_report row: 184
_CalcCost[182] := pws_lsl;
inc(TotEval);
if _CalcCost[182] > 0 then begin
    _Cost[182] := (hrs_report_inv_op*rate_op);
    inc(TotEval);
    _OM[182] := 0;
inc(TotEval);
end;

```

```

//state_inventory_update row: 185
_CalcCost[183] := pws_lsl;
inc(TotEval);
if _CalcCost[183] > 0 then begin
    _Cost[183] := (hrs_inv_update_rev_js*rate_js);
    inc(TotEval);
    _OM[183] := 0;
inc(TotEval);
end;

```

```

//system_goal_lslr row: 186
_CalcCost[184] := pws_lsl;
inc(TotEval);
if _CalcCost[184] > 0 then begin
    _Cost[184] := (hrs_lslr_plan_op*rate_op);
    inc(TotEval);
    _OM[184] := 0;
inc(TotEval);
end;

```

```

//state_confer_lslr row: 187
_CalcCost[185] := pws_lsl;
inc(TotEval);
if _CalcCost[185] > 0 then begin

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    _Cost[185] := (hrs_lslr_plan_js*rate_js);
    inc(TotEval);
    _OM[185] := 0;
inc(TotEval);
end;

//state_pe_lsl_temp row: 188
_CalcCost[186] := pws_lsl;
inc(TotEval);
if _CalcCost[186] > 0 then begin
    _Cost[186] := (hrs_pe_lsl_gen_temp_js*rate_js);
    inc(TotEval);
    _OM[186] := 0;
inc(TotEval);
end;

//system_pe_lsl_devel row: 189
_CalcCost[187] := pws_lsl;
inc(TotEval);
if _CalcCost[187] > 0 then begin
    _Cost[187] := (hrs_pe_lsl_gen_develop_op*rate_op);
    inc(TotEval);
    _OM[187] := 0;
inc(TotEval);
end;

//state_pe_lsl_review row: 190
_CalcCost[188] := pws_lsl;
inc(TotEval);
if _CalcCost[188] > 0 then begin
    _Cost[188] := (hrs_pe_lsl_rev_js*rate_js);
    inc(TotEval);
    _OM[188] := 0;
inc(TotEval);
end;

//system_pe_lsl_distr row: 191
_CalcCost[189] := pws_lsl;
inc(TotEval);
if _CalcCost[189] > 0 then begin
    _Cost[189] :=
(hh_remain_lsl+hh_unknown_remain)*((hrs_pe_lsl_gen_dist_op*rate_op)+cost_pe_lsl_gen)
;
    inc(TotEval);
    _OM[189] := 0;
inc(TotEval);
end;

//system_pe_lsl_distr_ntncws row: 192
_CalcCost[190] := pws_lsl;

```



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inc(TotEval);
if _CalcCost[190] > 0 then begin
    _Cost[190] :=
((hrs_ntncws_pe_lsl_gen_dist_op*rate_op)+cost_ntncws_pe_lsl_gen);
    inc(TotEval);
    _OM[190] := 0;
inc(TotEval);
end;

//system_collect_ph_wqp_ale_cct_b32 row: 193
_CalcCost[191] := (p_wqp_cond*p_copper_ale)*pbaseph*pws_cct;
inc(TotEval);
if _CalcCost[191] > 0 then begin
    _Cost[191] :=
2*(numb_enhance_wqp*((hrs_wqp_op*rate_op)+cost_wqp_material_ph));
    inc(TotEval);
    _OM[191] := 0;
inc(TotEval);
end;

//system_analyze_ph_wqp_ale_cct_b32 row: 194
_CalcCost[192] := (p_wqp_cond*p_copper_ale)*pbaseph*pws_cct;
inc(TotEval);
if _CalcCost[192] > 0 then begin
    _Cost[192] :=
2*(((numb_enhance_wqp*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_ph_anal
yze))+((numb_enhance_wqp*pp_commercial_samp)*cost_lab_ph_wqp));
    inc(TotEval);
    _OM[192] := 0;
inc(TotEval);
end;

//system_collect_ortho_wqp_ale_cct_b32 row: 195
_CalcCost[193] := (p_wqp_cond*p_copper_ale)*(pbasepo4+pbasephpo4)*pws_cct;
inc(TotEval);
if _CalcCost[193] > 0 then begin
    _Cost[193] :=
2*(numb_enhance_wqp*((hrs_wqp_op*rate_op)+cost_wqp_material_ortho));
    inc(TotEval);
    _OM[193] := 0;
inc(TotEval);
end;

//system_analyze_ortho_wqp_ale_cct_b32 row: 196
_CalcCost[194] := (p_wqp_cond*p_copper_ale)*(pbasepo4+pbasephpo4)*pws_cct;
inc(TotEval);
if _CalcCost[194] > 0 then begin
    _Cost[194] :=
2*(((numb_enhance_wqp*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wqp_orth
o_analyze))+((numb_enhance_wqp*pp_commercial_samp)*cost_lab_ortho_wqp));

```

```

    inc(TotEval);
    _OM[194] := 0;
    inc(TotEval);
end;

//system_collect_ph_wqp_ale_no_cct_b32 row: 197
_CalcCost[195] := (p_wqp_cond*p_copper_ale)*(1-pws_cct);
inc(TotEval);
if _CalcCost[195] > 0 then begin
    _Cost[195] := 2*(numb_enhance_wqp*((hrs_wqp_op*rate_op)+cost_wqp_material));
    inc(TotEval);
    _OM[195] := 0;
    inc(TotEval);
end;

//system_analyze_ph_wqp_ale_no_cct_b32 row: 198
_CalcCost[196] := (p_wqp_cond*p_copper_ale)*(1-pws_cct);
inc(TotEval);
if _CalcCost[196] > 0 then begin
    _Cost[196] :=
2*(((numb_enhance_wqp*pp_lab_samp)*((hrs_wqp_analyze_dist_op*rate_op)+cost_wqp_analy
ze))+((numb_enhance_wqp*pp_commercial_samp)*cost_lab_wqp));
    inc(TotEval);
    _OM[196] := 0;
    inc(TotEval);
end;

//system_collect_wqp_ep_ale_no_cct_b32 row: 199
_CalcCost[197] := (1-pws_cct)*(p_wqp_cond*p_copper_ale);
inc(TotEval);
if _CalcCost[197] > 0 then begin
    _Cost[197] :=
2*(((numb_ep_wqp*numb_ep)*((hrs_ep_wqp_op*rate_op)+cost_ep_wqp_material));
    inc(TotEval);
    _OM[197] := 0;
    inc(TotEval);
end;

//system_analyze_wqp_ep_ale_no_cct_b32 row: 200
_CalcCost[198] := (1-pws_cct)*(p_wqp_cond*p_copper_ale);
inc(TotEval);
if _CalcCost[198] > 0 then begin
    _Cost[198] :=
2*(((numb_ep*numb_ep_wqp)*pp_lab_samp)*((hrs_wqp_analyze_ep_op*rate_op)+cost_wqp_an
alyze_ep))+(((numb_ep*numb_ep_wqp)*pp_commercial_samp)*cost_lab_wqp_ep));
    inc(TotEval);
    _OM[198] := 0;
    inc(TotEval);
end;

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```

//system_report_ep_wqp_ale_no_cct_b32 row: 201
_CalcCost[199] := (1-pws_cct)*(p_wqp_cond*p_copper_ale);
inc(TotEval);
if _CalcCost[199] > 0 then begin
    _Cost[199] := 2*(hrs_report_wqp_op*rate_op);
    inc(TotEval);
    _OM[199] := 0;
inc(TotEval);
end;

//state_review_wqp_ep_ale_no_cct_b32 row: 202
_CalcCost[200] := (1-pws_cct)*(p_wqp_cond*p_copper_ale);
inc(TotEval);
if _CalcCost[200] > 0 then begin
    _Cost[200] := 2*(hrs_wqp_js*rate_js);
    inc(TotEval);
    _OM[200] := 0;
inc(TotEval);
end;

//system_collect_wqp_ep_ale_w_cct_b32_ph row: 203
_CalcCost[201] := (p_wqp_cond*p_copper_ale)*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[201] > 0 then begin
    _Cost[201] :=
26*((numb_ep*numb_ep_wqp)*((hrs_ep_wqp_op*rate_op)+cost_ep_wqp_ph_material));
    inc(TotEval);
    _OM[201] := 0;
inc(TotEval);
end;

//system_analyze_wqp_ep_ale_w_cct_b32_ph row: 204
_CalcCost[202] := (p_wqp_cond*p_copper_ale)*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[202] > 0 then begin
    _Cost[202] :=
26*(((numb_ep*numb_ep_wqp)*pp_lab_samp)*((hrs_wqp_analyze_ph_ep_op*rate_op)+cost_wq
p_analyze_ph_ep))+((numb_ep*numb_ep_wqp)*pp_commercial_samp)*cost_lab_wqp_ph_ep));
    inc(TotEval);
    _OM[202] := 0;
inc(TotEval);
end;

//system_report_ep_wqp_ale_w_cct_b32_ph row: 205
_CalcCost[203] := (p_wqp_cond*p_copper_ale)*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[203] > 0 then begin
    _Cost[203] := 2*(hrs_report_wqp_op*rate_op);
    inc(TotEval);
    _OM[203] := 0;

```

```

inc(TotEval);
end;

//state_review_wqp_ep_ale_w_cct_b32_ph row: 206
_CalcCost[204] := (p_wqp_cond*p_copper_ale)*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[204] > 0 then begin
    _Cost[204] := 2*(hrs_wqp_js*rate_js);
    inc(TotEval);
    _OM[204] := 0;
inc(TotEval);
end;

//system_collect_wqp_ale_ep_w_cct_b32_ortho row: 207
_CalcCost[205] := (p_wqp_cond*p_copper_ale)*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[205] > 0 then begin
    _Cost[205] :=
26*((numb_ep*numb_ep_wqp)*((hrs_ep_wqp_op*rate_op)+cost_ep_wqp_ortho_material));
    inc(TotEval);
    _OM[205] := 0;
inc(TotEval);
end;

//system_analyze_wqp_ep_ale_w_cct_b32_ortho row: 208
_CalcCost[206] := (p_wqp_cond*p_copper_ale)*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[206] > 0 then begin
    _Cost[206] :=
26*(((numb_ep*numb_ep_wqp)*pp_lab_samp)*((hrs_wqp_analyze_ortho_ep_op*rate_op)+cost
_wqp_analyze_ortho_ep))+(((numb_ep*numb_ep_wqp)*pp_commercial_samp)*cost_lab_wqp_ort
ho_ep));
    inc(TotEval);
    _OM[206] := 0;
inc(TotEval);
end;

//system_report_ep_wqp_ale_w_cct_b32_ortho row: 209
_CalcCost[207] := (p_wqp_cond*p_copper_ale)*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[207] > 0 then begin
    _Cost[207] := 2*(hrs_report_wqp_op*rate_op);
    inc(TotEval);
    _OM[207] := 0;
inc(TotEval);
end;

//state_review_wqp_ep_ale_w_cct_b32_ortho row: 210
_CalcCost[208] := (p_wqp_cond*p_copper_ale)*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);

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if _CalcCost[208] > 0 then begin
    _Cost[208] := 2*(hrs_wqp_js*rate_js);
    inc(TotEval);
    _OM[208] := 0;
inc(TotEval);
end;

//system_collect_ph_wqp_cct_ale_b1 row: 211
_CalcCost[209] := p_wqp_cond*pbaseph*pws_cct;
inc(TotEval);
if _CalcCost[209] > 0 then begin
    _Cost[209] :=
2*(numb_enhance_wqp*((hrs_wqp_op*rate_op)+cost_wqp_material_ph));
    inc(TotEval);
    _OM[209] := 0;
inc(TotEval);
end;

//system_analyze_ph_wqp_cct_ale_b1 row: 212
_CalcCost[210] := p_wqp_cond*pbaseph*pws_cct;
inc(TotEval);
if _CalcCost[210] > 0 then begin
    _Cost[210] :=
2*(((numb_enhance_wqp*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_ph_anal
yze))+((numb_enhance_wqp*pp_commercial_samp)*cost_lab_ph_wqp));
    inc(TotEval);
    _OM[210] := 0;
inc(TotEval);
end;

//system_collect_ortho_wqp_ale_b1 row: 213
_CalcCost[211] := p_wqp_cond*(pbasepo4+pbasephpo4)*pws_cct;
inc(TotEval);
if _CalcCost[211] > 0 then begin
    _Cost[211] :=
2*(numb_enhance_wqp*((hrs_wqp_op*rate_op)+cost_wqp_material_ortho));
    inc(TotEval);
    _OM[211] := 0;
inc(TotEval);
end;

//system_analyze_ortho_wqp_ale_b1 row: 214
_CalcCost[212] := p_wqp_cond*(pbasepo4+pbasephpo4)*pws_cct;
inc(TotEval);
if _CalcCost[212] > 0 then begin
    _Cost[212] :=
2*(((numb_enhance_wqp*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wqp_orth
o_analyze))+((numb_enhance_wqp*pp_commercial_samp)*cost_lab_ortho_wqp));
    inc(TotEval);
    _OM[212] := 0;

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inc(TotEval);
end;

//system_collect_ph_wqp_no_cct_ale_b1 row: 215
_CalcCost[213] := p_wqp_cond*(1-pws_cct);
inc(TotEval);
if _CalcCost[213] > 0 then begin
    _Cost[213] := 2*(numb_enhance_wqp*((hrs_wqp_op*rate_op)+cost_wqp_material));
    inc(TotEval);
    _OM[213] := 0;
inc(TotEval);
end;

//system_analyze_ph_wqp_no_cct_ale_b1 row: 216
_CalcCost[214] := p_wqp_cond*(1-pws_cct);
inc(TotEval);
if _CalcCost[214] > 0 then begin
    _Cost[214] :=
2*(((numb_enhance_wqp*pp_lab_samp)*((hrs_wqp_analyze_dist_op*rate_op)+cost_wqp_analy
ze))+((numb_enhance_wqp*pp_commercial_samp)*cost_lab_wqp));
    inc(TotEval);
    _OM[214] := 0;
inc(TotEval);
end;

//system_collect_ph_ff_cct_ale_b1 row: 217
_CalcCost[215] := p_wqp_cond*pbaseph*pws_cct;
inc(TotEval);
if _CalcCost[215] > 0 then begin
    _Cost[215] :=
2*((2*numb_wqp_sites_added_prev)*((hrs_wqp_op*rate_op)+cost_wqp_material_ph));
    inc(TotEval);
    _OM[215] := 0;
inc(TotEval);
end;

//system_analyze_ph_ff_cct_ale_b1 row: 218
_CalcCost[216] := p_wqp_cond*pbaseph*pws_cct;
inc(TotEval);
if _CalcCost[216] > 0 then begin
    _Cost[216] :=
2*(((2*numb_wqp_sites_added_prev)*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cos
t_wqp_ph_analyze))+(((2*numb_wqp_sites_added_prev)*pp_commercial_samp)*cost_lab_ph_w
qp));
    inc(TotEval);
    _OM[216] := 0;
inc(TotEval);
end;

//system_collect_ortho_ff_ale_b1 row: 219

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    _CalcCost[217] := p_wqp_cond*(pbasepo4+pbasephpo4)*pws_cct;
    inc(TotEval);
    if _CalcCost[217] > 0 then begin
        _Cost[217] :=
2*((2*numb_wqp_sites_added_prev)*((hrs_wqp_op*rate_op)+cost_wqp_material_ortho));
        inc(TotEval);
        _OM[217] := 0;
        inc(TotEval);
    end;

    //system_analyze_ortho_ff_ale_b1 row: 220
    _CalcCost[218] := p_wqp_cond*(pbasepo4+pbasephpo4)*pws_cct;
    inc(TotEval);
    if _CalcCost[218] > 0 then begin
        _Cost[218] :=
2*(((2*numb_wqp_sites_added_prev)*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+
cost_wqp_ortho_analyze))+(((2*numb_wqp_sites_added_prev)*pp_commercial_samp)*cost_la
b_ortho_wqp));
        inc(TotEval);
        _OM[218] := 0;
        inc(TotEval);
    end;

    //system_collect_wqp_ep_no_cct_b1 row: 221
    _CalcCost[219] := (1-pws_cct)*p_wqp_cond;
    inc(TotEval);
    if _CalcCost[219] > 0 then begin
        _Cost[219] :=
2*((numb_ep_wqp*numb_ep)*((hrs_ep_wqp_op*rate_op)+cost_ep_wqp_material));
        inc(TotEval);
        _OM[219] := 0;
        inc(TotEval);
    end;

    //system_analyze_wqp_ep_no_cct_b1 row: 222
    _CalcCost[220] := (1-pws_cct)*p_wqp_cond;
    inc(TotEval);
    if _CalcCost[220] > 0 then begin
        _Cost[220] :=
2*(((numb_ep*numb_ep_wqp)*pp_lab_samp)*((hrs_wqp_analyze_ep_op*rate_op)+cost_wqp_an
alyze_ep))+(((numb_ep*numb_ep_wqp)*pp_commercial_samp)*cost_lab_wqp_ep));
        inc(TotEval);
        _OM[220] := 0;
        inc(TotEval);
    end;

    //system_report_ep_wqp_no_cct_b1 row: 223
    _CalcCost[221] := (1-pws_cct)*p_wqp_cond;
    inc(TotEval);
    if _CalcCost[221] > 0 then begin

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    _Cost[221] := 2*(hrs_report_wqp_op*rate_op);
    inc(TotEval);
    _OM[221] := 0;
inc(TotEval);
end;

//state_review_wqp_ep_no_cct_b1 row: 224
_CalcCost[222] := (1-pws_cct)*p_wqp_cond;
inc(TotEval);
if _CalcCost[222] > 0 then begin
    _Cost[222] := 2*(hrs_wqp_js*rate_js);
    inc(TotEval);
    _OM[222] := 0;
inc(TotEval);
end;

//system_collect_wqp_ep_w_cct_b1_ph row: 225
_CalcCost[223] := p_wqp_cond*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[223] > 0 then begin
    _Cost[223] :=
26*((numb_ep*numb_ep_wqp)*((hrs_ep_wqp_op*rate_op)+cost_ep_wqp_ph_material));
    inc(TotEval);
    _OM[223] := 0;
inc(TotEval);
end;

//system_analyze_wqp_ep_w_cct_b1_ph row: 226
_CalcCost[224] := p_wqp_cond*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[224] > 0 then begin
    _Cost[224] :=
26*(((numb_ep*numb_ep_wqp)*pp_lab_samp)*((hrs_wqp_analyze_ph_ep_op*rate_op)+cost_wq
p_analyze_ph_ep))+(((numb_ep*numb_ep_wqp)*pp_commercial_samp)*cost_lab_wqp_ph_ep));
    inc(TotEval);
    _OM[224] := 0;
inc(TotEval);
end;

//system_report_ep_wqp_w_cct_b1_ph row: 227
_CalcCost[225] := p_wqp_cond*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[225] > 0 then begin
    _Cost[225] := 2*(hrs_report_wqp_op*rate_op);
    inc(TotEval);
    _OM[225] := 0;
inc(TotEval);
end;

//state_review_wqp_ep_w_cct_b1_ph row: 228

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_CalcCost[226] := p_wqp_cond*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[226] > 0 then begin
    _Cost[226] := 2*(hrs_wqp_js*rate_js);
    inc(TotEval);
    _OM[226] := 0;
inc(TotEval);
end;

//system_collect_wqp_ep_w_cct_b1_ortho row: 229
_CalcCost[227] := p_wqp_cond*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[227] > 0 then begin
    _Cost[227] :=
26*((numb_ep*numb_ep_wqp)*((hrs_ep_wqp_op*rate_op)+cost_ep_wqp_ortho_material));
    inc(TotEval);
    _OM[227] := 0;
inc(TotEval);
end;

//system_analyze_wqp_ep_w_cct_b1_ortho row: 230
_CalcCost[228] := p_wqp_cond*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[228] > 0 then begin
    _Cost[228] :=
26*(((numb_ep*numb_ep_wqp)*pp_lab_samp)*((hrs_wqp_analyze_ortho_ep_op*rate_op)+cost
_wqp_analyze_ortho_ep))+(((numb_ep*numb_ep_wqp)*pp_commercial_samp)*cost_lab_wqp_ort
ho_ep));
    inc(TotEval);
    _OM[228] := 0;
inc(TotEval);
end;

//system_report_ep_wqp_w_cct_b1_ortho row: 231
_CalcCost[229] := p_wqp_cond*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[229] > 0 then begin
    _Cost[229] := 2*(hrs_report_wqp_op*rate_op);
    inc(TotEval);
    _OM[229] := 0;
inc(TotEval);
end;

//state_review_wqp_ep_w_cct_b1_ortho row: 232
_CalcCost[230] := p_wqp_cond*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[230] > 0 then begin
    _Cost[230] := 2*(hrs_wqp_js*rate_js);
    inc(TotEval);
    _OM[230] := 0;

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inc(TotEval);
end;

//system_collect_ph_wqp_b32 row: 233
_CalcCost[231] :=
(pws_cct*p_wqp_all*(1-(p_wqp_annual+p_wqp_triennial+p_wqp_six_red)))*pbaseph;
inc(TotEval);
if _CalcCost[231] > 0 then begin
_Cost[231] :=
2*(numb_enhance_wqp*((hrs_wqp_op*rate_op)+cost_wqp_material_ph));
inc(TotEval);
_OM[231] := 0;
inc(TotEval);
end;

//system_analyze_ph_wqp_b32 row: 234
_CalcCost[232] :=
(pws_cct*p_wqp_all*(1-(p_wqp_annual+p_wqp_triennial+p_wqp_six_red)))*pbaseph;
inc(TotEval);
if _CalcCost[232] > 0 then begin
_Cost[232] :=
2*(((numb_enhance_wqp*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_ph_anal
yze))+((numb_enhance_wqp*pp_commercial_samp)*cost_lab_ph_wqp));
inc(TotEval);
_OM[232] := 0;
inc(TotEval);
end;

//system_collect_ortho_wqp_b32 row: 235
_CalcCost[233] :=
(pws_cct*p_wqp_all*(1-(p_wqp_annual+p_wqp_triennial+p_wqp_six_red)))*(pbasepo4+pbase
phpo4);
inc(TotEval);
if _CalcCost[233] > 0 then begin
_Cost[233] :=
2*(numb_enhance_wqp*((hrs_wqp_op*rate_op)+cost_wqp_material_ortho));
inc(TotEval);
_OM[233] := 0;
inc(TotEval);
end;

//system_analyze_ortho_wqp_b32 row: 236
_CalcCost[234] :=
(pws_cct*p_wqp_all*(1-(p_wqp_annual+p_wqp_triennial+p_wqp_six_red)))*(pbasepo4+pbase
phpo4);
inc(TotEval);
if _CalcCost[234] > 0 then begin
_Cost[234] :=
2*(((numb_enhance_wqp*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wqp_orth
o_analyze))+((numb_enhance_wqp*pp_commercial_samp)*cost_lab_ortho_wqp));

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        inc(TotEval);
        _OM[234] := 0;
    inc(TotEval);
end;

//system_collect_wqp_annual_ph row: 237
_CalcCost[235] := (p_wqp_annual+p_wqp_triennial)*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[235] > 0 then begin
    _Cost[235] := (numb_reduced_wqp*((hrs_wqp_op*rate_op)+cost_wqp_material_ph));
    inc(TotEval);
    _OM[235] := 0;
inc(TotEval);
end;

//system_analyze_wqp_annual_ph row: 238
_CalcCost[236] := (p_wqp_annual+p_wqp_triennial)*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[236] > 0 then begin
    _Cost[236] :=
(((numb_reduced_wqp*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_ph_analyz
e))+((numb_reduced_wqp*pp_commercial_samp)*cost_lab_ph_wqp));
    inc(TotEval);
    _OM[236] := 0;
inc(TotEval);
end;

//system_collect_wqp_reduced_ph row: 239
_CalcCost[237] := p_wqp_six_red*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[237] > 0 then begin
    _Cost[237] :=
2*(numb_reduced_wqp*((hrs_wqp_op*rate_op)+cost_wqp_material_ph));
    inc(TotEval);
    _OM[237] := 0;
inc(TotEval);
end;

//system_analyze_wqp_reduced_ph row: 240
_CalcCost[238] := p_wqp_six_red*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[238] > 0 then begin
    _Cost[238] :=
2*(((numb_reduced_wqp*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_ph_anal
yze))+((numb_reduced_wqp*pp_commercial_samp)*cost_lab_ph_wqp));
    inc(TotEval);
    _OM[238] := 0;
inc(TotEval);
end;

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//system_collect_wqp_annual_ortho row: 241
_CalcCost[239] := (p_wqp_annual+p_wqp_triennial)*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[239] > 0 then begin
    _Cost[239] :=
(numb_reduced_wqp*((hrs_wqp_op*rate_op)+cost_wqp_material_ortho));
    inc(TotEval);
    _OM[239] := 0;
inc(TotEval);
end;

//system_analyze_wqp_annual_ortho row: 242
_CalcCost[240] := (p_wqp_annual+p_wqp_triennial)*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[240] > 0 then begin
    _Cost[240] :=
(((numb_reduced_wqp*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wqp_ortho_
analyze))+((numb_reduced_wqp*pp_commercial_samp)*cost_lab_ortho_wqp));
    inc(TotEval);
    _OM[240] := 0;
inc(TotEval);
end;

//system_collect_wqp_reduced_ortho row: 243
_CalcCost[241] := p_wqp_six_red*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[241] > 0 then begin
    _Cost[241] :=
2*(numb_reduced_wqp*((hrs_wqp_op*rate_op)+cost_wqp_material_ortho));
    inc(TotEval);
    _OM[241] := 0;
inc(TotEval);
end;

//system_analyze_wqp_reduced_ortho row: 244
_CalcCost[242] := p_wqp_six_red*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[242] > 0 then begin
    _Cost[242] :=
2*(((numb_reduced_wqp*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wqp_orth
o_analyze))+((numb_reduced_wqp*pp_commercial_samp)*cost_lab_ortho_wqp));
    inc(TotEval);
    _OM[242] := 0;
inc(TotEval);
end;

//system_collect_ph_ff_b32 row: 245
_CalcCost[243] :=
(pws_cct*p_wqp_all*(1-(p_wqp_annual+p_wqp_triennial+p_wqp_six_red)))*pbaseph;
inc(TotEval);

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    if _CalcCost[243] > 0 then begin
        _Cost[243] :=
2*((2*numb_wqp_sites_added_prev)*((hrs_wqp_op*rate_op)+cost_wqp_material_ph));
        inc(TotEval);
        _OM[243] := 0;
        inc(TotEval);
    end;

    //system_analyze_ph_ff_b32 row: 246
    _CalcCost[244] :=
(pws_cct*p_wqp_all*(1-(p_wqp_annual+p_wqp_triennial+p_wqp_six_red)))*pbaseph;
    inc(TotEval);
    if _CalcCost[244] > 0 then begin
        _Cost[244] :=
2*(((2*numb_wqp_sites_added_prev)*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cos
t_wqp_ph_analyze))+(((2*numb_wqp_sites_added_prev)*pp_commercial_samp)*cost_lab_ph_w
qp));
        inc(TotEval);
        _OM[244] := 0;
        inc(TotEval);
    end;

    //system_collect_ortho_ff_b32 row: 247
    _CalcCost[245] :=
(pws_cct*p_wqp_all*(1-(p_wqp_annual+p_wqp_triennial+p_wqp_six_red)))*(pbasepo4+pbase
phpo4);
    inc(TotEval);
    if _CalcCost[245] > 0 then begin
        _Cost[245] :=
2*((2*numb_wqp_sites_added_prev)*((hrs_wqp_op*rate_op)+cost_wqp_material_ortho));
        inc(TotEval);
        _OM[245] := 0;
        inc(TotEval);
    end;

    //system_analyze_ortho_ff_b32 row: 248
    _CalcCost[246] :=
(pws_cct*p_wqp_all*(1-(p_wqp_annual+p_wqp_triennial+p_wqp_six_red)))*(pbasepo4+pbase
phpo4);
    inc(TotEval);
    if _CalcCost[246] > 0 then begin
        _Cost[246] :=
2*(((2*numb_wqp_sites_added_prev)*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+
cost_wqp_ortho_analyze))+(((2*numb_wqp_sites_added_prev)*pp_commercial_samp)*cost_la
b_ortho_wqp));
        inc(TotEval);
        _OM[246] := 0;
        inc(TotEval);
    end;

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//system_collect_ff_annual_ph row: 249
_CalcCost[247] := (p_wqp_annual+p_wqp_triennial)*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[247] > 0 then begin
    _Cost[247] :=
((2*numb_wqp_sites_added_prev)*((hrs_wqp_op*rate_op)+cost_wqp_material_ph));
    inc(TotEval);
    _OM[247] := 0;
inc(TotEval);
end;

//system_analyze_ff_annual_ph row: 250
_CalcCost[248] := (p_wqp_annual+p_wqp_triennial)*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[248] > 0 then begin
    _Cost[248] :=
((((2*numb_wqp_sites_added_prev)*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_
wqp_ph_analyze))+((2*numb_wqp_sites_added_prev)*pp_commercial_samp)*cost_lab_ph_wqp
));
    inc(TotEval);
    _OM[248] := 0;
inc(TotEval);
end;

//system_collect_ff_reduced_ph row: 251
_CalcCost[249] := p_wqp_six_red*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[249] > 0 then begin
    _Cost[249] :=
2*((2*numb_wqp_sites_added_prev)*((hrs_wqp_op*rate_op)+cost_wqp_material_ph));
    inc(TotEval);
    _OM[249] := 0;
inc(TotEval);
end;

//system_analyze_ff_reduced_ph row: 252
_CalcCost[250] := p_wqp_six_red*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[250] > 0 then begin
    _Cost[250] :=
2*(((2*numb_wqp_sites_added_prev)*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cos
t_wqp_ph_analyze))+((2*numb_wqp_sites_added_prev)*pp_commercial_samp)*cost_lab_ph_w
qp));
    inc(TotEval);
    _OM[250] := 0;
inc(TotEval);
end;

//system_collect_ff_annual_ortho row: 253
_CalcCost[251] := (p_wqp_annual+p_wqp_triennial)*pws_cct*(pbasepo4+pbasephpo4);

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    inc(TotEval);
    if _CalcCost[251] > 0 then begin
        _Cost[251] :=
((2*numb_wqp_sites_added_prev)*((hrs_wqp_op*rate_op)+cost_wqp_material_ortho));
        inc(TotEval);
        _OM[251] := 0;
        inc(TotEval);
    end;

    //system_analyze_ff_annual_ortho row: 254
    _CalcCost[252] := (p_wqp_annual+p_wqp_triennial)*pws_cct*(pbasepo4+pbasephpo4);
    inc(TotEval);
    if _CalcCost[252] > 0 then begin
        _Cost[252] :=
((((2*numb_wqp_sites_added_prev)*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+co
st_wqp_ortho_analyze))+(((2*numb_wqp_sites_added_prev)*pp_commercial_samp)*cost_lab_
ortho_wqp));
        inc(TotEval);
        _OM[252] := 0;
        inc(TotEval);
    end;

    //system_collect_ff_reduced_ortho row: 255
    _CalcCost[253] := p_wqp_six_red*pws_cct*(pbasepo4+pbasephpo4);
    inc(TotEval);
    if _CalcCost[253] > 0 then begin
        _Cost[253] :=
2*((2*numb_wqp_sites_added_prev)*((hrs_wqp_op*rate_op)+cost_wqp_material_ortho));
        inc(TotEval);
        _OM[253] := 0;
        inc(TotEval);
    end;

    //system_analyze_ff_reduced_ortho row: 256
    _CalcCost[254] := p_wqp_six_red*pws_cct*(pbasepo4+pbasephpo4);
    inc(TotEval);
    if _CalcCost[254] > 0 then begin
        _Cost[254] :=
2*(((2*numb_wqp_sites_added_prev)*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+
cost_wqp_ortho_analyze))+(((2*numb_wqp_sites_added_prev)*pp_commercial_samp)*cost_la
b_ortho_wqp));
        inc(TotEval);
        _OM[254] := 0;
        inc(TotEval);
    end;

    //system_devel_tap row: 257
    _CalcCost[255] := 1-b_state_one;
    inc(TotEval);
    if _CalcCost[255] > 0 then begin

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    _Cost[255] := (hrs_devel_samp_op*rate_op);
    inc(TotEval);
    _OM[255] := 0;
inc(TotEval);
end;

//state_devel_tap row: 258
_CalcCost[256] := b_state_one;
inc(TotEval);
if _CalcCost[256] > 0 then begin
    _Cost[256] := (hrs_devel_samp_op*rate_op);
    inc(TotEval);
    _OM[256] := 0;
inc(TotEval);
end;

//system_confer_tap row: 259
_Cost[257] := (hrs_initial_tap_confer_op*rate_op);
    inc(TotEval);
    _OM[257] := 0;
inc(TotEval);

//state_review_tap row: 260
_Cost[258] := (hrs_rev_samp_js*rate_js);
    inc(TotEval);
    _OM[258] := 0;
inc(TotEval);

//system_report_tap_change_r1 row: 261
_CalcCost[259] := (1-system_pou)*pws_lsl;
inc(TotEval);
if _CalcCost[259] > 0 then begin
    _Cost[259] := 2*(hrs_chng_tap_op*rate_op);
    inc(TotEval);
    _OM[259] := 0;
inc(TotEval);
end;

//state_review_tap_change_r1 row: 262
_CalcCost[260] := (1-system_pou)*pws_lsl;
inc(TotEval);
if _CalcCost[260] > 0 then begin
    _Cost[260] := 2*(hrs_chng_tap_js*rate_js);
    inc(TotEval);
    _OM[260] := 0;
inc(TotEval);
end;

//system_volunt_lt_r1 row: 263
_CalcCost[261] := (1-system_pou)*pws_lsl;

```



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    inc(TotEval);
    if _CalcCost[261] > 0 then begin
        _Cost[261] :=
2*((numb_samp_customer+(numb_samp_customer*(1-pp_hh_return_samp)))+(numb_samp_custome
r*pp_samp_invalid)+(numb_samp_customer*pp_samp_reject))*(hrs_samp_volunt_op*rate_op)
);
        inc(TotEval);
        _OM[261] := 0;
    inc(TotEval);
    end;

//system_incentive_lt_r1 row: 264
_CalcCost[262] := (1-system_pou)*p_incentive*pws_lsl;
inc(TotEval);
if _CalcCost[262] > 0 then begin
    _Cost[262] := 2*(numb_samp_customer*cost_incentive);
    inc(TotEval);
    _OM[262] := 0;
inc(TotEval);
end;

//system_hrs_discuss_baseline_lt_r1 row: 265
_CalcCost[263] := (1-system_pou)*pws_lsl;
inc(TotEval);
if _CalcCost[263] > 0 then begin
    _Cost[263] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*(hrs_discuss_samp_op*rate_
op));
    inc(TotEval);
    _OM[263] := 0;
inc(TotEval);
end;

//system_discuss_baseline_lt_r1_5lt row: 266
_CalcCost[264] := (1-system_pou)*(1-b_state_two)*pws_lsl;
inc(TotEval);
if _CalcCost[264] > 0 then begin
    _Cost[264] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_5_lt_samp);
    inc(TotEval);
    _OM[264] := 0;
inc(TotEval);
end;

//state_discuss_baseline_lt_r1_5lt row: 267
_CalcCost[265] := (1-system_pou)*b_state_two*pws_lsl;
inc(TotEval);
if _CalcCost[265] > 0 then begin

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        _Cost[265] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_5_lt_samp);
        inc(TotEval);
        _OM[265] := 0;
        inc(TotEval);
        end;

//system_pickup_baseline_lt_r1 row: 268
        _CalcCost[266] := (1-system_pou)*pws_lsl;
        inc(TotEval);
        if _CalcCost[266] > 0 then begin
            _Cost[266] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*((hrs_pickup_samp_op*rate_
op)+cost_pickup_samp));
            inc(TotEval);
            _OM[266] := 0;
            inc(TotEval);
            end;

//system_reject_baseline_lt_r1 row: 269
        _CalcCost[267] := (1-system_pou)*pws_lsl;
        inc(TotEval);
        if _CalcCost[267] > 0 then begin
            _Cost[267] :=
2*((numb_samp_customer*pp_samp_reject)*(hrs_samp_reject_op*rate_op));
            inc(TotEval);
            _OM[267] := 0;
            inc(TotEval);
            end;

//system_analyze_baseline_lt_r1 row: 270
        _CalcCost[268] := (1-system_pou)*(1-b_state_two)*pws_lsl;
        inc(TotEval);
        if _CalcCost[268] > 0 then begin
            _Cost[268] :=
2*(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_an
alyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*
pp_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab));
            inc(TotEval);
            _OM[268] := 0;
            inc(TotEval);
            end;

//state_analyze_baseline_lt_r1 row: 271
        _CalcCost[269] := (1-system_pou)*b_state_two*pws_lsl;
        inc(TotEval);
        if _CalcCost[269] > 0 then begin
            _Cost[269] :=

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2*(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_an
alyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*
pp_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab));
    inc(TotEval);
    _OM[269] := 0;
    inc(TotEval);
end;

//system_invalid_baseline_lt_r1 row: 272
_CalcCost[270] := (1-system_pou)*pws_lsl;
inc(TotEval);
if _CalcCost[270] > 0 then begin
    _Cost[270] :=
2*((numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op));
    inc(TotEval);
    _OM[270] := 0;
    inc(TotEval);
end;

//state_invalid_baseline_lt_r1 row: 273
_CalcCost[271] := (1-system_pou)*pws_lsl;
inc(TotEval);
if _CalcCost[271] > 0 then begin
    _Cost[271] :=
2*((numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js));
    inc(TotEval);
    _OM[271] := 0;
    inc(TotEval);
end;

//system_annual_lt_r1 row: 274
_CalcCost[272] := (1-system_pou)*(1-b_state_two)*pws_lsl;
inc(TotEval);
if _CalcCost[272] > 0 then begin
    _Cost[272] := 2*(hrs_annual_lt_op*rate_op);
    inc(TotEval);
    _OM[272] := 0;
    inc(TotEval);
end;

//state_burd_annual_lt_r1 row: 275
_CalcCost[273] := (1-system_pou)*b_state_two*pws_lsl;
inc(TotEval);
if _CalcCost[273] > 0 then begin
    _Cost[273] := 2*(hrs_annual_lt_op*rate_op);
    inc(TotEval);
    _OM[273] := 0;
    inc(TotEval);
end;

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//state_annual_lt_r1 row: 276
_CalcCost[274] := (1-system_pou)*(1-b_state_two)*pws_lsl;
inc(TotEval);
if _CalcCost[274] > 0 then begin
    _Cost[274] := 2*(hrs_annual_lt_js*rate_js);
    inc(TotEval);
    _OM[274] := 0;
inc(TotEval);
end;

//system_lt_pe_r1 row: 277
_CalcCost[275] := (1-system_pou)*pws_lsl;
inc(TotEval);
if _CalcCost[275] > 0 then begin
    _Cost[275] :=
2*((numb_samp_customer)*((hrs_inform_samp_op*rate_op)+cost_cust_lt));
    inc(TotEval);
    _OM[275] := 0;
inc(TotEval);
end;

//system_certify_lt_r1 row: 278
_CalcCost[276] := (1-system_pou)*pws_lsl;
inc(TotEval);
if _CalcCost[276] > 0 then begin
    _Cost[276] := 2*(hrs_cert_cust_lt_op*rate_op);
    inc(TotEval);
    _OM[276] := 0;
inc(TotEval);
end;

//state_review_lt_r1 row: 279
_CalcCost[277] := (1-system_pou)*pws_lsl;
inc(TotEval);
if _CalcCost[277] > 0 then begin
    _Cost[277] := 2*(hrs_cert_cust_lt_js*rate_js);
    inc(TotEval);
    _OM[277] := 0;
inc(TotEval);
end;

//system_lt_pe_ntncws_tap_r1 row: 280
_CalcCost[278] := (1-system_pou)*pws_lsl;
inc(TotEval);
if _CalcCost[278] > 0 then begin
    _Cost[278] := 2*((hrs_ntncws_inform_samp_op*rate_op)+cost_ntncws_cust_lt);
    inc(TotEval);
    _OM[278] := 0;
inc(TotEval);
end;

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//system_nolsl_report_tap_change_b3 row: 281
_CalcCost[279] := (1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[279] > 0 then begin
    _Cost[279] := 2*(hrs_chng_tap_op*rate_op);
    inc(TotEval);
    _OM[279] := 0;
inc(TotEval);
end;

//state_nolsl_review_tap_change_b3 row: 282
_CalcCost[280] := (1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[280] > 0 then begin
    _Cost[280] := 2*(hrs_chng_tap_js*rate_js);
    inc(TotEval);
    _OM[280] := 0;
inc(TotEval);
end;

//system_nolsl_volunt_lt_b3 row: 283
_CalcCost[281] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change))*(1-pws_lsl);
inc(TotEval);
if _CalcCost[281] > 0 then begin
    _Cost[281] :=
2*((numb_samp_customer+(numb_samp_customer*(1-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*pp_samp_reject))*(hrs_samp_volunt_op*rate_op);
    inc(TotEval);
    _OM[281] := 0;
inc(TotEval);
end;

//system_nolsl_incentive_lt_b3 row: 284
_CalcCost[282] :=
((1-(p_tap_annual+p_tap_triennial+p_tap_nine))*p_incentive)*(1-system_pou)*(1-(p_source_chng+p_treat_change))*(1-pws_lsl);
inc(TotEval);
if _CalcCost[282] > 0 then begin
    _Cost[282] := 2*(numb_samp_customer*cost_incentive);
    inc(TotEval);
    _OM[282] := 0;
inc(TotEval);
end;

//system_nolsl_hrs_discuss_baseline_lt_b3_5lt row: 285
_CalcCost[283] :=

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(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change))*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[283] > 0 then begin
        _Cost[283] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*(hrs_discuss_samp_op*rate_op));
        inc(TotEval);
        _OM[283] := 0;
        inc(TotEval);
    end;

    //system_nolsl_discuss_baseline_lt_b3_5lt row: 286
    _CalcCost[284] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change))*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[284] > 0 then begin
        _Cost[284] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_5_lt_samp);
        inc(TotEval);
        _OM[284] := 0;
        inc(TotEval);
    end;

    //state_nolsl_discuss_baseline_lt_b3_5lt row: 287
    _CalcCost[285] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[285] > 0 then begin
        _Cost[285] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_5_lt_samp);
        inc(TotEval);
        _OM[285] := 0;
        inc(TotEval);
    end;

    //system_nolsl_pickup_baseline_lt_b3 row: 288
    _CalcCost[286] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change))*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[286] > 0 then begin
        _Cost[286] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*((hrs_pickup_samp_op*rate_

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op)+cost_pickup_samp));
    inc(TotEval);
    _OM[286] := 0;
    inc(TotEval);
end;

//system_nolsl_reject_baseline_lt_b3 row: 289
_CalcCost[287] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change))*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[287] > 0 then begin
        _Cost[287] :=
2*((numb_samp_customer*pp_samp_reject)*(hrs_samp_reject_op*rate_op));
        inc(TotEval);
        _OM[287] := 0;
        inc(TotEval);
    end;

//system_nolsl_analyze_baseline_lt_b3 row: 290
_CalcCost[288] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change))*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[288] > 0 then begin
        _Cost[288] :=
2*(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab));
        inc(TotEval);
        _OM[288] := 0;
        inc(TotEval);
    end;

//state_nolsl_analyze_baseline_lt_b3 row: 291
_CalcCost[289] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[289] > 0 then begin
        _Cost[289] :=
2*(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab));
        inc(TotEval);
        _OM[289] := 0;
        inc(TotEval);
    end;

//system_nolsl_invalid_baseline_lt_b3 row: 292

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    _CalcCost[290] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change))*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[290] > 0 then begin
        _Cost[290] :=
2*((numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op));
        inc(TotEval);
        _OM[290] := 0;
        inc(TotEval);
    end;

    //state_nolsl_invalid_baseline_lt_b3 row: 293
    _CalcCost[291] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change))*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[291] > 0 then begin
        _Cost[291] :=
2*((numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js));
        inc(TotEval);
        _OM[291] := 0;
        inc(TotEval);
    end;

    //system_nolsl_lt_pe_b3 row: 294
    _CalcCost[292] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change))*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[292] > 0 then begin
        _Cost[292] :=
2*((numb_samp_customer)*((hrs_inform_samp_op*rate_op)+cost_cust_lt));
        inc(TotEval);
        _OM[292] := 0;
        inc(TotEval);
    end;

    //system_nolsl_annual_lt_b3 row: 295
    _CalcCost[293] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change))*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[293] > 0 then begin
        _Cost[293] := 2*(hrs_annual_lt_op*rate_op);
        inc(TotEval);
        _OM[293] := 0;
        inc(TotEval);
    end;

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//state_nolsl_burd_annual_lt_b3 row: 296
_CalcCost[294] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[294] > 0 then begin
    _Cost[294] := 2*(hrs_annual_lt_op*rate_op);
    inc(TotEval);
    _OM[294] := 0;
inc(TotEval);
end;

//state_nolsl_annual_lt_b3 row: 297
_CalcCost[295] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change))*(1-pws_lsl);
inc(TotEval);
if _CalcCost[295] > 0 then begin
    _Cost[295] := 2*(hrs_annual_lt_js*rate_js);
    inc(TotEval);
    _OM[295] := 0;
inc(TotEval);
end;

//system_nolsl_certify_lt_b3 row: 298
_CalcCost[296] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change))*(1-pws_lsl);
inc(TotEval);
if _CalcCost[296] > 0 then begin
    _Cost[296] := 2*(hrs_cert_cust_lt_op*rate_op);
    inc(TotEval);
    _OM[296] := 0;
inc(TotEval);
end;

//state_nolsl_review_lt_b3 row: 299
_CalcCost[297] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change))*(1-pws_lsl);
inc(TotEval);
if _CalcCost[297] > 0 then begin
    _Cost[297] := 2*(hrs_cert_cust_lt_js*rate_js);
    inc(TotEval);
    _OM[297] := 0;
inc(TotEval);
end;

//system_nolsl_volunt_lt_red row: 300
_CalcCost[298] := (p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl);

```

```

    inc(TotEval);
    if _CalcCost[298] > 0 then begin
        _Cost[298] :=
((numb_reduced_tap+(numb_reduced_tap*(1-pp_hh_return_samp)))+(numb_reduced_tap*pp_sam
p_invalid)+(numb_reduced_tap*pp_samp_reject))*(hrs_samp_volunt_op*rate_op));
        inc(TotEval);
        _OM[298] := 0;
    inc(TotEval);
    end;

    //system_nolsl_incentive_lt_red row: 301
    _CalcCost[299] :=
(p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl)*p_incentive;
    inc(TotEval);
    if _CalcCost[299] > 0 then begin
        _Cost[299] := (numb_reduced_tap)*cost_incentive;
        inc(TotEval);
        _OM[299] := 0;
    inc(TotEval);
    end;

    //system_nolsl_hrs_discuss_lt_red_5lt row: 302
    _CalcCost[300] := (p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[300] > 0 then begin
        _Cost[300] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*(hrs_discuss_samp_op*rate_op);
        inc(TotEval);
        _OM[300] := 0;
    inc(TotEval);
    end;

    //system_nolsl_discuss_lt_red_5lt row: 303
    _CalcCost[301] :=
(p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl)*(1-b_state_two);
    inc(TotEval);
    if _CalcCost[301] > 0 then begin
        _Cost[301] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*cost_5_lt_samp;
        inc(TotEval);
        _OM[301] := 0;
    inc(TotEval);
    end;

    //state_nolsl_discuss_lt_red_5lt row: 304
    _CalcCost[302] :=
(p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl)*b_state_two;
    inc(TotEval);

```

```

    if _CalcCost[302] > 0 then begin
        _Cost[302] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*cost_5_lt_samp;
        inc(TotEval);
        _OM[302] := 0;
        inc(TotEval);
    end;

    //system_nolsl_pickup_lt_red row: 305
    _CalcCost[303] := (p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[303] > 0 then begin
        _Cost[303] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*((hrs_pickup_samp_op*rate_op)+cost_pi
ckup_samp);
        inc(TotEval);
        _OM[303] := 0;
        inc(TotEval);
    end;

    //system_nolsl_reject_lt_red row: 306
    _CalcCost[304] := (p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[304] > 0 then begin
        _Cost[304] :=
((numb_reduced_tap*pp_samp_reject)*(hrs_samp_reject_op*rate_op));
        inc(TotEval);
        _OM[304] := 0;
        inc(TotEval);
    end;

    //system_nolsl_analyze_lt_red_5liter row: 307
    _CalcCost[305] :=
(p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl)*(1-b_state_two);
    inc(TotEval);
    if _CalcCost[305] > 0 then begin
        _Cost[305] :=
(((numb_reduced_tap+(numb_reduced_tap*pp_samp_invalid))*pp_lab_samp)*((hrs_analyze_s
amp_op*rate_op)+cost_lab_lt_samp))+(((numb_reduced_tap+(numb_reduced_tap*pp_samp_inv
alid))*pp_commercial_samp)*cost_5_commercial_lab);
        inc(TotEval);
        _OM[305] := 0;
        inc(TotEval);
    end;

    //state_nolsl_analyze_lt_red_5liter row: 308
    _CalcCost[306] :=
(p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl)*b_state_two;

```

```

inc(TotEval);
if _CalcCost[306] > 0 then begin
    _Cost[306] :=
(((numb_reduced_tap+(numb_reduced_tap*pp_samp_invalid))*pp_lab_samp)*((hrs_analyze_s
amp_op*rate_op)+cost_lab_lt_samp))+(((numb_reduced_tap+(numb_reduced_tap*pp_samp_inv
alid))*pp_commercial_samp)*cost_5_commercial_lab);
    inc(TotEval);
    _OM[306] := 0;
inc(TotEval);
end;

//system_nolsl_invalid_lt_red row: 309
_CalcCost[307] := (p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[307] > 0 then begin
    _Cost[307] :=
(numb_reduced_tap*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op);
    inc(TotEval);
    _OM[307] := 0;
inc(TotEval);
end;

//state_nolsl_invalid_lt_red row: 310
_CalcCost[308] := (p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[308] > 0 then begin
    _Cost[308] :=
(numb_reduced_tap*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js);
    inc(TotEval);
    _OM[308] := 0;
inc(TotEval);
end;

//system_nolsl_lt_pe_red row: 311
_CalcCost[309] := (p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[309] > 0 then begin
    _Cost[309] := (numb_reduced_tap)*((hrs_inform_samp_op*rate_op)+cost_cust_lt);
    inc(TotEval);
    _OM[309] := 0;
inc(TotEval);
end;

//system_nolsl_volunt_lt_annual row: 312
_CalcCost[310] := p_tap_annual*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[310] > 0 then begin
    _Cost[310] :=
((numb_samp_customer+(numb_samp_customer*(1-pp_hh_return_samp)))+(numb_samp_customer*
pp_samp_invalid)+(numb_samp_customer*pp_samp_reject))*(hrs_samp_volunt_op*rate_op));

```

```

        inc(TotEval);
        _OM[310] := 0;
    inc(TotEval);
end;

//system_nolsl_incentive_lt_annual row: 313
_CalcCost[311] := p_tap_annual*(1-system_pou)*(1-pws_lsl)*p_incentive;
inc(TotEval);
if _CalcCost[311] > 0 then begin
    _Cost[311] := (numb_samp_customer)*cost_incentive;
    inc(TotEval);
    _OM[311] := 0;
inc(TotEval);
end;

//system_nolsl_hrs_discuss_lt_annual_5lt row: 314
_CalcCost[312] := p_tap_annual*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[312] > 0 then begin
    _Cost[312] :=
((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp
_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*(hrs_discuss_samp_op*rate_op)
;
    inc(TotEval);
    _OM[312] := 0;
inc(TotEval);
end;

//system_nolsl_discuss_lt_annual_5lt row: 315
_CalcCost[313] := p_tap_annual*(1-system_pou)*(1-pws_lsl)*(1-b_state_two);
inc(TotEval);
if _CalcCost[313] > 0 then begin
    _Cost[313] :=
((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp
_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_5_lt_samp;
    inc(TotEval);
    _OM[313] := 0;
inc(TotEval);
end;

//state_nolsl_discuss_lt_annual_5lt row: 316
_CalcCost[314] := p_tap_annual*(1-system_pou)*(1-pws_lsl)*b_state_two;
inc(TotEval);
if _CalcCost[314] > 0 then begin
    _Cost[314] :=
((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp
_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_5_lt_samp;
    inc(TotEval);
    _OM[314] := 0;
inc(TotEval);
end;

```

```

end;

//system_nolsl_pickup_lt_annual row: 317
_CalcCost[315] := p_tap_annual*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[315] > 0 then begin
    _Cost[315] :=
((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp
_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*((hrs_pickup_samp_op*rate_op)
+cost_pickup_samp);
    inc(TotEval);
    _OM[315] := 0;
inc(TotEval);
end;

//system_nolsl_reject_lt_annual row: 318
_CalcCost[316] := p_tap_annual*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[316] > 0 then begin
    _Cost[316] :=
((numb_samp_customer*pp_samp_reject)*(hrs_samp_reject_op*rate_op));
    inc(TotEval);
    _OM[316] := 0;
inc(TotEval);
end;

//system_nolsl_analyze_lt_annual_5liter row: 319
_CalcCost[317] := p_tap_annual*(1-system_pou)*(1-pws_lsl)*(1-b_state_two);
inc(TotEval);
if _CalcCost[317] > 0 then begin
    _Cost[317] :=
((((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_anal
yze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*pp
_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab));
    inc(TotEval);
    _OM[317] := 0;
inc(TotEval);
end;

//state_nolsl_analyze_lt_annual_5liter row: 320
_CalcCost[318] := p_tap_annual*(1-system_pou)*(1-pws_lsl)*b_state_two;
inc(TotEval);
if _CalcCost[318] > 0 then begin
    _Cost[318] :=
((((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_anal
yze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*pp
_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab));
    inc(TotEval);
    _OM[318] := 0;
inc(TotEval);

```

```

end;

//system_nolsl_invalid_lt_annual row: 321
_CalcCost[319] := p_tap_annual*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[319] > 0 then begin
    _Cost[319] :=
(numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op);
    inc(TotEval);
    _OM[319] := 0;
    inc(TotEval);
end;

//state_nolsl_invalid_lt_annual row: 322
_CalcCost[320] := p_tap_annual*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[320] > 0 then begin
    _Cost[320] :=
(numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js);
    inc(TotEval);
    _OM[320] := 0;
    inc(TotEval);
end;

//system_nolsl_lt_pe_annual row: 323
_CalcCost[321] := p_tap_annual*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[321] > 0 then begin
    _Cost[321] :=
(numb_samp_customer)*((hrs_inform_samp_op*rate_op)+cost_cust_lt);
    inc(TotEval);
    _OM[321] := 0;
    inc(TotEval);
end;

//system_nolsl_reduced_annual_report row: 324
_CalcCost[322] :=
(p_tap_annual+p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl)*(1-b_state_two)
;
inc(TotEval);
if _CalcCost[322] > 0 then begin
    _Cost[322] := (hrs_annual_lt_op*rate_op);
    inc(TotEval);
    _OM[322] := 0;
    inc(TotEval);
end;

//state_nolsl_burd_reduced_annual_report row: 325
_CalcCost[323] :=
(p_tap_annual+p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl)*b_state_two;

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inc(TotEval);
if _CalcCost[323] > 0 then begin
    _Cost[323] := (hrs_annual_lt_op*rate_op);
    inc(TotEval);
    _OM[323] := 0;
inc(TotEval);
end;

//state_nolsl_reduced_annual_report row: 326
_CalcCost[324] :=
(p_tap_annual+p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl)*(1-b_state_two)
;
inc(TotEval);
if _CalcCost[324] > 0 then begin
    _Cost[324] := (hrs_annual_lt_js*rate_js);
    inc(TotEval);
    _OM[324] := 0;
inc(TotEval);
end;

//system_nolsl_reduced_annual_certify row: 327
_CalcCost[325] :=
(p_tap_annual+p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[325] > 0 then begin
    _Cost[325] := (hrs_cert_cust_lt_op*rate_op);
    inc(TotEval);
    _OM[325] := 0;
inc(TotEval);
end;

//state_nolsl_reduced_annual_certify row: 328
_CalcCost[326] :=
(p_tap_annual+p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[326] > 0 then begin
    _Cost[326] := (hrs_cert_cust_lt_js*rate_js);
    inc(TotEval);
    _OM[326] := 0;
inc(TotEval);
end;

//system_nolsl_renew_nine row: 329
_CalcCost[327] := p_tap_nine*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[327] > 0 then begin
    _Cost[327] := (hrs_renew_nine_op*rate_op);
    inc(TotEval);
    _OM[327] := 0;
inc(TotEval);

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end;

//state_nolsl_review_nine row: 330
_CalcCost[328] := p_tap_nine*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[328] > 0 then begin
    _Cost[328] := (hrs_renew_nine_js*rate_js);
    inc(TotEval);
    _OM[328] := 0;
inc(TotEval);
end;

//system_nolsl_volunt_lt_b2 row: 331
_CalcCost[329] := (1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[329] > 0 then begin
    _Cost[329] :=
((numb_samp_customer+(numb_samp_customer*(1-pp_hh_return_samp)))+(numb_samp_customer*
pp_samp_invalid)+(numb_samp_customer*pp_samp_reject))*(hrs_samp_volunt_op*rate_op));
    inc(TotEval);
    _OM[329] := 0;
inc(TotEval);
end;

//system_nolsl_incentive_lt_b2 row: 332
_CalcCost[330] := p_incentive*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[330] > 0 then begin
    _Cost[330] := (numb_samp_customer)*cost_incentive;
    inc(TotEval);
    _OM[330] := 0;
inc(TotEval);
end;

//system_nolsl_hrs_discuss_lt_b2_5lt row: 333
_CalcCost[331] := (1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[331] > 0 then begin
    _Cost[331] :=
((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp
_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*(hrs_discuss_samp_op*rate_op)
;
    inc(TotEval);
    _OM[331] := 0;
inc(TotEval);
end;

//system_nolsl_discuss_lt_b2_5lt row: 334
_CalcCost[332] := (1-system_pou)*(1-b_state_two)*(1-pws_lsl);
inc(TotEval);

```

```

    if _CalcCost[332] > 0 then begin
        _Cost[332] :=
((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp
_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_5_lt_samp;
        inc(TotEval);
        _OM[332] := 0;
        inc(TotEval);
    end;

    //state_nolsl_discuss_lt_b2_5lt row: 335
    _CalcCost[333] := (1-system_pou)*b_state_two*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[333] > 0 then begin
        _Cost[333] :=
((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp
_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_5_lt_samp;
        inc(TotEval);
        _OM[333] := 0;
        inc(TotEval);
    end;

    //system_nolsl_pickup_lt_b2 row: 336
    _CalcCost[334] := (1-system_pou)*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[334] > 0 then begin
        _Cost[334] :=
((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp
_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*((hrs_pickup_samp_op*rate_op)
+cost_pickup_samp);
        inc(TotEval);
        _OM[334] := 0;
        inc(TotEval);
    end;

    //system_nolsl_reject_lt_b2 row: 337
    _CalcCost[335] := (1-system_pou)*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[335] > 0 then begin
        _Cost[335] :=
((numb_samp_customer*pp_samp_reject)*(hrs_samp_reject_op*rate_op));
        inc(TotEval);
        _OM[335] := 0;
        inc(TotEval);
    end;

    //system_nolsl_analyze_lt_b2 row: 338
    _CalcCost[336] := (1-system_pou)*(1-b_state_two)*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[336] > 0 then begin
        _Cost[336] :=

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(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab);
    inc(TotEval);
    _OM[336] := 0;
    inc(TotEval);
end;

//state_nolsl_analyze_lt_b2 row: 339
_CalcCost[337] := (1-system_pou)*b_state_two*(1-pws_lsl);
inc(TotEval);
if _CalcCost[337] > 0 then begin
    _Cost[337] :=
(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab);
    inc(TotEval);
    _OM[337] := 0;
    inc(TotEval);
end;

//system_nolsl_invalid_lt_b2 row: 340
_CalcCost[338] := (1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[338] > 0 then begin
    _Cost[338] :=
(numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op);
    inc(TotEval);
    _OM[338] := 0;
    inc(TotEval);
end;

//state_nolsl_invalid_lt_b2 row: 341
_CalcCost[339] := (1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[339] > 0 then begin
    _Cost[339] :=
(numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js);
    inc(TotEval);
    _OM[339] := 0;
    inc(TotEval);
end;

//system_nolsl_reduced_annual_report_b2 row: 342
_CalcCost[340] := (1-system_pou)*(1-b_state_two)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[340] > 0 then begin
    _Cost[340] := (hrs_annual_lt_op*rate_op);
    inc(TotEval);
    _OM[340] := 0;
end;

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inc(TotEval);
end;

//state_nolsl_burd_reduced_annual_report_b2 row: 343
_CalcCost[341] := (1-system_pou)*b_state_two*(1-pws_lsl);
inc(TotEval);
if _CalcCost[341] > 0 then begin
    _Cost[341] := (hrs_annual_lt_op*rate_op);
    inc(TotEval);
    _OM[341] := 0;
inc(TotEval);
end;

//state_nolsl_reduced_annual_report_b2 row: 344
_CalcCost[342] := (1-system_pou)*(1-b_state_two)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[342] > 0 then begin
    _Cost[342] := (hrs_annual_lt_js*rate_js);
    inc(TotEval);
    _OM[342] := 0;
inc(TotEval);
end;

//system_nolsl_lt_pe_annual_b2 row: 345
_CalcCost[343] := (1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[343] > 0 then begin
    _Cost[343] :=
(numb_samp_customer)*((hrs_inform_samp_op*rate_op)+cost_cust_lt);
    inc(TotEval);
    _OM[343] := 0;
inc(TotEval);
end;

//system_nolsl_reduced_annual_certify_b2 row: 346
_CalcCost[344] := (1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[344] > 0 then begin
    _Cost[344] := (hrs_cert_cust_lt_op*rate_op);
    inc(TotEval);
    _OM[344] := 0;
inc(TotEval);
end;

//state_nolsl_reduced_annual_certify_b2 row: 347
_CalcCost[345] := (1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[345] > 0 then begin
    _Cost[345] := (hrs_cert_cust_lt_js*rate_js);
    inc(TotEval);

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    _OM[345] := 0;
    inc(TotEval);
end;

//system_nolsl_volunt_lt row: 348
_CalcCost[346] := (1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[346] > 0 then begin
    _Cost[346] :=
2*((numb_samp_customer+(numb_samp_customer*(1-pp_hh_return_samp)))+(numb_samp_custome
r*pp_samp_invalid)+(numb_samp_customer*pp_samp_reject))*(hrs_samp_volunt_op*rate_op
);
    inc(TotEval);
    _OM[346] := 0;
    inc(TotEval);
end;

//system_nolsl_incentive_lt row: 349
_CalcCost[347] := p_incentive*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[347] > 0 then begin
    _Cost[347] :=
2*((numb_samp_customer+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*pp_s
amp_reject))*cost_incentive);
    inc(TotEval);
    _OM[347] := 0;
    inc(TotEval);
end;

//system_nolsl_hrs_discuss_baseline_lt_5lt row: 350
_CalcCost[348] := (1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[348] > 0 then begin
    _Cost[348] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*(hrs_discuss_samp_op*rate
op));
    inc(TotEval);
    _OM[348] := 0;
    inc(TotEval);
end;

//system_nolsl_discuss_baseline_lt_5lt row: 351
_CalcCost[349] := (1-system_pou)*(1-b_state_two)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[349] > 0 then begin
    _Cost[349] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*((hrs_discuss_samp_op*rate
op)+cost_5_lt_samp));

```

```

        inc(TotEval);
        _OM[349] := 0;
    inc(TotEval);
end;

//state_nolsl_discuss_baseline_lt_5lt row: 352
_CalcCost[350] := (1-system_pou)*b_state_two*(1-pws_lsl);
inc(TotEval);
if _CalcCost[350] > 0 then begin
    _Cost[350] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*((hrs_discuss_samp_op*rate
_op)+cost_5_lt_samp));
    inc(TotEval);
    _OM[350] := 0;
inc(TotEval);
end;

//system_nolsl_pickup_baseline_lt row: 353
_CalcCost[351] := (1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[351] > 0 then begin
    _Cost[351] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*((hrs_pickup_samp_op*rate
_op)+cost_pickup_samp);
    inc(TotEval);
    _OM[351] := 0;
inc(TotEval);
end;

//system_nolsl_reject_baseline_lt row: 354
_CalcCost[352] := (1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[352] > 0 then begin
    _Cost[352] :=
2*((numb_samp_customer*pp_samp_reject)*(hrs_samp_reject_op*rate_op));
    inc(TotEval);
    _OM[352] := 0;
inc(TotEval);
end;

//system_nolsl_analyze_baseline_lt row: 355
_CalcCost[353] := (1-system_pou)*(1-b_state_two)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[353] > 0 then begin
    _Cost[353] :=
2*(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_an
alyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*
pp_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab));

```

```

        inc(TotEval);
        _OM[353] := 0;
    inc(TotEval);
end;

//state_nolsl_analyze_baseline_lt row: 356
_CalcCost[354] := (1-system_pou)*b_state_two*(1-pws_lsl);
inc(TotEval);
if _CalcCost[354] > 0 then begin
    _Cost[354] :=
2*(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_an
alyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*
pp_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab));
    inc(TotEval);
    _OM[354] := 0;
inc(TotEval);
end;

//system_nolsl_invalid_baseline_lt row: 357
_CalcCost[355] := (1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[355] > 0 then begin
    _Cost[355] :=
2*((numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op));
    inc(TotEval);
    _OM[355] := 0;
inc(TotEval);
end;

//state_nolsl_invalid_baseline_lt row: 358
_CalcCost[356] := (1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[356] > 0 then begin
    _Cost[356] :=
2*((numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js));
    inc(TotEval);
    _OM[356] := 0;
inc(TotEval);
end;

//system_nolsl_annual_lt row: 359
_CalcCost[357] := (1-system_pou)*(1-b_state_two)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[357] > 0 then begin
    _Cost[357] := 2*(hrs_annual_lt_op*rate_op);
    inc(TotEval);
    _OM[357] := 0;
inc(TotEval);
end;

```

```

//state_nolsl_burd_annual_lt row: 360
_CalcCost[358] := (1-system_pou)*b_state_two*(1-pws_lsl);
inc(TotEval);
if _CalcCost[358] > 0 then begin
    _Cost[358] := 2*(hrs_annual_lt_op*rate_op);
    inc(TotEval);
    _OM[358] := 0;
inc(TotEval);
end;

//state_nolsl_annual_lt row: 361
_CalcCost[359] := (1-system_pou)*(1-b_state_two)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[359] > 0 then begin
    _Cost[359] := 2*(hrs_annual_lt_js*rate_js);
    inc(TotEval);
    _OM[359] := 0;
inc(TotEval);
end;

//system_nolsl_lt_pe row: 362
_CalcCost[360] := (1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[360] > 0 then begin
    _Cost[360] :=
2*((numb_samp_customer)*((hrs_inform_samp_op*rate_op)+cost_cust_lt));
    inc(TotEval);
    _OM[360] := 0;
inc(TotEval);
end;

//system_nolsl_certify_lt row: 363
_CalcCost[361] := (1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[361] > 0 then begin
    _Cost[361] := 2*(hrs_cert_cust_lt_op*rate_op);
    inc(TotEval);
    _OM[361] := 0;
inc(TotEval);
end;

//state_nolsl_review_lt row: 364
_CalcCost[362] := (1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[362] > 0 then begin
    _Cost[362] := 2*(hrs_cert_cust_lt_js*rate_js);
    inc(TotEval);
    _OM[362] := 0;
inc(TotEval);
end;

```



```

//system_nolsl_lt_pe_ntncws_tap row: 365
_CalcCost[363] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[363] > 0 then begin
    _Cost[363] := 2*((hrs_ntncws_inform_samp_op*rate_op)+cost_ntncws_cust_lt);
    inc(TotEval);
    _OM[363] := 0;
inc(TotEval);
end;

//system_nolsl_lt_pe_annual_ntncws_tap row: 366
_CalcCost[364] :=
(p_tap_annual+p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[364] > 0 then begin
    _Cost[364] := ((hrs_ntncws_inform_samp_op*rate_op)+cost_ntncws_cust_lt);
    inc(TotEval);
    _OM[364] := 0;
inc(TotEval);
end;

//system_nolsl_lt_pe_annual_ntncws row: 367
_CalcCost[365] := (1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[365] > 0 then begin
    _Cost[365] := ((hrs_ntncws_inform_samp_op*rate_op)+cost_ntncws_cust_lt);
    inc(TotEval);
    _OM[365] := 0;
inc(TotEval);
end;

//system_nolsl_lt_pe_ntncws row: 368
_CalcCost[366] := (1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[366] > 0 then begin
    _Cost[366] := 2*((hrs_ntncws_inform_samp_op*rate_op)+cost_ntncws_cust_lt);
    inc(TotEval);
    _OM[366] := 0;
inc(TotEval);
end;

//system_report_tap_change_b3 row: 369
_CalcCost[367] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[367] > 0 then begin
    _Cost[367] := 2*(hrs_chng_tap_op*rate_op);

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```

        inc(TotEval);
        _OM[367] := 0;
    inc(TotEval);
end;

//state_review_tap_change_b3 row: 370
    _CalcCost[368] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[368] > 0 then begin
        _Cost[368] := 2*(hrs_chng_tap_js*rate_js);
        inc(TotEval);
        _OM[368] := 0;
    inc(TotEval);
end;

//system_volunt_lt_b3 row: 371
    _CalcCost[369] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[369] > 0 then begin
        _Cost[369] :=
2*((numb_samp_customer+(numb_samp_customer*(1-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*pp_samp_reject))*(hrs_samp_volunt_op*rate_op);
        inc(TotEval);
        _OM[369] := 0;
    inc(TotEval);
end;

//system_incentive_lt_b3 row: 372
    _CalcCost[370] :=
((1-(p_tap_annual+p_tap_triennial+p_tap_nine))*p_incentive)*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[370] > 0 then begin
        _Cost[370] := 2*(numb_samp_customer*cost_incentive);
        inc(TotEval);
        _OM[370] := 0;
    inc(TotEval);
end;

//system_hrs_discuss_baseline_lt_b3_5lt row: 373
    _CalcCost[371] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[371] > 0 then begin

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        _Cost[371] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*(hrs_discuss_samp_op*rate_
op));
        inc(TotEval);
        _OM[371] := 0;
        inc(TotEval);
        end;

//system_discuss_baseline_lt_b3_5lt row: 374
        _CalcCost[372] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-b_state_two)*(1-(p_s
ource_chng+p_treat_change));
        inc(TotEval);
        if _CalcCost[372] > 0 then begin
                _Cost[372] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_5_lt_samp);
                inc(TotEval);
                _OM[372] := 0;
                inc(TotEval);
                end;

//state_discuss_baseline_lt_b3_5lt row: 375
        _CalcCost[373] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*b_state_two*(1-(p_sourc
e_chng+p_treat_change));
        inc(TotEval);
        if _CalcCost[373] > 0 then begin
                _Cost[373] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_5_lt_samp);
                inc(TotEval);
                _OM[373] := 0;
                inc(TotEval);
                end;

//system_pickup_baseline_lt_b3 row: 376
        _CalcCost[374] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_tre
at_change));
        inc(TotEval);
        if _CalcCost[374] > 0 then begin
                _Cost[374] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*((hrs_pickup_samp_op*rate_
op)+cost_pickup_samp));
                inc(TotEval);
                _OM[374] := 0;
                inc(TotEval);
        end;

```

```

end;

//system_reject_baseline_lt_b3 row: 377
_CalcCost[375] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[375] > 0 then begin
    _Cost[375] :=
2*((numb_samp_customer*pp_samp_reject)*(hrs_samp_reject_op*rate_op));
inc(TotEval);
_OM[375] := 0;
inc(TotEval);
end;

//system_analyze_baseline_lt_b3 row: 378
_CalcCost[376] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[376] > 0 then begin
    _Cost[376] :=
2*(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab));
inc(TotEval);
_OM[376] := 0;
inc(TotEval);
end;

//state_analyze_baseline_lt_b3 row: 379
_CalcCost[377] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[377] > 0 then begin
    _Cost[377] :=
2*(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab));
inc(TotEval);
_OM[377] := 0;
inc(TotEval);
end;

//system_invalid_baseline_lt_b3 row: 380
_CalcCost[378] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);

```

```

    if _CalcCost[378] > 0 then begin
        _Cost[378] :=
2*((numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op));
        inc(TotEval);
        _OM[378] := 0;
        inc(TotEval);
    end;

    //state_invalid_baseline_lt_b3 row: 381
    _CalcCost[379] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[379] > 0 then begin
        _Cost[379] :=
2*((numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js));
        inc(TotEval);
        _OM[379] := 0;
        inc(TotEval);
    end;

    //system_annual_lt_b3 row: 382
    _CalcCost[380] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[380] > 0 then begin
        _Cost[380] := 2*(hrs_annual_lt_op*rate_op);
        inc(TotEval);
        _OM[380] := 0;
        inc(TotEval);
    end;

    //state_burd_annual_lt_b3 row: 383
    _CalcCost[381] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[381] > 0 then begin
        _Cost[381] := 2*(hrs_annual_lt_op*rate_op);
        inc(TotEval);
        _OM[381] := 0;
        inc(TotEval);
    end;

    //state_annual_lt_b3 row: 384
    _CalcCost[382] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);

```

```

if _CalcCost[382] > 0 then begin
    _Cost[382] := 2*(hrs_annual_lt_js*rate_js);
    inc(TotEval);
    _OM[382] := 0;
inc(TotEval);
end;

//system_lt_pe_b3 row: 385
_CalcCost[383] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[383] > 0 then begin
    _Cost[383] :=
2*((numb_samp_customer)*((hrs_inform_samp_op*rate_op)+cost_cust_lt));
    inc(TotEval);
    _OM[383] := 0;
inc(TotEval);
end;

//system_certify_lt_b3 row: 386
_CalcCost[384] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[384] > 0 then begin
    _Cost[384] := 2*(hrs_cert_cust_lt_op*rate_op);
    inc(TotEval);
    _OM[384] := 0;
inc(TotEval);
end;

//state_review_lt_b3 row: 387
_CalcCost[385] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[385] > 0 then begin
    _Cost[385] := 2*(hrs_cert_cust_lt_js*rate_js);
    inc(TotEval);
    _OM[385] := 0;
inc(TotEval);
end;

//system_report_tap_change_annual row: 388
_CalcCost[386] :=
p_tap_annual*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[386] > 0 then begin
    _Cost[386] := (hrs_chng_tap_op*rate_op);

```

```

        inc(TotEval);
        _OM[386] := 0;
    inc(TotEval);
end;

//state_review_tap_change_annual row: 389
    _CalcCost[387] :=
p_tap_annual*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[387] > 0 then begin
        _Cost[387] := (hrs_chng_tap_js*rate_js);
        inc(TotEval);
        _OM[387] := 0;
    inc(TotEval);
end;

//system_volunt_lt_annual row: 390
    _CalcCost[388] :=
p_tap_annual*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[388] > 0 then begin
        _Cost[388] :=
((numb_samp_customer+(numb_samp_customer*(1-pp_hh_return_samp))+(numb_samp_customer*
pp_samp_invalid)+(numb_samp_customer*pp_samp_reject))*(hrs_samp_volunt_op*rate_op));
        inc(TotEval);
        _OM[388] := 0;
    inc(TotEval);
end;

//system_incentive_lt_annual row: 391
    _CalcCost[389] :=
p_tap_annual*p_incentive*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[389] > 0 then begin
        _Cost[389] := (numb_samp_customer)*cost_incentive;
        inc(TotEval);
        _OM[389] := 0;
    inc(TotEval);
end;

//system_hrs_discuss_lt_annual_5lt row: 392
    _CalcCost[390] :=
p_tap_annual*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[390] > 0 then begin
        _Cost[390] :=
((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp
_hh_return_samp))+(numb_samp_customer*pp_samp_reject))*(hrs_discuss_samp_op*rate_op)
;
        inc(TotEval);
    end;

```

```

    _OM[390] := 0;
    inc(TotEval);
end;

//system_discuss_lt_annual_5lt row: 393
    _CalcCost[391] :=
p_tap_annual*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[391] > 0 then begin
        _Cost[391] :=
((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp
_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_5_lt_samp;
        inc(TotEval);
        _OM[391] := 0;
        inc(TotEval);
    end;

//state_discuss_lt_annual_5lt row: 394
    _CalcCost[392] :=
p_tap_annual*(1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[392] > 0 then begin
        _Cost[392] :=
((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp
_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_5_lt_samp;
        inc(TotEval);
        _OM[392] := 0;
        inc(TotEval);
    end;

//system_pickup_lt_annual row: 395
    _CalcCost[393] :=
p_tap_annual*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[393] > 0 then begin
        _Cost[393] :=
((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp
_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*((hrs_pickup_samp_op*rate_op)
+cost_pickup_samp);
        inc(TotEval);
        _OM[393] := 0;
        inc(TotEval);
    end;

//system_reject_lt_annual row: 396
    _CalcCost[394] :=
p_tap_annual*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[394] > 0 then begin
        _Cost[394] :=

```



```

((numb_samp_customer*pp_samp_reject)*(hrs_samp_reject_op*rate_op));
    inc(TotEval);
    _OM[394] := 0;
    inc(TotEval);
end;

//system_analyze_lt_annual row: 397
_CalcCost[395] :=
p_tap_annual*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[395] > 0 then begin
        _Cost[395] :=
((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_analy
ze_samp_op*rate_op)+cost_lab_lt_samp))+((numb_samp_customer+(numb_samp_customer*pp_
samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab);
        inc(TotEval);
        _OM[395] := 0;
        inc(TotEval);
    end;

//state_analyze_lt_annual row: 398
_CalcCost[396] :=
p_tap_annual*(1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[396] > 0 then begin
        _Cost[396] :=
((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_analy
ze_samp_op*rate_op)+cost_lab_lt_samp))+((numb_samp_customer+(numb_samp_customer*pp_
samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab);
        inc(TotEval);
        _OM[396] := 0;
        inc(TotEval);
    end;

//system_invalid_lt_annual row: 399
_CalcCost[397] :=
p_tap_annual*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[397] > 0 then begin
        _Cost[397] :=
(numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op);
        inc(TotEval);
        _OM[397] := 0;
        inc(TotEval);
    end;

//state_invalid_lt_annual row: 400
_CalcCost[398] :=
p_tap_annual*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);

```

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    if _CalcCost[398] > 0 then begin
        _Cost[398] :=
(numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js);
        inc(TotEval);
        _OM[398] := 0;
        inc(TotEval);
    end;

    //system_reduced_annual_report row: 401
    _CalcCost[399] :=
p_tap_annual*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[399] > 0 then begin
        _Cost[399] := (hrs_annual_lt_op*rate_op);
        inc(TotEval);
        _OM[399] := 0;
        inc(TotEval);
    end;

    //state_burd_reduced_annual_report row: 402
    _CalcCost[400] :=
p_tap_annual*(1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[400] > 0 then begin
        _Cost[400] := (hrs_annual_lt_op*rate_op);
        inc(TotEval);
        _OM[400] := 0;
        inc(TotEval);
    end;

    //state_reduced_annual_report row: 403
    _CalcCost[401] :=
p_tap_annual*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[401] > 0 then begin
        _Cost[401] := (hrs_annual_lt_js*rate_js);
        inc(TotEval);
        _OM[401] := 0;
        inc(TotEval);
    end;

    //system_lt_pe_annual row: 404
    _CalcCost[402] :=
p_tap_annual*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[402] > 0 then begin
        _Cost[402] :=
(numb_samp_customer)*((hrs_inform_samp_op*rate_op)+cost_cust_lt);
        inc(TotEval);
        _OM[402] := 0;
    end;

```

```

inc(TotEval);
end;

//system_reduced_annual_certify row: 405
_CalcCost[403] :=
p_tap_annual*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[403] > 0 then begin
    _Cost[403] := (hrs_cert_cust_lt_op*rate_op);
    inc(TotEval);
    _OM[403] := 0;
inc(TotEval);
end;

//state_reduced_annual_certify row: 406
_CalcCost[404] :=
p_tap_annual*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[404] > 0 then begin
    _Cost[404] := (hrs_cert_cust_lt_js*rate_js);
    inc(TotEval);
    _OM[404] := 0;
inc(TotEval);
end;

//system_report_tap_change_triennial row: 407
_CalcCost[405] :=
p_tap_triennial*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[405] > 0 then begin
    _Cost[405] := (hrs_chng_tap_op*rate_op);
    inc(TotEval);
    _OM[405] := 0;
inc(TotEval);
end;

//state_review_tap_change_triennial row: 408
_CalcCost[406] :=
p_tap_triennial*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[406] > 0 then begin
    _Cost[406] := (hrs_chng_tap_js*rate_js);
    inc(TotEval);
    _OM[406] := 0;
inc(TotEval);
end;

//system_volunt_lt_tri row: 409
_CalcCost[407] :=
p_tap_triennial*(1-system_pou)*(1-(p_source_chng+p_treat_change));

```

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    inc(TotEval);
    if _CalcCost[407] > 0 then begin
        _Cost[407] :=
((numb_reduced_tap+(numb_reduced_tap*(1-pp_hh_return_samp)))+(numb_reduced_tap*pp_sam
p_invalid)+(numb_reduced_tap*pp_samp_reject))*(hrs_samp_volunt_op*rate_op));
        inc(TotEval);
        _OM[407] := 0;
    inc(TotEval);
    end;

    //system_incentive_lt_tri row: 410
    _CalcCost[408] :=
p_tap_triennial*p_incentive*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[408] > 0 then begin
        _Cost[408] := (numb_reduced_tap)*cost_incentive;
        inc(TotEval);
        _OM[408] := 0;
    inc(TotEval);
    end;

    //system_hrs_discuss_lt_tri_5lt row: 411
    _CalcCost[409] :=
p_tap_triennial*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[409] > 0 then begin
        _Cost[409] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*(hrs_discuss_samp_op*rate_op);
        inc(TotEval);
        _OM[409] := 0;
    inc(TotEval);
    end;

    //system_discuss_lt_tri_5lt row: 412
    _CalcCost[410] :=
p_tap_triennial*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[410] > 0 then begin
        _Cost[410] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*cost_5_lt_samp;
        inc(TotEval);
        _OM[410] := 0;
    inc(TotEval);
    end;

    //state_discuss_lt_tri_5lt row: 413
    _CalcCost[411] :=
p_tap_triennial*(1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));

```

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    inc(TotEval);
    if _CalcCost[411] > 0 then begin
        _Cost[411] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*cost_5_lt_samp;
        inc(TotEval);
        _OM[411] := 0;
    inc(TotEval);
    end;

    //system_pickup_lt_tri row: 414
    _CalcCost[412] :=
p_tap_triennial*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[412] > 0 then begin
        _Cost[412] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*((hrs_pickup_samp_op*rate_op)+cost_pi
ckup_samp);
        inc(TotEval);
        _OM[412] := 0;
    inc(TotEval);
    end;

    //system_reject_lt_tri row: 415
    _CalcCost[413] :=
p_tap_triennial*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[413] > 0 then begin
        _Cost[413] := (numb_reduced_tap*pp_samp_reject)*(hrs_samp_reject_op*rate_op);
        inc(TotEval);
        _OM[413] := 0;
    inc(TotEval);
    end;

    //system_analyze_lt_tri row: 416
    _CalcCost[414] :=
p_tap_triennial*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[414] > 0 then begin
        _Cost[414] :=
(((numb_reduced_tap+(numb_reduced_tap*pp_samp_invalid))*pp_lab_samp)*((hrs_analyze_s
amp_op*rate_op)+cost_lab_lt_samp))+(((numb_reduced_tap+(numb_reduced_tap*pp_samp_inv
alid))*pp_commercial_samp)*cost_5_commercial_lab);
        inc(TotEval);
        _OM[414] := 0;
    inc(TotEval);
    end;

    //state_analyze_lt_tri row: 417

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    _CalcCost[415] :=
p_tap_triennial*(1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[415] > 0 then begin
        _Cost[415] :=
((numb_reduced_tap+(numb_reduced_tap*pp_samp_invalid))*pp_lab_samp)*((hrs_analyze_s
amp_op*rate_op)+cost_lab_lt_samp))+(((numb_reduced_tap+(numb_reduced_tap*pp_samp_inv
alid))*pp_commercial_samp)*cost_5_commercial_lab);
        inc(TotEval);
        _OM[415] := 0;
        inc(TotEval);
    end;

    //system_invalid_lt_tri row: 418
    _CalcCost[416] :=
p_tap_triennial*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[416] > 0 then begin
        _Cost[416] :=
(numb_reduced_tap*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op);
        inc(TotEval);
        _OM[416] := 0;
        inc(TotEval);
    end;

    //state_invalid_lt_tri row: 419
    _CalcCost[417] :=
p_tap_triennial*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[417] > 0 then begin
        _Cost[417] :=
(numb_reduced_tap*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js);
        inc(TotEval);
        _OM[417] := 0;
        inc(TotEval);
    end;

    //system_reduced_triennial_report row: 420
    _CalcCost[418] :=
p_tap_triennial*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[418] > 0 then begin
        _Cost[418] := (hrs_annual_lt_op*rate_op);
        inc(TotEval);
        _OM[418] := 0;
        inc(TotEval);
    end;

    //state_burd_reduced_triennial_report row: 421
    _CalcCost[419] :=

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p_tap_triennial*(1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[419] > 0 then begin
        _Cost[419] := (hrs_annual_lt_op*rate_op);
        inc(TotEval);
        _OM[419] := 0;
    inc(TotEval);
    end;

    //state_reduced_triennial_report row: 422
    _CalcCost[420] :=
p_tap_triennial*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[420] > 0 then begin
        _Cost[420] := (hrs_annual_lt_js*rate_js);
        inc(TotEval);
        _OM[420] := 0;
    inc(TotEval);
    end;

    //system_lt_pe_tri row: 423
    _CalcCost[421] :=
p_tap_triennial*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[421] > 0 then begin
        _Cost[421] := (numb_reduced_tap)*((hrs_inform_samp_op*rate_op)+cost_cust_lt);
        inc(TotEval);
        _OM[421] := 0;
    inc(TotEval);
    end;

    //system_reduced_triennial_certify row: 424
    _CalcCost[422] :=
p_tap_triennial*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[422] > 0 then begin
        _Cost[422] := (hrs_cert_cust_lt_op*rate_op);
        inc(TotEval);
        _OM[422] := 0;
    inc(TotEval);
    end;

    //state_reduced_triennial_certify row: 425
    _CalcCost[423] :=
p_tap_triennial*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[423] > 0 then begin
        _Cost[423] := (hrs_cert_cust_lt_js*rate_js);
        inc(TotEval);
        _OM[423] := 0;
    end;

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inc(TotEval);
end;

//system_report_tap_change_nine row: 426
_CalcCost[424] := p_tap_nine*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[424] > 0 then begin
    _Cost[424] := (hrs_chng_tap_op*rate_op);
    inc(TotEval);
    _OM[424] := 0;
inc(TotEval);
end;

//state_review_tap_change_nine row: 427
_CalcCost[425] := p_tap_nine*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[425] > 0 then begin
    _Cost[425] := (hrs_chng_tap_js*rate_js);
    inc(TotEval);
    _OM[425] := 0;
inc(TotEval);
end;

//system_volunt_lt_nine row: 428
_CalcCost[426] := p_tap_nine*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[426] > 0 then begin
    _Cost[426] :=
((numb_reduced_tap+(numb_reduced_tap*(1-pp_hh_return_samp)))+(numb_reduced_tap*pp_sam
p_invalid)+(numb_reduced_tap*pp_samp_reject))*(hrs_samp_volunt_op*rate_op));
    inc(TotEval);
    _OM[426] := 0;
inc(TotEval);
end;

//system_incentive_lt_nine row: 429
_CalcCost[427] :=
p_tap_nine*p_incentive*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[427] > 0 then begin
    _Cost[427] := (numb_reduced_tap)*cost_incentive;
    inc(TotEval);
    _OM[427] := 0;
inc(TotEval);
end;

//system_hrs_discuss_lt_nine_5lt row: 430
_CalcCost[428] := p_tap_nine*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[428] > 0 then begin

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        _Cost[428] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*(hrs_discuss_samp_op*rate_op);
        inc(TotEval);
        _OM[428] := 0;
        inc(TotEval);
        end;

//system_discuss_lt_nine_5lt row: 431
        _CalcCost[429] :=
p_tap_nine*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
        inc(TotEval);
        if _CalcCost[429] > 0 then begin
            _Cost[429] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*cost_5_lt_samp;
            inc(TotEval);
            _OM[429] := 0;
            inc(TotEval);
            end;

//state_discuss_lt_nine_5lt row: 432
        _CalcCost[430] :=
p_tap_nine*(1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
        inc(TotEval);
        if _CalcCost[430] > 0 then begin
            _Cost[430] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*cost_5_lt_samp;
            inc(TotEval);
            _OM[430] := 0;
            inc(TotEval);
            end;

//system_pickup_lt_nine row: 433
        _CalcCost[431] := p_tap_nine*(1-system_pou)*(1-(p_source_chng+p_treat_change));
        inc(TotEval);
        if _CalcCost[431] > 0 then begin
            _Cost[431] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*((hrs_pickup_samp_op*rate_op)+cost_pi
ckup_samp);
            inc(TotEval);
            _OM[431] := 0;
            inc(TotEval);
            end;

//system_reject_lt_nine row: 434
        _CalcCost[432] := p_tap_nine*(1-system_pou)*(1-(p_source_chng+p_treat_change));
        inc(TotEval);

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if _CalcCost[432] > 0 then begin
    _Cost[432] := (numb_reduced_tap*pp_samp_reject)*(hrs_samp_reject_op*rate_op);
    inc(TotEval);
    _OM[432] := 0;
inc(TotEval);
end;

//system_analyze_lt_nine row: 435
_CalcCost[433] :=
p_tap_nine*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[433] > 0 then begin
    _Cost[433] :=
(((numb_reduced_tap+(numb_reduced_tap*pp_samp_invalid))*pp_lab_samp)*((hrs_analyze_s
amp_op*rate_op)+cost_lab_lt_samp))+(((numb_reduced_tap+(numb_reduced_tap*pp_samp_inv
alid))*pp_commercial_samp)*cost_5_commercial_lab);
    inc(TotEval);
    _OM[433] := 0;
inc(TotEval);
end;

//state_analyze_lt_nine row: 436
_CalcCost[434] :=
p_tap_nine*(1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[434] > 0 then begin
    _Cost[434] :=
(((numb_reduced_tap+(numb_reduced_tap*pp_samp_invalid))*pp_lab_samp)*((hrs_analyze_s
amp_op*rate_op)+cost_lab_lt_samp))+(((numb_reduced_tap+(numb_reduced_tap*pp_samp_inv
alid))*pp_commercial_samp)*cost_5_commercial_lab);
    inc(TotEval);
    _OM[434] := 0;
inc(TotEval);
end;

//system_invalid_lt_nine row: 437
_CalcCost[435] := p_tap_nine*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[435] > 0 then begin
    _Cost[435] :=
(numb_reduced_tap*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op);
    inc(TotEval);
    _OM[435] := 0;
inc(TotEval);
end;

//state_invalid_lt_nine row: 438
_CalcCost[436] := p_tap_nine*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[436] > 0 then begin

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    _Cost[436] :=
(numb_reduced_tap*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js);
    inc(TotEval);
    _OM[436] := 0;
    inc(TotEval);
end;

//system_reduced_nine_report row: 439
    _CalcCost[437] :=
p_tap_nine*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[437] > 0 then begin
        _Cost[437] := (hrs_annual_lt_op*rate_op);
        inc(TotEval);
        _OM[437] := 0;
        inc(TotEval);
    end;

//state_burd_reduced_nine_report row: 440
    _CalcCost[438] :=
p_tap_nine*(1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[438] > 0 then begin
        _Cost[438] := (hrs_annual_lt_op*rate_op);
        inc(TotEval);
        _OM[438] := 0;
        inc(TotEval);
    end;

//state_reduced_nine_report row: 441
    _CalcCost[439] :=
p_tap_nine*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[439] > 0 then begin
        _Cost[439] := (hrs_annual_lt_js*rate_js);
        inc(TotEval);
        _OM[439] := 0;
        inc(TotEval);
    end;

//system_lt_pe_nine row: 442
    _CalcCost[440] := p_tap_nine*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[440] > 0 then begin
        _Cost[440] := (numb_reduced_tap)*((hrs_inform_samp_op*rate_op)+cost_cust_lt);
        inc(TotEval);
        _OM[440] := 0;
        inc(TotEval);
    end;

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//system_reduced_nine_certify row: 443
_CalcCost[441] := p_tap_nine*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[441] > 0 then begin
    _Cost[441] := (hrs_cert_cust_lt_op*rate_op);
    inc(TotEval);
    _OM[441] := 0;
inc(TotEval);
end;

//state_reduced_nine_certify row: 444
_CalcCost[442] := p_tap_nine*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[442] > 0 then begin
    _Cost[442] := (hrs_cert_cust_lt_js*rate_js);
    inc(TotEval);
    _OM[442] := 0;
inc(TotEval);
end;

//system_renew_nine row: 445
_CalcCost[443] := p_tap_nine*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[443] > 0 then begin
    _Cost[443] := (hrs_renew_nine_op*rate_op);
    inc(TotEval);
    _OM[443] := 0;
inc(TotEval);
end;

//state_review_nine row: 446
_CalcCost[444] := p_tap_nine*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[444] > 0 then begin
    _Cost[444] := (hrs_renew_nine_js*rate_js);
    inc(TotEval);
    _OM[444] := 0;
inc(TotEval);
end;

//system_report_tap_change_annual_b1 row: 447
_CalcCost[445] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[445] > 0 then begin
    _Cost[445] := (hrs_chng_tap_op*rate_op);
    inc(TotEval);
    _OM[445] := 0;
inc(TotEval);
end;

```

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//state_review_tap_change_b2 row: 448
_CalcCost[446] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[446] > 0 then begin
    _Cost[446] := (hrs_chng_tap_js*rate_js);
    inc(TotEval);
    _OM[446] := 0;
inc(TotEval);
end;

//system_volunt_lt_b2 row: 449
_CalcCost[447] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[447] > 0 then begin
    _Cost[447] :=
((numb_samp_customer+(numb_samp_customer*(1-pp_hh_return_samp))+(numb_samp_customer*
pp_samp_invalid)+(numb_samp_customer*pp_samp_reject))*(hrs_samp_volunt_op*rate_op));
    inc(TotEval);
    _OM[447] := 0;
inc(TotEval);
end;

//system_incentive_lt_b2 row: 450
_CalcCost[448] := p_incentive*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[448] > 0 then begin
    _Cost[448] := (numb_samp_customer)*cost_incentive;
    inc(TotEval);
    _OM[448] := 0;
inc(TotEval);
end;

//system_hrs_discuss_lt_b2_5lt row: 451
_CalcCost[449] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[449] > 0 then begin
    _Cost[449] :=
((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp
_hh_return_samp))+(numb_samp_customer*pp_samp_reject))*(hrs_discuss_samp_op*rate_op)
;
    inc(TotEval);
    _OM[449] := 0;
inc(TotEval);
end;

//system_discuss_lt_b2_5lt row: 452
_CalcCost[450] :=
(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[450] > 0 then begin

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        _Cost[450] :=
((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp
_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_5_lt_samp;
        inc(TotEval);
        _OM[450] := 0;
        inc(TotEval);
        end;

//state_discuss_lt_b2_5lt row: 453
        _CalcCost[451] := (1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
        inc(TotEval);
        if _CalcCost[451] > 0 then begin
            _Cost[451] :=
((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp
_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_5_lt_samp;
            inc(TotEval);
            _OM[451] := 0;
            inc(TotEval);
        end;

//system_pickup_lt_b2 row: 454
        _CalcCost[452] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
        inc(TotEval);
        if _CalcCost[452] > 0 then begin
            _Cost[452] :=
((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp
_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*((hrs_pickup_samp_op*rate_op)
+cost_pickup_samp);
            inc(TotEval);
            _OM[452] := 0;
            inc(TotEval);
        end;

//system_reject_lt_b2 row: 455
        _CalcCost[453] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
        inc(TotEval);
        if _CalcCost[453] > 0 then begin
            _Cost[453] :=
((numb_samp_customer*pp_samp_reject)*(hrs_samp_reject_op*rate_op));
            inc(TotEval);
            _OM[453] := 0;
            inc(TotEval);
        end;

//system_analyze_lt_b2 row: 456
        _CalcCost[454] :=
(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
        inc(TotEval);
        if _CalcCost[454] > 0 then begin
            _Cost[454] :=

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(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab);
    inc(TotEval);
    _OM[454] := 0;
    inc(TotEval);
end;

//state_analyze_lt_b2 row: 457
_CalcCost[455] := (1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[455] > 0 then begin
    _Cost[455] :=
(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab);
    inc(TotEval);
    _OM[455] := 0;
    inc(TotEval);
end;

//system_invalid_lt_b2 row: 458
_CalcCost[456] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[456] > 0 then begin
    _Cost[456] :=
(numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op);
    inc(TotEval);
    _OM[456] := 0;
    inc(TotEval);
end;

//state_invalid_lt_b2 row: 459
_CalcCost[457] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[457] > 0 then begin
    _Cost[457] :=
(numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js);
    inc(TotEval);
    _OM[457] := 0;
    inc(TotEval);
end;

//system_reduced_annual_report_b2 row: 460
_CalcCost[458] :=
(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[458] > 0 then begin
    _Cost[458] := (hrs_annual_lt_op*rate_op);
    inc(TotEval);
end;

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    _OM[458] := 0;
inc(TotEval);
end;

//state_burd_reduced_annual_report_b2 row: 461
_CalcCost[459] := (1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[459] > 0 then begin
    _Cost[459] := (hrs_annual_lt_op*rate_op);
    inc(TotEval);
    _OM[459] := 0;
inc(TotEval);
end;

//state_reduced_annual_report_b2 row: 462
_CalcCost[460] :=
(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[460] > 0 then begin
    _Cost[460] := (hrs_annual_lt_js*rate_js);
    inc(TotEval);
    _OM[460] := 0;
inc(TotEval);
end;

//system_lt_pe_annual_b2 row: 463
_CalcCost[461] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[461] > 0 then begin
    _Cost[461] :=
(numb_samp_customer)*((hrs_inform_samp_op*rate_op)+cost_cust_lt);
    inc(TotEval);
    _OM[461] := 0;
inc(TotEval);
end;

//system_reduced_annual_certify_b2 row: 464
_CalcCost[462] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[462] > 0 then begin
    _Cost[462] := (hrs_cert_cust_lt_op*rate_op);
    inc(TotEval);
    _OM[462] := 0;
inc(TotEval);
end;

//state_reduced_annual_certify_b2 row: 465
_CalcCost[463] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[463] > 0 then begin

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    _Cost[463] := (hrs_cert_cust_lt_js*rate_js);
    inc(TotEval);
    _OM[463] := 0;
    inc(TotEval);
end;

//system_report_tap_change row: 466
_CalcCost[464] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[464] > 0 then begin
    _Cost[464] := 2*(hrs_chng_tap_op*rate_op);
    inc(TotEval);
    _OM[464] := 0;
    inc(TotEval);
end;

//state_review_tap_change row: 467
_CalcCost[465] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[465] > 0 then begin
    _Cost[465] := 2*(hrs_chng_tap_js*rate_js);
    inc(TotEval);
    _OM[465] := 0;
    inc(TotEval);
end;

//system_volunt_lt row: 468
_CalcCost[466] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[466] > 0 then begin
    _Cost[466] :=
2*((numb_samp_customer+(numb_samp_customer*(1-pp_hh_return_samp)))+(numb_samp_custome
r*pp_samp_invalid)+(numb_samp_customer*pp_samp_reject))*(hrs_samp_volunt_op*rate_op)
);
    inc(TotEval);
    _OM[466] := 0;
    inc(TotEval);
end;

//system_incentive_lt row: 469
_CalcCost[467] := p_incentive*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[467] > 0 then begin
    _Cost[467] :=
2*((numb_samp_customer+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*pp_s
amp_reject))*cost_incentive);
    inc(TotEval);
    _OM[467] := 0;
    inc(TotEval);
end;

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//system_hrs_discuss_baseline_lt_5lt row: 470
_CalcCost[468] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[468] > 0 then begin
    _Cost[468] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*(hrs_discuss_samp_op*rate_
op));
    inc(TotEval);
    _OM[468] := 0;
inc(TotEval);
end;

//system_discuss_baseline_lt_5lt row: 471
_CalcCost[469] :=
(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[469] > 0 then begin
    _Cost[469] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*((hrs_discuss_samp_op*rate
_op)+cost_5_lt_samp));
    inc(TotEval);
    _OM[469] := 0;
inc(TotEval);
end;

//state_discuss_baseline_lt_5lt row: 472
_CalcCost[470] := (1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[470] > 0 then begin
    _Cost[470] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*((hrs_discuss_samp_op*rate
_op)+cost_5_lt_samp));
    inc(TotEval);
    _OM[470] := 0;
inc(TotEval);
end;

//system_pickup_baseline_lt row: 473
_CalcCost[471] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[471] > 0 then begin
    _Cost[471] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*((hrs_pickup_samp_op*rate
_op)+cost_pickup_samp);
    inc(TotEval);

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    _OM[471] := 0;
    inc(TotEval);
end;

//system_reject_baseline_lt row: 474
_CalcCost[472] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[472] > 0 then begin
    _Cost[472] :=
2*((numb_samp_customer*pp_samp_reject)*(hrs_samp_reject_op*rate_op));
    inc(TotEval);
    _OM[472] := 0;
    inc(TotEval);
end;

//system_analyze_baseline_lt row: 475
_CalcCost[473] :=
(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[473] > 0 then begin
    _Cost[473] :=
2*(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_an
alyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*
pp_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab));
    inc(TotEval);
    _OM[473] := 0;
    inc(TotEval);
end;

//state_analyze_baseline_lt row: 476
_CalcCost[474] := (1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[474] > 0 then begin
    _Cost[474] :=
2*(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_an
alyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*
pp_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab));
    inc(TotEval);
    _OM[474] := 0;
    inc(TotEval);
end;

//system_invalid_baseline_lt row: 477
_CalcCost[475] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[475] > 0 then begin
    _Cost[475] :=
2*((numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op));
    inc(TotEval);
    _OM[475] := 0;

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inc(TotEval);
end;

//state_invalid_baseline_lt row: 478
_CalcCost[476] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[476] > 0 then begin
    _Cost[476] :=
2*((numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js));
    inc(TotEval);
    _OM[476] := 0;
inc(TotEval);
end;

//system_annual_lt row: 479
_CalcCost[477] :=
(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[477] > 0 then begin
    _Cost[477] := 2*(hrs_annual_lt_op*rate_op);
    inc(TotEval);
    _OM[477] := 0;
inc(TotEval);
end;

//state_burd_annual_lt row: 480
_CalcCost[478] := (1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[478] > 0 then begin
    _Cost[478] := 2*(hrs_annual_lt_op*rate_op);
    inc(TotEval);
    _OM[478] := 0;
inc(TotEval);
end;

//state_annual_lt row: 481
_CalcCost[479] :=
(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[479] > 0 then begin
    _Cost[479] := 2*(hrs_annual_lt_js*rate_js);
    inc(TotEval);
    _OM[479] := 0;
inc(TotEval);
end;

//system_lt_pe row: 482
_CalcCost[480] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[480] > 0 then begin

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    _Cost[480] :=
2*((numb_samp_customer)*((hrs_inform_samp_op*rate_op)+cost_cust_lt));
    inc(TotEval);
    _OM[480] := 0;
    inc(TotEval);
end;

//system_certify_lt row: 483
_CalcCost[481] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[481] > 0 then begin
    _Cost[481] := 2*(hrs_cert_cust_lt_op*rate_op);
    inc(TotEval);
    _OM[481] := 0;
    inc(TotEval);
end;

//state_review_lt row: 484
_CalcCost[482] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[482] > 0 then begin
    _Cost[482] := 2*(hrs_cert_cust_lt_js*rate_js);
    inc(TotEval);
    _OM[482] := 0;
    inc(TotEval);
end;

//system_lt_pe_ntncws_tap row: 485
_CalcCost[483] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[483] > 0 then begin
    _Cost[483] := 2*((hrs_ntncws_inform_samp_op*rate_op)+cost_ntncws_cust_lt);
    inc(TotEval);
    _OM[483] := 0;
    inc(TotEval);
end;

//system_lt_pe_annual_ntncws_tap row: 486
_CalcCost[484] :=
p_tap_annual*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[484] > 0 then begin
    _Cost[484] := ((hrs_ntncws_inform_samp_op*rate_op)+cost_ntncws_cust_lt);
    inc(TotEval);
    _OM[484] := 0;
    inc(TotEval);
end;

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//system_lt_pe_tri_ntncws row: 487
_CalcCost[485] :=
p_tap_triennial*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[485] > 0 then begin
    _Cost[485] := ((hrs_ntncws_inform_samp_op*rate_op)+cost_ntncws_cust_lt);
    inc(TotEval);
    _OM[485] := 0;
inc(TotEval);
end;

//system_lt_pe_nine_ntncws row: 488
_CalcCost[486] := p_tap_nine*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[486] > 0 then begin
    _Cost[486] := ((hrs_ntncws_inform_samp_op*rate_op)+cost_ntncws_cust_lt);
    inc(TotEval);
    _OM[486] := 0;
inc(TotEval);
end;

//system_lt_pe_annual_ntncws row: 489
_CalcCost[487] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[487] > 0 then begin
    _Cost[487] := ((hrs_ntncws_inform_samp_op*rate_op)+cost_ntncws_cust_lt);
    inc(TotEval);
    _OM[487] := 0;
inc(TotEval);
end;

//system_lt_pe_ntncws row: 490
_CalcCost[488] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[488] > 0 then begin
    _Cost[488] := 2*((hrs_ntncws_inform_samp_op*rate_op)+cost_ntncws_cust_lt);
    inc(TotEval);
    _OM[488] := 0;
inc(TotEval);
end;

//system_report_tap_change_source row: 491
_CalcCost[489] := (1-system_pou)*((p_source_chng*p_source_sig)+p_treat_change);
inc(TotEval);
if _CalcCost[489] > 0 then begin
    _Cost[489] := 2*(hrs_chng_tap_op*rate_op);
    inc(TotEval);
    _OM[489] := 0;
inc(TotEval);
end;

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//state_review_tap_change_source row: 492
_CalcCost[490] := (1-system_pou)*((p_source_chng*p_source_sig)+p_treat_change);
inc(TotEval);
if _CalcCost[490] > 0 then begin
    _Cost[490] := 2*(hrs_chng_tap_js*rate_js);
    inc(TotEval);
    _OM[490] := 0;
inc(TotEval);
end;

//system_volunt_lt_source row: 493
_CalcCost[491] := (1-system_pou)*((p_source_chng*p_source_sig)+p_treat_change);
inc(TotEval);
if _CalcCost[491] > 0 then begin
    _Cost[491] :=
2*((numb_samp_customer+(numb_samp_customer*(1-pp_hh_return_samp)))+(numb_samp_custome
r*pp_samp_invalid)+(numb_samp_customer*pp_samp_reject))*(hrs_samp_volunt_op*rate_op)
);
    inc(TotEval);
    _OM[491] := 0;
inc(TotEval);
end;

//system_incentive_lt_source row: 494
_CalcCost[492] :=
(1-system_pou)*p_incentive*((p_source_chng*p_source_sig)+p_treat_change);
inc(TotEval);
if _CalcCost[492] > 0 then begin
    _Cost[492] := 2*(numb_samp_customer*cost_incentive);
    inc(TotEval);
    _OM[492] := 0;
inc(TotEval);
end;

//system_hrs_discuss_baseline_lt_source_5lt row: 495
_CalcCost[493] := (1-system_pou)*((p_source_chng*p_source_sig)+p_treat_change);
inc(TotEval);
if _CalcCost[493] > 0 then begin
    _Cost[493] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*(hrs_discuss_samp_op*rate_
op));
    inc(TotEval);
    _OM[493] := 0;
inc(TotEval);
end;

//system_discuss_baseline_lt_source_5lt row: 496
_CalcCost[494] :=

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(1-system_pou)*(1-b_state_two)*((p_source_chng*p_source_sig)+p_treat_change);
    inc(TotEval);
    if _CalcCost[494] > 0 then begin
        _Cost[494] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_5_lt_samp);
        inc(TotEval);
        _OM[494] := 0;
        inc(TotEval);
    end;

    //state_discuss_baseline_lt_source_5lt row: 497
    _CalcCost[495] :=
(1-system_pou)*b_state_two*((p_source_chng*p_source_sig)+p_treat_change);
    inc(TotEval);
    if _CalcCost[495] > 0 then begin
        _Cost[495] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_5_lt_samp);
        inc(TotEval);
        _OM[495] := 0;
        inc(TotEval);
    end;

    //system_pickup_baseline_lt_source row: 498
    _CalcCost[496] := (1-system_pou)*((p_source_chng*p_source_sig)+p_treat_change);
    inc(TotEval);
    if _CalcCost[496] > 0 then begin
        _Cost[496] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*((hrs_pickup_samp_op*rate_
op)+cost_pickup_samp));
        inc(TotEval);
        _OM[496] := 0;
        inc(TotEval);
    end;

    //system_reject_baseline_lt_source row: 499
    _CalcCost[497] := (1-system_pou)*((p_source_chng*p_source_sig)+p_treat_change);
    inc(TotEval);
    if _CalcCost[497] > 0 then begin
        _Cost[497] :=
2*((numb_samp_customer*pp_samp_reject)*(hrs_samp_reject_op*rate_op));
        inc(TotEval);
        _OM[497] := 0;
        inc(TotEval);
    end;

    //system_analyze_baseline_lt_source row: 500
    _CalcCost[498] :=

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(1-system_pou)*(1-b_state_two)*((p_source_chng*p_source_sig)+p_treat_change);
    inc(TotEval);
    if _CalcCost[498] > 0 then begin
        _Cost[498] :=
2*(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_an
alyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*
pp_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab));
        inc(TotEval);
        _OM[498] := 0;
        inc(TotEval);
    end;

    //state_analyze_baseline_lt_source row: 501
    _CalcCost[499] :=
(1-system_pou)*b_state_two*((p_source_chng*p_source_sig)+p_treat_change);
    inc(TotEval);
    if _CalcCost[499] > 0 then begin
        _Cost[499] :=
2*(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_an
alyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*
pp_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab));
        inc(TotEval);
        _OM[499] := 0;
        inc(TotEval);
    end;

    //system_invalid_baseline_lt_source row: 502
    _CalcCost[500] := (1-system_pou)*((p_source_chng*p_source_sig)+p_treat_change);
    inc(TotEval);
    if _CalcCost[500] > 0 then begin
        _Cost[500] :=
2*((numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op));
        inc(TotEval);
        _OM[500] := 0;
        inc(TotEval);
    end;

    //state_invalid_baseline_lt_source row: 503
    _CalcCost[501] := (1-system_pou)*((p_source_chng*p_source_sig)+p_treat_change);
    inc(TotEval);
    if _CalcCost[501] > 0 then begin
        _Cost[501] :=
2*((numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js));
        inc(TotEval);
        _OM[501] := 0;
        inc(TotEval);
    end;

    //system_annual_lt_source row: 504
    _CalcCost[502] :=

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(1-system_pou)*(1-b_state_two)*((p_source_chng*p_source_sig)+p_treat_change);
    inc(TotEval);
    if _CalcCost[502] > 0 then begin
        _Cost[502] := 2*(hrs_annual_lt_op*rate_op);
        inc(TotEval);
        _OM[502] := 0;
    inc(TotEval);
    end;

    //state_burd_annual_lt_source row: 505
    _CalcCost[503] :=
(1-system_pou)*b_state_two*((p_source_chng*p_source_sig)+p_treat_change);
    inc(TotEval);
    if _CalcCost[503] > 0 then begin
        _Cost[503] := 2*(hrs_annual_lt_op*rate_op);
        inc(TotEval);
        _OM[503] := 0;
    inc(TotEval);
    end;

    //state_annual_lt_source row: 506
    _CalcCost[504] :=
(1-system_pou)*(1-b_state_two)*((p_source_chng*p_source_sig)+p_treat_change);
    inc(TotEval);
    if _CalcCost[504] > 0 then begin
        _Cost[504] := 2*(hrs_annual_lt_js*rate_js);
        inc(TotEval);
        _OM[504] := 0;
    inc(TotEval);
    end;

    //system_lt_pe_source row: 507
    _CalcCost[505] := (1-system_pou)*((p_source_chng*p_source_sig)+p_treat_change);
    inc(TotEval);
    if _CalcCost[505] > 0 then begin
        _Cost[505] :=
2*((numb_samp_customer)*((hrs_inform_samp_op*rate_op)+cost_cust_lt));
        inc(TotEval);
        _OM[505] := 0;
    inc(TotEval);
    end;

    //system_certify_lt_source row: 508
    _CalcCost[506] := (1-system_pou)*((p_source_chng*p_source_sig)+p_treat_change);
    inc(TotEval);
    if _CalcCost[506] > 0 then begin
        _Cost[506] := 2*(hrs_cert_cust_lt_op*rate_op);
        inc(TotEval);
        _OM[506] := 0;
    inc(TotEval);

```

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end;

//state_review_lt_source row: 509
_CalcCost[507] := (1-system_pou)*((p_source_chng*p_source_sig)+p_treat_change);
inc(TotEval);
if _CalcCost[507] > 0 then begin
    _Cost[507] := 2*(hrs_cert_cust_lt_js*rate_js);
    inc(TotEval);
    _OM[507] := 0;
inc(TotEval);
end;

//system_nolsl_lt_pe_ntncws_tap_r1 row: 510
_CalcCost[508] := (1-system_pou)*((p_source_chng*p_source_sig)+p_treat_change);
inc(TotEval);
if _CalcCost[508] > 0 then begin
    _Cost[508] := 2*((hrs_ntncws_inform_samp_op*rate_op)+cost_ntncws_cust_lt);
    inc(TotEval);
    _OM[508] := 0;
inc(TotEval);
end;

//state_temp_ccr row: 511
_Cost[509] := (hrs_temp_ccr_js*rate_js);
inc(TotEval);
_OM[509] := 0;
inc(TotEval);

//system_update_ccr row: 512
_Cost[510] := (hrs_update_ccr_op*rate_op);
inc(TotEval);
_OM[510] := 0;
inc(TotEval);

//system_plan_new_outreach row: 513
_CalcCost[511] := pws_lsl;
inc(TotEval);
if _CalcCost[511] > 0 then begin
    _Cost[511] := (hrs_cust_plan_op*rate_op);
    inc(TotEval);
    _OM[511] := 0;
inc(TotEval);
end;

//system_access_lead row: 514
_Cost[512] := (hrs_pub_access_op*rate_op);
inc(TotEval);
_OM[512] := 0;
inc(TotEval);

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//system_access_lsl row: 515
_CalcCost[513] := pws_lsl;
inc(TotEval);
if _CalcCost[513] > 0 then begin
    _Cost[513] := (hrs_access_lsl_op*rate_op);
    inc(TotEval);
    _OM[513] := 0;
inc(TotEval);
end;

//system_maintain_lsl row: 516
_Cost[514] := (hrs_maint_lsl_op*rate_op);
inc(TotEval);
_OM[514] := 0;
inc(TotEval);

//system_homeowner_lsl row: 517
_CalcCost[515] := pws_lsl;
inc(TotEval);
if _CalcCost[515] > 0 then begin
    _Cost[515] :=
((pp_hh_request_lslr*(pws_pop/numb_hh))*((hrs_hh_request_op*rate_op)+cost_hh_request
));
    inc(TotEval);
    _OM[515] := 0;
inc(TotEval);
end;

//system_realtor_lsl row: 518
_CalcCost[516] := pws_lsl;
inc(TotEval);
if _CalcCost[516] > 0 then begin
    _Cost[516] :=
(numb_other_request*((hrs_other_request_op*rate_op)+cost_other_request));
    inc(TotEval);
    _OM[516] := 0;
inc(TotEval);
end;

//state_temp_hc row: 519
_Cost[517] := (hrs_pub_temp_hc_js*rate_js);
inc(TotEval);
_OM[517] := 0;
inc(TotEval);

//system_devel_list_hc row: 520
_Cost[518] := (numb_ha+1)*(hrs_hc_list_op*rate_op);
inc(TotEval);
_OM[518] := 0;
inc(TotEval);

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//system_devel_hc row: 521
_Cost[519] := (hrs_pub_devel_hc_op*rate_op);
    inc(TotEval);
_OM[519] := 0;
inc(TotEval);

//state_review_hc row: 522
_Cost[520] := (hrs_pub_rev_hc_js*rate_js);
    inc(TotEval);
_OM[520] := 0;
inc(TotEval);

//system_comm_hc row: 523
_Cost[521] := (numb_ha+1)*((hrs_hc_op*rate_op)+cost_hc);
    inc(TotEval);
_OM[521] := 0;
inc(TotEval);

//state_comm_hc row: 524
_Cost[522] := (hrs_hc_js*rate_js);
    inc(TotEval);
_OM[522] := 0;
inc(TotEval);

//system_devel_wr_pe row: 525
_CalcCost[523] := pws_lsl;
inc(TotEval);
if _CalcCost[523] > 0 then begin
    _Cost[523] := (hrs_pub_devel_wtr_op*rate_op);
    inc(TotEval);
    _OM[523] := 0;
inc(TotEval);
end;

//state_revev_pe_ww row: 526
_CalcCost[524] := pws_lsl;
inc(TotEval);
if _CalcCost[524] > 0 then begin
    _Cost[524] := (hrs_review_wtr_pe_js*rate_js);
    inc(TotEval);
    _OM[524] := 0;
inc(TotEval);
end;

//system_deliv_pe row: 527
_CalcCost[525] := pws_lsl;
inc(TotEval);
if _CalcCost[525] > 0 then begin
    _Cost[525] :=

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((hh_remain_lsl+hh_unknown_remain)*perc_hh_water_wrk)*((hrs_pub_deliv_wtr_op*rate_op
)+cost_pub_deliv_wtr_ed);
    inc(TotEval);
    _OM[525] := 0;
    inc(TotEval);
end;

//system_filter_ww row: 528
_CalcCost[526] := pws_lsl;
inc(TotEval);
if _CalcCost[526] > 0 then begin
    _Cost[526] :=
perc_hh_water_wrk*(hh_remain_lsl+hh_unknown_remain)*cost_filter_hh;
    inc(TotEval);
    _OM[526] := 0;
    inc(TotEval);
end;

//system_cert_pe row: 529
_Cost[527] := (hrs_pe_certify_quarterly_op*rate_op);
    inc(TotEval);
    _OM[527] := 0;
    inc(TotEval);

//state_review_cert_pe row: 530
_Cost[528] := (hrs_pe_certify_quarterly_js*rate_js);
    inc(TotEval);
    _OM[528] := 0;
    inc(TotEval);

//system_hrs_collect_sw row: 531
_CalcCost[529] := p_source_chng*p_source_sig;
inc(TotEval);
if _CalcCost[529] > 0 then begin
    _Cost[529] := (numb_ep*numb_st_sample)*(hrs_source_op*rate_op);
    inc(TotEval);
    _OM[529] := 0;
    inc(TotEval);
end;

//system_collect_sw row: 532
_CalcCost[530] := p_source_chng*p_source_sig*(1-b_state_two);
inc(TotEval);
if _CalcCost[530] > 0 then begin
    _Cost[530] := (numb_ep*numb_st_sample)*cost_source_material;
    inc(TotEval);
    _OM[530] := 0;
    inc(TotEval);
end;

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//state_collect_sw row: 533
_CalcCost[531] := p_source_chng*p_source_sig*b_state_two;
inc(TotEval);
if _CalcCost[531] > 0 then begin
    _Cost[531] := (numb_ep*numb_st_sample)*cost_source_material;
    inc(TotEval);
    _OM[531] := 0;
inc(TotEval);
end;

//system_analyze_sw row: 534
_CalcCost[532] := p_source_chng*p_source_sig*(1-b_state_two);
inc(TotEval);
if _CalcCost[532] > 0 then begin
    _Cost[532] :=
((pp_lab_samp*(numb_ep*numb_st_sample))*((hrs_analyze_samp_op*rate_op)+cost_source_a
nalyze))+((pp_commercial_samp*(numb_ep*numb_st_sample))*cost_source);
    inc(TotEval);
    _OM[532] := 0;
inc(TotEval);
end;

//state_analyze_sw row: 535
_CalcCost[533] := p_source_chng*p_source_sig*b_state_two;
inc(TotEval);
if _CalcCost[533] > 0 then begin
    _Cost[533] :=
((pp_lab_samp*(numb_ep*numb_st_sample))*((hrs_analyze_samp_op*rate_op)+cost_source_a
nalyze))+((pp_commercial_samp*(numb_ep*numb_st_sample))*cost_source);
    inc(TotEval);
    _OM[533] := 0;
inc(TotEval);
end;

//system_report_sw row: 536
_CalcCost[534] := p_source_chng*p_source_sig*(1-b_state_two);
inc(TotEval);
if _CalcCost[534] > 0 then begin
    _Cost[534] := (hrs_report_source_op*rate_op);
    inc(TotEval);
    _OM[534] := 0;
inc(TotEval);
end;

//state_report_sw row: 537
_CalcCost[535] := p_source_chng*p_source_sig*b_state_two;
inc(TotEval);
if _CalcCost[535] > 0 then begin
    _Cost[535] := (hrs_report_source_op*rate_op);
    inc(TotEval);

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    _OM[535] := 0;
inc(TotEval);
end;

//state_review_sw row: 538
_CalcCost[536] := p_source_chng*p_source_sig*(1-b_state_two);
inc(TotEval);
if _CalcCost[536] > 0 then begin
    _Cost[536] := (hrs_source_js*rate_js);
    inc(TotEval);
    _OM[536] := 0;
inc(TotEval);
end;

//system_consult_source row: 539
_CalcCost[537] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine))*p_source_chng;
inc(TotEval);
if _CalcCost[537] > 0 then begin
    _Cost[537] := (hrs_coop_source_chng_rout_op*rate_op);
    inc(TotEval);
    _OM[537] := 0;
inc(TotEval);
end;

//state_consult_source row: 540
_CalcCost[538] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine))*p_source_chng;
inc(TotEval);
if _CalcCost[538] > 0 then begin
    _Cost[538] := (hrs_coop_source_chng_rout_js*rate_js);
    inc(TotEval);
    _OM[538] := 0;
inc(TotEval);
end;

//system_consult_treat row: 541
_CalcCost[539] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine))*p_treat_change;
inc(TotEval);
if _CalcCost[539] > 0 then begin
    _Cost[539] := (hrs_coop_treat_chng_rout_op*rate_op);
    inc(TotEval);
    _OM[539] := 0;
inc(TotEval);
end;

//state_consult_treat row: 542
_CalcCost[540] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine))*p_treat_change;
inc(TotEval);
if _CalcCost[540] > 0 then begin
    _Cost[540] := (hrs_coop_treat_chng_rout_js*rate_js);
    inc(TotEval);

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    _OM[540] := 0;
inc(TotEval);
end;

//system_consult_source_red row: 543
_CalcCost[541] := (p_tap_annual+p_tap_triennial+p_tap_nine)*p_source_chng;
inc(TotEval);
if _CalcCost[541] > 0 then begin
    _Cost[541] := (hrs_coop_source_chng_red_op*rate_op);
    inc(TotEval);
    _OM[541] := 0;
inc(TotEval);
end;

//state_consult_source_red row: 544
_CalcCost[542] := (p_tap_annual+p_tap_triennial+p_tap_nine)*p_source_chng;
inc(TotEval);
if _CalcCost[542] > 0 then begin
    _Cost[542] := (hrs_coop_source_chng_red_js*rate_js);
    inc(TotEval);
    _OM[542] := 0;
inc(TotEval);
end;

//system_consult_treat_red row: 545
_CalcCost[543] := (p_tap_annual+p_tap_triennial+p_tap_nine)*p_treat_change;
inc(TotEval);
if _CalcCost[543] > 0 then begin
    _Cost[543] := (hrs_coop_treat_chng_red_op*rate_op);
    inc(TotEval);
    _OM[543] := 0;
inc(TotEval);
end;

//state_consult_treat_red row: 546
_CalcCost[544] := (p_tap_annual+p_tap_triennial+p_tap_nine)*p_treat_change;
inc(TotEval);
if _CalcCost[544] > 0 then begin
    _Cost[544] := (hrs_coop_treat_chng_red_js*rate_js);
    inc(TotEval);
    _OM[544] := 0;
inc(TotEval);
end;

//system_existing_cct row: 547
_CalcCost[545] := pws_cct;
inc(TotEval);
if _CalcCost[545] > 0 then begin
    _Cost[545] := cct_existing_cost;
    inc(TotEval);

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    _OM[545] := 0;
inc(TotEval);
end;

//system_revise_cct_mod_tl row: 548
_CalcCost[546] := b_cct_study_mod_tl;
inc(TotEval);
if _CalcCost[546] > 0 then begin
    _Cost[546] := cost_revise_cct;
    inc(TotEval);
    _OM[546] := 0;
inc(TotEval);
end;

//system_revise_cct_mod_al row: 549
_CalcCost[547] := b_cct_study_mod_al;
inc(TotEval);
if _CalcCost[547] > 0 then begin
    _Cost[547] := cost_cct_study_dem;
    inc(TotEval);
    _OM[547] := 0;
inc(TotEval);
end;

//state_review_cct_plan_mod_tl row: 550
_CalcCost[548] := b_cct_study_mod_tl;
inc(TotEval);
if _CalcCost[548] > 0 then begin
    _Cost[548] := (hrs_review_cct_study_lead_js*rate_js);
    inc(TotEval);
    _OM[548] := 0;
inc(TotEval);
end;

//state_review_cct_plan_mod_al row: 551
_CalcCost[549] := b_cct_study_mod_al;
inc(TotEval);
if _CalcCost[549] > 0 then begin
    _Cost[549] := (hrs_review_cct_study_lead_js*rate_js);
    inc(TotEval);
    _OM[549] := 0;
inc(TotEval);
end;

//state_owqp_cct_modify_tl row: 552
_CalcCost[550] := (b_cct_study_mod_tl+b_state_cct_treatment_mod_tl);
inc(TotEval);
if _CalcCost[550] > 0 then begin
    _Cost[550] := (hrs_reset_owqp_js*rate_js);
    inc(TotEval);

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    _OM[550] := 0;
inc(TotEval);
end;

//state_owqp_cct_modify_al row: 553
_CalcCost[551] := (b_cct_study_mod_al+b_state_cct_treatment_mod_al);
inc(TotEval);
if _CalcCost[551] > 0 then begin
    _Cost[551] := (hrs_reset_owqp_js*rate_js);
    inc(TotEval);
    _OM[551] := 0;
inc(TotEval);
end;

//system_modify_cct_tl row: 554
_CalcCost[552] := b_modify_cct_tl;
inc(TotEval);
if _CalcCost[552] > 0 then begin
    _Cost[552] := cct_modify_cost;
    inc(TotEval);
    _OM[552] := 0;
inc(TotEval);
end;

//system_modify_cct_al row: 555
_CalcCost[553] := b_modify_cct_al;
inc(TotEval);
if _CalcCost[553] > 0 then begin
    _Cost[553] := cct_modify_cost;
    inc(TotEval);
    _OM[553] := 0;
inc(TotEval);
end;

//system_cct_study_source_inst row: 556
_CalcCost[554] := b_cct_study_install;
inc(TotEval);
if _CalcCost[554] > 0 then begin
    _Cost[554] := cost_cct_study_dem;
    inc(TotEval);
    _OM[554] := 0;
inc(TotEval);
end;

//state_cct_rec_lcr_source_inst row: 557
_CalcCost[555] := b_cct_study_install;
inc(TotEval);
if _CalcCost[555] > 0 then begin
    _Cost[555] := (hrs_review_cct_study_lead_js*rate_js);
    inc(TotEval);

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    _OM[555] := 0;
inc(TotEval);
end;

//state_owqp_cct_install_wocct row: 558
_CalcCost[556] := b_cct_study_install;
inc(TotEval);
if _CalcCost[556] > 0 then begin
    _Cost[556] := (hrs_set_owqp_js*rate_js);
    inc(TotEval);
    _OM[556] := 0;
inc(TotEval);
end;

//system_install_cct row: 559
_CalcCost[557] := b_install_cct;
inc(TotEval);
if _CalcCost[557] > 0 then begin
    _Cost[557] := cct_install_cost;
    inc(TotEval);
    _OM[557] := 0;
inc(TotEval);
end;

//system_plan_lslr_vol row: 560
_CalcCost[558] := b_lslr_study;
inc(TotEval);
if _CalcCost[558] > 0 then begin
    _Cost[558] := (hrs_fin_op_op*rate_op);
    inc(TotEval);
    _OM[558] := 0;
inc(TotEval);
end;

//system_plan_lslr_mand row: 561
_CalcCost[559] := b_lslr_study;
inc(TotEval);
if _CalcCost[559] > 0 then begin
    _Cost[559] := (hrs_fin_op_op*rate_op);
    inc(TotEval);
    _OM[559] := 0;
inc(TotEval);
end;

//system_contact_lslr_vol row: 562
_CalcCost[560] := b_lslr_vol;
inc(TotEval);
if _CalcCost[560] > 0 then begin
    _Cost[560] :=
num_lsl_replace*((hrs_replaced_lsl_contact_op*rate_op)+cost_replaced_lsl_contact);

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```

        inc(TotEval);
        _OM[560] := 0;
    inc(TotEval);
end;

//system_lslr_vol row: 563
_CalcCost[561] := b_lslr_vol;
inc(TotEval);
if _CalcCost[561] > 0 then begin
    _Cost[561] :=
(pp_lslr_cap_emerg*((num_lslr_lsl_replace*cost_lslr_lsl_ccemg_vol_pws)+(num_lslr_gal
_prev_lsl_replace*cost_lslr_gal_prev_lsl_ccemg_pws)))+((1-pp_lslr_cap_emerg)*((num_l
slr_replace*cost_lslr_lsl_reg_vol_pws)+(num_lslr_partial_replace*cost_lslr_lsl_reg_v
ol_pws)+(num_lslr_gal_prev_lsl_replace*cost_lslr_gal_prev_lsl_reg_pws)));
    inc(TotEval);
    _OM[561] := 0;
inc(TotEval);
end;

//hh_lslr_vol row: 564
_CalcCost[562] := b_lslr_vol;
inc(TotEval);
if _CalcCost[562] > 0 then begin
    _Cost[562] :=
(pp_lslr_cap_emerg*(num_lslr_lsl_replace*cost_lslr_lsl_ccemg_vol_hh))+((1-pp_lslr_ca
p_emerg)*(num_lslr_lsl_replace*cost_lslr_lsl_reg_vol_hh));
    inc(TotEval);
    _OM[562] := 0;
inc(TotEval);
end;

//system_deliv_filters_vol row: 565
_CalcCost[563] := b_lslr_vol;
inc(TotEval);
if _CalcCost[563] > 0 then begin
    _Cost[563] := num_lsl_replace*cost_filter_hh;
    inc(TotEval);
    _OM[563] := 0;
inc(TotEval);
end;

//system_hrs_collect_tap_filters_vol row: 566
_CalcCost[564] := b_lslr_vol;
inc(TotEval);
if _CalcCost[564] > 0 then begin
    _Cost[564] :=
(numb_samp_lslr*num_lsl_replace)*(hrs_collect_lsl_lslr_op*rate_op);
    inc(TotEval);
    _OM[564] := 0;
inc(TotEval);
end;

```

```

end;

//system_collect_tap_filters_vol row: 567
_CalcCost[565] := b_lslr_vol*(1-b_state_two);
inc(TotEval);
if _CalcCost[565] > 0 then begin
    _Cost[565] := (numb_samp_lslr*num_lsl_replace)*cost_other_lt_samp;
    inc(TotEval);
    _OM[565] := 0;
inc(TotEval);
end;

//state_collect_tap_filters_vol row: 568
_CalcCost[566] := b_lslr_vol*b_state_two;
inc(TotEval);
if _CalcCost[566] > 0 then begin
    _Cost[566] := (numb_samp_lslr*num_lsl_replace)*cost_other_lt_samp;
    inc(TotEval);
    _OM[566] := 0;
inc(TotEval);
end;

//system_pickup_lt_vol row: 569
_CalcCost[567] := b_lslr_vol;
inc(TotEval);
if _CalcCost[567] > 0 then begin
    _Cost[567] := (numb_samp_lslr*num_lsl_replace)*(cost_pickup_samp);
    inc(TotEval);
    _OM[567] := 0;
inc(TotEval);
end;

//system_analyze_tap_filters_vol row: 570
_CalcCost[568] := b_lslr_vol*(1-b_state_two);
inc(TotEval);
if _CalcCost[568] > 0 then begin
    _Cost[568] :=
(((numb_samp_lslr*num_lsl_replace)*pp_lab_samp)*((hrs_analyze_lsl_lslr_op*rate_op)+c
ost_lab_lsl_lslr))+(((numb_samp_lslr*num_lsl_replace)*pp_commercial_samp)*cost_comme
rcial_lsl_lslr);
    inc(TotEval);
    _OM[568] := 0;
inc(TotEval);
end;

//state_analyze_tap_filters_vol row: 571
_CalcCost[569] := b_lslr_vol*b_state_two;
inc(TotEval);
if _CalcCost[569] > 0 then begin
    _Cost[569] :=

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```

(((numb_samp_lslr*num_lsl_replace)*pp_lab_samp)*((hrs_analyze_lsl_lslr_op*rate_op)+c
ost_lab_lsl_lslr))+(((numb_samp_lslr*num_lsl_replace)*pp_commercial_samp)*cost_comme
rcial_lsl_lslr);
    inc(TotEval);
    _OM[569] := 0;
    inc(TotEval);
end;

//system_inform_tap_filters_vol row: 572
_CalcCost[570] := b_lslr_vol;
inc(TotEval);
if _CalcCost[570] > 0 then begin
    _Cost[570] := num_lsl_replace*((hrs_inform_samp_op*rate_op)+cost_cust_lslr);
    inc(TotEval);
    _OM[570] := 0;
    inc(TotEval);
end;

//system_consult_fail row: 573
_CalcCost[571] := (1-meet_lslr_goal);
inc(TotEval);
if _CalcCost[571] > 0 then begin
    _Cost[571] := (hrs_consult_fail_op*rate_op);
    inc(TotEval);
    _OM[571] := 0;
    inc(TotEval);
end;

//state_consult_fail row: 574
_CalcCost[572] := (1-meet_lslr_goal);
inc(TotEval);
if _CalcCost[572] > 0 then begin
    _Cost[572] := (hrs_consult_fail_js*rate_js);
    inc(TotEval);
    _OM[572] := 0;
    inc(TotEval);
end;

//system_fail_one_two_three row: 575
_CalcCost[573] := fail_nm1;
inc(TotEval);
if _CalcCost[573] > 0 then begin
    _Cost[573] := hh_remain_lsl*((hrs_fail_hh_op*rate_op)+cost_fail_hh);
    inc(TotEval);
    _OM[573] := 0;
    inc(TotEval);
end;

//system_fail_four row: 576
_CalcCost[574] := fail_nm2;

```

```
inc(TotEval);
if _CalcCost[574] > 0 then begin
    _Cost[574] := ((hrs_fail_sys_op*rate_op)+cost_fail_sys);
    inc(TotEval);
    _OM[574] := 0;
inc(TotEval);
end;
```

```
//system_lslr_report_mand row: 577
_CalcCost[575] := b_lslr_mand;
inc(TotEval);
if _CalcCost[575] > 0 then begin
    _Cost[575] := (hrs_report_lcr_op*rate_op);
    inc(TotEval);
    _OM[575] := 0;
inc(TotEval);
end;
```

```
//system_lslr_report_request row: 578
_CalcCost[576] := b_lslr_requested;
inc(TotEval);
if _CalcCost[576] > 0 then begin
    _Cost[576] := (hrs_report_lcr_op*rate_op);
    inc(TotEval);
    _OM[576] := 0;
inc(TotEval);
end;
```

```
//system_lslr_report_vol row: 579
_CalcCost[577] := b_lslr_vol;
inc(TotEval);
if _CalcCost[577] > 0 then begin
    _Cost[577] := (hrs_report_lcr_op*rate_op);
    inc(TotEval);
    _OM[577] := 0;
inc(TotEval);
end;
```

```
//state_lslr_review_vol row: 580
_CalcCost[578] := b_lslr_vol;
inc(TotEval);
if _CalcCost[578] > 0 then begin
    _Cost[578] := (hrs_report_lcr_js*rate_js);
    inc(TotEval);
    _OM[578] := 0;
inc(TotEval);
end;
```

```
//state_lslr_review_mand row: 581
_CalcCost[579] := b_lslr_mand;
```



```

inc(TotEval);
if _CalcCost[579] > 0 then begin
    _Cost[579] := (hrs_report_lcr_js*rate_js);
    inc(TotEval);
    _OM[579] := 0;
inc(TotEval);
end;

//state_lslr_review_request row: 582
_CalcCost[580] := b_lslr_requested;
inc(TotEval);
if _CalcCost[580] > 0 then begin
    _Cost[580] := (hrs_report_lcr_js*rate_js);
    inc(TotEval);
    _OM[580] := 0;
inc(TotEval);
end;

//state_temp_outreach_lslr row: 583
_CalcCost[581] := b_lslr_vol;
inc(TotEval);
if _CalcCost[581] > 0 then begin
    _Cost[581] := (hrs_temp_lslr_out_js*rate_js);
    inc(TotEval);
    _OM[581] := 0;
inc(TotEval);
end;

//system_consult_outreach_lslr row: 584
_CalcCost[582] := b_lslr_vol;
inc(TotEval);
if _CalcCost[582] > 0 then begin
    _Cost[582] := (hrs_lslr_out_op*rate_op);
    inc(TotEval);
    _OM[582] := 0;
inc(TotEval);
end;

//system_distribut_outreach_lslr row: 585
_CalcCost[583] := b_lslr_vol;
inc(TotEval);
if _CalcCost[583] > 0 then begin
    _Cost[583] := (hh_remain_lsl*((hrs_dist_lslr_out_op*rate_op)+cost_lslr_out));
    inc(TotEval);
    _OM[583] := 0;
inc(TotEval);
end;

//state_review_lslr_pe row: 586
_CalcCost[584] := b_lslr_vol;

```

```

inc(TotEval);
if _CalcCost[584] > 0 then begin
    _Cost[584] := (hrs_review_targeted_pe_js*rate_js);
    inc(TotEval);
    _OM[584] := 0;
inc(TotEval);
end;

//system_consult_source_b21 row: 587
_CalcCost[585] := p_source_chng;
inc(TotEval);
if _CalcCost[585] > 0 then begin
    _Cost[585] := (hrs_coop_source_chng_rout_op*rate_op);
    inc(TotEval);
    _OM[585] := 0;
inc(TotEval);
end;

//state_consult_source_b21 row: 588
_CalcCost[586] := p_source_chng;
inc(TotEval);
if _CalcCost[586] > 0 then begin
    _Cost[586] := (hrs_coop_source_chng_rout_js*rate_js);
    inc(TotEval);
    _OM[586] := 0;
inc(TotEval);
end;

//system_consult_treat_b21 row: 589
_CalcCost[587] := p_treat_change;
inc(TotEval);
if _CalcCost[587] > 0 then begin
    _Cost[587] := (hrs_coop_treat_chng_rout_op*rate_op);
    inc(TotEval);
    _OM[587] := 0;
inc(TotEval);
end;

//state_consult_treat_b21 row: 590
_CalcCost[588] := p_treat_change;
inc(TotEval);
if _CalcCost[588] > 0 then begin
    _Cost[588] := (hrs_coop_treat_chng_rout_js*rate_js);
    inc(TotEval);
    _OM[588] := 0;
inc(TotEval);
end;

//system_contact_lslr row: 591
_CalcCost[589] := b_lslr_mand;

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    inc(TotEval);
    if _CalcCost[589] > 0 then begin
        _Cost[589] :=
num_lsl_replace*((hrs_replaced_lsl_contact_op*rate_op)+cost_replaced_lsl_contact);
        inc(TotEval);
        _OM[589] := 0;
        inc(TotEval);
    end;

    //system_lslr_one row: 592
    _CalcCost[590] := b_lslr_mand;
    inc(TotEval);
    if _CalcCost[590] > 0 then begin
        _Cost[590] :=
(pp_lslr_cap_emerg*((num_lslr_lsl_replace*cost_lslr_lsl_ccemg_mand_pws)+(num_lslr_ga
l_prev_lsl_replace*cost_lslr_gal_prev_lsl_ccemg_pws)))+(1-pp_lslr_cap_emerg)*((num_
lslr_replace*cost_lslr_lsl_reg_mand_pws)+(num_lslr_partial_replace*cost_lslr_partial
_reg_pws)+(num_lslr_gal_prev_lsl_replace*cost_lslr_gal_prev_lsl_reg_pws)));
        inc(TotEval);
        _OM[590] := 0;
        inc(TotEval);
    end;

    //hh_lslr_one row: 593
    _CalcCost[591] := b_lslr_mand;
    inc(TotEval);
    if _CalcCost[591] > 0 then begin
        _Cost[591] := (num_lsl_replace*0);
        inc(TotEval);
        _OM[591] := 0;
        inc(TotEval);
    end;

    //system_deliv_initial_filter_one row: 594
    _CalcCost[592] := b_lslr_mand;
    inc(TotEval);
    if _CalcCost[592] > 0 then begin
        _Cost[592] := num_lsl_replace*cost_filter_hh;
        inc(TotEval);
        _OM[592] := 0;
        inc(TotEval);
    end;

    //system_hrs_collect_tap_filter_one row: 595
    _CalcCost[593] := b_lslr_mand;
    inc(TotEval);
    if _CalcCost[593] > 0 then begin
        _Cost[593] :=
(numb_samp_lslr*num_lsl_replace)*(hrs_collect_lsl_lslr_op*rate_op);
        inc(TotEval);
    end;

```

```

    _OM[593] := 0;
    inc(TotEval);
end;

//system_collect_tap_filter_one row: 596
_CalcCost[594] := b_lslr_mand*(1-b_state_two);
inc(TotEval);
if _CalcCost[594] > 0 then begin
    _Cost[594] := (numb_samp_lslr*num_lsl_replace)*cost_other_lt_samp;
    inc(TotEval);
    _OM[594] := 0;
inc(TotEval);
end;

//state_collect_tap_filter_one row: 597
_CalcCost[595] := b_lslr_mand*b_state_two;
inc(TotEval);
if _CalcCost[595] > 0 then begin
    _Cost[595] := (numb_samp_lslr*num_lsl_replace)*cost_other_lt_samp;
    inc(TotEval);
    _OM[595] := 0;
inc(TotEval);
end;

//system_pickup_mand row: 598
_CalcCost[596] := b_lslr_mand;
inc(TotEval);
if _CalcCost[596] > 0 then begin
    _Cost[596] := (numb_samp_lslr*num_lsl_replace)*(cost_pickup_samp);
    inc(TotEval);
    _OM[596] := 0;
inc(TotEval);
end;

//system_analyze_tap_filter_one row: 599
_CalcCost[597] := b_lslr_mand*(1-b_state_two);
inc(TotEval);
if _CalcCost[597] > 0 then begin
    _Cost[597] :=
(((numb_samp_lslr*num_lsl_replace)*pp_lab_samp)*((hrs_analyze_lsl_lslr_op*rate_op)+c
ost_lab_lsl_lslr))+(((numb_samp_lslr*num_lsl_replace)*pp_commercial_samp)*cost_comme
rcial_lsl_lslr);
    inc(TotEval);
    _OM[597] := 0;
inc(TotEval);
end;

//state_analyze_tap_filter_one row: 600
_CalcCost[598] := b_lslr_mand*b_state_two;
inc(TotEval);

```

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    if _CalcCost[598] > 0 then begin
        _Cost[598] :=
(((numb_samp_lslr*num_lsl_replace)*pp_lab_samp)*((hrs_analyze_lsl_lslr_op*rate_op)+c
ost_lab_lsl_lslr))+(((numb_samp_lslr*num_lsl_replace)*pp_commercial_samp)*cost_comme
rcial_lsl_lslr);
        inc(TotEval);
        _OM[598] := 0;
        inc(TotEval);
    end;

    //system_inform_tap_filter_one row: 601
    _CalcCost[599] := b_lslr_mand;
    inc(TotEval);
    if _CalcCost[599] > 0 then begin
        _Cost[599] := num_lsl_replace*((hrs_inform_samp_op*rate_op)+cost_cust_lslr);
        inc(TotEval);
        _OM[599] := 0;
        inc(TotEval);
    end;

    //system_inform_tap_filter_ntncws row: 602
    _CalcCost[600] := b_lslr_mand;
    inc(TotEval);
    if _CalcCost[600] > 0 then begin
        _Cost[600] := (hrs_ntncws_cust_lslr_op*rate_op)+cost_ntncws_cust_lslr;
        inc(TotEval);
        _OM[600] := 0;
        inc(TotEval);
    end;

    //system_contact_lslr_request row: 603
    _CalcCost[601] := b_lslr_requested;
    inc(TotEval);
    if _CalcCost[601] > 0 then begin
        _Cost[601] :=
num_lsl_requested*((hrs_replaced_lsl_contact_op*rate_op)+cost_replaced_lsl_contact);
        inc(TotEval);
        _OM[601] := 0;
        inc(TotEval);
    end;

    //system_lslr_request row: 604
    _CalcCost[602] := b_lslr_requested;
    inc(TotEval);
    if _CalcCost[602] > 0 then begin
        _Cost[602] := (num_lsl_requested*cost_lslr_lsl_reg_vol_pws);
        inc(TotEval);
        _OM[602] := 0;
        inc(TotEval);
    end;

```

```

//system_deliv_initial_filter_request row: 605
_CalcCost[603] := b_lslr_requested;
inc(TotEval);
if _CalcCost[603] > 0 then begin
    _Cost[603] := num_lsl_requested*cost_filter_hh;
    inc(TotEval);
    _OM[603] := 0;
inc(TotEval);
end;

//system_hrs_collect_tap_filter_request row: 606
_CalcCost[604] := b_lslr_requested;
inc(TotEval);
if _CalcCost[604] > 0 then begin
    _Cost[604] :=
(numb_samp_lslr*num_lsl_requested)*(hrs_collect_lsl_lslr_op*rate_op);
    inc(TotEval);
    _OM[604] := 0;
inc(TotEval);
end;

//system_collect_tap_filter_request row: 607
_CalcCost[605] := b_lslr_requested*(1-b_state_two);
inc(TotEval);
if _CalcCost[605] > 0 then begin
    _Cost[605] := (numb_samp_lslr*num_lsl_requested)*cost_other_lt_samp;
    inc(TotEval);
    _OM[605] := 0;
inc(TotEval);
end;

//state_collect_tap_filter_request row: 608
_CalcCost[606] := b_lslr_requested*b_state_two;
inc(TotEval);
if _CalcCost[606] > 0 then begin
    _Cost[606] := (numb_samp_lslr*num_lsl_requested)*cost_other_lt_samp;
    inc(TotEval);
    _OM[606] := 0;
inc(TotEval);
end;

//system_pickup_request row: 609
_CalcCost[607] := b_lslr_requested;
inc(TotEval);
if _CalcCost[607] > 0 then begin
    _Cost[607] := (numb_samp_lslr*num_lsl_requested)*(cost_pickup_samp);
    inc(TotEval);
    _OM[607] := 0;
inc(TotEval);
end;

```

end;

//system\_analyze\_tap\_filter\_request row: 610

\_CalcCost[608] := b\_lslr\_requested\*(1-b\_state\_two);

inc(TotEval);

if \_CalcCost[608] > 0 then begin

\_Cost[608] :=

((numb\_samp\_lslr\*num\_lsl\_requested)\*pp\_lab\_samp)\*((hrs\_analyze\_lsl\_lslr\_op\*rate\_op)+cost\_lab\_lsl\_lslr))+((numb\_samp\_lslr\*num\_lsl\_requested)\*pp\_commercial\_samp)\*cost\_commercial\_lsl\_lslr);

inc(TotEval);

\_OM[608] := 0;

inc(TotEval);

end;

//state\_analyze\_tap\_filter\_request row: 611

\_CalcCost[609] := b\_lslr\_requested\*b\_state\_two;

inc(TotEval);

if \_CalcCost[609] > 0 then begin

\_Cost[609] :=

((numb\_samp\_lslr\*num\_lsl\_requested)\*pp\_lab\_samp)\*((hrs\_analyze\_lsl\_lslr\_op\*rate\_op)+cost\_lab\_lsl\_lslr))+((numb\_samp\_lslr\*num\_lsl\_requested)\*pp\_commercial\_samp)\*cost\_commercial\_lsl\_lslr);

inc(TotEval);

\_OM[609] := 0;

inc(TotEval);

end;

//system\_inform\_tap\_filter\_request row: 612

\_CalcCost[610] := b\_lslr\_requested;

inc(TotEval);

if \_CalcCost[610] > 0 then begin

\_Cost[610] := num\_lsl\_requested\*((hrs\_inform\_samp\_op\*rate\_op)+cost\_cust\_lslr);

inc(TotEval);

\_OM[610] := 0;

inc(TotEval);

end;

//system\_pe\_lead\_one row: 613

\_Cost[611] := (hrs\_pe\_al\_devel\_op\*rate\_op);

inc(TotEval);

\_OM[611] := 0;

inc(TotEval);

//state\_pe\_lead\_one row: 614

\_Cost[612] := (hrs\_ale\_lang\_js\*rate\_js);

inc(TotEval);

\_OM[612] := 0;

inc(TotEval);

```

//system_deliv_lead_pe_one row: 615
_Cost[613] :=
((pws_pop/numb_hh)*((hrs_distr_edu_op*rate_op)+cost_pe_lcr_delivery));
    inc(TotEval);
_OM[613] := 0;
inc(TotEval);

//system_devel_list_pe_one row: 616
_Cost[614] := numb_ha*(hrs_ha_op*rate_op);
    inc(TotEval);
_OM[614] := 0;
inc(TotEval);

//system_notify_ha row: 617
_Cost[615] :=
numb_lcr_other_org*((hrs_distr_agencies_pe_op*rate_op)+cost_pe_lead_ale);
    inc(TotEval);
_OM[615] := 0;
inc(TotEval);

//system_post_one row: 618
_Cost[616] := (hrs_web_op*rate_op);
    inc(TotEval);
_OM[616] := 0;
inc(TotEval);

//system_consult_one row: 619
_Cost[617] := (hrs_ale_consult_op*rate_op);
    inc(TotEval);
_OM[617] := 0;
inc(TotEval);

//state_consult_one row: 620
_Cost[618] := (hrs_ale_consult_js*rate_js);
    inc(TotEval);
_OM[618] := 0;
inc(TotEval);

//system_other_pe_one row: 621
_Cost[619] := (hrs_ale_other_op*rate_op)+cost_ale_other;
    inc(TotEval);
_OM[619] := 0;
inc(TotEval);

//system_pr_one row: 622
_Cost[620] := 2*((hrs_pr_op*rate_op)+cost_pr);
    inc(TotEval);
_OM[620] := 0;
inc(TotEval);

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//system_collect_wqp_ep_w_cct_ph row: 623
_CalcCost[621] := pws_cct*p_wqp_all*pbaseph;
inc(TotEval);
if _CalcCost[621] > 0 then begin
    _Cost[621] :=
26*((numb_ep*numb_ep_wqp)*((hrs_ep_wqp_op*rate_op)+cost_ep_wqp_ph_material));
    inc(TotEval);
    _OM[621] := 0;
inc(TotEval);
end;

//system_analyze_wqp_ep_w_cct_ph row: 624
_CalcCost[622] := pws_cct*p_wqp_all*pbaseph;
inc(TotEval);
if _CalcCost[622] > 0 then begin
    _Cost[622] :=
26*(((numb_ep*numb_ep_wqp)*pp_lab_samp)*((hrs_wqp_analyze_ph_ep_op*rate_op)+cost_wq
p_analyze_ph_ep))+(((numb_ep*numb_ep_wqp)*pp_commercial_samp)*cost_lab_wqp_ph_ep));
    inc(TotEval);
    _OM[622] := 0;
inc(TotEval);
end;

//system_report_ep_wqp_w_cct_ph row: 625
_CalcCost[623] := pws_cct*p_wqp_all*pbaseph;
inc(TotEval);
if _CalcCost[623] > 0 then begin
    _Cost[623] := 2*(hrs_report_wqp_op*rate_op);
    inc(TotEval);
    _OM[623] := 0;
inc(TotEval);
end;

//state_review_wqp_ep_w_cct_ph row: 626
_CalcCost[624] := pws_cct*p_wqp_all*pbaseph;
inc(TotEval);
if _CalcCost[624] > 0 then begin
    _Cost[624] := 2*(hrs_wqp_js*rate_js);
    inc(TotEval);
    _OM[624] := 0;
inc(TotEval);
end;

//system_collect_wqp_ep_w_cct_ortho row: 627
_CalcCost[625] := pws_cct*p_wqp_all*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[625] > 0 then begin
    _Cost[625] :=
26*((numb_ep*numb_ep_wqp)*((hrs_ep_wqp_op*rate_op)+cost_ep_wqp_ortho_material));
    inc(TotEval);

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    _OM[625] := 0;
    inc(TotEval);
end;

//system_analyze_wqp_ep_w_cct_ortho row: 628
_CalcCost[626] := pws_cct*p_wqp_all*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[626] > 0 then begin
    _Cost[626] :=
26*(((numb_ep*numb_ep_wqp)*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wq
p_analyze_ortho_ep))+(((numb_ep*numb_ep_wqp)*pp_commercial_samp)*cost_lab_wqp_ortho_
ep));
    inc(TotEval);
    _OM[626] := 0;
    inc(TotEval);
end;

//system_report_ep_wqp_w_cct_ortho row: 629
_CalcCost[627] := pws_cct*p_wqp_all*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[627] > 0 then begin
    _Cost[627] := 2*(hrs_report_wqp_op*rate_op);
    inc(TotEval);
    _OM[627] := 0;
    inc(TotEval);
end;

//state_review_wqp_ep_w_cct_ortho row: 630
_CalcCost[628] := pws_cct*p_wqp_all*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[628] > 0 then begin
    _Cost[628] := 2*(hrs_wqp_js*rate_js);
    inc(TotEval);
    _OM[628] := 0;
    inc(TotEval);
end;

//system_plan_pou row: 631
_CalcCost[629] := b_install_pou+b_pou_study;
inc(TotEval);
if _CalcCost[629] > 0 then begin
    _Cost[629] := (hrs_pou_plan_dev_op*rate_op);
    inc(TotEval);
    _OM[629] := 0;
    inc(TotEval);
end;

//state_confer_pou row: 632
_CalcCost[630] := b_install_pou+b_pou_study;
inc(TotEval);

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if _CalcCost[630] > 0 then begin
    _Cost[630] := (hrs_pou_plan_rev_js*rate_js);
    inc(TotEval);
    _OM[630] := 0;
inc(TotEval);
end;

//state_temp_pe_pou row: 633
_CalcCost[631] := b_install_pou;
inc(TotEval);
if _CalcCost[631] > 0 then begin
    _Cost[631] := (hrs_temp_pou_js*rate_js);
    inc(TotEval);
    _OM[631] := 0;
inc(TotEval);
end;

//system_devel_pe_pou row: 634
_CalcCost[632] := b_install_pou;
inc(TotEval);
if _CalcCost[632] > 0 then begin
    _Cost[632] := (hrs_pe_pou_op*rate_op);
    inc(TotEval);
    _OM[632] := 0;
inc(TotEval);
end;

//state_pe_pou_review row: 635
_CalcCost[633] := b_install_pou;
inc(TotEval);
if _CalcCost[633] > 0 then begin
    _Cost[633] := (hrs_review_pe_pou_js*rate_js);
    inc(TotEval);
    _OM[633] := 0;
inc(TotEval);
end;

//system_provide_pou_pub_ed row: 636
_CalcCost[634] := system_pou;
inc(TotEval);
if _CalcCost[634] > 0 then begin
    _Cost[634] :=
(pws_pop/numb_hh)*((hrs_print_pe_pou_op*rate_op)+cost_print_pe_pou);
    inc(TotEval);
    _OM[634] := 0;
inc(TotEval);
end;

//system_provide_pou_pub_ed_ntncws row: 637
_CalcCost[635] := system_pou;

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inc(TotEval);
if _CalcCost[635] > 0 then begin
    _Cost[635] := ((hrs_ntncws_distr_pe_pou_op*rate_op)+cost_ntncws_distr_pe_pou);
    inc(TotEval);
    _OM[635] := 0;
inc(TotEval);
end;

//system_deliv_initial_pou_ntncws row: 638
_CalcCost[636] := system_pou;
inc(TotEval);
if _CalcCost[636] > 0 then begin
    _Cost[636] := numb_pou*annual_pou_cost_hh;
    inc(TotEval);
    _OM[636] := 0;
inc(TotEval);
end;

//system_hrs_collect_tap_pou_ntncws row: 639
_CalcCost[637] := system_pou;
inc(TotEval);
if _CalcCost[637] > 0 then begin
    _Cost[637] := ((1/3)*numb_pou)*(hrs_source_op*rate_op);
    inc(TotEval);
    _OM[637] := 0;
inc(TotEval);
end;

//system_collect_tap_pou_ntncws row: 640
_CalcCost[638] := system_pou*(1-b_state_two);
inc(TotEval);
if _CalcCost[638] > 0 then begin
    _Cost[638] :=
(((1/3)*numb_pou)+(((1/3)*numb_pou)*pp_samp_invalid))*cost_pou_samp;
    inc(TotEval);
    _OM[638] := 0;
inc(TotEval);
end;

//state_collect_tap_pou_ntncws row: 641
_CalcCost[639] := system_pou*b_state_two;
inc(TotEval);
if _CalcCost[639] > 0 then begin
    _Cost[639] :=
(((1/3)*numb_pou)+(((1/3)*numb_pou)*pp_samp_invalid))*cost_pou_samp;
    inc(TotEval);
    _OM[639] := 0;
inc(TotEval);
end;

```

```

//system_analyze_tap_pou_ntncws row: 642
_CalcCost[640] := system_pou*(1-b_state_two);
inc(TotEval);
if _CalcCost[640] > 0 then begin
    _Cost[640] :=
((1/3)*numb_pou)+((1/3)*numb_pou*pp_samp_invalid))*cost_commercial_lab;
    inc(TotEval);
    _OM[640] := 0;
inc(TotEval);
end;

//state_analyze_tap_pou_ntncws row: 643
_CalcCost[641] := system_pou*b_state_two;
inc(TotEval);
if _CalcCost[641] > 0 then begin
    _Cost[641] :=
(((1/3)*numb_pou)+(((1/3)*numb_pou)*pp_samp_invalid))*cost_commercial_lab;
    inc(TotEval);
    _OM[641] := 0;
inc(TotEval);
end;

//system_invalid_ntncws_pou row: 644
_CalcCost[642] := system_pou;
inc(TotEval);
if _CalcCost[642] > 0 then begin
    _Cost[642] :=
(((1/3)*numb_pou)*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op);
    inc(TotEval);
    _OM[642] := 0;
inc(TotEval);
end;

//state_invalid_lt_ntncws_pou row: 645
_CalcCost[643] := system_pou;
inc(TotEval);
if _CalcCost[643] > 0 then begin
    _Cost[643] :=
(((1/3)*numb_pou)*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js);
    inc(TotEval);
    _OM[643] := 0;
inc(TotEval);
end;

//system_lt_pe_annual_ntncws_pou row: 646
_CalcCost[644] := system_pou;
inc(TotEval);
if _CalcCost[644] > 0 then begin
    _Cost[644] := ((hrs_ntncws_inform_samp_op*rate_op)+cost_ntncws_cust_lt);
    inc(TotEval);

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    _OM[644] := 0;
inc(TotEval);
end;

//system_deliv_initial_pou_proactive row: 647
_CalcCost[645] := system_pou;
inc(TotEval);
if _CalcCost[645] > 0 then begin
    _Cost[645] := (pws_pop/numb_hh)*annual_pou_cost_hh;
    inc(TotEval);
    _OM[645] := 0;
inc(TotEval);
end;

//system_report_pou row: 648
_CalcCost[646] := system_pou;
inc(TotEval);
if _CalcCost[646] > 0 then begin
    _Cost[646] := (hrs_pou_report_ann_prep_op*rate_op);
    inc(TotEval);
    _OM[646] := 0;
inc(TotEval);
end;

//state_report_pou row: 649
_CalcCost[647] := system_pou;
inc(TotEval);
if _CalcCost[647] > 0 then begin
    _Cost[647] := (hrs_pou_report_ann_rev_js*rate_js);
    inc(TotEval);
    _OM[647] := 0;
inc(TotEval);
end;

//system_volunt_lt_pou row: 650
_CalcCost[648] := system_pou;
inc(TotEval);
if _CalcCost[648] > 0 then begin
    _Cost[648] :=
((((1/3)*(pws_pop/numb_hh))+(((1/3)*(pws_pop/numb_hh))*(1-pp_hh_return_samp))+(((1/3)
)*(pws_pop/numb_hh))*pp_samp_invalid)+(((1/3)*(pws_pop/numb_hh))*pp_samp_reject))*(h
rs_samp_volunt_pou_op*rate_op));
    inc(TotEval);
    _OM[648] := 0;
inc(TotEval);
end;

//system_hrs_discuss_lt_pou row: 651
_CalcCost[649] := system_pou;
inc(TotEval);

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    if _CalcCost[649] > 0 then begin
        _Cost[649] :=
            (((1/3)*(pws_pop/numb_hh))+(((1/3)*(pws_pop/numb_hh))*pp_samp_invalid)+(((1/3)*(pws_
            pop/numb_hh))*(1-pp_hh_return_samp))+(((1/3)*(pws_pop/numb_hh))*pp_samp_reject))*(hr
            s_discuss_samp_op*rate_op);
        inc(TotEval);
        _OM[649] := 0;
        inc(TotEval);
        end;

    //system_discuss_lt_pou row: 652
    _CalcCost[650] := system_pou*(1-b_state_two);
    inc(TotEval);
    if _CalcCost[650] > 0 then begin
        _Cost[650] :=
            (((1/3)*(pws_pop/numb_hh))+(((1/3)*(pws_pop/numb_hh))*pp_samp_invalid)+(((1/3)*(pw
            s_pop/numb_hh))*(1-pp_hh_return_samp))+(((1/3)*(pws_pop/numb_hh))*pp_samp_reject))*c
            ost_pou_samp;
        inc(TotEval);
        _OM[650] := 0;
        inc(TotEval);
        end;

    //state_discuss_lt_pou row: 653
    _CalcCost[651] := system_pou*b_state_two;
    inc(TotEval);
    if _CalcCost[651] > 0 then begin
        _Cost[651] :=
            (((1/3)*(pws_pop/numb_hh))+(((1/3)*(pws_pop/numb_hh))*pp_samp_invalid)+(((1/3)*(pw
            s_pop/numb_hh))*(1-pp_hh_return_samp))+(((1/3)*(pws_pop/numb_hh))*pp_samp_reject))*c
            ost_pou_samp;
        inc(TotEval);
        _OM[651] := 0;
        inc(TotEval);
        end;

    //system_pickup_lt_pou row: 654
    _CalcCost[652] := system_pou;
    inc(TotEval);
    if _CalcCost[652] > 0 then begin
        _Cost[652] :=
            (((1/3)*(pws_pop/numb_hh))+(((1/3)*(pws_pop/numb_hh))*pp_samp_invalid)+(((1/3)*(pw
            s_pop/numb_hh))*(1-pp_hh_return_samp))+(((1/3)*(pws_pop/numb_hh))*pp_samp_reject))*
            (hrs_pickup_samp_op*rate_op)+cost_pickup_samp);
        inc(TotEval);
        _OM[652] := 0;
        inc(TotEval);
        end;

    //system_reject_lt_pou row: 655

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    _CalcCost[653] := system_pou;
    inc(TotEval);
    if _CalcCost[653] > 0 then begin
        _Cost[653] :=
            (((1/3)*(pws_pop/numb_hh))*pp_samp_reject)*(hrs_samp_reject_op*rate_op));
        inc(TotEval);
        _OM[653] := 0;
        inc(TotEval);
    end;

    //system_analyze_lt_pou row: 656
    _CalcCost[654] := system_pou*(1-b_state_two);
    inc(TotEval);
    if _CalcCost[654] > 0 then begin
        _Cost[654] :=
            (((1/3)*(pws_pop/numb_hh))+((1/3)*(pws_pop/numb_hh))*pp_samp_invalid))*pp_lab_sam
            p)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+((((1/3)*(pws_pop/numb_hh))+((
            (1/3)*(pws_pop/numb_hh))*pp_samp_invalid))*pp_commercial_samp)*cost_commercial_lab);
        inc(TotEval);
        _OM[654] := 0;
        inc(TotEval);
    end;

    //state_analyze_lt_pou row: 657
    _CalcCost[655] := system_pou*b_state_two;
    inc(TotEval);
    if _CalcCost[655] > 0 then begin
        _Cost[655] :=
            (((1/3)*(pws_pop/numb_hh))+((1/3)*(pws_pop/numb_hh))*pp_samp_invalid))*pp_lab_sam
            p)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+((((1/3)*(pws_pop/numb_hh))+((
            (1/3)*(pws_pop/numb_hh))*pp_samp_invalid))*pp_commercial_samp)*cost_commercial_lab);
        inc(TotEval);
        _OM[655] := 0;
        inc(TotEval);
    end;

    //system_invalid_lt_pou row: 658
    _CalcCost[656] := system_pou;
    inc(TotEval);
    if _CalcCost[656] > 0 then begin
        _Cost[656] :=
            ((1/3)*(pws_pop/numb_hh))*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op);
        inc(TotEval);
        _OM[656] := 0;
        inc(TotEval);
    end;

    //state_invalid_lt_pou row: 659
    _CalcCost[657] := system_pou;
    inc(TotEval);

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    if _CalcCost[657] > 0 then begin
        _Cost[657] :=
(((1/3)*(pws_pop/numb_hh))*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js);
        inc(TotEval);
        _OM[657] := 0;
        inc(TotEval);
    end;

    //system_lt_pe_pou row: 660
    _CalcCost[658] := system_pou;
    inc(TotEval);
    if _CalcCost[658] > 0 then begin
        _Cost[658] :=
((1/3)*(pws_pop/numb_hh))*((hrs_inform_samp_op*rate_op)+cost_cust_lt);
        inc(TotEval);
        _OM[658] := 0;
        inc(TotEval);
    end;

    //system_reduced_pou_certify row: 661
    _CalcCost[659] := system_pou;
    inc(TotEval);
    if _CalcCost[659] > 0 then begin
        _Cost[659] := (hrs_cert_cust_lt_op*rate_op);
        inc(TotEval);
        _OM[659] := 0;
        inc(TotEval);
    end;

    //state_reduced_pou_certify row: 662
    _CalcCost[660] := system_pou;
    inc(TotEval);
    if _CalcCost[660] > 0 then begin
        _Cost[660] := (hrs_cert_cust_lt_js*rate_js);
        inc(TotEval);
        _OM[660] := 0;
        inc(TotEval);
    end;

    //system_hrs_collect_sw_ale row: 663
    _CalcCost[661] := p_copper_ale;
    inc(TotEval);
    if _CalcCost[661] > 0 then begin
        _Cost[661] := (numb_ep*numb_st_sample)*(hrs_source_op*rate_op);
        inc(TotEval);
        _OM[661] := 0;
        inc(TotEval);
    end;

    //system_collect_sw_ale row: 664

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_CalcCost[662] := p_copper_ale*(1-b_state_two);
inc(TotEval);
if _CalcCost[662] > 0 then begin
    _Cost[662] := (numb_ep*numb_st_sample)*cost_source_material;
    inc(TotEval);
    _OM[662] := 0;
inc(TotEval);
end;

//state_collect_sw_ale row: 665
_CalcCost[663] := p_copper_ale*b_state_two;
inc(TotEval);
if _CalcCost[663] > 0 then begin
    _Cost[663] := (numb_ep*numb_st_sample)*cost_source_material;
    inc(TotEval);
    _OM[663] := 0;
inc(TotEval);
end;

//system_analyze_sw_ale row: 666
_CalcCost[664] := p_copper_ale*(1-b_state_two);
inc(TotEval);
if _CalcCost[664] > 0 then begin
    _Cost[664] :=
((pp_lab_samp*(numb_ep*numb_st_sample))*((hrs_analyze_samp_op*rate_op)+cost_source_a
nalyze))+((pp_commercial_samp*(numb_ep*numb_st_sample))*cost_source);
    inc(TotEval);
    _OM[664] := 0;
inc(TotEval);
end;

//state_analyze_sw_ale row: 667
_CalcCost[665] := p_copper_ale*b_state_two;
inc(TotEval);
if _CalcCost[665] > 0 then begin
    _Cost[665] :=
((pp_lab_samp*(numb_ep*numb_st_sample))*((hrs_analyze_samp_op*rate_op)+cost_source_a
nalyze))+((pp_commercial_samp*(numb_ep*numb_st_sample))*cost_source);
    inc(TotEval);
    _OM[665] := 0;
inc(TotEval);
end;

//system_report_sw_ale row: 668
_CalcCost[666] := p_copper_ale*(1-b_state_two);
inc(TotEval);
if _CalcCost[666] > 0 then begin
    _Cost[666] := (hrs_report_source_op*rate_op);
    inc(TotEval);
    _OM[666] := 0;

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inc(TotEval);
end;

//state_report_sw_ale row: 669
_CalcCost[667] := p_copper_ale*b_state_two;
inc(TotEval);
if _CalcCost[667] > 0 then begin
    _Cost[667] := (hrs_report_source_op*rate_op);
    inc(TotEval);
    _OM[667] := 0;
inc(TotEval);
end;

//state_review_sw_ale row: 670
_CalcCost[668] := p_copper_ale*(1-b_state_two);
inc(TotEval);
if _CalcCost[668] > 0 then begin
    _Cost[668] := (hrs_source_js*rate_js);
    inc(TotEval);
    _OM[668] := 0;
inc(TotEval);
end;

//system_hrs_collect_sw_ale_b1 row: 671
_Cost[669] := (numb_ep*numb_st_sample)*(hrs_source_op*rate_op);
inc(TotEval);
_OM[669] := 0;
inc(TotEval);

//system_collect_sw_ale_b1 row: 672
_CalcCost[670] := (1-b_state_two);
inc(TotEval);
if _CalcCost[670] > 0 then begin
    _Cost[670] := (numb_ep*numb_st_sample)*cost_source_material;
    inc(TotEval);
    _OM[670] := 0;
inc(TotEval);
end;

//state_collect_sw_ale_b1 row: 673
_CalcCost[671] := b_state_two;
inc(TotEval);
if _CalcCost[671] > 0 then begin
    _Cost[671] := (numb_ep*numb_st_sample)*cost_source_material;
    inc(TotEval);
    _OM[671] := 0;
inc(TotEval);
end;

//system_analyze_sw_ale_b1 row: 674

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    _CalcCost[672] := (1-b_state_two);
    inc(TotEval);
    if _CalcCost[672] > 0 then begin
        _Cost[672] :=
((pp_lab_samp*(numb_ep*numb_st_sample))*((hrs_analyze_samp_op*rate_op)+cost_source_a
nalyze))+((pp_commercial_samp*(numb_ep*numb_st_sample))*cost_source);
        inc(TotEval);
        _OM[672] := 0;
        inc(TotEval);
    end;

    //state_analyze_sw_ale_b1 row: 675
    _CalcCost[673] := b_state_two;
    inc(TotEval);
    if _CalcCost[673] > 0 then begin
        _Cost[673] :=
((pp_lab_samp*(numb_ep*numb_st_sample))*((hrs_analyze_samp_op*rate_op)+cost_source_a
nalyze))+((pp_commercial_samp*(numb_ep*numb_st_sample))*cost_source);
        inc(TotEval);
        _OM[673] := 0;
        inc(TotEval);
    end;

    //system_report_sw_ale_b1 row: 676
    _CalcCost[674] := (1-b_state_two);
    inc(TotEval);
    if _CalcCost[674] > 0 then begin
        _Cost[674] := (hrs_report_source_op*rate_op);
        inc(TotEval);
        _OM[674] := 0;
        inc(TotEval);
    end;

    //state_report_sw_ale_b1 row: 677
    _CalcCost[675] := b_state_two;
    inc(TotEval);
    if _CalcCost[675] > 0 then begin
        _Cost[675] := (hrs_report_source_op*rate_op);
        inc(TotEval);
        _OM[675] := 0;
        inc(TotEval);
    end;

    //state_review_sw_ale_b1 row: 678
    _CalcCost[676] := (1-b_state_two);
    inc(TotEval);
    if _CalcCost[676] > 0 then begin
        _Cost[676] := (hrs_source_js*rate_js);
        inc(TotEval);
        _OM[676] := 0;
    end;

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inc(TotEval);
end;

//state_school_annual_rep_3a row: 679
_CalcCost[677] := school_3a;
inc(TotEval);
if _CalcCost[677] > 0 then begin
    _Cost[677] := (hrs_annual_report_school_js*rate_js);
    inc(TotEval);
    _OM[677] := 0;
inc(TotEval);
end;

//state_temp_elem_3a row: 680
_CalcCost[678] := school_3a;
inc(TotEval);
if _CalcCost[678] > 0 then begin
    _Cost[678] := (hrs_temp_school_js*rate_js);
    inc(TotEval);
    _OM[678] := 0;
inc(TotEval);
end;

//state_review_list_elem_3a row: 681
_CalcCost[679] := school_3a;
inc(TotEval);
if _CalcCost[679] > 0 then begin
    _Cost[679] := (hrs_rev_school_list_js*rate_js);
    inc(TotEval);
    _OM[679] := 0;
inc(TotEval);
end;

//state_review_mat_elem_3a row: 682
_CalcCost[680] := school_3a;
inc(TotEval);
if _CalcCost[680] > 0 then begin
    _Cost[680] := (hrs_rev_school_info_js*rate_js);
    inc(TotEval);
    _OM[680] := 0;
inc(TotEval);
end;

//system_second_analyze_3a_vol_priv_1 row: 683
_CalcCost[681] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[681] > 0 then begin
    _Cost[681] :=
((((pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_parti
c)*numb_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_sa

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mp)))+(((pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_
partic)*numb_samp_five)*pp_commercial_samp_school)*cost_commercial_lab);
    inc(TotEval);
    _OM[681] := 0;
    inc(TotEval);
end;

//state_second_analyze_3a_vol_priv_1 row: 684
_CalcCost[682] := school_3a*b_state_two;
inc(TotEval);
if _CalcCost[682] > 0 then begin
    _Cost[682] :=
(((pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_parti
c)*numb_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp
mp)))+(((pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_
partic)*numb_samp_five)*pp_commercial_samp_school)*cost_commercial_lab);
    inc(TotEval);
    _OM[682] := 0;
    inc(TotEval);
end;

//system_second_analyze_3a_vol_1 row: 685
_CalcCost[683] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[683] > 0 then begin
    _Cost[683] :=
(((pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)
*numb_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp
))+(((pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_part
ic)*numb_samp_five)*pp_commercial_samp_school)*cost_commercial_lab);
    inc(TotEval);
    _OM[683] := 0;
    inc(TotEval);
end;

//state_second_analyze_3a_vol_1 row: 686
_CalcCost[684] := school_3a*b_state_two;
inc(TotEval);
if _CalcCost[684] > 0 then begin
    _Cost[684] :=
(((pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)
*numb_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp
))+(((pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_part
ic)*numb_samp_five)*pp_commercial_samp_school)*cost_commercial_lab);
    inc(TotEval);
    _OM[684] := 0;
    inc(TotEval);
end;

//system_second_analyze_3a_vol_priv row: 687

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```

_CalcCost[685] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[685] > 0 then begin
  _Cost[685] :=
(((pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_parti
c)*numb_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_sa
mp))+(((pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_
partic)*numb_samp_five)*pp_commercial_samp_school)*cost_commercial_lab);
  inc(TotEval);
  _OM[685] := 0;
inc(TotEval);
end;

//state_second_analyze_3a_vol_priv row: 688
_CalcCost[686] := school_3a*b_state_two;
inc(TotEval);
if _CalcCost[686] > 0 then begin
  _Cost[686] :=
(((pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_parti
c)*numb_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_sa
mp))+(((pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_
partic)*numb_samp_five)*pp_commercial_samp_school)*cost_commercial_lab);
  inc(TotEval);
  _OM[686] := 0;
inc(TotEval);
end;

//system_second_analyze_3a_vol row: 689
_CalcCost[687] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[687] > 0 then begin
  _Cost[687] :=
(((pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)
*numb_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp
))+(((pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_part
ic)*numb_samp_five)*pp_commercial_samp_school)*cost_commercial_lab);
  inc(TotEval);
  _OM[687] := 0;
inc(TotEval);
end;

//state_second_analyze_3a_vol row: 690
_CalcCost[688] := school_3a*b_state_two;
inc(TotEval);
if _CalcCost[688] > 0 then begin
  _Cost[688] :=
(((pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)
*numb_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp
))+(((pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_part
ic)*numb_samp_five)*pp_commercial_samp_school)*cost_commercial_lab);

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        inc(TotEval);
        _OM[688] := 0;
    inc(TotEval);
end;

//system_daycare_analyze_3a_vol row: 691
_CalcCost[689] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[689] > 0 then begin
    _Cost[689] :=
    (((pp_childcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*numb_samp_t
wo)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((pp_chi
ldcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*numb_samp_two)*pp_com
mercial_samp_school)*cost_commercial_lab);
    inc(TotEval);
    _OM[689] := 0;
inc(TotEval);
end;

//state_daycare_analyze_3a_vol row: 692
_CalcCost[690] := school_3a*b_state_two;
inc(TotEval);
if _CalcCost[690] > 0 then begin
    _Cost[690] :=
    (((pp_childcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*numb_samp_t
wo)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((pp_chi
ldcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*numb_samp_two)*pp_com
mercial_samp_school)*cost_commercial_lab);
    inc(TotEval);
    _OM[690] := 0;
inc(TotEval);
end;

//system_elem_analyze_3a_vol_priv row: 693
_CalcCost[691] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[691] > 0 then begin
    _Cost[691] :=
    (((pp_priv_elem_onreq_waiver*numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*nu
mb_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+
    (((pp_priv_elem_onreq_waiver*(numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*nu
mb_samp_five)*pp_commercial_samp_school)*cost_commercial_lab);
    inc(TotEval);
    _OM[691] := 0;
inc(TotEval);
end;

//state_elem_analyze_3a_vol_priv row: 694
_CalcCost[692] := school_3a*b_state_two;
inc(TotEval);

```



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    if _CalcCost[692] > 0 then begin
        _Cost[692] :=
        (((pp_priv_elem_onreq_waiver*numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*nu
mb_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+
        (((pp_priv_elem_onreq_waiver*(numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*nu
mb_samp_five)*pp_commercial_samp_school)*cost_commercial_lab);
        inc(TotEval);
        _OM[692] := 0;
        inc(TotEval);
    end;

    //system_elem_analyze_3a_vol row: 695
    _CalcCost[693] := school_3a*(1-b_state_two);
    inc(TotEval);
    if _CalcCost[693] > 0 then begin
        _Cost[693] :=
        (((pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*numb
_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+((
        ((pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*numb_s
amp_five)*pp_commercial_samp_school)*cost_commercial_lab);
        inc(TotEval);
        _OM[693] := 0;
        inc(TotEval);
    end;

    //state_elem_analyze_3a_vol row: 696
    _CalcCost[694] := school_3a*b_state_two;
    inc(TotEval);
    if _CalcCost[694] > 0 then begin
        _Cost[694] :=
        (((pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*numb
_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+((
        ((pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*numb_s
amp_five)*pp_commercial_samp_school)*cost_commercial_lab);
        inc(TotEval);
        _OM[694] := 0;
        inc(TotEval);
    end;

    //system_daycare_analyze_3a row: 697
    _CalcCost[695] := school_3a*(1-b_state_two);
    inc(TotEval);
    if _CalcCost[695] > 0 then begin
        _Cost[695] :=
        (((pp_childcare_mand_waiver*numb_daycares*pws_pop*pp_mand_twenty_partic)*numb_samp_
two)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((pp_ch
ildcare_mand_waiver*numb_daycares*pws_pop*pp_mand_twenty_partic)*numb_samp_two)*pp_c
ommercial_samp_school)*cost_commercial_lab);
        inc(TotEval);
        _OM[695] := 0;
    end;

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inc(TotEval);
end;

//state_daycare_analyze_3a row: 698
_CalcCost[696] := school_3a*b_state_two;
inc(TotEval);
if _CalcCost[696] > 0 then begin
    _Cost[696] :=
((((pp_childcare_mand_waiver*numb_daycares*pws_pop*pp_mand_twenty_partic)*numb_samp_
two)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+((((pp_ch
ildcare_mand_waiver*numb_daycares*pws_pop*pp_mand_twenty_partic)*numb_samp_two)*pp_c
ommercial_samp_school)*cost_commercial_lab);
    inc(TotEval);
    _OM[696] := 0;
inc(TotEval);
end;

//system_elem_analyze_3a row: 699
_CalcCost[697] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[697] > 0 then begin
    _Cost[697] :=
((((pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*n
umb_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))
+((((pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*
numb_samp_five)*pp_commercial_samp_school)*cost_commercial_lab);
    inc(TotEval);
    _OM[697] := 0;
inc(TotEval);
end;

//state_elem_analyze_3a row: 700
_CalcCost[698] := school_3a*b_state_two;
inc(TotEval);
if _CalcCost[698] > 0 then begin
    _Cost[698] :=
((((pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*n
umb_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))
+((((pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*
numb_samp_five)*pp_commercial_samp_school)*cost_commercial_lab);
    inc(TotEval);
    _OM[698] := 0;
inc(TotEval);
end;

//system_elem_analyze_3a_pub row: 701
_CalcCost[699] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[699] > 0 then begin
    _Cost[699] :=

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((((pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*num
b_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+
((((pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*numb
_samp_five)*pp_commercial_samp_school)*cost_commercial_lab);
    inc(TotEval);
    _OM[699] := 0;
    inc(TotEval);
end;

//state_elem_analyze_3a_pub row: 702
_CalcCost[700] := school_3a*b_state_two;
inc(TotEval);
if _CalcCost[700] > 0 then begin
    _Cost[700] :=
((((pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*num
b_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+
((((pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*numb
_samp_five)*pp_commercial_samp_school)*cost_commercial_lab);
    inc(TotEval);
    _OM[700] := 0;
    inc(TotEval);
end;

//system_hrs_second_collect_3a_vol_priv_1 row: 703
_CalcCost[701] := school_3a;
inc(TotEval);
if _CalcCost[701] > 0 then begin
    _Cost[701] :=
((pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)
*numb_samp_five)*(hrs_collect_samp_school_op*rate_op);
    inc(TotEval);
    _OM[701] := 0;
    inc(TotEval);
end;

//system_second_collect_3a_vol_priv_1 row: 704
_CalcCost[702] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[702] > 0 then begin
    _Cost[702] :=
((pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)
*numb_samp_five)*(cost_collect_samp_school);
    inc(TotEval);
    _OM[702] := 0;
    inc(TotEval);
end;

//state_second_collect_3a_vol_priv_1 row: 705
_CalcCost[703] := school_3a*b_state_two;
inc(TotEval);

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    if _CalcCost[703] > 0 then begin
        _Cost[703] :=
((pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)
*numb_samp_five)*(cost_collect_samp_school);
        inc(TotEval);
        _OM[703] := 0;
        inc(TotEval);
    end;

    //system_hrs_second_collect_3a_vol_1 row: 706
    _CalcCost[704] := school_3a;
    inc(TotEval);
    if _CalcCost[704] > 0 then begin
        _Cost[704] :=
((pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*n
umb_samp_five)*(hrs_collect_samp_school_op*rate_op);
        inc(TotEval);
        _OM[704] := 0;
        inc(TotEval);
    end;

    //system_second_collect_3a_vol_1 row: 707
    _CalcCost[705] := school_3a*(1-b_state_two);
    inc(TotEval);
    if _CalcCost[705] > 0 then begin
        _Cost[705] :=
((pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*n
umb_samp_five)*(cost_collect_samp_school);
        inc(TotEval);
        _OM[705] := 0;
        inc(TotEval);
    end;

    //state_second_collect_3a_vol_1 row: 708
    _CalcCost[706] := school_3a*b_state_two;
    inc(TotEval);
    if _CalcCost[706] > 0 then begin
        _Cost[706] :=
((pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*n
umb_samp_five)*(cost_collect_samp_school);
        inc(TotEval);
        _OM[706] := 0;
        inc(TotEval);
    end;

    //system_hrs_second_collect_3a_vol_priv row: 709
    _CalcCost[707] := school_3a;
    inc(TotEval);
    if _CalcCost[707] > 0 then begin
        _Cost[707] :=

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((pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)
*numb_samp_five)*(hrs_collect_samp_school_op*rate_op);
    inc(TotEval);
    _OM[707] := 0;
    inc(TotEval);
end;

//system_second_collect_3a_vol_priv row: 710
_CalcCost[708] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[708] > 0 then begin
    _Cost[708] :=
((pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)
*numb_samp_five)*(cost_collect_samp_school);
    inc(TotEval);
    _OM[708] := 0;
    inc(TotEval);
end;

//state_second_collect_3a_vol_priv row: 711
_CalcCost[709] := school_3a*b_state_two;
inc(TotEval);
if _CalcCost[709] > 0 then begin
    _Cost[709] :=
((pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)
*numb_samp_five)*(cost_collect_samp_school);
    inc(TotEval);
    _OM[709] := 0;
    inc(TotEval);
end;

//system_hrs_second_collect_3a_vol row: 712
_CalcCost[710] := school_3a;
inc(TotEval);
if _CalcCost[710] > 0 then begin
    _Cost[710] :=
((pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*n
umb_samp_five)*(hrs_collect_samp_school_op*rate_op);
    inc(TotEval);
    _OM[710] := 0;
    inc(TotEval);
end;

//system_second_collect_3a_vol row: 713
_CalcCost[711] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[711] > 0 then begin
    _Cost[711] :=
((pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*n
umb_samp_five)*(cost_collect_samp_school);

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        inc(TotEval);
        _OM[711] := 0;
    inc(TotEval);
end;

//state_second_collect_3a_vol row: 714
_CalcCost[712] := school_3a*b_state_two;
inc(TotEval);
if _CalcCost[712] > 0 then begin
    _Cost[712] :=
((pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*n
umb_samp_five)*(cost_collect_samp_school);
    inc(TotEval);
    _OM[712] := 0;
    inc(TotEval);
end;

//system_hrs_daycare_collect_3a_vol row: 715
_CalcCost[713] := school_3a;
inc(TotEval);
if _CalcCost[713] > 0 then begin
    _Cost[713] :=
((pp_childcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*numb_samp_two
)*(hrs_collect_samp_school_op*rate_op);
    inc(TotEval);
    _OM[713] := 0;
    inc(TotEval);
end;

//system_daycare_collect_3a_vol row: 716
_CalcCost[714] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[714] > 0 then begin
    _Cost[714] :=
((pp_childcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*numb_samp_two
)*(cost_collect_samp_school);
    inc(TotEval);
    _OM[714] := 0;
    inc(TotEval);
end;

//state_daycare_collect_3a_vol row: 717
_CalcCost[715] := school_3a*b_state_two;
inc(TotEval);
if _CalcCost[715] > 0 then begin
    _Cost[715] :=
((pp_childcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*numb_samp_two
)*(cost_collect_samp_school);
    inc(TotEval);
    _OM[715] := 0;

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inc(TotEval);
end;

//system_hrs_elem_collect_3a_vol_priv row: 718
_CalcCost[716] := school_3a;
inc(TotEval);
if _CalcCost[716] > 0 then begin
    _Cost[716] :=
((pp_priv_elem_onreq_waiver*numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*numb
_samp_five)*(hrs_collect_samp_school_op*rate_op);
    inc(TotEval);
    _OM[716] := 0;
inc(TotEval);
end;

//system_elem_collect_3a_vol_priv row: 719
_CalcCost[717] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[717] > 0 then begin
    _Cost[717] :=
((pp_priv_elem_onreq_waiver*numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*numb
_samp_five)*(cost_collect_samp_school);
    inc(TotEval);
    _OM[717] := 0;
inc(TotEval);
end;

//state_elem_collect_3a_vol_priv row: 720
_CalcCost[718] := school_3a*b_state_two;
inc(TotEval);
if _CalcCost[718] > 0 then begin
    _Cost[718] :=
((pp_priv_elem_onreq_waiver*numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*numb
_samp_five)*(cost_collect_samp_school);
    inc(TotEval);
    _OM[718] := 0;
inc(TotEval);
end;

//system_hrs_elem_collect_3a_vol row: 721
_CalcCost[719] := school_3a;
inc(TotEval);
if _CalcCost[719] > 0 then begin
    _Cost[719] :=
((pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*numb_s
amp_five)*(hrs_collect_samp_school_op*rate_op);
    inc(TotEval);
    _OM[719] := 0;
inc(TotEval);
end;

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//system_elem_collect_3a_vol row: 722
_CalcCost[720] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[720] > 0 then begin
    _Cost[720] :=
((pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*numb_s
amp_five)*(cost_collect_samp_school);
    inc(TotEval);
    _OM[720] := 0;
    inc(TotEval);
end;

//state_elem_collect_3a_vol row: 723
_CalcCost[721] := school_3a*b_state_two;
inc(TotEval);
if _CalcCost[721] > 0 then begin
    _Cost[721] :=
((pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*numb_s
amp_five)*(cost_collect_samp_school);
    inc(TotEval);
    _OM[721] := 0;
    inc(TotEval);
end;

//system_hrs_daycare_collect_3a row: 724
_CalcCost[722] := school_3a;
inc(TotEval);
if _CalcCost[722] > 0 then begin
    _Cost[722] :=
((pp_childcare_mand_waiver*numb_daycares*pws_pop*pp_mand_twenty_partic)*numb_samp_tw
o)*(hrs_collect_samp_school_op*rate_op);
    inc(TotEval);
    _OM[722] := 0;
    inc(TotEval);
end;

//system_daycare_collect_3a row: 725
_CalcCost[723] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[723] > 0 then begin
    _Cost[723] :=
((pp_childcare_mand_waiver*numb_daycares*pws_pop*pp_mand_twenty_partic)*numb_samp_tw
o)*cost_collect_samp_school;
    inc(TotEval);
    _OM[723] := 0;
    inc(TotEval);
end;

//state_daycare_collect_3a row: 726

```



```

    _CalcCost[724] := school_3a*b_state_two;
    inc(TotEval);
    if _CalcCost[724] > 0 then begin
        _Cost[724] :=
((pp_childcare_mand_waiver*numb_daycares*pws_pop*pp_mand_twenty_partic)*numb_samp_tw
o)*cost_collect_samp_school;
        inc(TotEval);
        _OM[724] := 0;
        inc(TotEval);
    end;

    //system_hrs_elem_collect_3a row: 727
    _CalcCost[725] := school_3a;
    inc(TotEval);
    if _CalcCost[725] > 0 then begin
        _Cost[725] :=
((pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*num
b_samp_five)*(hrs_collect_samp_school_op*rate_op);
        inc(TotEval);
        _OM[725] := 0;
        inc(TotEval);
    end;

    //system_elem_collect_3a row: 728
    _CalcCost[726] := school_3a*(1-b_state_two);
    inc(TotEval);
    if _CalcCost[726] > 0 then begin
        _Cost[726] :=
((pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*num
b_samp_five)*cost_collect_samp_school;
        inc(TotEval);
        _OM[726] := 0;
        inc(TotEval);
    end;

    //state_elem_collect_3a row: 729
    _CalcCost[727] := school_3a*b_state_two;
    inc(TotEval);
    if _CalcCost[727] > 0 then begin
        _Cost[727] :=
((pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*num
b_samp_five)*cost_collect_samp_school;
        inc(TotEval);
        _OM[727] := 0;
        inc(TotEval);
    end;

    //system_hrs_elem_collect_3a_pub row: 730
    _CalcCost[728] := school_3a;
    inc(TotEval);

```

```

    if _CalcCost[728] > 0 then begin
        _Cost[728] :=
((pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*numb_
samp_five)*(hrs_collect_samp_school_op*rate_op);
        inc(TotEval);
        _OM[728] := 0;
        inc(TotEval);
    end;

    //system_elem_collect_3a_pub row: 731
    _CalcCost[729] := school_3a*(1-b_state_two);
    inc(TotEval);
    if _CalcCost[729] > 0 then begin
        _Cost[729] :=
((pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*numb_
samp_five)*cost_collect_samp_school;
        inc(TotEval);
        _OM[729] := 0;
        inc(TotEval);
    end;

    //state_elem_collect_3a_pub row: 732
    _CalcCost[730] := school_3a*b_state_two;
    inc(TotEval);
    if _CalcCost[730] > 0 then begin
        _Cost[730] :=
((pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*numb_
samp_five)*cost_collect_samp_school;
        inc(TotEval);
        _OM[730] := 0;
        inc(TotEval);
    end;

    //system_second_follow_b3_3a_vol_priv_1 row: 733
    _CalcCost[731] := school_3a;
    inc(TotEval);
    if _CalcCost[731] > 0 then begin
        _Cost[731] :=
(pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
((pp_above_al_bin_three*numb_samp_five)*(hrs_school_help_op*rate_op));
        inc(TotEval);
        _OM[731] := 0;
        inc(TotEval);
    end;

    //system_second_follow_b2_3a_vol_priv_1 row: 734
    _CalcCost[732] := school_3a;
    inc(TotEval);
    if _CalcCost[732] > 0 then begin
        _Cost[732] :=

```

```

(pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
((pp_above_al_bin_two*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[732] := 0;
    inc(TotEval);
end;

//system_second_follow_b1_3a_vol_priv_1 row: 735
_CalcCost[733] := school_3a;
inc(TotEval);
if _CalcCost[733] > 0 then begin
    _Cost[733] :=
(pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
((pp_above_al_bin_one*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[733] := 0;
    inc(TotEval);
end;

//system_second_follow_b3_3a_vol_1 row: 736
_CalcCost[734] := school_3a;
inc(TotEval);
if _CalcCost[734] > 0 then begin
    _Cost[734] :=
(pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*((
pp_above_al_bin_three*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[734] := 0;
    inc(TotEval);
end;

//system_second_follow_b2_3a_vol_1 row: 737
_CalcCost[735] := school_3a;
inc(TotEval);
if _CalcCost[735] > 0 then begin
    _Cost[735] :=
(pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*((
pp_above_al_bin_two*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[735] := 0;
    inc(TotEval);
end;

//system_second_follow_b1_3a_vol_1 row: 738
_CalcCost[736] := school_3a;
inc(TotEval);
if _CalcCost[736] > 0 then begin
    _Cost[736] :=
(pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*((
pp_above_al_bin_one*numb_samp_five)*(hrs_school_help_op*rate_op));

```

```

        inc(TotEval);
        _OM[736] := 0;
    inc(TotEval);
end;

//system_second_follow_b3_3a_vol_priv row: 739
_CalcCost[737] := school_3a;
inc(TotEval);
if _CalcCost[737] > 0 then begin
    _Cost[737] :=
(pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
((pp_above_al_bin_three*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[737] := 0;
inc(TotEval);
end;

//system_second_follow_b2_3a_vol_priv row: 740
_CalcCost[738] := school_3a;
inc(TotEval);
if _CalcCost[738] > 0 then begin
    _Cost[738] :=
(pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
((pp_above_al_bin_two*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[738] := 0;
inc(TotEval);
end;

//system_second_follow_b1_3a_vol_priv row: 741
_CalcCost[739] := school_3a;
inc(TotEval);
if _CalcCost[739] > 0 then begin
    _Cost[739] :=
(pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
((pp_above_al_bin_one*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[739] := 0;
inc(TotEval);
end;

//system_second_follow_b3_3a_vol row: 742
_CalcCost[740] := school_3a;
inc(TotEval);
if _CalcCost[740] > 0 then begin
    _Cost[740] :=
(pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*((
pp_above_al_bin_three*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[740] := 0;

```

```

inc(TotEval);
end;

//system_second_follow_b2_3a_vol row: 743
_CalcCost[741] := school_3a;
inc(TotEval);
if _CalcCost[741] > 0 then begin
    _Cost[741] :=
(pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*((
pp_above_al_bin_two*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[741] := 0;
inc(TotEval);
end;

//system_second_follow_b1_3a_vol row: 744
_CalcCost[742] := school_3a;
inc(TotEval);
if _CalcCost[742] > 0 then begin
    _Cost[742] :=
(pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*((
pp_above_al_bin_one*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[742] := 0;
inc(TotEval);
end;

//system_daycare_follow_b3_3a_vol row: 745
_CalcCost[743] := school_3a;
inc(TotEval);
if _CalcCost[743] > 0 then begin
    _Cost[743] :=
(pp_childcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*((pp_above_al_
bin_three*numb_samp_two)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[743] := 0;
inc(TotEval);
end;

//system_daycare_follow_b2_3a_vol row: 746
_CalcCost[744] := school_3a;
inc(TotEval);
if _CalcCost[744] > 0 then begin
    _Cost[744] :=
(pp_childcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*((pp_above_al_
bin_two*numb_samp_two)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[744] := 0;
inc(TotEval);
end;

```

```

//system_daycare_follow_b1_3a_vol  row: 747
_CalcCost[745] := school_3a;
inc(TotEval);
if _CalcCost[745] > 0 then begin
    _Cost[745] :=
(pp_childcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*((pp_above_al_
bin_one*numb_samp_two)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[745] := 0;
    inc(TotEval);
end;

```

```

//system_elem_follow_b3_3a_vol_priv  row: 748
_CalcCost[746] := school_3a;
inc(TotEval);
if _CalcCost[746] > 0 then begin
    _Cost[746] :=
(pp_priv_elem_onreq_waiver*numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*((pp_
above_al_bin_three*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[746] := 0;
    inc(TotEval);
end;

```

```

//system_elem_follow_b2_3a_vol_priv  row: 749
_CalcCost[747] := school_3a;
inc(TotEval);
if _CalcCost[747] > 0 then begin
    _Cost[747] :=
(pp_priv_elem_onreq_waiver*numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*((pp_
above_al_bin_two*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[747] := 0;
    inc(TotEval);
end;

```

```

//system_elem_follow_b1_3a_vol_priv  row: 750
_CalcCost[748] := school_3a;
inc(TotEval);
if _CalcCost[748] > 0 then begin
    _Cost[748] :=
(pp_priv_elem_onreq_waiver*numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*((pp_
above_al_bin_one*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[748] := 0;
    inc(TotEval);
end;

```

```

//system_elem_follow_b3_3a_vol  row: 751

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```

    _CalcCost[749] := school_3a;
    inc(TotEval);
    if _CalcCost[749] > 0 then begin
        _Cost[749] :=
(pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*((pp_ab
ove_al_bin_three*numb_samp_five)*(hrs_school_help_op*rate_op));
        inc(TotEval);
        _OM[749] := 0;
        inc(TotEval);
    end;

    //system_elem_follow_b2_3a_vol row: 752
    _CalcCost[750] := school_3a;
    inc(TotEval);
    if _CalcCost[750] > 0 then begin
        _Cost[750] :=
(pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*((pp_ab
ove_al_bin_two*numb_samp_five)*(hrs_school_help_op*rate_op));
        inc(TotEval);
        _OM[750] := 0;
        inc(TotEval);
    end;

    //system_elem_follow_b1_3a_vol row: 753
    _CalcCost[751] := school_3a;
    inc(TotEval);
    if _CalcCost[751] > 0 then begin
        _Cost[751] :=
(pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*((pp_ab
ove_al_bin_one*numb_samp_five)*(hrs_school_help_op*rate_op));
        inc(TotEval);
        _OM[751] := 0;
        inc(TotEval);
    end;

    //system_daycare_follow_b3_3a row: 754
    _CalcCost[752] := school_3a;
    inc(TotEval);
    if _CalcCost[752] > 0 then begin
        _Cost[752] :=
(pp_childcare_mand_waiver*numb_daycares*pws_pop*pp_mand_twenty_partic)*((pp_above_al
_bin_three*numb_samp_two)*(hrs_school_help_op*rate_op));
        inc(TotEval);
        _OM[752] := 0;
        inc(TotEval);
    end;

    //system_daycare_follow_b2_3a row: 755
    _CalcCost[753] := school_3a;
    inc(TotEval);

```

```

    if _CalcCost[753] > 0 then begin
        _Cost[753] :=
(pp_childcare_mand_waiver*numb_daycares*pws_pop*pp_mand_twenty_partic)*((pp_above_al
_bin_two*numb_samp_two)*(hrs_school_help_op*rate_op));
        inc(TotEval);
        _OM[753] := 0;
        inc(TotEval);
    end;

    //system_daycare_follow_b1_3a row: 756
    _CalcCost[754] := school_3a;
    inc(TotEval);
    if _CalcCost[754] > 0 then begin
        _Cost[754] :=
(pp_childcare_mand_waiver*numb_daycares*pws_pop*pp_mand_twenty_partic)*((pp_above_al
_bin_one*numb_samp_two)*(hrs_school_help_op*rate_op));
        inc(TotEval);
        _OM[754] := 0;
        inc(TotEval);
    end;

    //system_elem_follow_b3_3a row: 757
    _CalcCost[755] := school_3a;
    inc(TotEval);
    if _CalcCost[755] > 0 then begin
        _Cost[755] :=
(pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*((pp
_above_al_bin_three*numb_samp_five)*(hrs_school_help_op*rate_op));
        inc(TotEval);
        _OM[755] := 0;
        inc(TotEval);
    end;

    //system_elem_follow_b2_3a row: 758
    _CalcCost[756] := school_3a;
    inc(TotEval);
    if _CalcCost[756] > 0 then begin
        _Cost[756] :=
(pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*((pp
_above_al_bin_two*numb_samp_five)*(hrs_school_help_op*rate_op));
        inc(TotEval);
        _OM[756] := 0;
        inc(TotEval);
    end;

    //system_elem_follow_b1_3a row: 759
    _CalcCost[757] := school_3a;
    inc(TotEval);
    if _CalcCost[757] > 0 then begin
        _Cost[757] :=

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(pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*((pp_
_above_al_bin_one*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[757] := 0;
    inc(TotEval);
end;

//system_elem_follow_b3_3a_pub row: 760
_CalcCost[758] := school_3a;
inc(TotEval);
if _CalcCost[758] > 0 then begin
    _Cost[758] :=
(pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*((pp_a
bove_al_bin_three*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[758] := 0;
    inc(TotEval);
end;

//system_elem_follow_b2_3a_pub row: 761
_CalcCost[759] := school_3a;
inc(TotEval);
if _CalcCost[759] > 0 then begin
    _Cost[759] :=
(pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*((pp_a
bove_al_bin_two*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[759] := 0;
    inc(TotEval);
end;

//system_elem_follow_b1_3a_pub row: 762
_CalcCost[760] := school_3a;
inc(TotEval);
if _CalcCost[760] > 0 then begin
    _Cost[760] :=
(pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*((pp_a
bove_al_bin_one*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[760] := 0;
    inc(TotEval);
end;

//system_second_walk_3a_vol_priv_1 row: 763
_CalcCost[761] := school_3a;
inc(TotEval);
if _CalcCost[761] > 0 then begin
    _Cost[761] :=
(pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
((hrs_walkthrough_school_op*rate_op)+cost_walkthrough_school);

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```

        inc(TotEval);
        _OM[761] := 0;
    inc(TotEval);
end;

//system_second_walk_3a_vol_1 row: 764
_CalcCost[762] := school_3a;
inc(TotEval);
if _CalcCost[762] > 0 then begin
    _Cost[762] :=
(pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*((
hrs_walkthrough_school_op*rate_op)+cost_walkthrough_school);
    inc(TotEval);
    _OM[762] := 0;
    inc(TotEval);
end;

//system_second_walk_3a_vol_priv row: 765
_CalcCost[763] := school_3a;
inc(TotEval);
if _CalcCost[763] > 0 then begin
    _Cost[763] :=
(pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
((hrs_walkthrough_school_op*rate_op)+cost_walkthrough_school);
    inc(TotEval);
    _OM[763] := 0;
    inc(TotEval);
end;

//system_second_walk_3a_vol row: 766
_CalcCost[764] := school_3a;
inc(TotEval);
if _CalcCost[764] > 0 then begin
    _Cost[764] :=
(pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*((
hrs_walkthrough_school_op*rate_op)+cost_walkthrough_school);
    inc(TotEval);
    _OM[764] := 0;
    inc(TotEval);
end;

//system_daycare_walk_3a_vol row: 767
_CalcCost[765] := school_3a;
inc(TotEval);
if _CalcCost[765] > 0 then begin
    _Cost[765] :=
(pp_childcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*((hrs_walkthro
ugh_school_op*rate_op)+cost_walkthrough_school);
    inc(TotEval);
    _OM[765] := 0;

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inc(TotEval);
end;

//system_elem_walk_3a_vol_priv row: 768
_CalcCost[766] := school_3a;
inc(TotEval);
if _CalcCost[766] > 0 then begin
    _Cost[766] :=
(pp_priv_elem_onreq_waiver*numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*((hrs_
_walkthrough_school_op*rate_op)+cost_walkthrough_school);
    inc(TotEval);
    _OM[766] := 0;
inc(TotEval);
end;

//system_elem_walk_3a_vol row: 769
_CalcCost[767] := school_3a;
inc(TotEval);
if _CalcCost[767] > 0 then begin
    _Cost[767] :=
(pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*((hrs_w
alkthrough_school_op*rate_op)+cost_walkthrough_school);
    inc(TotEval);
    _OM[767] := 0;
inc(TotEval);
end;

//system_daycare_walk_3a row: 770
_CalcCost[768] := school_3a;
inc(TotEval);
if _CalcCost[768] > 0 then begin
    _Cost[768] :=
(pp_childcare_mand_waiver*numb_daycares*pws_pop*pp_mand_twenty_partic)*((hrs_walkthr
ough_school_op*rate_op)+cost_walkthrough_school);
    inc(TotEval);
    _OM[768] := 0;
inc(TotEval);
end;

//system_elem_walk_3a row: 771
_CalcCost[769] := school_3a;
inc(TotEval);
if _CalcCost[769] > 0 then begin
    _Cost[769] :=
(pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*((hr
s_walkthrough_school_op*rate_op)+cost_walkthrough_school);
    inc(TotEval);
    _OM[769] := 0;
inc(TotEval);
end;

```

```

//system_elem_walk_3a_pub row: 772
_CalcCost[770] := school_3a;
inc(TotEval);
if _CalcCost[770] > 0 then begin
    _Cost[770] :=
(pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*((hrs_
walkthrough_school_op*rate_op)+cost_walkthrough_school);
    inc(TotEval);
    _OM[770] := 0;
    inc(TotEval);
end;

//system_second_discuss_res_3a_vol_priv_1 row: 773
_CalcCost[771] := school_3a;
inc(TotEval);
if _CalcCost[771] > 0 then begin
    _Cost[771] :=
(pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
(hrs_result_discuss_op*rate_op);
    inc(TotEval);
    _OM[771] := 0;
    inc(TotEval);
end;

//system_second_discuss_res_3a_vol_1 row: 774
_CalcCost[772] := school_3a;
inc(TotEval);
if _CalcCost[772] > 0 then begin
    _Cost[772] :=
(pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*(h
rs_result_discuss_op*rate_op);
    inc(TotEval);
    _OM[772] := 0;
    inc(TotEval);
end;

//system_second_discuss_res_3a_vol_priv row: 775
_CalcCost[773] := school_3a;
inc(TotEval);
if _CalcCost[773] > 0 then begin
    _Cost[773] :=
(pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
(hrs_result_discuss_op*rate_op);
    inc(TotEval);
    _OM[773] := 0;
    inc(TotEval);
end;

//system_second_discuss_res_3a_vol row: 776

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    _CalcCost[774] := school_3a;
    inc(TotEval);
    if _CalcCost[774] > 0 then begin
        _Cost[774] :=
(pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*(h
rs_result_discuss_op*rate_op);
        inc(TotEval);
        _OM[774] := 0;
        inc(TotEval);
    end;

    //system_daycare_discuss_res_3a_vol row: 777
    _CalcCost[775] := school_3a;
    inc(TotEval);
    if _CalcCost[775] > 0 then begin
        _Cost[775] :=
(pp_childcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*(hrs_result_di
scuss_op*rate_op);
        inc(TotEval);
        _OM[775] := 0;
        inc(TotEval);
    end;

    //system_elem_discuss_res_3a_vol_priv row: 778
    _CalcCost[776] := school_3a;
    inc(TotEval);
    if _CalcCost[776] > 0 then begin
        _Cost[776] :=
(pp_priv_elem_onreq_waiver*numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*(hrs_
result_discuss_op*rate_op);
        inc(TotEval);
        _OM[776] := 0;
        inc(TotEval);
    end;

    //system_elem_discuss_res_3a_vol row: 779
    _CalcCost[777] := school_3a;
    inc(TotEval);
    if _CalcCost[777] > 0 then begin
        _Cost[777] :=
(pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*(hrs_re
sult_discuss_op*rate_op);
        inc(TotEval);
        _OM[777] := 0;
        inc(TotEval);
    end;

    //system_daycare_discuss_res_3a row: 780
    _CalcCost[778] := school_3a;
    inc(TotEval);

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    if _CalcCost[778] > 0 then begin
        _Cost[778] :=
(pp_childcare_mand_waiver*numb_daycares*pws_pop*pp_mand_twenty_partic)*(hrs_result_d
iscuss_op*rate_op);
        inc(TotEval);
        _OM[778] := 0;
        inc(TotEval);
    end;

    //system_elem_discuss_res_3a row: 781
    _CalcCost[779] := school_3a;
    inc(TotEval);
    if _CalcCost[779] > 0 then begin
        _Cost[779] :=
(pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*(hrs
_result_discuss_op*rate_op);
        inc(TotEval);
        _OM[779] := 0;
        inc(TotEval);
    end;

    //system_elem_discuss_res_3a_pub row: 782
    _CalcCost[780] := school_3a;
    inc(TotEval);
    if _CalcCost[780] > 0 then begin
        _Cost[780] :=
(pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*(hrs_r
esult_discuss_op*rate_op);
        inc(TotEval);
        _OM[780] := 0;
        inc(TotEval);
    end;

    //system_school_annual_rep_3a row: 783
    _CalcCost[781] := school_3a;
    inc(TotEval);
    if _CalcCost[781] > 0 then begin
        _Cost[781] :=
((hrs_annual_report_school_prepare_op*rate_op)+cost_annual_report_school_dist);
        inc(TotEval);
        _OM[781] := 0;
        inc(TotEval);
    end;

    //system_second_provide_res_3a_vol_priv_1 row: 784
    _CalcCost[782] := school_3a;
    inc(TotEval);
    if _CalcCost[782] > 0 then begin
        _Cost[782] :=
(pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*

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((hrs_inform_samp_pe_school_op*rate_op)+cost_inform_samp_pe_school);
    inc(TotEval);
    _OM[782] := 0;
    inc(TotEval);
end;

//system_second_provide_res_3a_vol_1 row: 785
_CalcCost[783] := school_3a;
inc(TotEval);
if _CalcCost[783] > 0 then begin
    _Cost[783] :=
(pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*((
hrs_inform_samp_pe_school_op*rate_op)+cost_inform_samp_pe_school);
    inc(TotEval);
    _OM[783] := 0;
    inc(TotEval);
end;

//system_second_provide_res_3a_vol_priv row: 786
_CalcCost[784] := school_3a;
inc(TotEval);
if _CalcCost[784] > 0 then begin
    _Cost[784] :=
(pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
((hrs_inform_samp_pe_school_op*rate_op)+cost_inform_samp_pe_school);
    inc(TotEval);
    _OM[784] := 0;
    inc(TotEval);
end;

//system_second_provide_res_3a_vol row: 787
_CalcCost[785] := school_3a;
inc(TotEval);
if _CalcCost[785] > 0 then begin
    _Cost[785] :=
(pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*((
hrs_inform_samp_pe_school_op*rate_op)+cost_inform_samp_pe_school);
    inc(TotEval);
    _OM[785] := 0;
    inc(TotEval);
end;

//system_daycare_provide_res_3a_vol row: 788
_CalcCost[786] := school_3a;
inc(TotEval);
if _CalcCost[786] > 0 then begin
    _Cost[786] :=
(pp_childcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*((hrs_inform_s
amp_pe_school_op*rate_op)+cost_inform_samp_pe_school);
    inc(TotEval);

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    _OM[786] := 0;
    inc(TotEval);
end;

//system_elem_provide_res_3a_vol_priv row: 789
_CalcCost[787] := school_3a;
inc(TotEval);
if _CalcCost[787] > 0 then begin
    _Cost[787] :=
(pp_priv_elem_onreq_waiver*numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*((hrs_
_inform_samp_pe_school_op*rate_op)+cost_inform_samp_pe_school);
    inc(TotEval);
    _OM[787] := 0;
    inc(TotEval);
end;

//system_elem_provide_res_3a_vol row: 790
_CalcCost[788] := school_3a;
inc(TotEval);
if _CalcCost[788] > 0 then begin
    _Cost[788] :=
(pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*((hrs_i
nform_samp_pe_school_op*rate_op)+cost_inform_samp_pe_school);
    inc(TotEval);
    _OM[788] := 0;
    inc(TotEval);
end;

//system_daycare_provide_res_3a row: 791
_CalcCost[789] := school_3a;
inc(TotEval);
if _CalcCost[789] > 0 then begin
    _Cost[789] :=
(pp_childcare_mand_waiver*numb_daycares*pws_pop*pp_mand_twenty_partic)*((hrs_inform_
samp_pe_school_op*rate_op)+cost_inform_samp_pe_school);
    inc(TotEval);
    _OM[789] := 0;
    inc(TotEval);
end;

//system_elem_provide_res_3a row: 792
_CalcCost[790] := school_3a;
inc(TotEval);
if _CalcCost[790] > 0 then begin
    _Cost[790] :=
(pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*((hr
s_inform_samp_pe_school_op*rate_op)+cost_inform_samp_pe_school);
    inc(TotEval);
    _OM[790] := 0;
    inc(TotEval);
end;

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end;

//system_elem_provide_res_3a_pub row: 793
_CalcCost[791] := school_3a;
inc(TotEval);
if _CalcCost[791] > 0 then begin
    _Cost[791] :=
(pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*((hrs_
inform_samp_pe_school_op*rate_op)+cost_inform_samp_pe_school);
    inc(TotEval);
    _OM[791] := 0;
inc(TotEval);
end;

//system_second_travel_3a_vol_priv_1 row: 794
_CalcCost[792] := school_3a;
inc(TotEval);
if _CalcCost[792] > 0 then begin
    _Cost[792] :=
(pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
((hrs_travel_samp_school_op*rate_op)+cost_travel_samp_school);
    inc(TotEval);
    _OM[792] := 0;
inc(TotEval);
end;

//system_second_travel_3a_vol_1 row: 795
_CalcCost[793] := school_3a;
inc(TotEval);
if _CalcCost[793] > 0 then begin
    _Cost[793] :=
(pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*((
hrs_travel_samp_school_op*rate_op)+cost_travel_samp_school);
    inc(TotEval);
    _OM[793] := 0;
inc(TotEval);
end;

//system_second_travel_3a_vol_priv row: 796
_CalcCost[794] := school_3a;
inc(TotEval);
if _CalcCost[794] > 0 then begin
    _Cost[794] :=
(pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
((hrs_travel_samp_school_op*rate_op)+cost_travel_samp_school);
    inc(TotEval);
    _OM[794] := 0;
inc(TotEval);
end;

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```

//system_second_travel_3a_vol row: 797
_CalcCost[795] := school_3a;
inc(TotEval);
if _CalcCost[795] > 0 then begin
    _Cost[795] :=
(pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*((
hrs_travel_samp_school_op*rate_op)+cost_travel_samp_school);
    inc(TotEval);
    _OM[795] := 0;
    inc(TotEval);
end;

//system_daycare_travel_3a_vol row: 798
_CalcCost[796] := school_3a;
inc(TotEval);
if _CalcCost[796] > 0 then begin
    _Cost[796] :=
(pp_childcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*((hrs_travel_s
amp_school_op*rate_op)+cost_travel_samp_school);
    inc(TotEval);
    _OM[796] := 0;
    inc(TotEval);
end;

//system_elem_travel_3a_vol_priv row: 799
_CalcCost[797] := school_3a;
inc(TotEval);
if _CalcCost[797] > 0 then begin
    _Cost[797] :=
(pp_priv_elem_onreq_waiver*numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*((hrs
_travel_samp_school_op*rate_op)+cost_travel_samp_school);
    inc(TotEval);
    _OM[797] := 0;
    inc(TotEval);
end;

//system_elem_travel_3a_vol row: 800
_CalcCost[798] := school_3a;
inc(TotEval);
if _CalcCost[798] > 0 then begin
    _Cost[798] :=
(pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*((hrs_t
ravel_samp_school_op*rate_op)+cost_travel_samp_school);
    inc(TotEval);
    _OM[798] := 0;
    inc(TotEval);
end;

//system_daycare_travel_3a row: 801
_CalcCost[799] := school_3a;

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    inc(TotEval);
    if _CalcCost[799] > 0 then begin
        _Cost[799] :=
(pp_childcare_mand_waiver*numb_daycares*pws_pop*pp_mand_twenty_partic)*((hrs_travel_
samp_school_op*rate_op)+cost_travel_samp_school);
        inc(TotEval);
        _OM[799] := 0;
    inc(TotEval);
    end;

    //system_elem_travel_3a row: 802
    _CalcCost[800] := school_3a;
    inc(TotEval);
    if _CalcCost[800] > 0 then begin
        _Cost[800] :=
(pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*((hr
s_travel_samp_school_op*rate_op)+cost_travel_samp_school);
        inc(TotEval);
        _OM[800] := 0;
    inc(TotEval);
    end;

    //system_elem_travel_3a_pub row: 803
    _CalcCost[801] := school_3a;
    inc(TotEval);
    if _CalcCost[801] > 0 then begin
        _Cost[801] :=
(pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*((hrs_
travel_samp_school_op*rate_op)+cost_travel_samp_school);
        inc(TotEval);
        _OM[801] := 0;
    inc(TotEval);
    end;

    //system_daycare_call_mand_3a row: 804
    _CalcCost[802] := school_3a;
    inc(TotEval);
    if _CalcCost[802] > 0 then begin
        _Cost[802] :=
pp_childcare_mand_waiver*numb_daycares*pws_pop*(hrs_childcare_call_op*rate_op);
        inc(TotEval);
        _OM[802] := 0;
    inc(TotEval);
    end;

    //system_elem_call_mand_3a row: 805
    _CalcCost[803] := school_3a;
    inc(TotEval);
    if _CalcCost[803] > 0 then begin
        _Cost[803] :=

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pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*(hrs_school_call_op*rate_op)
;
    inc(TotEval);
    _OM[803] := 0;
    inc(TotEval);
    end;

//system_elem_call_mand_3a_pub row: 806
_CalcCost[804] := school_3a;
inc(TotEval);
if _CalcCost[804] > 0 then begin
    _Cost[804] :=
pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*(hrs_school_call_op*rate_op);
    inc(TotEval);
    _OM[804] := 0;
    inc(TotEval);
    end;

//system_second_coord_school_3a_vol_priv_1 row: 807
_CalcCost[805] := school_3a;
inc(TotEval);
if _CalcCost[805] > 0 then begin
    _Cost[805] :=
(pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
(hrs_school_coor_sample_op*rate_op);
    inc(TotEval);
    _OM[805] := 0;
    inc(TotEval);
    end;

//system_second_coord_school_3a_vol_1 row: 808
_CalcCost[806] := school_3a;
inc(TotEval);
if _CalcCost[806] > 0 then begin
    _Cost[806] :=
(pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*(h
rs_school_coor_sample_op*rate_op);
    inc(TotEval);
    _OM[806] := 0;
    inc(TotEval);
    end;

//system_second_coord_school_3a_vol_priv row: 809
_CalcCost[807] := school_3a;
inc(TotEval);
if _CalcCost[807] > 0 then begin
    _Cost[807] :=
(pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
(hrs_school_coor_sample_op*rate_op);
    inc(TotEval);

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    _OM[807] := 0;
    inc(TotEval);
end;

//system_second_coord_school_3a_vol row: 810
_CalcCost[808] := school_3a;
inc(TotEval);
if _CalcCost[808] > 0 then begin
    _Cost[808] :=
(pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*(h
rs_school_coor_sample_op*rate_op);
    inc(TotEval);
    _OM[808] := 0;
    inc(TotEval);
end;

//system_daycare_coord_school_3a_vol row: 811
_CalcCost[809] := school_3a;
inc(TotEval);
if _CalcCost[809] > 0 then begin
    _Cost[809] :=
(pp_childcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*(hrs_school_co
or_sample_op*rate_op);
    inc(TotEval);
    _OM[809] := 0;
    inc(TotEval);
end;

//system_elem_coord_school_3a_vol_priv row: 812
_CalcCost[810] := school_3a;
inc(TotEval);
if _CalcCost[810] > 0 then begin
    _Cost[810] :=
(pp_priv_elem_onreq_waiver*numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*(hrs_
school_coor_sample_op*rate_op);
    inc(TotEval);
    _OM[810] := 0;
    inc(TotEval);
end;

//system_elem_coord_school_3a_vol row: 813
_CalcCost[811] := school_3a;
inc(TotEval);
if _CalcCost[811] > 0 then begin
    _Cost[811] :=
(pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*(hrs_sc
hool_coor_sample_op*rate_op);
    inc(TotEval);
    _OM[811] := 0;
    inc(TotEval);
end;

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end;

//system_daycare_coord_school_3a row: 814
_CalcCost[812] := school_3a;
inc(TotEval);
if _CalcCost[812] > 0 then begin
    _Cost[812] :=
(pp_childcare_mand_waiver*numb_daycares*pws_pop*pp_mand_twenty_partic)*(hrs_school_c
oor_sample_op*rate_op);
    inc(TotEval);
    _OM[812] := 0;
    inc(TotEval);
end;

//system_elem_coord_school_3a row: 815
_CalcCost[813] := school_3a;
inc(TotEval);
if _CalcCost[813] > 0 then begin
    _Cost[813] :=
(pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*(hrs
_school_coor_sample_op*rate_op);
    inc(TotEval);
    _OM[813] := 0;
    inc(TotEval);
end;

//system_elem_coord_school_3a_pub row: 816
_CalcCost[814] := school_3a;
inc(TotEval);
if _CalcCost[814] > 0 then begin
    _Cost[814] :=
(pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*(hrs_s
chool_coor_sample_op*rate_op);
    inc(TotEval);
    _OM[814] := 0;
    inc(TotEval);
end;

//system_second_call_vol_3a_priv_1 row: 817
_CalcCost[815] := school_3a;
inc(TotEval);
if _CalcCost[815] > 0 then begin
    _Cost[815] :=
(pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
((hrs_school_annual_contact_op*rate_op)+cost_school_annual_contact);
    inc(TotEval);
    _OM[815] := 0;
    inc(TotEval);
end;

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//system_second_call_vol_3a_1 row: 818
_CalcCost[816] := school_3a;
inc(TotEval);
if _CalcCost[816] > 0 then begin
    _Cost[816] :=
(pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*((
hrs_school_annual_contact_op*rate_op)+cost_school_annual_contact);
    inc(TotEval);
    _OM[816] := 0;
    inc(TotEval);
end;

//system_second_call_vol_3a_priv row: 819
_CalcCost[817] := school_3a;
inc(TotEval);
if _CalcCost[817] > 0 then begin
    _Cost[817] :=
(pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
((hrs_school_annual_contact_op*rate_op)+cost_school_annual_contact);
    inc(TotEval);
    _OM[817] := 0;
    inc(TotEval);
end;

//system_second_call_vol_3a row: 820
_CalcCost[818] := school_3a;
inc(TotEval);
if _CalcCost[818] > 0 then begin
    _Cost[818] :=
(pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*((
hrs_school_annual_contact_op*rate_op)+cost_school_annual_contact);
    inc(TotEval);
    _OM[818] := 0;
    inc(TotEval);
end;

//system_call_vol_3a row: 821
_CalcCost[819] := school_3a;
inc(TotEval);
if _CalcCost[819] > 0 then begin
    _Cost[819] :=
(pp_childcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*((hrs_school_a
nnual_contact_op*rate_op)+cost_school_annual_contact);
    inc(TotEval);
    _OM[819] := 0;
    inc(TotEval);
end;

//system_elem_call_vol_3a_priv row: 822
_CalcCost[820] := school_3a;

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inc(TotEval);
if _CalcCost[820] > 0 then begin
    _Cost[820] :=
(pp_priv_elem_onreq_waiver*numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*((hrs
_school_annual_contact_op*rate_op)+cost_school_annual_contact);
    inc(TotEval);
    _OM[820] := 0;
inc(TotEval);
end;

//system_elem_call_vol_3a row: 823
_CalcCost[821] := school_3a;
inc(TotEval);
if _CalcCost[821] > 0 then begin
    _Cost[821] :=
(pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*((hrs_s
chool_annual_contact_op*rate_op)+cost_school_annual_contact);
    inc(TotEval);
    _OM[821] := 0;
inc(TotEval);
end;

//system_elem_devel_letter_3a_pub row: 824
_CalcCost[822] := school_3a;
inc(TotEval);
if _CalcCost[822] > 0 then begin
    _Cost[822] := (hrs_devel_pe_school_op*rate_op);
    inc(TotEval);
    _OM[822] := 0;
inc(TotEval);
end;

//system_daycare_id_3a row: 825
_CalcCost[823] := school_3a;
inc(TotEval);
if _CalcCost[823] > 0 then begin
    _Cost[823] := numb_daycares*pws_pop*(hrs_school_identify_op*rate_op);
    inc(TotEval);
    _OM[823] := 0;
inc(TotEval);
end;

//system_elem_id_3a row: 826
_CalcCost[824] := school_3a;
inc(TotEval);
if _CalcCost[824] > 0 then begin
    _Cost[824] := numb_elem_schools_priv*pws_pop*(hrs_school_identify_op*rate_op);
    inc(TotEval);
    _OM[824] := 0;
inc(TotEval);
end;

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end;

//system_elem_id_3a_pub_mand row: 827
_CalcCost[825] := school_3a;
inc(TotEval);
if _CalcCost[825] > 0 then begin
    _Cost[825] := numb_elem_schools_pub*pws_pop*(hrs_school_identify_op*rate_op);
    inc(TotEval);
    _OM[825] := 0;
inc(TotEval);
end;

//system_elem_id_3a_priv_opt row: 828
_CalcCost[826] := school_3a;
inc(TotEval);
if _CalcCost[826] > 0 then begin
    _Cost[826] :=
numb_second_schools_priv*pws_pop*(hrs_school_identify_op*rate_op);
    inc(TotEval);
    _OM[826] := 0;
inc(TotEval);
end;

//system_elem_id_3a_pub_opt row: 829
_CalcCost[827] := school_3a;
inc(TotEval);
if _CalcCost[827] > 0 then begin
    _Cost[827] :=
numb_second_schools_pub*pws_pop*(hrs_school_identify_op*rate_op);
    inc(TotEval);
    _OM[827] := 0;
inc(TotEval);
end;

//system_daycare_dist_letter_3a row: 830
_CalcCost[828] := school_3a;
inc(TotEval);
if _CalcCost[828] > 0 then begin
    _Cost[828] :=
numb_daycares*pws_pop*((hrs_school_letter_op*rate_op)+cost_school_letter);
    inc(TotEval);
    _OM[828] := 0;
inc(TotEval);
end;

//system_elem_dist_letter_3a row: 831
_CalcCost[829] := school_3a;
inc(TotEval);
if _CalcCost[829] > 0 then begin
    _Cost[829] :=

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numb_elem_schools_priv*pws_pop*((hrs_school_letter_op*rate_op)+cost_school_letter);
    inc(TotEval);
    _OM[829] := 0;
inc(TotEval);
end;

//system_elem_dist_letter_3a_pub_mand row: 832
_CalcCost[830] := school_3a;
inc(TotEval);
if _CalcCost[830] > 0 then begin
    _Cost[830] :=
numb_elem_schools_pub*pws_pop*((hrs_school_letter_op*rate_op)+cost_school_letter);
    inc(TotEval);
    _OM[830] := 0;
inc(TotEval);
end;

//system_elem_dist_letter_3a_priv_opt row: 833
_CalcCost[831] := school_3a;
inc(TotEval);
if _CalcCost[831] > 0 then begin
    _Cost[831] :=
numb_second_schools_priv*pws_pop*((hrs_school_letter_op*rate_op)+cost_school_letter)
;
    inc(TotEval);
    _OM[831] := 0;
inc(TotEval);
end;

//system_elem_dist_letter_3a_pub_opt row: 834
_CalcCost[832] := school_3a;
inc(TotEval);
if _CalcCost[832] > 0 then begin
    _Cost[832] :=
numb_second_schools_pub*pws_pop*((hrs_school_letter_op*rate_op)+cost_school_letter);
    inc(TotEval);
    _OM[832] := 0;
inc(TotEval);
end;

//system_deliv_lead_pe_ntncws row: 835
_Cost[833] := ((hrs_ntncws_distr_edu_op*rate_op)+cost_ntncws_pe_lcr_delivery);
    inc(TotEval);
    _OM[833] := 0;
inc(TotEval);

//cct_findfix_cost_umra row: 836
_CalcCost[834] := b_dssa;
inc(TotEval);
if _CalcCost[834] > 0 then begin

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    _Cost[834] := cct_dssa_cost_umra;
    inc(TotEval);
    _OM[834] := 0;
inc(TotEval);
end;

//cct_install_cost_umra row: 837
_CalcCost[835] := b_install_cct;
inc(TotEval);
if _CalcCost[835] > 0 then begin
    _Cost[835] := cct_install_cost_umra;
    inc(TotEval);
    _OM[835] := 0;
inc(TotEval);
end;

//cct_modify_cost_umra row: 838
_CalcCost[836] := b_modify_cct;
inc(TotEval);
if _CalcCost[836] > 0 then begin
    _Cost[836] := cct_modify_cost_umra;
    inc(TotEval);
    _OM[836] := 0;
inc(TotEval);
end;

//cct_findfix_cost_umra_om row: 839
_CalcCost[837] := b_dssa;
inc(TotEval);
if _CalcCost[837] > 0 then begin
    _Cost[837] := cct_dssa_cost_umra_om;
    inc(TotEval);
    _OM[837] := 0;
inc(TotEval);
end;

//cct_install_cost_umra_om row: 840
_CalcCost[838] := b_install_cct;
inc(TotEval);
if _CalcCost[838] > 0 then begin
    _Cost[838] := cct_install_cost_umra_om;
    inc(TotEval);
    _OM[838] := 0;
inc(TotEval);
end;

//cct_modify_cost_umra_om row: 841
_CalcCost[839] := b_modify_cct;
inc(TotEval);
if _CalcCost[839] > 0 then begin

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    _Cost[839] := cct_modify_cost_umra_om;
    inc(TotEval);
    _OM[839] := 0;
inc(TotEval);
end;

//system_cert_pe_ntncws row: 842
_Cost[840] := (hrs_cert_outreach_annual_op*rate_op);
    inc(TotEval);
    _OM[840] := 0;
inc(TotEval);

//state_review_cert_pe_ntncws row: 843
_Cost[841] := (hrs_cert_outreach_annual_js*rate_js);
    inc(TotEval);
    _OM[841] := 0;
inc(TotEval);

//cct_install_cost_p row: 844
_CalcCost[842] := b_install_cct;
inc(TotEval);
if _CalcCost[842] > 0 then begin
    _Cost[842] := cct_install_cost_p;
    inc(TotEval);
    _OM[842] := 0;
inc(TotEval);
end;

//cct_modify_cost_p row: 845
_CalcCost[843] := b_modify_cct;
inc(TotEval);
if _CalcCost[843] > 0 then begin
    _Cost[843] := cct_modify_cost_p;
    inc(TotEval);
    _OM[843] := 0;
inc(TotEval);
end;

//cct_findfix_cost_p row: 846
_CalcCost[844] := b_dssa;
inc(TotEval);
if _CalcCost[844] > 0 then begin
    _Cost[844] := cct_dssa_cost_p;
    inc(TotEval);
    _OM[844] := 0;
inc(TotEval);
end;

//system_temp_pou_dummy row: 847
_Cost[845] := 0;

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        inc(TotEval);
        _OM[845] := 0;
        inc(TotEval);

        //system_all_filter_dummy row: 848
        _Cost[846] := 0;
        inc(TotEval);
        _OM[846] := 0;
        inc(TotEval);

    end;
end;

procedure TLSRCompiledCostBaselineLCRR._EvaluateState(const Yr : integer);
begin
    _Reset(True);
    _LoadVars();
    with _Variables do begin

        //state_adopt row: 2
        _Cost[0] := (hrs_adopt_rule_js*rate_js);
        inc(TotEval);
        _OM[0] := 0;
        inc(TotEval);

        //state_modify_ds row: 3
        _Cost[1] := (hrs_modify_ds_js*rate_js);
        inc(TotEval);
        _OM[1] := 0;
        inc(TotEval);

        //state_provide_train row: 4
        _Cost[2] := (hrs_initial_ta_js*rate_js);
        inc(TotEval);
        _OM[2] := 0;
        inc(TotEval);

        //state_attend_train row: 5
        _Cost[3] := (hrs_train_imp_js*rate_js);
        inc(TotEval);
        _OM[3] := 0;
        inc(TotEval);

        //state_epa row: 6
        _Cost[4] := (hrs_coord_epa_js*rate_js);
        inc(TotEval);
        _OM[4] := 0;
        inc(TotEval);

        //state_ta row: 7

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_Cost[5] := (hrs_ta_js*rate_js);
    inc(TotEval);
_OM[5] := 0;
inc(TotEval);

//state_sdwis row: 8
_Cost[6] := (hrs_sdwis_js*rate_js);
    inc(TotEval);
_OM[6] := 0;
inc(TotEval);

//state_train_admin row: 9
_Cost[7] := (hrs_train_ann_js*rate_js);
    inc(TotEval);
_OM[7] := 0;
inc(TotEval);

end;
end;

procedure TLSRCompiledCostBaselineLCRR._SetVarPointer(const name : string; const pd
: PDouble);
var s : string;
begin
    s := lowercase(name);
    if s = 'annual_pou_cost_hh' then _Variables.p_annual_pou_cost_hh:=pd else
    if s = 'b_cct_study_install' then _Variables.p_b_cct_study_install:=pd else
    if s = 'b_cct_study_mod_al' then _Variables.p_b_cct_study_mod_al:=pd else
    if s = 'b_cct_study_mod_tl' then _Variables.p_b_cct_study_mod_tl:=pd else
    if s = 'b_dssa' then _Variables.p_b_dssa:=pd else
    if s = 'b_install_cct' then _Variables.p_b_install_cct:=pd else
    if s = 'b_install_pou' then _Variables.p_b_install_pou:=pd else
    if s = 'b_lslr_mand' then _Variables.p_b_lslr_mand:=pd else
    if s = 'b_lslr_requested' then _Variables.p_b_lslr_requested:=pd else
    if s = 'b_lslr_study' then _Variables.p_b_lslr_study:=pd else
    if s = 'b_lslr_vol' then _Variables.p_b_lslr_vol:=pd else
    if s = 'b_modify_cct' then _Variables.p_b_modify_cct:=pd else
    if s = 'b_modify_cct_al' then _Variables.p_b_modify_cct_al:=pd else
    if s = 'b_modify_cct_tl' then _Variables.p_b_modify_cct_tl:=pd else
    if s = 'b_pou_study' then _Variables.p_b_pou_study:=pd else
    if s = 'b_state_cct_treatment_mod_al' then
_Variables.p_b_state_cct_treatment_mod_al:=pd else
    if s = 'b_state_cct_treatment_mod_tl' then
_Variables.p_b_state_cct_treatment_mod_tl:=pd else
    if s = 'b_state_one' then _Variables.p_b_state_one:=pd else
    if s = 'b_state_two' then _Variables.p_b_state_two:=pd else
    if s = 'cct_dssa_cost' then _Variables.p_cct_dssa_cost:=pd else
    if s = 'cct_dssa_cost_p' then _Variables.p_cct_dssa_cost_p:=pd else
    if s = 'cct_dssa_cost_umra' then _Variables.p_cct_dssa_cost_umra:=pd else

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if s = 'cct_dssa_cost_umra_om' then _Variables.p_cct_dssa_cost_umra_om:=pd else
if s = 'cct_existing_cost' then _Variables.p_cct_existing_cost:=pd else
if s = 'cct_install_cost' then _Variables.p_cct_install_cost:=pd else
if s = 'cct_install_cost_p' then _Variables.p_cct_install_cost_p:=pd else
if s = 'cct_install_cost_umra' then _Variables.p_cct_install_cost_umra:=pd else
if s = 'cct_install_cost_umra_om' then _Variables.p_cct_install_cost_umra_om:=pd
else
if s = 'cct_modify_cost' then _Variables.p_cct_modify_cost:=pd else
if s = 'cct_modify_cost_p' then _Variables.p_cct_modify_cost_p:=pd else
if s = 'cct_modify_cost_umra' then _Variables.p_cct_modify_cost_umra:=pd else
if s = 'cct_modify_cost_umra_om' then _Variables.p_cct_modify_cost_umra_om:=pd
else
if s = 'cost_5_commercial_lab' then _Variables.p_cost_5_commercial_lab:=pd else
if s = 'cost_5_lt_samp' then _Variables.p_cost_5_lt_samp:=pd else
if s = 'cost_ale_other' then _Variables.p_cost_ale_other:=pd else
if s = 'cost_annual_report_school_dist' then
_VVariables.p_cost_annual_report_school_dist:=pd else
if s = 'cost_cct_study_dem' then _Variables.p_cost_cct_study_dem:=pd else
if s = 'cost_collect_samp_school' then _Variables.p_cost_collect_samp_school:=pd
else
if s = 'cost_commercial_lab' then _Variables.p_cost_commercial_lab:=pd else
if s = 'cost_commercial_lsl_lslr' then _Variables.p_cost_commercial_lsl_lslr:=pd
else
if s = 'cost_cust_lslr' then _Variables.p_cost_cust_lslr:=pd else
if s = 'cost_cust_lt' then _Variables.p_cost_cust_lt:=pd else
if s = 'cost_ep_wqp_material' then _Variables.p_cost_ep_wqp_material:=pd else
if s = 'cost_ep_wqp_ortho_material' then
_VVariables.p_cost_ep_wqp_ortho_material:=pd else
if s = 'cost_ep_wqp_ph_material' then _Variables.p_cost_ep_wqp_ph_material:=pd
else
if s = 'cost_fail_hh' then _Variables.p_cost_fail_hh:=pd else
if s = 'cost_fail_sys' then _Variables.p_cost_fail_sys:=pd else
if s = 'cost_filter_hh' then _Variables.p_cost_filter_hh:=pd else
if s = 'cost_hc' then _Variables.p_cost_hc:=pd else
if s = 'cost_hh_request' then _Variables.p_cost_hh_request:=pd else
if s = 'cost_incentive' then _Variables.p_cost_incentive:=pd else
if s = 'cost_inform_samp_pe_school' then
_VVariables.p_cost_inform_samp_pe_school:=pd else
if s = 'cost_lab_lsl_lslr' then _Variables.p_cost_lab_lsl_lslr:=pd else
if s = 'cost_lab_lt_samp' then _Variables.p_cost_lab_lt_samp:=pd else
if s = 'cost_lab_ortho_wqp' then _Variables.p_cost_lab_ortho_wqp:=pd else
if s = 'cost_lab_ph_wqp' then _Variables.p_cost_lab_ph_wqp:=pd else
if s = 'cost_lab_wqp' then _Variables.p_cost_lab_wqp:=pd else
if s = 'cost_lab_wqp_ep' then _Variables.p_cost_lab_wqp_ep:=pd else
if s = 'cost_lab_wqp_ortho_ep' then _Variables.p_cost_lab_wqp_ortho_ep:=pd else
if s = 'cost_lab_wqp_ph_ep' then _Variables.p_cost_lab_wqp_ph_ep:=pd else
if s = 'cost_lslr_gal_prev_lsl_ccemg_pws' then
_VVariables.p_cost_lslr_gal_prev_lsl_ccemg_pws:=pd else
if s = 'cost_lslr_gal_prev_lsl_reg_pws' then
_VVariables.p_cost_lslr_gal_prev_lsl_reg_pws:=pd else

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    if s = 'cost_lslr_lsl_ccemg_mand_pws' then
_Variables.p_cost_lslr_lsl_ccemg_mand_pws:=pd else
    if s = 'cost_lslr_lsl_ccemg_vol_hh' then
_Variables.p_cost_lslr_lsl_ccemg_vol_hh:=pd else
    if s = 'cost_lslr_lsl_ccemg_vol_pws' then
_Variables.p_cost_lslr_lsl_ccemg_vol_pws:=pd else
    if s = 'cost_lslr_lsl_reg_mand_pws' then
_Variables.p_cost_lslr_lsl_reg_mand_pws:=pd else
    if s = 'cost_lslr_lsl_reg_vol_hh' then _Variables.p_cost_lslr_lsl_reg_vol_hh:=pd
else
    if s = 'cost_lslr_lsl_reg_vol_pws' then _Variables.p_cost_lslr_lsl_reg_vol_pws:=pd
else
    if s = 'cost_lslr_out' then _Variables.p_cost_lslr_out:=pd else
    if s = 'cost_lslr_partial_reg_pws' then _Variables.p_cost_lslr_partial_reg_pws:=pd
else
    if s = 'cost_ntncws_cust_lslr' then _Variables.p_cost_ntncws_cust_lslr:=pd else
    if s = 'cost_ntncws_cust_lt' then _Variables.p_cost_ntncws_cust_lt:=pd else
    if s = 'cost_ntncws_distr_pe_pou' then _Variables.p_cost_ntncws_distr_pe_pou:=pd
else
    if s = 'cost_ntncws_pe_lcr_delivery' then
_Variables.p_cost_ntncws_pe_lcr_delivery:=pd else
    if s = 'cost_ntncws_pe_lsl_gen' then _Variables.p_cost_ntncws_pe_lsl_gen:=pd else
    if s = 'cost_other_lt_samp' then _Variables.p_cost_other_lt_samp:=pd else
    if s = 'cost_other_request' then _Variables.p_cost_other_request:=pd else
    if s = 'cost_pe_lcr_delivery' then _Variables.p_cost_pe_lcr_delivery:=pd else
    if s = 'cost_pe_lead_ale' then _Variables.p_cost_pe_lead_ale:=pd else
    if s = 'cost_pe_lsl_gen' then _Variables.p_cost_pe_lsl_gen:=pd else
    if s = 'cost_pickup_samp' then _Variables.p_cost_pickup_samp:=pd else
    if s = 'cost_pou_samp' then _Variables.p_cost_pou_samp:=pd else
    if s = 'cost_pr' then _Variables.p_cost_pr:=pd else
    if s = 'cost_print_pe_pou' then _Variables.p_cost_print_pe_pou:=pd else
    if s = 'cost_pub_deliv_wtr_ed' then _Variables.p_cost_pub_deliv_wtr_ed:=pd else
    if s = 'cost_replaced_lsl_contact' then _Variables.p_cost_replaced_lsl_contact:=pd
else
    if s = 'cost_revise_cct' then _Variables.p_cost_revise_cct:=pd else
    if s = 'cost_samp_above_al' then _Variables.p_cost_samp_above_al:=pd else
    if s = 'cost_school_annual_contact' then
_Variables.p_cost_school_annual_contact:=pd else
    if s = 'cost_school_letter' then _Variables.p_cost_school_letter:=pd else
    if s = 'cost_source' then _Variables.p_cost_source:=pd else
    if s = 'cost_source_analyze' then _Variables.p_cost_source_analyze:=pd else
    if s = 'cost_source_material' then _Variables.p_cost_source_material:=pd else
    if s = 'cost_travel_samp_school' then _Variables.p_cost_travel_samp_school:=pd
else
    if s = 'cost_update' then _Variables.p_cost_update:=pd else
    if s = 'cost_walkthrough_school' then _Variables.p_cost_walkthrough_school:=pd
else
    if s = 'cost_wqp_analyze' then _Variables.p_cost_wqp_analyze:=pd else
    if s = 'cost_wqp_analyze_ep' then _Variables.p_cost_wqp_analyze_ep:=pd else
    if s = 'cost_wqp_analyze_ortho_ep' then _Variables.p_cost_wqp_analyze_ortho_ep:=pd

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else
  if s = 'cost_wqp_analyze_ph_ep' then _Variables.p_cost_wqp_analyze_ph_ep:=pd else
  if s = 'cost_wqp_material' then _Variables.p_cost_wqp_material:=pd else
  if s = 'cost_wqp_material_ortho' then _Variables.p_cost_wqp_material_ortho:=pd
else
  if s = 'cost_wqp_material_ph' then _Variables.p_cost_wqp_material_ph:=pd else
  if s = 'cost_wqp_ortho_analyze' then _Variables.p_cost_wqp_ortho_analyze:=pd else
  if s = 'cost_wqp_ph_analyze' then _Variables.p_cost_wqp_ph_analyze:=pd else
  if s = 'fail_nm1' then _Variables.p_fail_nm1:=pd else
  if s = 'fail_nm2' then _Variables.p_fail_nm2:=pd else
  if s = 'hh_remain_lsl' then _Variables.p_hh_remain_lsl:=pd else
  if s = 'hh_unknown_remain' then _Variables.p_hh_unknown_remain:=pd else
  if s = 'hrs_access_lsl_op' then _Variables.p_hrs_access_lsl_op:=pd else
  if s = 'hrs_add_lsl_samp_op' then _Variables.p_hrs_add_lsl_samp_op:=pd else
  if s = 'hrs_adopt_rule_js' then _Variables.p_hrs_adopt_rule_js:=pd else
  if s = 'hrs_ale_consult_js' then _Variables.p_hrs_ale_consult_js:=pd else
  if s = 'hrs_ale_consult_op' then _Variables.p_hrs_ale_consult_op:=pd else
  if s = 'hrs_ale_lang_js' then _Variables.p_hrs_ale_lang_js:=pd else
  if s = 'hrs_ale_other_op' then _Variables.p_hrs_ale_other_op:=pd else
  if s = 'hrs_analyze_lsl_lslr_op' then _Variables.p_hrs_analyze_lsl_lslr_op:=pd
else
  if s = 'hrs_analyze_samp_op' then _Variables.p_hrs_analyze_samp_op:=pd else
  if s = 'hrs_annual_lt_js' then _Variables.p_hrs_annual_lt_js:=pd else
  if s = 'hrs_annual_lt_op' then _Variables.p_hrs_annual_lt_op:=pd else
  if s = 'hrs_annual_report_school_js' then
    _Variables.p_hrs_annual_report_school_js:=pd else
  if s = 'hrs_annual_report_school_prepare_op' then
    _Variables.p_hrs_annual_report_school_prepare_op:=pd else
  if s = 'hrs_cct_review_js' then _Variables.p_hrs_cct_review_js:=pd else
  if s = 'hrs_cert_cust_lt_js' then _Variables.p_hrs_cert_cust_lt_js:=pd else
  if s = 'hrs_cert_cust_lt_op' then _Variables.p_hrs_cert_cust_lt_op:=pd else
  if s = 'hrs_cert_outreach_annual_js' then
    _Variables.p_hrs_cert_outreach_annual_js:=pd else
  if s = 'hrs_cert_outreach_annual_op' then
    _Variables.p_hrs_cert_outreach_annual_op:=pd else
  if s = 'hrs_childcare_call_op' then _Variables.p_hrs_childcare_call_op:=pd else
  if s = 'hrs_chng_tap_js' then _Variables.p_hrs_chng_tap_js:=pd else
  if s = 'hrs_chng_tap_op' then _Variables.p_hrs_chng_tap_op:=pd else
  if s = 'hrs_collect_lsl_lslr_op' then _Variables.p_hrs_collect_lsl_lslr_op:=pd
else
  if s = 'hrs_collect_samp_school_op' then
    _Variables.p_hrs_collect_samp_school_op:=pd else
  if s = 'hrs_consult_dssa_js' then _Variables.p_hrs_consult_dssa_js:=pd else
  if s = 'hrs_consult_dssa_op' then _Variables.p_hrs_consult_dssa_op:=pd else
  if s = 'hrs_consult_fail_js' then _Variables.p_hrs_consult_fail_js:=pd else
  if s = 'hrs_consult_fail_op' then _Variables.p_hrs_consult_fail_op:=pd else
  if s = 'hrs_coop_source_chng_red_js' then
    _Variables.p_hrs_coop_source_chng_red_js:=pd else
  if s = 'hrs_coop_source_chng_red_op' then
    _Variables.p_hrs_coop_source_chng_red_op:=pd else

```

```

    if s = 'hrs_coop_source_chng_rout_js' then
_Variables.p_hrs_coop_source_chng_rout_js:=pd else
    if s = 'hrs_coop_source_chng_rout_op' then
_Variables.p_hrs_coop_source_chng_rout_op:=pd else
    if s = 'hrs_coop_treat_chng_red_js' then
_Variables.p_hrs_coop_treat_chng_red_js:=pd else
    if s = 'hrs_coop_treat_chng_red_op' then
_Variables.p_hrs_coop_treat_chng_red_op:=pd else
    if s = 'hrs_coop_treat_chng_rout_js' then
_Variables.p_hrs_coop_treat_chng_rout_js:=pd else
    if s = 'hrs_coop_treat_chng_rout_op' then
_Variables.p_hrs_coop_treat_chng_rout_op:=pd else
    if s = 'hrs_coord_epa_js' then _Variables.p_hrs_coord_epa_js:=pd else
    if s = 'hrs_cust_plan_op' then _Variables.p_hrs_cust_plan_op:=pd else
    if s = 'hrs_deter_dssa_op' then _Variables.p_hrs_deter_dssa_op:=pd else
    if s = 'hrs_devel_pe_school_op' then _Variables.p_hrs_devel_pe_school_op:=pd else
    if s = 'hrs_devel_samp_op' then _Variables.p_hrs_devel_samp_op:=pd else
    if s = 'hrs_discuss_samp_op' then _Variables.p_hrs_discuss_samp_op:=pd else
    if s = 'hrs_dist_lslr_out_op' then _Variables.p_hrs_dist_lslr_out_op:=pd else
    if s = 'hrs_distr_agencies_pe_op' then _Variables.p_hrs_distr_agencies_pe_op:=pd
else
    if s = 'hrs_distr_edu_op' then _Variables.p_hrs_distr_edu_op:=pd else
    if s = 'hrs_ep_wqp_op' then _Variables.p_hrs_ep_wqp_op:=pd else
    if s = 'hrs_fail_hh_op' then _Variables.p_hrs_fail_hh_op:=pd else
    if s = 'hrs_fail_sys_op' then _Variables.p_hrs_fail_sys_op:=pd else
    if s = 'hrs_fin_op_op' then _Variables.p_hrs_fin_op_op:=pd else
    if s = 'hrs_ha_op' then _Variables.p_hrs_ha_op:=pd else
    if s = 'hrs_hc_js' then _Variables.p_hrs_hc_js:=pd else
    if s = 'hrs_hc_list_op' then _Variables.p_hrs_hc_list_op:=pd else
    if s = 'hrs_hc_op' then _Variables.p_hrs_hc_op:=pd else
    if s = 'hrs_hh_request_op' then _Variables.p_hrs_hh_request_op:=pd else
    if s = 'hrs_inform_samp_op' then _Variables.p_hrs_inform_samp_op:=pd else
    if s = 'hrs_inform_samp_pe_school_op' then
_Variables.p_hrs_inform_samp_pe_school_op:=pd else
    if s = 'hrs_initial_ta_js' then _Variables.p_hrs_initial_ta_js:=pd else
    if s = 'hrs_initial_tap_confer_op' then _Variables.p_hrs_initial_tap_confer_op:=pd
else
    if s = 'hrs_initial_tap_rev_js' then _Variables.p_hrs_initial_tap_rev_js:=pd else
    if s = 'hrs_inv_update_rev_js' then _Variables.p_hrs_inv_update_rev_js:=pd else
    if s = 'hrs_lslr_out_op' then _Variables.p_hrs_lslr_out_op:=pd else
    if s = 'hrs_lslr_plan_js' then _Variables.p_hrs_lslr_plan_js:=pd else
    if s = 'hrs_lslr_plan_op' then _Variables.p_hrs_lslr_plan_op:=pd else
    if s = 'hrs_maint_lsl_op' then _Variables.p_hrs_maint_lsl_op:=pd else
    if s = 'hrs_modify_ds_js' then _Variables.p_hrs_modify_ds_js:=pd else
    if s = 'hrs_nolsl_op' then _Variables.p_hrs_nolsl_op:=pd else
    if s = 'hrs_ntncws_cust_lslr_op' then _Variables.p_hrs_ntncws_cust_lslr_op:=pd
else
    if s = 'hrs_ntncws_distr_edu_op' then _Variables.p_hrs_ntncws_distr_edu_op:=pd
else
    if s = 'hrs_ntncws_distr_pe_pou_op' then

```

```

_Variables.p_hrs_ntncws_distr_pe_pou_op:=pd else
  if s = 'hrs_ntncws_inform_samp_op' then _Variables.p_hrs_ntncws_inform_samp_op:=pd
else
  if s = 'hrs_ntncws_pe_lsl_gen_dist_op' then
_Variables.p_hrs_ntncws_pe_lsl_gen_dist_op:=pd else
  if s = 'hrs_other_request_op' then _Variables.p_hrs_other_request_op:=pd else
  if s = 'hrs_pe_al_devel_op' then _Variables.p_hrs_pe_al_devel_op:=pd else
  if s = 'hrs_pe_certify_quarterly_js' then
_Variables.p_hrs_pe_certify_quarterly_js:=pd else
  if s = 'hrs_pe_certify_quarterly_op' then
_Variables.p_hrs_pe_certify_quarterly_op:=pd else
  if s = 'hrs_pe_lsl_gen_develop_op' then _Variables.p_hrs_pe_lsl_gen_develop_op:=pd
else
  if s = 'hrs_pe_lsl_gen_dist_op' then _Variables.p_hrs_pe_lsl_gen_dist_op:=pd else
  if s = 'hrs_pe_lsl_gen_temp_js' then _Variables.p_hrs_pe_lsl_gen_temp_js:=pd else
  if s = 'hrs_pe_lsl_rev_js' then _Variables.p_hrs_pe_lsl_rev_js:=pd else
  if s = 'hrs_pe_pou_op' then _Variables.p_hrs_pe_pou_op:=pd else
  if s = 'hrs_pickup_samp_op' then _Variables.p_hrs_pickup_samp_op:=pd else
  if s = 'hrs_pou_plan_dev_op' then _Variables.p_hrs_pou_plan_dev_op:=pd else
  if s = 'hrs_pou_plan_rev_js' then _Variables.p_hrs_pou_plan_rev_js:=pd else
  if s = 'hrs_pou_report_ann_prep_op' then
_Variables.p_hrs_pou_report_ann_prep_op:=pd else
  if s = 'hrs_pou_report_ann_rev_js' then _Variables.p_hrs_pou_report_ann_rev_js:=pd
else
  if s = 'hrs_pr_op' then _Variables.p_hrs_pr_op:=pd else
  if s = 'hrs_print_pe_pou_op' then _Variables.p_hrs_print_pe_pou_op:=pd else
  if s = 'hrs_pub_access_op' then _Variables.p_hrs_pub_access_op:=pd else
  if s = 'hrs_pub_deliv_wtr_op' then _Variables.p_hrs_pub_deliv_wtr_op:=pd else
  if s = 'hrs_pub_devel_hc_op' then _Variables.p_hrs_pub_devel_hc_op:=pd else
  if s = 'hrs_pub_devel_wtr_op' then _Variables.p_hrs_pub_devel_wtr_op:=pd else
  if s = 'hrs_pub_rev_hc_js' then _Variables.p_hrs_pub_rev_hc_js:=pd else
  if s = 'hrs_pub_temp_hc_js' then _Variables.p_hrs_pub_temp_hc_js:=pd else
  if s = 'hrs_renew_nine_js' then _Variables.p_hrs_renew_nine_js:=pd else
  if s = 'hrs_renew_nine_op' then _Variables.p_hrs_renew_nine_op:=pd else
  if s = 'hrs_replaced_lsl_contact_op' then
_Variables.p_hrs_replaced_lsl_contact_op:=pd else
  if s = 'hrs_report_dssa_js' then _Variables.p_hrs_report_dssa_js:=pd else
  if s = 'hrs_report_dssa_op' then _Variables.p_hrs_report_dssa_op:=pd else
  if s = 'hrs_report_inv_op' then _Variables.p_hrs_report_inv_op:=pd else
  if s = 'hrs_report_lcr_js' then _Variables.p_hrs_report_lcr_js:=pd else
  if s = 'hrs_report_lcr_op' then _Variables.p_hrs_report_lcr_op:=pd else
  if s = 'hrs_report_source_op' then _Variables.p_hrs_report_source_op:=pd else
  if s = 'hrs_report_updated_initial_inv_op' then
_Variables.p_hrs_report_updated_initial_inv_op:=pd else
  if s = 'hrs_report_wqp_op' then _Variables.p_hrs_report_wqp_op:=pd else
  if s = 'hrs_reset_owqp_js' then _Variables.p_hrs_reset_owqp_js:=pd else
  if s = 'hrs_result_discuss_op' then _Variables.p_hrs_result_discuss_op:=pd else
  if s = 'hrs_rev_cct_op' then _Variables.p_hrs_rev_cct_op:=pd else
  if s = 'hrs_rev_nolsl_js' then _Variables.p_hrs_rev_nolsl_js:=pd else
  if s = 'hrs_rev_samp_js' then _Variables.p_hrs_rev_samp_js:=pd else

```

```

    if s = 'hrs_rev_samp_plan_js' then _Variables.p_hrs_rev_samp_plan_js:=pd else
    if s = 'hrs_rev_school_info_js' then _Variables.p_hrs_rev_school_info_js:=pd else
    if s = 'hrs_rev_school_list_js' then _Variables.p_hrs_rev_school_list_js:=pd else
    if s = 'hrs_review_cct_study_lead_js' then
_Variables.p_hrs_review_cct_study_lead_js:=pd else
    if s = 'hrs_review_pe_pou_js' then _Variables.p_hrs_review_pe_pou_js:=pd else
    if s = 'hrs_review_targeted_pe_js' then _Variables.p_hrs_review_targeted_pe_js:=pd
else
    if s = 'hrs_review_wtr_pe_js' then _Variables.p_hrs_review_wtr_pe_js:=pd else
    if s = 'hrs_samp_above_al_op' then _Variables.p_hrs_samp_above_al_op:=pd else
    if s = 'hrs_samp_invalid_js' then _Variables.p_hrs_samp_invalid_js:=pd else
    if s = 'hrs_samp_invalid_op' then _Variables.p_hrs_samp_invalid_op:=pd else
    if s = 'hrs_samp_notice_js' then _Variables.p_hrs_samp_notice_js:=pd else
    if s = 'hrs_samp_notice_op' then _Variables.p_hrs_samp_notice_op:=pd else
    if s = 'hrs_samp_reject_op' then _Variables.p_hrs_samp_reject_op:=pd else
    if s = 'hrs_samp_volunt_op' then _Variables.p_hrs_samp_volunt_op:=pd else
    if s = 'hrs_samp_volunt_pou_op' then _Variables.p_hrs_samp_volunt_pou_op:=pd else
    if s = 'hrs_sanit_surv_js' then _Variables.p_hrs_sanit_surv_js:=pd else
    if s = 'hrs_sanit_surv_op' then _Variables.p_hrs_sanit_surv_op:=pd else
    if s = 'hrs_school_annual_contact_op' then
_Variables.p_hrs_school_annual_contact_op:=pd else
    if s = 'hrs_school_call_op' then _Variables.p_hrs_school_call_op:=pd else
    if s = 'hrs_school_coor_sample_op' then _Variables.p_hrs_school_coor_sample_op:=pd
else
    if s = 'hrs_school_help_op' then _Variables.p_hrs_school_help_op:=pd else
    if s = 'hrs_school_identify_op' then _Variables.p_hrs_school_identify_op:=pd else
    if s = 'hrs_school_letter_op' then _Variables.p_hrs_school_letter_op:=pd else
    if s = 'hrs_sdwis_js' then _Variables.p_hrs_sdwis_js:=pd else
    if s = 'hrs_set_owqp_js' then _Variables.p_hrs_set_owqp_js:=pd else
    if s = 'hrs_sm_flex_option_js' then _Variables.p_hrs_sm_flex_option_js:=pd else
    if s = 'hrs_sm_flex_option_op' then _Variables.p_hrs_sm_flex_option_op:=pd else
    if s = 'hrs_source_js' then _Variables.p_hrs_source_js:=pd else
    if s = 'hrs_source_op' then _Variables.p_hrs_source_op:=pd else
    if s = 'hrs_ta_js' then _Variables.p_hrs_ta_js:=pd else
    if s = 'hrs_temp_ccr_js' then _Variables.p_hrs_temp_ccr_js:=pd else
    if s = 'hrs_temp_lslr_out_js' then _Variables.p_hrs_temp_lslr_out_js:=pd else
    if s = 'hrs_temp_pou_js' then _Variables.p_hrs_temp_pou_js:=pd else
    if s = 'hrs_temp_school_js' then _Variables.p_hrs_temp_school_js:=pd else
    if s = 'hrs_train_ann_js' then _Variables.p_hrs_train_ann_js:=pd else
    if s = 'hrs_train_imp_js' then _Variables.p_hrs_train_imp_js:=pd else
    if s = 'hrs_travel_samp_school_op' then _Variables.p_hrs_travel_samp_school_op:=pd
else
    if s = 'hrs_update_ccr_op' then _Variables.p_hrs_update_ccr_op:=pd else
    if s = 'hrs_updated_initial_inv_rev_js' then
_Variables.p_hrs_updated_initial_inv_rev_js:=pd else
    if s = 'hrs_walkthrough_school_op' then _Variables.p_hrs_walkthrough_school_op:=pd
else
    if s = 'hrs_web_op' then _Variables.p_hrs_web_op:=pd else
    if s = 'hrs_wqp_analyze_dist_op' then _Variables.p_hrs_wqp_analyze_dist_op:=pd
else

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    if s = 'hrs_wqp_analyze_ep_op' then _Variables.p_hrs_wqp_analyze_ep_op:=pd else
    if s = 'hrs_wqp_analyze_ortho_ep_op' then
_Variables.p_hrs_wqp_analyze_ortho_ep_op:=pd else
    if s = 'hrs_wqp_analyze_ortho_op' then _Variables.p_hrs_wqp_analyze_ortho_op:=pd
else
    if s = 'hrs_wqp_analyze_ph_ep_op' then _Variables.p_hrs_wqp_analyze_ph_ep_op:=pd
else
    if s = 'hrs_wqp_analyze_ph_op' then _Variables.p_hrs_wqp_analyze_ph_op:=pd else
    if s = 'hrs_wqp_dssa_op' then _Variables.p_hrs_wqp_dssa_op:=pd else
    if s = 'hrs_wqp_js' then _Variables.p_hrs_wqp_js:=pd else
    if s = 'hrs_wqp_op' then _Variables.p_hrs_wqp_op:=pd else
    if s = 'meet_lslr_goal' then _Variables.p_meet_lslr_goal:=pd else
    if s = 'num_lsl_replace' then _Variables.p_num_lsl_replace:=pd else
    if s = 'num_lsl_requested' then _Variables.p_num_lsl_requested:=pd else
    if s = 'num_lslr_gal_prev_lsl_replace' then
_Variables.p_num_lslr_gal_prev_lsl_replace:=pd else
    if s = 'num_lslr_lsl_replace' then _Variables.p_num_lslr_lsl_replace:=pd else
    if s = 'num_lslr_partial_replace' then _Variables.p_num_lslr_partial_replace:=pd
else
    if s = 'num_lslr_replace' then _Variables.p_num_lslr_replace:=pd else
    if s = 'num_unknown_resolved' then _Variables.p_num_unknown_resolved:=pd else
    if s = 'numb_daycares' then _Variables.p_numb_daycares:=pd else
    if s = 'numb_elem_schools_priv' then _Variables.p_numb_elem_schools_priv:=pd else
    if s = 'numb_elem_schools_pub' then _Variables.p_numb_elem_schools_pub:=pd else
    if s = 'numb_enhance_wqp' then _Variables.p_numb_enhance_wqp:=pd else
    if s = 'numb_ep' then _Variables.p_numb_ep:=pd else
    if s = 'numb_ep_wqp' then _Variables.p_numb_ep_wqp:=pd else
    if s = 'numb_ha' then _Variables.p_numb_ha:=pd else
    if s = 'numb_hh' then _Variables.p_numb_hh:=pd else
    if s = 'numb_lcr_other_org' then _Variables.p_numb_lcr_other_org:=pd else
    if s = 'numb_other_request' then _Variables.p_numb_other_request:=pd else
    if s = 'numb_pou' then _Variables.p_numb_pou:=pd else
    if s = 'numb_reduced_tap' then _Variables.p_numb_reduced_tap:=pd else
    if s = 'numb_reduced_wqp' then _Variables.p_numb_reduced_wqp:=pd else
    if s = 'numb_samp_customer' then _Variables.p_numb_samp_customer:=pd else
    if s = 'numb_samp_five' then _Variables.p_numb_samp_five:=pd else
    if s = 'numb_samp_lslr' then _Variables.p_numb_samp_lslr:=pd else
    if s = 'numb_samp_two' then _Variables.p_numb_samp_two:=pd else
    if s = 'numb_second_schools_priv' then _Variables.p_numb_second_schools_priv:=pd
else
    if s = 'numb_second_schools_pub' then _Variables.p_numb_second_schools_pub:=pd
else
    if s = 'numb_st_sample' then _Variables.p_numb_st_sample:=pd else
    if s = 'numb_wqp_sites_added' then _Variables.p_numb_wqp_sites_added:=pd else
    if s = 'numb_wqp_sites_added_prev' then _Variables.p_numb_wqp_sites_added_prev:=pd
else
    if s = 'p_copper_ale' then _Variables.p_p_copper_ale:=pd else
    if s = 'p_incentive' then _Variables.p_p_incentive:=pd else
    if s = 'p_inventory' then _Variables.p_p_inventory:=pd else
    if s = 'p_source_chng' then _Variables.p_p_source_chng:=pd else

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```

if s = 'p_source_sig' then _Variables.p_p_source_sig:=pd else
if s = 'p_spec_req' then _Variables.p_p_spec_req:=pd else
if s = 'p_tap_annual' then _Variables.p_p_tap_annual:=pd else
if s = 'p_tap_nine' then _Variables.p_p_tap_nine:=pd else
if s = 'p_tap_triennial' then _Variables.p_p_tap_triennial:=pd else
if s = 'p_treat_change' then _Variables.p_p_treat_change:=pd else
if s = 'p_wqp_all' then _Variables.p_p_wqp_all:=pd else
if s = 'p_wqp_annual' then _Variables.p_p_wqp_annual:=pd else
if s = 'p_wqp_cond' then _Variables.p_p_wqp_cond:=pd else
if s = 'p_wqp_six_red' then _Variables.p_p_wqp_six_red:=pd else
if s = 'p_wqp_triennial' then _Variables.p_p_wqp_triennial:=pd else
if s = 'pbaseph' then _Variables.p_pbaseph:=pd else
if s = 'pbasephpo4' then _Variables.p_pbasephpo4:=pd else
if s = 'pbasepo4' then _Variables.p_pbasepo4:=pd else
if s = 'perc_hh_water_wrk' then _Variables.p_perc_hh_water_wrk:=pd else
if s = 'pp_above_al_bin_one' then _Variables.p_pp_above_al_bin_one:=pd else
if s = 'pp_above_al_bin_three' then _Variables.p_pp_above_al_bin_three:=pd else
if s = 'pp_above_al_bin_two' then _Variables.p_pp_above_al_bin_two:=pd else
if s = 'pp_childcare_mand_waiver' then _Variables.p_pp_childcare_mand_waiver:=pd
else
  if s = 'pp_childcare_onreq_waiver' then _Variables.p_pp_childcare_onreq_waiver:=pd
else
  if s = 'pp_commercial_samp' then _Variables.p_pp_commercial_samp:=pd else
  if s = 'pp_commercial_samp_school' then _Variables.p_pp_commercial_samp_school:=pd
else
  if s = 'pp_hh_request_lslr' then _Variables.p_pp_hh_request_lslr:=pd else
  if s = 'pp_hh_return_samp' then _Variables.p_pp_hh_return_samp:=pd else
  if s = 'pp_lab_samp' then _Variables.p_pp_lab_samp:=pd else
  if s = 'pp_lab_samp_school' then _Variables.p_pp_lab_samp_school:=pd else
  if s = 'pp_lslr_cap_emerg' then _Variables.p_pp_lslr_cap_emerg:=pd else
  if s = 'pp_mand_twenty_partic' then _Variables.p_pp_mand_twenty_partic:=pd else
  if s = 'pp_priv_elem_mand_waiver' then _Variables.p_pp_priv_elem_mand_waiver:=pd
else
  if s = 'pp_priv_elem_onreq_waiver' then _Variables.p_pp_priv_elem_onreq_waiver:=pd
else
  if s = 'pp_priv_second_onreq1_waiver' then
_Variables.p_pp_priv_second_onreq1_waiver:=pd else
  if s = 'pp_priv_second_onreq2_waiver' then
_Variables.p_pp_priv_second_onreq2_waiver:=pd else
  if s = 'pp_pub_elem_mand_waiver' then _Variables.p_pp_pub_elem_mand_waiver:=pd
else
  if s = 'pp_pub_elem_onreq_waiver' then _Variables.p_pp_pub_elem_onreq_waiver:=pd
else
  if s = 'pp_pub_second_onreq1_waiver' then
_Variables.p_pp_pub_second_onreq1_waiver:=pd else
  if s = 'pp_pub_second_onreq2_waiver' then
_Variables.p_pp_pub_second_onreq2_waiver:=pd else
  if s = 'pp_samp_invalid' then _Variables.p_pp_samp_invalid:=pd else
  if s = 'pp_samp_reject' then _Variables.p_pp_samp_reject:=pd else
  if s = 'pp_voluntary_partic' then _Variables.p_pp_voluntary_partic:=pd else

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if s = 'pws_cct' then _Variables.p_pws_cct:=pd else
if s = 'pws_lsl' then _Variables.p_pws_lsl:=pd else
if s = 'pws_pop' then _Variables.p_pws_pop:=pd else
if s = 'rate_js' then _Variables.p_rate_js:=pd else
if s = 'rate_op' then _Variables.p_rate_op:=pd else
if s = 'school_3a' then _Variables.p_school_3a:=pd else
if s = 'system_pou' then _Variables.p_system_pou:=pd ;

end;

function TLSRCompiledCostBaselineLCRR._DumpVars: string;
var s : string;
begin
  s:='';
  s := s + 'annual_pou_cost_hh: ' + _Variables.annual_pou_cost_hh.ToString + #13#10;
  s := s + 'b_cct_study_install: ' + _Variables.b_cct_study_install.ToString +
#13#10;
  s := s + 'b_cct_study_mod_al: ' + _Variables.b_cct_study_mod_al.ToString + #13#10;
  s := s + 'b_cct_study_mod_tl: ' + _Variables.b_cct_study_mod_tl.ToString + #13#10;
  s := s + 'b_dssa: ' + _Variables.b_dssa.ToString + #13#10;
  s := s + 'b_install_cct: ' + _Variables.b_install_cct.ToString + #13#10;
  s := s + 'b_install_pou: ' + _Variables.b_install_pou.ToString + #13#10;
  s := s + 'b_lslr_mand: ' + _Variables.b_lslr_mand.ToString + #13#10;
  s := s + 'b_lslr_requested: ' + _Variables.b_lslr_requested.ToString + #13#10;
  s := s + 'b_lslr_study: ' + _Variables.b_lslr_study.ToString + #13#10;
  s := s + 'b_lslr_vol: ' + _Variables.b_lslr_vol.ToString + #13#10;
  s := s + 'b_modify_cct: ' + _Variables.b_modify_cct.ToString + #13#10;
  s := s + 'b_modify_cct_al: ' + _Variables.b_modify_cct_al.ToString + #13#10;
  s := s + 'b_modify_cct_tl: ' + _Variables.b_modify_cct_tl.ToString + #13#10;
  s := s + 'b_pou_study: ' + _Variables.b_pou_study.ToString + #13#10;
  s := s + 'b_state_cct_treatment_mod_al: ' +
_VVariables.b_state_cct_treatment_mod_al.ToString + #13#10;
  s := s + 'b_state_cct_treatment_mod_tl: ' +
_VVariables.b_state_cct_treatment_mod_tl.ToString + #13#10;
  s := s + 'b_state_one: ' + _Variables.b_state_one.ToString + #13#10;
  s := s + 'b_state_two: ' + _Variables.b_state_two.ToString + #13#10;
  s := s + 'cct_dssa_cost: ' + _Variables.cct_dssa_cost.ToString + #13#10;
  s := s + 'cct_dssa_cost_p: ' + _Variables.cct_dssa_cost_p.ToString + #13#10;
  s := s + 'cct_dssa_cost_umra: ' + _Variables.cct_dssa_cost_umra.ToString + #13#10;
  s := s + 'cct_dssa_cost_umra_om: ' + _Variables.cct_dssa_cost_umra_om.ToString +
#13#10;
  s := s + 'cct_existing_cost: ' + _Variables.cct_existing_cost.ToString + #13#10;
  s := s + 'cct_install_cost: ' + _Variables.cct_install_cost.ToString + #13#10;
  s := s + 'cct_install_cost_p: ' + _Variables.cct_install_cost_p.ToString + #13#10;
  s := s + 'cct_install_cost_umra: ' + _Variables.cct_install_cost_umra.ToString +
#13#10;
  s := s + 'cct_install_cost_umra_om: ' +
_VVariables.cct_install_cost_umra_om.ToString + #13#10;
  s := s + 'cct_modify_cost: ' + _Variables.cct_modify_cost.ToString + #13#10;
  s := s + 'cct_modify_cost_p: ' + _Variables.cct_modify_cost_p.ToString + #13#10;

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s := s + 'cct_modify_cost_umra: ' + _Variables.cct_modify_cost_umra.ToString +
#13#10;
s := s + 'cct_modify_cost_umra_om: ' + _Variables.cct_modify_cost_umra_om.ToString
+ #13#10;
s := s + 'cost_5_commercial_lab: ' + _Variables.cost_5_commercial_lab.ToString +
#13#10;
s := s + 'cost_5_lt_samp: ' + _Variables.cost_5_lt_samp.ToString + #13#10;
s := s + 'cost_ale_other: ' + _Variables.cost_ale_other.ToString + #13#10;
s := s + 'cost_annual_report_school_dist: ' +
_Variables.cost_annual_report_school_dist.ToString + #13#10;
s := s + 'cost_cct_study_dem: ' + _Variables.cost_cct_study_dem.ToString + #13#10;
s := s + 'cost_collect_samp_school: ' +
_Variables.cost_collect_samp_school.ToString + #13#10;
s := s + 'cost_commercial_lab: ' + _Variables.cost_commercial_lab.ToString +
#13#10;
s := s + 'cost_commercial_lsl_lslr: ' +
_Variables.cost_commercial_lsl_lslr.ToString + #13#10;
s := s + 'cost_cust_lslr: ' + _Variables.cost_cust_lslr.ToString + #13#10;
s := s + 'cost_cust_lt: ' + _Variables.cost_cust_lt.ToString + #13#10;
s := s + 'cost_ep_wqp_material: ' + _Variables.cost_ep_wqp_material.ToString +
#13#10;
s := s + 'cost_ep_wqp_ortho_material: ' +
_Variables.cost_ep_wqp_ortho_material.ToString + #13#10;
s := s + 'cost_ep_wqp_ph_material: ' + _Variables.cost_ep_wqp_ph_material.ToString
+ #13#10;
s := s + 'cost_fail_hh: ' + _Variables.cost_fail_hh.ToString + #13#10;
s := s + 'cost_fail_sys: ' + _Variables.cost_fail_sys.ToString + #13#10;
s := s + 'cost_filter_hh: ' + _Variables.cost_filter_hh.ToString + #13#10;
s := s + 'cost_hc: ' + _Variables.cost_hc.ToString + #13#10;
s := s + 'cost_hh_request: ' + _Variables.cost_hh_request.ToString + #13#10;
s := s + 'cost_incentive: ' + _Variables.cost_incentive.ToString + #13#10;
s := s + 'cost_inform_samp_pe_school: ' +
_Variables.cost_inform_samp_pe_school.ToString + #13#10;
s := s + 'cost_lab_lsl_lslr: ' + _Variables.cost_lab_lsl_lslr.ToString + #13#10;
s := s + 'cost_lab_lt_samp: ' + _Variables.cost_lab_lt_samp.ToString + #13#10;
s := s + 'cost_lab_ortho_wqp: ' + _Variables.cost_lab_ortho_wqp.ToString + #13#10;
s := s + 'cost_lab_ph_wqp: ' + _Variables.cost_lab_ph_wqp.ToString + #13#10;
s := s + 'cost_lab_wqp: ' + _Variables.cost_lab_wqp.ToString + #13#10;
s := s + 'cost_lab_wqp_ep: ' + _Variables.cost_lab_wqp_ep.ToString + #13#10;
s := s + 'cost_lab_wqp_ortho_ep: ' + _Variables.cost_lab_wqp_ortho_ep.ToString +
#13#10;
s := s + 'cost_lab_wqp_ph_ep: ' + _Variables.cost_lab_wqp_ph_ep.ToString + #13#10;
s := s + 'cost_lslr_gal_prev_lsl_ccemg_pws: ' +
_Variables.cost_lslr_gal_prev_lsl_ccemg_pws.ToString + #13#10;
s := s + 'cost_lslr_gal_prev_lsl_reg_pws: ' +
_Variables.cost_lslr_gal_prev_lsl_reg_pws.ToString + #13#10;
s := s + 'cost_lslr_lsl_ccemg_mand_pws: ' +
_Variables.cost_lslr_lsl_ccemg_mand_pws.ToString + #13#10;
s := s + 'cost_lslr_lsl_ccemg_vol_hh: ' +
_Variables.cost_lslr_lsl_ccemg_vol_hh.ToString + #13#10;

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s := s + 'cost_lslr_lsl_ccemg_vol_pws: ' +
_Variables.cost_lslr_lsl_ccemg_vol_pws.ToString + #13#10;
s := s + 'cost_lslr_lsl_reg_mand_pws: ' +
_Variables.cost_lslr_lsl_reg_mand_pws.ToString + #13#10;
s := s + 'cost_lslr_lsl_reg_vol_hh: ' +
_Variables.cost_lslr_lsl_reg_vol_hh.ToString + #13#10;
s := s + 'cost_lslr_lsl_reg_vol_pws: ' +
_Variables.cost_lslr_lsl_reg_vol_pws.ToString + #13#10;
s := s + 'cost_lslr_out: ' + _Variables.cost_lslr_out.ToString + #13#10;
s := s + 'cost_lslr_partial_reg_pws: ' +
_Variables.cost_lslr_partial_reg_pws.ToString + #13#10;
s := s + 'cost_ntncws_cust_lslr: ' + _Variables.cost_ntncws_cust_lslr.ToString +
#13#10;
s := s + 'cost_ntncws_cust_lt: ' + _Variables.cost_ntncws_cust_lt.ToString +
#13#10;
s := s + 'cost_ntncws_distr_pe_pou: ' +
_Variables.cost_ntncws_distr_pe_pou.ToString + #13#10;
s := s + 'cost_ntncws_pe_lcr_delivery: ' +
_Variables.cost_ntncws_pe_lcr_delivery.ToString + #13#10;
s := s + 'cost_ntncws_pe_lsl_gen: ' + _Variables.cost_ntncws_pe_lsl_gen.ToString +
#13#10;
s := s + 'cost_other_lt_samp: ' + _Variables.cost_other_lt_samp.ToString + #13#10;
s := s + 'cost_other_request: ' + _Variables.cost_other_request.ToString + #13#10;
s := s + 'cost_pe_lcr_delivery: ' + _Variables.cost_pe_lcr_delivery.ToString +
#13#10;
s := s + 'cost_pe_lead_ale: ' + _Variables.cost_pe_lead_ale.ToString + #13#10;
s := s + 'cost_pe_lsl_gen: ' + _Variables.cost_pe_lsl_gen.ToString + #13#10;
s := s + 'cost_pickup_samp: ' + _Variables.cost_pickup_samp.ToString + #13#10;
s := s + 'cost_pou_samp: ' + _Variables.cost_pou_samp.ToString + #13#10;
s := s + 'cost_pr: ' + _Variables.cost_pr.ToString + #13#10;
s := s + 'cost_print_pe_pou: ' + _Variables.cost_print_pe_pou.ToString + #13#10;
s := s + 'cost_pub_deliv_wtr_ed: ' + _Variables.cost_pub_deliv_wtr_ed.ToString +
#13#10;
s := s + 'cost_replaced_lsl_contact: ' +
_Variables.cost_replaced_lsl_contact.ToString + #13#10;
s := s + 'cost_revise_cct: ' + _Variables.cost_revise_cct.ToString + #13#10;
s := s + 'cost_samp_above_al: ' + _Variables.cost_samp_above_al.ToString + #13#10;
s := s + 'cost_school_annual_contact: ' +
_Variables.cost_school_annual_contact.ToString + #13#10;
s := s + 'cost_school_letter: ' + _Variables.cost_school_letter.ToString + #13#10;
s := s + 'cost_source: ' + _Variables.cost_source.ToString + #13#10;
s := s + 'cost_source_analyze: ' + _Variables.cost_source_analyze.ToString +
#13#10;
s := s + 'cost_source_material: ' + _Variables.cost_source_material.ToString +
#13#10;
s := s + 'cost_travel_samp_school: ' + _Variables.cost_travel_samp_school.ToString
+ #13#10;
s := s + 'cost_update: ' + _Variables.cost_update.ToString + #13#10;
s := s + 'cost_walkthrough_school: ' + _Variables.cost_walkthrough_school.ToString
+ #13#10;

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s := s + 'cost_wqp_analyze: ' + _Variables.cost_wqp_analyze.ToString + #13#10;
s := s + 'cost_wqp_analyze_ep: ' + _Variables.cost_wqp_analyze_ep.ToString +
#13#10;
s := s + 'cost_wqp_analyze_ortho_ep: ' +
_Variables.cost_wqp_analyze_ortho_ep.ToString + #13#10;
s := s + 'cost_wqp_analyze_ph_ep: ' + _Variables.cost_wqp_analyze_ph_ep.ToString +
#13#10;
s := s + 'cost_wqp_material: ' + _Variables.cost_wqp_material.ToString + #13#10;
s := s + 'cost_wqp_material_ortho: ' + _Variables.cost_wqp_material_ortho.ToString
+ #13#10;
s := s + 'cost_wqp_material_ph: ' + _Variables.cost_wqp_material_ph.ToString +
#13#10;
s := s + 'cost_wqp_ortho_analyze: ' + _Variables.cost_wqp_ortho_analyze.ToString +
#13#10;
s := s + 'cost_wqp_ph_analyze: ' + _Variables.cost_wqp_ph_analyze.ToString +
#13#10;
s := s + 'fail_nm1: ' + _Variables.fail_nm1.ToString + #13#10;
s := s + 'fail_nm2: ' + _Variables.fail_nm2.ToString + #13#10;
s := s + 'hh_remain_lsl: ' + _Variables.hh_remain_lsl.ToString + #13#10;
s := s + 'hh_unknown_remain: ' + _Variables.hh_unknown_remain.ToString + #13#10;
s := s + 'hrs_access_lsl_op: ' + _Variables.hrs_access_lsl_op.ToString + #13#10;
s := s + 'hrs_add_lsl_samp_op: ' + _Variables.hrs_add_lsl_samp_op.ToString +
#13#10;
s := s + 'hrs_adopt_rule_js: ' + _Variables.hrs_adopt_rule_js.ToString + #13#10;
s := s + 'hrs_ale_consult_js: ' + _Variables.hrs_ale_consult_js.ToString + #13#10;
s := s + 'hrs_ale_consult_op: ' + _Variables.hrs_ale_consult_op.ToString + #13#10;
s := s + 'hrs_ale_lang_js: ' + _Variables.hrs_ale_lang_js.ToString + #13#10;
s := s + 'hrs_ale_other_op: ' + _Variables.hrs_ale_other_op.ToString + #13#10;
s := s + 'hrs_analyze_lsl_lslr_op: ' + _Variables.hrs_analyze_lsl_lslr_op.ToString
+ #13#10;
s := s + 'hrs_analyze_samp_op: ' + _Variables.hrs_analyze_samp_op.ToString +
#13#10;
s := s + 'hrs_annual_lt_js: ' + _Variables.hrs_annual_lt_js.ToString + #13#10;
s := s + 'hrs_annual_lt_op: ' + _Variables.hrs_annual_lt_op.ToString + #13#10;
s := s + 'hrs_annual_report_school_js: ' +
_Variables.hrs_annual_report_school_js.ToString + #13#10;
s := s + 'hrs_annual_report_school_prepare_op: ' +
_Variables.hrs_annual_report_school_prepare_op.ToString + #13#10;
s := s + 'hrs_cct_review_js: ' + _Variables.hrs_cct_review_js.ToString + #13#10;
s := s + 'hrs_cert_cust_lt_js: ' + _Variables.hrs_cert_cust_lt_js.ToString +
#13#10;
s := s + 'hrs_cert_cust_lt_op: ' + _Variables.hrs_cert_cust_lt_op.ToString +
#13#10;
s := s + 'hrs_cert_outreach_annual_js: ' +
_Variables.hrs_cert_outreach_annual_js.ToString + #13#10;
s := s + 'hrs_cert_outreach_annual_op: ' +
_Variables.hrs_cert_outreach_annual_op.ToString + #13#10;
s := s + 'hrs_childcare_call_op: ' + _Variables.hrs_childcare_call_op.ToString +
#13#10;
s := s + 'hrs_chng_tap_js: ' + _Variables.hrs_chng_tap_js.ToString + #13#10;

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s := s + 'hrs_chng_tap_op: ' + _Variables.hrs_chng_tap_op.ToString + #13#10;
s := s + 'hrs_collect_lsl_lslr_op: ' + _Variables.hrs_collect_lsl_lslr_op.ToString
+ #13#10;
s := s + 'hrs_collect_samp_school_op: ' +
_Variables.hrs_collect_samp_school_op.ToString + #13#10;
s := s + 'hrs_consult_dssa_js: ' + _Variables.hrs_consult_dssa_js.ToString +
#13#10;
s := s + 'hrs_consult_dssa_op: ' + _Variables.hrs_consult_dssa_op.ToString +
#13#10;
s := s + 'hrs_consult_fail_js: ' + _Variables.hrs_consult_fail_js.ToString +
#13#10;
s := s + 'hrs_consult_fail_op: ' + _Variables.hrs_consult_fail_op.ToString +
#13#10;
s := s + 'hrs_coop_source_chng_red_js: ' +
_Variables.hrs_coop_source_chng_red_js.ToString + #13#10;
s := s + 'hrs_coop_source_chng_red_op: ' +
_Variables.hrs_coop_source_chng_red_op.ToString + #13#10;
s := s + 'hrs_coop_source_chng_rout_js: ' +
_Variables.hrs_coop_source_chng_rout_js.ToString + #13#10;
s := s + 'hrs_coop_source_chng_rout_op: ' +
_Variables.hrs_coop_source_chng_rout_op.ToString + #13#10;
s := s + 'hrs_coop_treat_chng_red_js: ' +
_Variables.hrs_coop_treat_chng_red_js.ToString + #13#10;
s := s + 'hrs_coop_treat_chng_red_op: ' +
_Variables.hrs_coop_treat_chng_red_op.ToString + #13#10;
s := s + 'hrs_coop_treat_chng_rout_js: ' +
_Variables.hrs_coop_treat_chng_rout_js.ToString + #13#10;
s := s + 'hrs_coop_treat_chng_rout_op: ' +
_Variables.hrs_coop_treat_chng_rout_op.ToString + #13#10;
s := s + 'hrs_coord_epa_js: ' + _Variables.hrs_coord_epa_js.ToString + #13#10;
s := s + 'hrs_cust_plan_op: ' + _Variables.hrs_cust_plan_op.ToString + #13#10;
s := s + 'hrs_deter_dssa_op: ' + _Variables.hrs_deter_dssa_op.ToString + #13#10;
s := s + 'hrs_devel_pe_school_op: ' + _Variables.hrs_devel_pe_school_op.ToString +
#13#10;
s := s + 'hrs_devel_samp_op: ' + _Variables.hrs_devel_samp_op.ToString + #13#10;
s := s + 'hrs_discuss_samp_op: ' + _Variables.hrs_discuss_samp_op.ToString +
#13#10;
s := s + 'hrs_dist_lslr_out_op: ' + _Variables.hrs_dist_lslr_out_op.ToString +
#13#10;
s := s + 'hrs_distr_agencies_pe_op: ' +
_Variables.hrs_distr_agencies_pe_op.ToString + #13#10;
s := s + 'hrs_distr_edu_op: ' + _Variables.hrs_distr_edu_op.ToString + #13#10;
s := s + 'hrs_ep_wqp_op: ' + _Variables.hrs_ep_wqp_op.ToString + #13#10;
s := s + 'hrs_fail_hh_op: ' + _Variables.hrs_fail_hh_op.ToString + #13#10;
s := s + 'hrs_fail_sys_op: ' + _Variables.hrs_fail_sys_op.ToString + #13#10;
s := s + 'hrs_fin_op_op: ' + _Variables.hrs_fin_op_op.ToString + #13#10;
s := s + 'hrs_ha_op: ' + _Variables.hrs_ha_op.ToString + #13#10;
s := s + 'hrs_hc_js: ' + _Variables.hrs_hc_js.ToString + #13#10;
s := s + 'hrs_hc_list_op: ' + _Variables.hrs_hc_list_op.ToString + #13#10;
s := s + 'hrs_hc_op: ' + _Variables.hrs_hc_op.ToString + #13#10;

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s := s + 'hrs_hh_request_op: ' + _Variables.hrs_hh_request_op.ToString + #13#10;
s := s + 'hrs_inform_samp_op: ' + _Variables.hrs_inform_samp_op.ToString + #13#10;
s := s + 'hrs_inform_samp_pe_school_op: ' +
_Variables.hrs_inform_samp_pe_school_op.ToString + #13#10;
s := s + 'hrs_initial_ta_js: ' + _Variables.hrs_initial_ta_js.ToString + #13#10;
s := s + 'hrs_initial_tap_confer_op: ' +
_Variables.hrs_initial_tap_confer_op.ToString + #13#10;
s := s + 'hrs_initial_tap_rev_js: ' + _Variables.hrs_initial_tap_rev_js.ToString +
#13#10;
s := s + 'hrs_inv_update_rev_js: ' + _Variables.hrs_inv_update_rev_js.ToString +
#13#10;
s := s + 'hrs_lslr_out_op: ' + _Variables.hrs_lslr_out_op.ToString + #13#10;
s := s + 'hrs_lslr_plan_js: ' + _Variables.hrs_lslr_plan_js.ToString + #13#10;
s := s + 'hrs_lslr_plan_op: ' + _Variables.hrs_lslr_plan_op.ToString + #13#10;
s := s + 'hrs_maint_lsl_op: ' + _Variables.hrs_maint_lsl_op.ToString + #13#10;
s := s + 'hrs_modify_ds_js: ' + _Variables.hrs_modify_ds_js.ToString + #13#10;
s := s + 'hrs_nolsl_op: ' + _Variables.hrs_nolsl_op.ToString + #13#10;
s := s + 'hrs_ntncws_cust_lslr_op: ' + _Variables.hrs_ntncws_cust_lslr_op.ToString
+ #13#10;
s := s + 'hrs_ntncws_distr_edu_op: ' + _Variables.hrs_ntncws_distr_edu_op.ToString
+ #13#10;
s := s + 'hrs_ntncws_distr_pe_pou_op: ' +
_Variables.hrs_ntncws_distr_pe_pou_op.ToString + #13#10;
s := s + 'hrs_ntncws_inform_samp_op: ' +
_Variables.hrs_ntncws_inform_samp_op.ToString + #13#10;
s := s + 'hrs_ntncws_pe_lsl_gen_dist_op: ' +
_Variables.hrs_ntncws_pe_lsl_gen_dist_op.ToString + #13#10;
s := s + 'hrs_other_request_op: ' + _Variables.hrs_other_request_op.ToString +
#13#10;
s := s + 'hrs_pe_al_devel_op: ' + _Variables.hrs_pe_al_devel_op.ToString + #13#10;
s := s + 'hrs_pe_certify_quarterly_js: ' +
_Variables.hrs_pe_certify_quarterly_js.ToString + #13#10;
s := s + 'hrs_pe_certify_quarterly_op: ' +
_Variables.hrs_pe_certify_quarterly_op.ToString + #13#10;
s := s + 'hrs_pe_lsl_gen_develop_op: ' +
_Variables.hrs_pe_lsl_gen_develop_op.ToString + #13#10;
s := s + 'hrs_pe_lsl_gen_dist_op: ' + _Variables.hrs_pe_lsl_gen_dist_op.ToString +
#13#10;
s := s + 'hrs_pe_lsl_gen_temp_js: ' + _Variables.hrs_pe_lsl_gen_temp_js.ToString +
#13#10;
s := s + 'hrs_pe_lsl_rev_js: ' + _Variables.hrs_pe_lsl_rev_js.ToString + #13#10;
s := s + 'hrs_pe_pou_op: ' + _Variables.hrs_pe_pou_op.ToString + #13#10;
s := s + 'hrs_pickup_samp_op: ' + _Variables.hrs_pickup_samp_op.ToString + #13#10;
s := s + 'hrs_pou_plan_dev_op: ' + _Variables.hrs_pou_plan_dev_op.ToString +
#13#10;
s := s + 'hrs_pou_plan_rev_js: ' + _Variables.hrs_pou_plan_rev_js.ToString +
#13#10;
s := s + 'hrs_pou_report_ann_prep_op: ' +
_Variables.hrs_pou_report_ann_prep_op.ToString + #13#10;
s := s + 'hrs_pou_report_ann_rev_js: ' +

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_Variables.hrs_pou_report_ann_rev_js.ToString + #13#10;
s := s + 'hrs_pr_op: ' + _Variables.hrs_pr_op.ToString + #13#10;
s := s + 'hrs_print_pe_pou_op: ' + _Variables.hrs_print_pe_pou_op.ToString +
#13#10;
s := s + 'hrs_pub_access_op: ' + _Variables.hrs_pub_access_op.ToString + #13#10;
s := s + 'hrs_pub_deliv_wtr_op: ' + _Variables.hrs_pub_deliv_wtr_op.ToString +
#13#10;
s := s + 'hrs_pub_devel_hc_op: ' + _Variables.hrs_pub_devel_hc_op.ToString +
#13#10;
s := s + 'hrs_pub_devel_wtr_op: ' + _Variables.hrs_pub_devel_wtr_op.ToString +
#13#10;
s := s + 'hrs_pub_rev_hc_js: ' + _Variables.hrs_pub_rev_hc_js.ToString + #13#10;
s := s + 'hrs_pub_temp_hc_js: ' + _Variables.hrs_pub_temp_hc_js.ToString + #13#10;
s := s + 'hrs_renew_nine_js: ' + _Variables.hrs_renew_nine_js.ToString + #13#10;
s := s + 'hrs_renew_nine_op: ' + _Variables.hrs_renew_nine_op.ToString + #13#10;
s := s + 'hrs_replaced_lsl_contact_op: ' +
_Variables.hrs_replaced_lsl_contact_op.ToString + #13#10;
s := s + 'hrs_report_dssa_js: ' + _Variables.hrs_report_dssa_js.ToString + #13#10;
s := s + 'hrs_report_dssa_op: ' + _Variables.hrs_report_dssa_op.ToString + #13#10;
s := s + 'hrs_report_inv_op: ' + _Variables.hrs_report_inv_op.ToString + #13#10;
s := s + 'hrs_report_lcr_js: ' + _Variables.hrs_report_lcr_js.ToString + #13#10;
s := s + 'hrs_report_lcr_op: ' + _Variables.hrs_report_lcr_op.ToString + #13#10;
s := s + 'hrs_report_source_op: ' + _Variables.hrs_report_source_op.ToString +
#13#10;
s := s + 'hrs_report_updated_initial_inv_op: ' +
_Variables.hrs_report_updated_initial_inv_op.ToString + #13#10;
s := s + 'hrs_report_wqp_op: ' + _Variables.hrs_report_wqp_op.ToString + #13#10;
s := s + 'hrs_reset_owqp_js: ' + _Variables.hrs_reset_owqp_js.ToString + #13#10;
s := s + 'hrs_result_discuss_op: ' + _Variables.hrs_result_discuss_op.ToString +
#13#10;
s := s + 'hrs_rev_cct_op: ' + _Variables.hrs_rev_cct_op.ToString + #13#10;
s := s + 'hrs_rev_nolsl_js: ' + _Variables.hrs_rev_nolsl_js.ToString + #13#10;
s := s + 'hrs_rev_samp_js: ' + _Variables.hrs_rev_samp_js.ToString + #13#10;
s := s + 'hrs_rev_samp_plan_js: ' + _Variables.hrs_rev_samp_plan_js.ToString +
#13#10;
s := s + 'hrs_rev_school_info_js: ' + _Variables.hrs_rev_school_info_js.ToString +
#13#10;
s := s + 'hrs_rev_school_list_js: ' + _Variables.hrs_rev_school_list_js.ToString +
#13#10;
s := s + 'hrs_review_cct_study_lead_js: ' +
_Variables.hrs_review_cct_study_lead_js.ToString + #13#10;
s := s + 'hrs_review_pe_pou_js: ' + _Variables.hrs_review_pe_pou_js.ToString +
#13#10;
s := s + 'hrs_review_targeted_pe_js: ' +
_Variables.hrs_review_targeted_pe_js.ToString + #13#10;
s := s + 'hrs_review_wtr_pe_js: ' + _Variables.hrs_review_wtr_pe_js.ToString +
#13#10;
s := s + 'hrs_samp_above_al_op: ' + _Variables.hrs_samp_above_al_op.ToString +
#13#10;
s := s + 'hrs_samp_invalid_js: ' + _Variables.hrs_samp_invalid_js.ToString +

```

```

#13#10;
    s := s + 'hrs_samp_invalid_op: ' + _Variables.hrs_samp_invalid_op.ToString +
#13#10;
    s := s + 'hrs_samp_notice_js: ' + _Variables.hrs_samp_notice_js.ToString + #13#10;
    s := s + 'hrs_samp_notice_op: ' + _Variables.hrs_samp_notice_op.ToString + #13#10;
    s := s + 'hrs_samp_reject_op: ' + _Variables.hrs_samp_reject_op.ToString + #13#10;
    s := s + 'hrs_samp_volunt_op: ' + _Variables.hrs_samp_volunt_op.ToString + #13#10;
    s := s + 'hrs_samp_volunt_pou_op: ' + _Variables.hrs_samp_volunt_pou_op.ToString +
#13#10;
    s := s + 'hrs_sanit_surv_js: ' + _Variables.hrs_sanit_surv_js.ToString + #13#10;
    s := s + 'hrs_sanit_surv_op: ' + _Variables.hrs_sanit_surv_op.ToString + #13#10;
    s := s + 'hrs_school_annual_contact_op: ' +
_Variables.hrs_school_annual_contact_op.ToString + #13#10;
    s := s + 'hrs_school_call_op: ' + _Variables.hrs_school_call_op.ToString + #13#10;
    s := s + 'hrs_school_coor_sample_op: ' +
_Variables.hrs_school_coor_sample_op.ToString + #13#10;
    s := s + 'hrs_school_help_op: ' + _Variables.hrs_school_help_op.ToString + #13#10;
    s := s + 'hrs_school_identify_op: ' + _Variables.hrs_school_identify_op.ToString +
#13#10;
    s := s + 'hrs_school_letter_op: ' + _Variables.hrs_school_letter_op.ToString +
#13#10;
    s := s + 'hrs_sdwis_js: ' + _Variables.hrs_sdwis_js.ToString + #13#10;
    s := s + 'hrs_set_owqp_js: ' + _Variables.hrs_set_owqp_js.ToString + #13#10;
    s := s + 'hrs_sm_flex_option_js: ' + _Variables.hrs_sm_flex_option_js.ToString +
#13#10;
    s := s + 'hrs_sm_flex_option_op: ' + _Variables.hrs_sm_flex_option_op.ToString +
#13#10;
    s := s + 'hrs_source_js: ' + _Variables.hrs_source_js.ToString + #13#10;
    s := s + 'hrs_source_op: ' + _Variables.hrs_source_op.ToString + #13#10;
    s := s + 'hrs_ta_js: ' + _Variables.hrs_ta_js.ToString + #13#10;
    s := s + 'hrs_temp_ccr_js: ' + _Variables.hrs_temp_ccr_js.ToString + #13#10;
    s := s + 'hrs_temp_lslr_out_js: ' + _Variables.hrs_temp_lslr_out_js.ToString +
#13#10;
    s := s + 'hrs_temp_pou_js: ' + _Variables.hrs_temp_pou_js.ToString + #13#10;
    s := s + 'hrs_temp_school_js: ' + _Variables.hrs_temp_school_js.ToString + #13#10;
    s := s + 'hrs_train_ann_js: ' + _Variables.hrs_train_ann_js.ToString + #13#10;
    s := s + 'hrs_train_imp_js: ' + _Variables.hrs_train_imp_js.ToString + #13#10;
    s := s + 'hrs_travel_samp_school_op: ' +
_Variables.hrs_travel_samp_school_op.ToString + #13#10;
    s := s + 'hrs_update_ccr_op: ' + _Variables.hrs_update_ccr_op.ToString + #13#10;
    s := s + 'hrs_updated_initial_inv_rev_js: ' +
_Variables.hrs_updated_initial_inv_rev_js.ToString + #13#10;
    s := s + 'hrs_walkthrough_school_op: ' +
_Variables.hrs_walkthrough_school_op.ToString + #13#10;
    s := s + 'hrs_web_op: ' + _Variables.hrs_web_op.ToString + #13#10;
    s := s + 'hrs_wqp_analyze_dist_op: ' + _Variables.hrs_wqp_analyze_dist_op.ToString
+ #13#10;
    s := s + 'hrs_wqp_analyze_ep_op: ' + _Variables.hrs_wqp_analyze_ep_op.ToString +
#13#10;
    s := s + 'hrs_wqp_analyze_ortho_ep_op: ' +

```

```

_Variables.hrs_wqp_analyze_ortho_ep_op.ToString + #13#10;
s := s + 'hrs_wqp_analyze_ortho_op: ' +
_Variables.hrs_wqp_analyze_ortho_op.ToString + #13#10;
s := s + 'hrs_wqp_analyze_ph_ep_op: ' +
_Variables.hrs_wqp_analyze_ph_ep_op.ToString + #13#10;
s := s + 'hrs_wqp_analyze_ph_op: ' + _Variables.hrs_wqp_analyze_ph_op.ToString +
#13#10;
s := s + 'hrs_wqp_dssa_op: ' + _Variables.hrs_wqp_dssa_op.ToString + #13#10;
s := s + 'hrs_wqp_js: ' + _Variables.hrs_wqp_js.ToString + #13#10;
s := s + 'hrs_wqp_op: ' + _Variables.hrs_wqp_op.ToString + #13#10;
s := s + 'meet_lslr_goal: ' + _Variables.meet_lslr_goal.ToString + #13#10;
s := s + 'num_lsl_replace: ' + _Variables.num_lsl_replace.ToString + #13#10;
s := s + 'num_lsl_requested: ' + _Variables.num_lsl_requested.ToString + #13#10;
s := s + 'num_lslr_gal_prev_lsl_replace: ' +
_Variables.num_lslr_gal_prev_lsl_replace.ToString + #13#10;
s := s + 'num_lslr_lsl_replace: ' + _Variables.num_lslr_lsl_replace.ToString +
#13#10;
s := s + 'num_lslr_partial_replace: ' +
_Variables.num_lslr_partial_replace.ToString + #13#10;
s := s + 'num_lslr_replace: ' + _Variables.num_lslr_replace.ToString + #13#10;
s := s + 'num_unknown_resolved: ' + _Variables.num_unknown_resolved.ToString +
#13#10;
s := s + 'numb_daycares: ' + _Variables.numb_daycares.ToString + #13#10;
s := s + 'numb_elem_schools_priv: ' + _Variables.numb_elem_schools_priv.ToString +
#13#10;
s := s + 'numb_elem_schools_pub: ' + _Variables.numb_elem_schools_pub.ToString +
#13#10;
s := s + 'numb_enhance_wqp: ' + _Variables.numb_enhance_wqp.ToString + #13#10;
s := s + 'numb_ep: ' + _Variables.numb_ep.ToString + #13#10;
s := s + 'numb_ep_wqp: ' + _Variables.numb_ep_wqp.ToString + #13#10;
s := s + 'numb_ha: ' + _Variables.numb_ha.ToString + #13#10;
s := s + 'numb_hh: ' + _Variables.numb_hh.ToString + #13#10;
s := s + 'numb_lcr_other_org: ' + _Variables.numb_lcr_other_org.ToString + #13#10;
s := s + 'numb_other_request: ' + _Variables.numb_other_request.ToString + #13#10;
s := s + 'numb_pou: ' + _Variables.numb_pou.ToString + #13#10;
s := s + 'numb_reduced_tap: ' + _Variables.numb_reduced_tap.ToString + #13#10;
s := s + 'numb_reduced_wqp: ' + _Variables.numb_reduced_wqp.ToString + #13#10;
s := s + 'numb_samp_customer: ' + _Variables.numb_samp_customer.ToString + #13#10;
s := s + 'numb_samp_five: ' + _Variables.numb_samp_five.ToString + #13#10;
s := s + 'numb_samp_lslr: ' + _Variables.numb_samp_lslr.ToString + #13#10;
s := s + 'numb_samp_two: ' + _Variables.numb_samp_two.ToString + #13#10;
s := s + 'numb_second_schools_priv: ' +
_Variables.numb_second_schools_priv.ToString + #13#10;
s := s + 'numb_second_schools_pub: ' + _Variables.numb_second_schools_pub.ToString
+ #13#10;
s := s + 'numb_st_sample: ' + _Variables.numb_st_sample.ToString + #13#10;
s := s + 'numb_wqp_sites_added: ' + _Variables.numb_wqp_sites_added.ToString +
#13#10;
s := s + 'numb_wqp_sites_added_prev: ' +
_Variables.numb_wqp_sites_added_prev.ToString + #13#10;

```

```

s := s + 'p_copper_ale: ' + _Variables.p_copper_ale.ToString + #13#10;
s := s + 'p_incentive: ' + _Variables.p_incentive.ToString + #13#10;
s := s + 'p_inventory: ' + _Variables.p_inventory.ToString + #13#10;
s := s + 'p_source_chng: ' + _Variables.p_source_chng.ToString + #13#10;
s := s + 'p_source_sig: ' + _Variables.p_source_sig.ToString + #13#10;
s := s + 'p_spec_req: ' + _Variables.p_spec_req.ToString + #13#10;
s := s + 'p_tap_annual: ' + _Variables.p_tap_annual.ToString + #13#10;
s := s + 'p_tap_nine: ' + _Variables.p_tap_nine.ToString + #13#10;
s := s + 'p_tap_triennial: ' + _Variables.p_tap_triennial.ToString + #13#10;
s := s + 'p_treat_change: ' + _Variables.p_treat_change.ToString + #13#10;
s := s + 'p_wqp_all: ' + _Variables.p_wqp_all.ToString + #13#10;
s := s + 'p_wqp_annual: ' + _Variables.p_wqp_annual.ToString + #13#10;
s := s + 'p_wqp_cond: ' + _Variables.p_wqp_cond.ToString + #13#10;
s := s + 'p_wqp_six_red: ' + _Variables.p_wqp_six_red.ToString + #13#10;
s := s + 'p_wqp_triennial: ' + _Variables.p_wqp_triennial.ToString + #13#10;
s := s + 'pbaseph: ' + _Variables.pbaseph.ToString + #13#10;
s := s + 'pbasephpo4: ' + _Variables.pbasephpo4.ToString + #13#10;
s := s + 'pbasepo4: ' + _Variables.pbasepo4.ToString + #13#10;
s := s + 'perc_hh_water_wrk: ' + _Variables.perc_hh_water_wrk.ToString + #13#10;
s := s + 'pp_above_al_bin_one: ' + _Variables.pp_above_al_bin_one.ToString +
#13#10;
s := s + 'pp_above_al_bin_three: ' + _Variables.pp_above_al_bin_three.ToString +
#13#10;
s := s + 'pp_above_al_bin_two: ' + _Variables.pp_above_al_bin_two.ToString +
#13#10;
s := s + 'pp_childcare_mand_waiver: ' +
_Variables.pp_childcare_mand_waiver.ToString + #13#10;
s := s + 'pp_childcare_onreq_waiver: ' +
_Variables.pp_childcare_onreq_waiver.ToString + #13#10;
s := s + 'pp_commercial_samp: ' + _Variables.pp_commercial_samp.ToString + #13#10;
s := s + 'pp_commercial_samp_school: ' +
_Variables.pp_commercial_samp_school.ToString + #13#10;
s := s + 'pp_hh_request_lslr: ' + _Variables.pp_hh_request_lslr.ToString + #13#10;
s := s + 'pp_hh_return_samp: ' + _Variables.pp_hh_return_samp.ToString + #13#10;
s := s + 'pp_lab_samp: ' + _Variables.pp_lab_samp.ToString + #13#10;
s := s + 'pp_lab_samp_school: ' + _Variables.pp_lab_samp_school.ToString + #13#10;
s := s + 'pp_lslr_cap_emerg: ' + _Variables.pp_lslr_cap_emerg.ToString + #13#10;
s := s + 'pp_mand_twenty_partic: ' + _Variables.pp_mand_twenty_partic.ToString +
#13#10;
s := s + 'pp_priv_elem_mand_waiver: ' +
_Variables.pp_priv_elem_mand_waiver.ToString + #13#10;
s := s + 'pp_priv_elem_onreq_waiver: ' +
_Variables.pp_priv_elem_onreq_waiver.ToString + #13#10;
s := s + 'pp_priv_second_onreq1_waiver: ' +
_Variables.pp_priv_second_onreq1_waiver.ToString + #13#10;
s := s + 'pp_priv_second_onreq2_waiver: ' +
_Variables.pp_priv_second_onreq2_waiver.ToString + #13#10;
s := s + 'pp_pub_elem_mand_waiver: ' + _Variables.pp_pub_elem_mand_waiver.ToString
+ #13#10;
s := s + 'pp_pub_elem_onreq_waiver: ' +

```



```

_Variables.pp_pub_elem_onreq_waiver.ToString + #13#10;
  s := s + 'pp_pub_second_onreq1_waiver: ' +
_Variables.pp_pub_second_onreq1_waiver.ToString + #13#10;
  s := s + 'pp_pub_second_onreq2_waiver: ' +
_Variables.pp_pub_second_onreq2_waiver.ToString + #13#10;
  s := s + 'pp_samp_invalid: ' + _Variables.pp_samp_invalid.ToString + #13#10;
  s := s + 'pp_samp_reject: ' + _Variables.pp_samp_reject.ToString + #13#10;
  s := s + 'pp_voluntary_partic: ' + _Variables.pp_voluntary_partic.ToString +
#13#10;
  s := s + 'pws_cct: ' + _Variables.pws_cct.ToString + #13#10;
  s := s + 'pws_lsl: ' + _Variables.pws_lsl.ToString + #13#10;
  s := s + 'pws_pop: ' + _Variables.pws_pop.ToString + #13#10;
  s := s + 'rate_js: ' + _Variables.rate_js.ToString + #13#10;
  s := s + 'rate_op: ' + _Variables.rate_op.ToString + #13#10;
  s := s + 'school_3a: ' + _Variables.school_3a.ToString + #13#10;
  s := s + 'system_pou: ' + _Variables.system_pou.ToString + #13#10;

```

```

  result:=s;
end;

```

```

constructor TLSRCompiledCostBaselineLCRR.create;

```

```

begin
  inherited create;
  _ImAState[0] := true;
  _ImAState[1] := true;
  _ImAState[2] := true;
  _ImAState[3] := true;
  _ImAState[4] := true;
  _ImAState[5] := true;
  _ImAState[6] := true;
  _ImAState[7] := true;
  _ImAState[8] := false;
  _ImAState[9] := false;
  _ImAState[10] := false;
  _ImAState[11] := false;
  _ImAState[12] := false;
  _ImAState[13] := false;
  _ImAState[14] := false;
  _ImAState[15] := false;
  _ImAState[16] := false;
  _ImAState[17] := false;
  _ImAState[18] := false;
  _ImAState[19] := false;
  _ImAState[20] := false;
  _ImAState[21] := false;
  _ImAState[22] := false;
  _ImAState[23] := false;
  _ImAState[24] := false;
  _ImAState[25] := false;
  _ImAState[26] := false;

```

```
_ImAState[27] := false;
_ImAState[28] := false;
_ImAState[29] := false;
_ImAState[30] := false;
_ImAState[31] := false;
_ImAState[32] := false;
_ImAState[33] := false;
_ImAState[34] := false;
_ImAState[35] := false;
_ImAState[36] := false;
_ImAState[37] := false;
_ImAState[38] := false;
_ImAState[39] := false;
_ImAState[40] := false;
_ImAState[41] := false;
_ImAState[42] := false;
_ImAState[43] := false;
_ImAState[44] := false;
_ImAState[45] := false;
_ImAState[46] := false;
_ImAState[47] := false;
_ImAState[48] := false;
_ImAState[49] := false;
_ImAState[50] := false;
_ImAState[51] := false;
_ImAState[52] := false;
_ImAState[53] := false;
_ImAState[54] := false;
_ImAState[55] := false;
_ImAState[56] := false;
_ImAState[57] := false;
_ImAState[58] := false;
_ImAState[59] := false;
_ImAState[60] := false;
_ImAState[61] := false;
_ImAState[62] := false;
_ImAState[63] := false;
_ImAState[64] := false;
_ImAState[65] := false;
_ImAState[66] := false;
_ImAState[67] := false;
_ImAState[68] := false;
_ImAState[69] := false;
_ImAState[70] := false;
_ImAState[71] := false;
_ImAState[72] := false;
_ImAState[73] := false;
_ImAState[74] := false;
_ImAState[75] := false;
_ImAState[76] := false;
```

```
_ImAState[77] := false;
_ImAState[78] := false;
_ImAState[79] := false;
_ImAState[80] := false;
_ImAState[81] := false;
_ImAState[82] := false;
_ImAState[83] := false;
_ImAState[84] := false;
_ImAState[85] := false;
_ImAState[86] := false;
_ImAState[87] := false;
_ImAState[88] := false;
_ImAState[89] := false;
_ImAState[90] := false;
_ImAState[91] := false;
_ImAState[92] := false;
_ImAState[93] := false;
_ImAState[94] := false;
_ImAState[95] := false;
_ImAState[96] := false;
_ImAState[97] := false;
_ImAState[98] := false;
_ImAState[99] := false;
_ImAState[100] := false;
_ImAState[101] := false;
_ImAState[102] := false;
_ImAState[103] := false;
_ImAState[104] := false;
_ImAState[105] := false;
_ImAState[106] := false;
_ImAState[107] := false;
_ImAState[108] := false;
_ImAState[109] := false;
_ImAState[110] := false;
_ImAState[111] := false;
_ImAState[112] := false;
_ImAState[113] := false;
_ImAState[114] := false;
_ImAState[115] := false;
_ImAState[116] := false;
_ImAState[117] := false;
_ImAState[118] := false;
_ImAState[119] := false;
_ImAState[120] := false;
_ImAState[121] := false;
_ImAState[122] := false;
_ImAState[123] := false;
_ImAState[124] := false;
_ImAState[125] := false;
_ImAState[126] := false;
```

```
_ImAState[127] := false;
_ImAState[128] := false;
_ImAState[129] := false;
_ImAState[130] := false;
_ImAState[131] := false;
_ImAState[132] := false;
_ImAState[133] := false;
_ImAState[134] := false;
_ImAState[135] := false;
_ImAState[136] := false;
_ImAState[137] := false;
_ImAState[138] := false;
_ImAState[139] := false;
_ImAState[140] := false;
_ImAState[141] := false;
_ImAState[142] := false;
_ImAState[143] := false;
_ImAState[144] := false;
_ImAState[145] := false;
_ImAState[146] := false;
_ImAState[147] := false;
_ImAState[148] := false;
_ImAState[149] := false;
_ImAState[150] := false;
_ImAState[151] := false;
_ImAState[152] := false;
_ImAState[153] := false;
_ImAState[154] := false;
_ImAState[155] := false;
_ImAState[156] := false;
_ImAState[157] := false;
_ImAState[158] := false;
_ImAState[159] := false;
_ImAState[160] := false;
_ImAState[161] := false;
_ImAState[162] := false;
_ImAState[163] := false;
_ImAState[164] := false;
_ImAState[165] := false;
_ImAState[166] := false;
_ImAState[167] := false;
_ImAState[168] := false;
_ImAState[169] := false;
_ImAState[170] := false;
_ImAState[171] := false;
_ImAState[172] := false;
_ImAState[173] := false;
_ImAState[174] := false;
_ImAState[175] := false;
_ImAState[176] := false;
```

```
_ImAState[177] := false;
_ImAState[178] := false;
_ImAState[179] := false;
_ImAState[180] := false;
_ImAState[181] := false;
_ImAState[182] := false;
_ImAState[183] := false;
_ImAState[184] := false;
_ImAState[185] := false;
_ImAState[186] := false;
_ImAState[187] := false;
_ImAState[188] := false;
_ImAState[189] := false;
_ImAState[190] := false;
_ImAState[191] := false;
_ImAState[192] := false;
_ImAState[193] := false;
_ImAState[194] := false;
_ImAState[195] := false;
_ImAState[196] := false;
_ImAState[197] := false;
_ImAState[198] := false;
_ImAState[199] := false;
_ImAState[200] := false;
_ImAState[201] := false;
_ImAState[202] := false;
_ImAState[203] := false;
_ImAState[204] := false;
_ImAState[205] := false;
_ImAState[206] := false;
_ImAState[207] := false;
_ImAState[208] := false;
_ImAState[209] := false;
_ImAState[210] := false;
_ImAState[211] := false;
_ImAState[212] := false;
_ImAState[213] := false;
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_ImAState[216] := false;
_ImAState[217] := false;
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_ImAState[219] := false;
_ImAState[220] := false;
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_ImAState[222] := false;
_ImAState[223] := false;
_ImAState[224] := false;
_ImAState[225] := false;
_ImAState[226] := false;
```

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_ImAState[227] := false;
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_ImAState[231] := false;
_ImAState[232] := false;
_ImAState[233] := false;
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_ImAState[235] := false;
_ImAState[236] := false;
_ImAState[237] := false;
_ImAState[238] := false;
_ImAState[239] := false;
_ImAState[240] := false;
_ImAState[241] := false;
_ImAState[242] := false;
_ImAState[243] := false;
_ImAState[244] := false;
_ImAState[245] := false;
_ImAState[246] := false;
_ImAState[247] := false;
_ImAState[248] := false;
_ImAState[249] := false;
_ImAState[250] := false;
_ImAState[251] := false;
_ImAState[252] := false;
_ImAState[253] := false;
_ImAState[254] := false;
_ImAState[255] := false;
_ImAState[256] := false;
_ImAState[257] := false;
_ImAState[258] := false;
_ImAState[259] := false;
_ImAState[260] := false;
_ImAState[261] := false;
_ImAState[262] := false;
_ImAState[263] := false;
_ImAState[264] := false;
_ImAState[265] := false;
_ImAState[266] := false;
_ImAState[267] := false;
_ImAState[268] := false;
_ImAState[269] := false;
_ImAState[270] := false;
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_ImAState[272] := false;
_ImAState[273] := false;
_ImAState[274] := false;
_ImAState[275] := false;
_ImAState[276] := false;
```

```
_ImAState[277] := false;
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_ImAState[281] := false;
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_ImAState[283] := false;
_ImAState[284] := false;
_ImAState[285] := false;
_ImAState[286] := false;
_ImAState[287] := false;
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_ImAState[292] := false;
_ImAState[293] := false;
_ImAState[294] := false;
_ImAState[295] := false;
_ImAState[296] := false;
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_ImAState[302] := false;
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_ImAState[304] := false;
_ImAState[305] := false;
_ImAState[306] := false;
_ImAState[307] := false;
_ImAState[308] := false;
_ImAState[309] := false;
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_ImAState[311] := false;
_ImAState[312] := false;
_ImAState[313] := false;
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_ImAState[322] := false;
_ImAState[323] := false;
_ImAState[324] := false;
_ImAState[325] := false;
_ImAState[326] := false;
```

```
_ImAState[327] := false;
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_ImAState[331] := false;
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_ImAState[337] := false;
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_ImAState[340] := false;
_ImAState[341] := false;
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_ImAState[343] := false;
_ImAState[344] := false;
_ImAState[345] := false;
_ImAState[346] := false;
_ImAState[347] := false;
_ImAState[348] := false;
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_ImAState[350] := false;
_ImAState[351] := false;
_ImAState[352] := false;
_ImAState[353] := false;
_ImAState[354] := false;
_ImAState[355] := false;
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_ImAState[357] := false;
_ImAState[358] := false;
_ImAState[359] := false;
_ImAState[360] := false;
_ImAState[361] := false;
_ImAState[362] := false;
_ImAState[363] := false;
_ImAState[364] := false;
_ImAState[365] := false;
_ImAState[366] := false;
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_ImAState[371] := false;
_ImAState[372] := false;
_ImAState[373] := false;
_ImAState[374] := false;
_ImAState[375] := false;
_ImAState[376] := false;
```



```
_ImAState[377] := false;
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_ImAState[379] := false;
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_ImAState[381] := false;
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_ImAState[384] := false;
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_ImAState[393] := false;
_ImAState[394] := false;
_ImAState[395] := false;
_ImAState[396] := false;
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_ImAState[399] := false;
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_ImAState[402] := false;
_ImAState[403] := false;
_ImAState[404] := false;
_ImAState[405] := false;
_ImAState[406] := false;
_ImAState[407] := false;
_ImAState[408] := false;
_ImAState[409] := false;
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_ImAState[411] := false;
_ImAState[412] := false;
_ImAState[413] := false;
_ImAState[414] := false;
_ImAState[415] := false;
_ImAState[416] := false;
_ImAState[417] := false;
_ImAState[418] := false;
_ImAState[419] := false;
_ImAState[420] := false;
_ImAState[421] := false;
_ImAState[422] := false;
_ImAState[423] := false;
_ImAState[424] := false;
_ImAState[425] := false;
_ImAState[426] := false;
```

```
_ImAState[427] := false;
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_ImAState[433] := false;
_ImAState[434] := false;
_ImAState[435] := false;
_ImAState[436] := false;
_ImAState[437] := false;
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_ImAState[462] := false;
_ImAState[463] := false;
_ImAState[464] := false;
_ImAState[465] := false;
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_ImAState[472] := false;
_ImAState[473] := false;
_ImAState[474] := false;
_ImAState[475] := false;
_ImAState[476] := false;
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```
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_ImAState[522] := false;
_ImAState[523] := false;
_ImAState[524] := false;
_ImAState[525] := false;
_ImAState[526] := false;
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```
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_ImAState[572] := false;
_ImAState[573] := false;
_ImAState[574] := false;
_ImAState[575] := false;
_ImAState[576] := false;
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```
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_ImAState[622] := false;
_ImAState[623] := false;
_ImAState[624] := false;
_ImAState[625] := false;
_ImAState[626] := false;
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```
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_ImAState[672] := false;
_ImAState[673] := false;
_ImAState[674] := false;
_ImAState[675] := false;
_ImAState[676] := false;
```

```
_ImAState[677] := false;
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_ImAState[683] := false;
_ImAState[684] := false;
_ImAState[685] := false;
_ImAState[686] := false;
_ImAState[687] := false;
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_ImAState[711] := false;
_ImAState[712] := false;
_ImAState[713] := false;
_ImAState[714] := false;
_ImAState[715] := false;
_ImAState[716] := false;
_ImAState[717] := false;
_ImAState[718] := false;
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_ImAState[720] := false;
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_ImAState[722] := false;
_ImAState[723] := false;
_ImAState[724] := false;
_ImAState[725] := false;
_ImAState[726] := false;
```

```
_ImAState[727] := false;
_ImAState[728] := false;
_ImAState[729] := false;
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_ImAState[731] := false;
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_ImAState[735] := false;
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_ImAState[737] := false;
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_ImAState[739] := false;
_ImAState[740] := false;
_ImAState[741] := false;
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_ImAState[760] := false;
_ImAState[761] := false;
_ImAState[762] := false;
_ImAState[763] := false;
_ImAState[764] := false;
_ImAState[765] := false;
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_ImAState[772] := false;
_ImAState[773] := false;
_ImAState[774] := false;
_ImAState[775] := false;
_ImAState[776] := false;
```



```
_ImAState[777] := false;
_ImAState[778] := false;
_ImAState[779] := false;
_ImAState[780] := false;
_ImAState[781] := false;
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_ImAState[804] := false;
_ImAState[805] := false;
_ImAState[806] := false;
_ImAState[807] := false;
_ImAState[808] := false;
_ImAState[809] := false;
_ImAState[810] := false;
_ImAState[811] := false;
_ImAState[812] := false;
_ImAState[813] := false;
_ImAState[814] := false;
_ImAState[815] := false;
_ImAState[816] := false;
_ImAState[817] := false;
_ImAState[818] := false;
_ImAState[819] := false;
_ImAState[820] := false;
_ImAState[821] := false;
_ImAState[822] := false;
_ImAState[823] := false;
_ImAState[824] := false;
_ImAState[825] := false;
_ImAState[826] := false;
```

```

_ImASState[827] := false;
_ImASState[828] := false;
_ImASState[829] := false;
_ImASState[830] := false;
_ImASState[831] := false;
_ImASState[832] := false;
_ImASState[833] := false;
_ImASState[834] := false;
_ImASState[835] := false;
_ImASState[836] := false;
_ImASState[837] := false;
_ImASState[838] := false;
_ImASState[839] := false;
_ImASState[840] := false;
_ImASState[841] := false;
_ImASState[842] := false;
_ImASState[843] := false;
_ImASState[844] := false;
_ImASState[845] := false;
_ImASState[846] := false;

```

end;

```
{ TLSRCompiledCostOption }
```

```
procedure TLSRCompiledCostOption._LoadVars;
```

```
begin
```

```

  if Assigned(_Variables.P_annual_pou_cost_hh) then _Variables.annual_pou_cost_hh:=
    _Variables.P_annual_pou_cost_hh^;
  if Assigned(_Variables.P_b_cct_study_install) then
    _Variables.b_cct_study_install:= _Variables.P_b_cct_study_install^;
  if Assigned(_Variables.P_b_cct_study_mod_al) then _Variables.b_cct_study_mod_al:=
    _Variables.P_b_cct_study_mod_al^;
  if Assigned(_Variables.P_b_dssa) then _Variables.b_dssa:= _Variables.P_b_dssa^;
  if Assigned(_Variables.P_b_install_cct) then _Variables.b_install_cct:=
    _Variables.P_b_install_cct^;
  if Assigned(_Variables.P_b_install_pou) then _Variables.b_install_pou:=
    _Variables.P_b_install_pou^;
  if Assigned(_Variables.P_b_lslr_mand) then _Variables.b_lslr_mand:=
    _Variables.P_b_lslr_mand^;
  if Assigned(_Variables.P_b_lslr_study) then _Variables.b_lslr_study:=
    _Variables.P_b_lslr_study^;
  if Assigned(_Variables.P_b_modify_cct) then _Variables.b_modify_cct:=
    _Variables.P_b_modify_cct^;
  if Assigned(_Variables.P_b_modify_cct_al) then _Variables.b_modify_cct_al:=
    _Variables.P_b_modify_cct_al^;
  if Assigned(_Variables.P_b_pou_study) then _Variables.b_pou_study:=
    _Variables.P_b_pou_study^;
  if Assigned(_Variables.P_b_state_cct_treatment_mod_al) then
    _Variables.b_state_cct_treatment_mod_al:=

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_Variables.P_b_state_cct_treatment_mod_al^;
  if Assigned(_Variables.P_b_state_one) then _Variables.b_state_one:=
_Variables.P_b_state_one^;
  if Assigned(_Variables.P_b_state_two) then _Variables.b_state_two:=
_Variables.P_b_state_two^;
  if Assigned(_Variables.P_b_temp_pou_1) then _Variables.b_temp_pou_1:=
_Variables.P_b_temp_pou_1^;
  if Assigned(_Variables.P_b_temp_pou_2) then _Variables.b_temp_pou_2:=
_Variables.P_b_temp_pou_2^;
  if Assigned(_Variables.P_b_temp_pou_3) then _Variables.b_temp_pou_3:=
_Variables.P_b_temp_pou_3^;
  if Assigned(_Variables.P_b_temp_pou_4) then _Variables.b_temp_pou_4:=
_Variables.P_b_temp_pou_4^;
  if Assigned(_Variables.P_cct_dssa_cost) then _Variables.cct_dssa_cost:=
_Variables.P_cct_dssa_cost^;
  if Assigned(_Variables.P_cct_dssa_cost_p) then _Variables.cct_dssa_cost_p:=
_Variables.P_cct_dssa_cost_p^;
  if Assigned(_Variables.P_cct_dssa_cost_umra) then _Variables.cct_dssa_cost_umra:=
_Variables.P_cct_dssa_cost_umra^;
  if Assigned(_Variables.P_cct_dssa_cost_umra_om) then
_Variables.cct_dssa_cost_umra_om:= _Variables.P_cct_dssa_cost_umra_om^;
  if Assigned(_Variables.P_cct_existing_cost) then _Variables.cct_existing_cost:=
_Variables.P_cct_existing_cost^;
  if Assigned(_Variables.P_cct_install_cost) then _Variables.cct_install_cost:=
_Variables.P_cct_install_cost^;
  if Assigned(_Variables.P_cct_install_cost_p) then _Variables.cct_install_cost_p:=
_Variables.P_cct_install_cost_p^;
  if Assigned(_Variables.P_cct_install_cost_umra) then
_Variables.cct_install_cost_umra:= _Variables.P_cct_install_cost_umra^;
  if Assigned(_Variables.P_cct_install_cost_umra_om) then
_Variables.cct_install_cost_umra_om:= _Variables.P_cct_install_cost_umra_om^;
  if Assigned(_Variables.P_cct_modify_cost) then _Variables.cct_modify_cost:=
_Variables.P_cct_modify_cost^;
  if Assigned(_Variables.P_cct_modify_cost_p) then _Variables.cct_modify_cost_p:=
_Variables.P_cct_modify_cost_p^;
  if Assigned(_Variables.P_cct_modify_cost_umra) then
_Variables.cct_modify_cost_umra:= _Variables.P_cct_modify_cost_umra^;
  if Assigned(_Variables.P_cct_modify_cost_umra_om) then
_Variables.cct_modify_cost_umra_om:= _Variables.P_cct_modify_cost_umra_om^;
  if Assigned(_Variables.P_cost_5_commercial_lab) then
_Variables.cost_5_commercial_lab:= _Variables.P_cost_5_commercial_lab^;
  if Assigned(_Variables.P_cost_5_lt_samp) then _Variables.cost_5_lt_samp:=
_Variables.P_cost_5_lt_samp^;
  if Assigned(_Variables.P_cost_ale_other) then _Variables.cost_ale_other:=
_Variables.P_cost_ale_other^;
  if Assigned(_Variables.P_cost_annual_report_school_dist) then
_Variables.cost_annual_report_school_dist:=
_Variables.P_cost_annual_report_school_dist^;
  if Assigned(_Variables.P_cost_cct_study_dem) then _Variables.cost_cct_study_dem:=
_Variables.P_cost_cct_study_dem^;

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    if Assigned(_Variables.P_cost_collect_samp_school) then
    _Variables.cost_collect_samp_school:= _Variables.P_cost_collect_samp_school^;
    if Assigned(_Variables.P_cost_commercial_lab) then
    _Variables.cost_commercial_lab:= _Variables.P_cost_commercial_lab^;
    if Assigned(_Variables.P_cost_commercial_lsl_lslr) then
    _Variables.cost_commercial_lsl_lslr:= _Variables.P_cost_commercial_lsl_lslr^;
    if Assigned(_Variables.P_cost_cust_lslr) then _Variables.cost_cust_lslr:=
    _Variables.P_cost_cust_lslr^;
    if Assigned(_Variables.P_cost_cust_lt) then _Variables.cost_cust_lt:=
    _Variables.P_cost_cust_lt^;
    if Assigned(_Variables.P_cost_deliv_persist_ale) then
    _Variables.cost_deliv_persist_ale:= _Variables.P_cost_deliv_persist_ale^;
    if Assigned(_Variables.P_cost_ep_wqp_material) then
    _Variables.cost_ep_wqp_material:= _Variables.P_cost_ep_wqp_material^;
    if Assigned(_Variables.P_cost_ep_wqp_ortho_material) then
    _Variables.cost_ep_wqp_ortho_material:= _Variables.P_cost_ep_wqp_ortho_material^;
    if Assigned(_Variables.P_cost_ep_wqp_ph_material) then
    _Variables.cost_ep_wqp_ph_material:= _Variables.P_cost_ep_wqp_ph_material^;
    if Assigned(_Variables.P_cost_filter_hh) then _Variables.cost_filter_hh:=
    _Variables.P_cost_filter_hh^;
    if Assigned(_Variables.P_cost_hc) then _Variables.cost_hc:= _Variables.P_cost_hc^;
    if Assigned(_Variables.P_cost_hh_request) then _Variables.cost_hh_request:=
    _Variables.P_cost_hh_request^;
    if Assigned(_Variables.P_cost_incentive) then _Variables.cost_incentive:=
    _Variables.P_cost_incentive^;
    if Assigned(_Variables.P_cost_inform_samp_pe_school) then
    _Variables.cost_inform_samp_pe_school:= _Variables.P_cost_inform_samp_pe_school^;
    if Assigned(_Variables.P_cost_lab_lsl_lslr) then _Variables.cost_lab_lsl_lslr:=
    _Variables.P_cost_lab_lsl_lslr^;
    if Assigned(_Variables.P_cost_lab_lt_samp) then _Variables.cost_lab_lt_samp:=
    _Variables.P_cost_lab_lt_samp^;
    if Assigned(_Variables.P_cost_lab_ortho_wqp) then _Variables.cost_lab_ortho_wqp:=
    _Variables.P_cost_lab_ortho_wqp^;
    if Assigned(_Variables.P_cost_lab_ph_wqp) then _Variables.cost_lab_ph_wqp:=
    _Variables.P_cost_lab_ph_wqp^;
    if Assigned(_Variables.P_cost_lab_wqp) then _Variables.cost_lab_wqp:=
    _Variables.P_cost_lab_wqp^;
    if Assigned(_Variables.P_cost_lab_wqp_ep) then _Variables.cost_lab_wqp_ep:=
    _Variables.P_cost_lab_wqp_ep^;
    if Assigned(_Variables.P_cost_lab_wqp_ortho_ep) then
    _Variables.cost_lab_wqp_ortho_ep:= _Variables.P_cost_lab_wqp_ortho_ep^;
    if Assigned(_Variables.P_cost_lab_wqp_ph_ep) then _Variables.cost_lab_wqp_ph_ep:=
    _Variables.P_cost_lab_wqp_ph_ep^;
    if Assigned(_Variables.P_cost_lslr_gal_prev_leadcon_ccemg_pw) then
    _Variables.cost_lslr_gal_prev_leadcon_ccemg_pw:=
    _Variables.P_cost_lslr_gal_prev_leadcon_ccemg_pw^;
    if Assigned(_Variables.P_cost_lslr_gal_prev_leadcon_reg_pws) then
    _Variables.cost_lslr_gal_prev_leadcon_reg_pws:=
    _Variables.P_cost_lslr_gal_prev_leadcon_reg_pws^;
    if Assigned(_Variables.P_cost_lslr_gal_prev_lsl_ccemg_pws) then

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_Variables.cost_lslr_gal_prev_lsl_ccemg_pws:=
_Variables.P_cost_lslr_gal_prev_lsl_ccemg_pws^;
  if Assigned(_Variables.P_cost_lslr_gal_prev_lsl_reg_pws) then
_Variables.cost_lslr_gal_prev_lsl_reg_pws:=
_Variables.P_cost_lslr_gal_prev_lsl_reg_pws^;
  if Assigned(_Variables.P_cost_lslr_leadcon_ccemg_pws) then
_Variables.cost_lslr_leadcon_ccemg_pws:= _Variables.P_cost_lslr_leadcon_ccemg_pws^;
  if Assigned(_Variables.P_cost_lslr_leadcon_reg_pws) then
_Variables.cost_lslr_leadcon_reg_pws:= _Variables.P_cost_lslr_leadcon_reg_pws^;
  if Assigned(_Variables.P_cost_lslr_lsl_ccemg_mand_pws) then
_Variables.cost_lslr_lsl_ccemg_mand_pws:=
_Variables.P_cost_lslr_lsl_ccemg_mand_pws^;
  if Assigned(_Variables.P_cost_lslr_lsl_reg_mand_pws) then
_Variables.cost_lslr_lsl_reg_mand_pws:= _Variables.P_cost_lslr_lsl_reg_mand_pws^;
  if Assigned(_Variables.P_cost_lslr_partial_ccemg_pws) then
_Variables.cost_lslr_partial_ccemg_pws:= _Variables.P_cost_lslr_partial_ccemg_pws^;
  if Assigned(_Variables.P_cost_lslr_partial_reg_pws) then
_Variables.cost_lslr_partial_reg_pws:= _Variables.P_cost_lslr_partial_reg_pws^;
  if Assigned(_Variables.P_cost_ntncws_cust_lslr) then
_Variables.cost_ntncws_cust_lslr:= _Variables.P_cost_ntncws_cust_lslr^;
  if Assigned(_Variables.P_cost_ntncws_cust_lt) then
_Variables.cost_ntncws_cust_lt:= _Variables.P_cost_ntncws_cust_lt^;
  if Assigned(_Variables.P_cost_ntncws_distr_pe_pou) then
_Variables.cost_ntncws_distr_pe_pou:= _Variables.P_cost_ntncws_distr_pe_pou^;
  if Assigned(_Variables.P_cost_ntncws_pe_lcr_delivery) then
_Variables.cost_ntncws_pe_lcr_delivery:= _Variables.P_cost_ntncws_pe_lcr_delivery^;
  if Assigned(_Variables.P_cost_ntncws_pe_lsl_gen) then
_Variables.cost_ntncws_pe_lsl_gen:= _Variables.P_cost_ntncws_pe_lsl_gen^;
  if Assigned(_Variables.P_cost_other_lt_samp) then _Variables.cost_other_lt_samp:=
_Variables.P_cost_other_lt_samp^;
  if Assigned(_Variables.P_cost_other_request) then _Variables.cost_other_request:=
_Variables.P_cost_other_request^;
  if Assigned(_Variables.P_cost_pe_lcr_delivery) then
_Variables.cost_pe_lcr_delivery:= _Variables.P_cost_pe_lcr_delivery^;
  if Assigned(_Variables.P_cost_pe_lead_ale) then _Variables.cost_pe_lead_ale:=
_Variables.P_cost_pe_lead_ale^;
  if Assigned(_Variables.P_cost_pe_lsl_gen) then _Variables.cost_pe_lsl_gen:=
_Variables.P_cost_pe_lsl_gen^;
  if Assigned(_Variables.P_cost_pickup_samp) then _Variables.cost_pickup_samp:=
_Variables.P_cost_pickup_samp^;
  if Assigned(_Variables.P_cost_pou_samp) then _Variables.cost_pou_samp:=
_Variables.P_cost_pou_samp^;
  if Assigned(_Variables.P_cost_pr) then _Variables.cost_pr:= _Variables.P_cost_pr^;
  if Assigned(_Variables.P_cost_print_pe_pou) then _Variables.cost_print_pe_pou:=
_Variables.P_cost_print_pe_pou^;
  if Assigned(_Variables.P_cost_pub_deliv_wtr_ed) then
_Variables.cost_pub_deliv_wtr_ed:= _Variables.P_cost_pub_deliv_wtr_ed^;
  if Assigned(_Variables.P_cost_replaced_lsl_contact) then
_Variables.cost_replaced_lsl_contact:= _Variables.P_cost_replaced_lsl_contact^;
  if Assigned(_Variables.P_cost_samp_above_al) then _Variables.cost_samp_above_al:=

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_Variables.P_cost_samp_above_al^;
  if Assigned(_Variables.P_cost_school_annual_contact) then
_Variables.cost_school_annual_contact:= _Variables.P_cost_school_annual_contact^;
  if Assigned(_Variables.P_cost_school_letter) then _Variables.cost_school_letter:=
_Variables.P_cost_school_letter^;
  if Assigned(_Variables.P_cost_source) then _Variables.cost_source:=
_Variables.P_cost_source^;
  if Assigned(_Variables.P_cost_source_analyze) then
_Variables.cost_source_analyze:= _Variables.P_cost_source_analyze^;
  if Assigned(_Variables.P_cost_source_material) then
_Variables.cost_source_material:= _Variables.P_cost_source_material^;
  if Assigned(_Variables.P_cost_temp_pou) then _Variables.cost_temp_pou:=
_Variables.P_cost_temp_pou^;
  if Assigned(_Variables.P_cost_translate_cws) then _Variables.cost_translate_cws:=
_Variables.P_cost_translate_cws^;
  if Assigned(_Variables.P_cost_translate_state) then
_Variables.cost_translate_state:= _Variables.P_cost_translate_state^;
  if Assigned(_Variables.P_cost_travel_samp_school) then
_Variables.cost_travel_samp_school:= _Variables.P_cost_travel_samp_school^;
  if Assigned(_Variables.P_cost_update) then _Variables.cost_update:=
_Variables.P_cost_update^;
  if Assigned(_Variables.P_cost_valid) then _Variables.cost_valid:=
_Variables.P_cost_valid^;
  if Assigned(_Variables.P_cost_walkthrough_school) then
_Variables.cost_walkthrough_school:= _Variables.P_cost_walkthrough_school^;
  if Assigned(_Variables.P_cost_wqp_analyze) then _Variables.cost_wqp_analyze:=
_Variables.P_cost_wqp_analyze^;
  if Assigned(_Variables.P_cost_wqp_analyze_ep) then
_Variables.cost_wqp_analyze_ep:= _Variables.P_cost_wqp_analyze_ep^;
  if Assigned(_Variables.P_cost_wqp_analyze_ortho_ep) then
_Variables.cost_wqp_analyze_ortho_ep:= _Variables.P_cost_wqp_analyze_ortho_ep^;
  if Assigned(_Variables.P_cost_wqp_analyze_ph_ep) then
_Variables.cost_wqp_analyze_ph_ep:= _Variables.P_cost_wqp_analyze_ph_ep^;
  if Assigned(_Variables.P_cost_wqp_material) then _Variables.cost_wqp_material:=
_Variables.P_cost_wqp_material^;
  if Assigned(_Variables.P_cost_wqp_material_ortho) then
_Variables.cost_wqp_material_ortho:= _Variables.P_cost_wqp_material_ortho^;
  if Assigned(_Variables.P_cost_wqp_material_ph) then
_Variables.cost_wqp_material_ph:= _Variables.P_cost_wqp_material_ph^;
  if Assigned(_Variables.P_cost_wqp_ortho_analyze) then
_Variables.cost_wqp_ortho_analyze:= _Variables.P_cost_wqp_ortho_analyze^;
  if Assigned(_Variables.P_cost_wqp_ph_analyze) then
_Variables.cost_wqp_ph_analyze:= _Variables.P_cost_wqp_ph_analyze^;
  if Assigned(_Variables.P_hh_remain_lsl) then _Variables.hh_remain_lsl:=
_Variables.P_hh_remain_lsl^;
  if Assigned(_Variables.P_hh_unknown_remain) then _Variables.hh_unknown_remain:=
_Variables.P_hh_unknown_remain^;
  if Assigned(_Variables.P_hrs_access_lsl_op) then _Variables.hrs_access_lsl_op:=
_Variables.P_hrs_access_lsl_op^;
  if Assigned(_Variables.P_hrs_add_lsl_samp_op) then

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_Variables.hrs_add_lsl_samp_op:= _Variables.P_hrs_add_lsl_samp_op^;
  if Assigned(_Variables.P_hrs_admin_temp_pou_op) then
_Variables.hrs_admin_temp_pou_op:= _Variables.P_hrs_admin_temp_pou_op^;
  if Assigned(_Variables.P_hrs_adopt_rule_js) then _Variables.hrs_adopt_rule_js:=
_Variables.P_hrs_adopt_rule_js^;
  if Assigned(_Variables.P_hrs_ale_consult_js) then _Variables.hrs_ale_consult_js:=
_Variables.P_hrs_ale_consult_js^;
  if Assigned(_Variables.P_hrs_ale_consult_op) then _Variables.hrs_ale_consult_op:=
_Variables.P_hrs_ale_consult_op^;
  if Assigned(_Variables.P_hrs_ale_lang_js) then _Variables.hrs_ale_lang_js:=
_Variables.P_hrs_ale_lang_js^;
  if Assigned(_Variables.P_hrs_ale_other_op) then _Variables.hrs_ale_other_op:=
_Variables.P_hrs_ale_other_op^;
  if Assigned(_Variables.P_hrs_analyze_lsl_lslr_op) then
_Variables.hrs_analyze_lsl_lslr_op:= _Variables.P_hrs_analyze_lsl_lslr_op^;
  if Assigned(_Variables.P_hrs_analyze_samp_op) then
_Variables.hrs_analyze_samp_op:= _Variables.P_hrs_analyze_samp_op^;
  if Assigned(_Variables.P_hrs_annual_lt_js) then _Variables.hrs_annual_lt_js:=
_Variables.P_hrs_annual_lt_js^;
  if Assigned(_Variables.P_hrs_annual_lt_op) then _Variables.hrs_annual_lt_op:=
_Variables.P_hrs_annual_lt_op^;
  if Assigned(_Variables.P_hrs_annual_report_school_js) then
_Variables.hrs_annual_report_school_js:= _Variables.P_hrs_annual_report_school_js^;
  if Assigned(_Variables.P_hrs_annual_report_school_prepare_op) then
_Variables.hrs_annual_report_school_prepare_op:=
_Variables.P_hrs_annual_report_school_prepare_op^;
  if Assigned(_Variables.P_hrs_assign_staff_imp_op) then
_Variables.hrs_assign_staff_imp_op:= _Variables.P_hrs_assign_staff_imp_op^;
  if Assigned(_Variables.P_hrs_cct_review_js) then _Variables.hrs_cct_review_js:=
_Variables.P_hrs_cct_review_js^;
  if Assigned(_Variables.P_hrs_cert_cust_lt_js) then
_Variables.hrs_cert_cust_lt_js:= _Variables.P_hrs_cert_cust_lt_js^;
  if Assigned(_Variables.P_hrs_cert_cust_lt_op) then
_Variables.hrs_cert_cust_lt_op:= _Variables.P_hrs_cert_cust_lt_op^;
  if Assigned(_Variables.P_hrs_cert_outreach_annual_js) then
_Variables.hrs_cert_outreach_annual_js:= _Variables.P_hrs_cert_outreach_annual_js^;
  if Assigned(_Variables.P_hrs_cert_outreach_annual_op) then
_Variables.hrs_cert_outreach_annual_op:= _Variables.P_hrs_cert_outreach_annual_op^;
  if Assigned(_Variables.P_hrs_childcare_call_op) then
_Variables.hrs_childcare_call_op:= _Variables.P_hrs_childcare_call_op^;
  if Assigned(_Variables.P_hrs_chng_tap_js) then _Variables.hrs_chng_tap_js:=
_Variables.P_hrs_chng_tap_js^;
  if Assigned(_Variables.P_hrs_chng_tap_op) then _Variables.hrs_chng_tap_op:=
_Variables.P_hrs_chng_tap_op^;
  if Assigned(_Variables.P_hrs_collect_lsl_lslr_op) then
_Variables.hrs_collect_lsl_lslr_op:= _Variables.P_hrs_collect_lsl_lslr_op^;
  if Assigned(_Variables.P_hrs_collect_samp_school_op) then
_Variables.hrs_collect_samp_school_op:= _Variables.P_hrs_collect_samp_school_op^;
  if Assigned(_Variables.P_hrs_consult_dssa_js) then
_Variables.hrs_consult_dssa_js:= _Variables.P_hrs_consult_dssa_js^;

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    if Assigned(_Variables.P_hrs_consult_dssa_op) then
    _Variables.hrs_consult_dssa_op:= _Variables.P_hrs_consult_dssa_op^;
    if Assigned(_Variables.P_hrs_consult_temp_pou_js) then
    _Variables.hrs_consult_temp_pou_js:= _Variables.P_hrs_consult_temp_pou_js^;
    if Assigned(_Variables.P_hrs_consult_temp_pou_op) then
    _Variables.hrs_consult_temp_pou_op:= _Variables.P_hrs_consult_temp_pou_op^;
    if Assigned(_Variables.P_hrs_coop_source_chng_red_js) then
    _Variables.hrs_coop_source_chng_red_js:= _Variables.P_hrs_coop_source_chng_red_js^;
    if Assigned(_Variables.P_hrs_coop_source_chng_red_op) then
    _Variables.hrs_coop_source_chng_red_op:= _Variables.P_hrs_coop_source_chng_red_op^;
    if Assigned(_Variables.P_hrs_coop_source_chng_rout_js) then
    _Variables.hrs_coop_source_chng_rout_js:=
    _Variables.P_hrs_coop_source_chng_rout_js^;
    if Assigned(_Variables.P_hrs_coop_source_chng_rout_op) then
    _Variables.hrs_coop_source_chng_rout_op:=
    _Variables.P_hrs_coop_source_chng_rout_op^;
    if Assigned(_Variables.P_hrs_coop_treat_chng_red_js) then
    _Variables.hrs_coop_treat_chng_red_js:= _Variables.P_hrs_coop_treat_chng_red_js^;
    if Assigned(_Variables.P_hrs_coop_treat_chng_red_op) then
    _Variables.hrs_coop_treat_chng_red_op:= _Variables.P_hrs_coop_treat_chng_red_op^;
    if Assigned(_Variables.P_hrs_coop_treat_chng_rout_js) then
    _Variables.hrs_coop_treat_chng_rout_js:= _Variables.P_hrs_coop_treat_chng_rout_js^;
    if Assigned(_Variables.P_hrs_coop_treat_chng_rout_op) then
    _Variables.hrs_coop_treat_chng_rout_op:= _Variables.P_hrs_coop_treat_chng_rout_op^;
    if Assigned(_Variables.P_hrs_coord_epa_js) then _Variables.hrs_coord_epa_js:=
    _Variables.P_hrs_coord_epa_js^;
    if Assigned(_Variables.P_hrs_cust_plan_op) then _Variables.hrs_cust_plan_op:=
    _Variables.P_hrs_cust_plan_op^;
    if Assigned(_Variables.P_hrs_cust_request_oversee_op) then
    _Variables.hrs_cust_request_oversee_op:= _Variables.P_hrs_cust_request_oversee_op^;
    if Assigned(_Variables.P_hrs_deliv_persist_ale_op) then
    _Variables.hrs_deliv_persist_ale_op:= _Variables.P_hrs_deliv_persist_ale_op^;
    if Assigned(_Variables.P_hrs_deter_dssa_op) then _Variables.hrs_deter_dssa_op:=
    _Variables.P_hrs_deter_dssa_op^;
    if Assigned(_Variables.P_hrs_devel_pe_school_op) then
    _Variables.hrs_devel_pe_school_op:= _Variables.P_hrs_devel_pe_school_op^;
    if Assigned(_Variables.P_hrs_devel_persist_ale_op) then
    _Variables.hrs_devel_persist_ale_op:= _Variables.P_hrs_devel_persist_ale_op^;
    if Assigned(_Variables.P_hrs_devel_samp_op) then _Variables.hrs_devel_samp_op:=
    _Variables.P_hrs_devel_samp_op^;
    if Assigned(_Variables.P_hrs_discuss_samp_op) then
    _Variables.hrs_discuss_samp_op:= _Variables.P_hrs_discuss_samp_op^;
    if Assigned(_Variables.P_hrs_distr_agencies_pe_op) then
    _Variables.hrs_distr_agencies_pe_op:= _Variables.P_hrs_distr_agencies_pe_op^;
    if Assigned(_Variables.P_hrs_distr_edu_op) then _Variables.hrs_distr_edu_op:=
    _Variables.P_hrs_distr_edu_op^;
    if Assigned(_Variables.P_hrs_ep_wqp_op) then _Variables.hrs_ep_wqp_op:=
    _Variables.P_hrs_ep_wqp_op^;
    if Assigned(_Variables.P_hrs_fin_op_op) then _Variables.hrs_fin_op_op:=
    _Variables.P_hrs_fin_op_op^;

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    if Assigned(_Variables.P_hrs_ha_op) then _Variables.hrs_ha_op:=
_Variables.P_hrs_ha_op^;
    if Assigned(_Variables.P_hrs_hc_js) then _Variables.hrs_hc_js:=
_Variables.P_hrs_hc_js^;
    if Assigned(_Variables.P_hrs_hc_list_op) then _Variables.hrs_hc_list_op:=
_Variables.P_hrs_hc_list_op^;
    if Assigned(_Variables.P_hrs_hc_op) then _Variables.hrs_hc_op:=
_Variables.P_hrs_hc_op^;
    if Assigned(_Variables.P_hrs_hh_request_op) then _Variables.hrs_hh_request_op:=
_Variables.P_hrs_hh_request_op^;
    if Assigned(_Variables.P_hrs_inform_samp_op) then _Variables.hrs_inform_samp_op:=
_Variables.P_hrs_inform_samp_op^;
    if Assigned(_Variables.P_hrs_inform_samp_pe_school_op) then
_Variables.hrs_inform_samp_pe_school_op:=
_Variables.P_hrs_inform_samp_pe_school_op^;
    if Assigned(_Variables.P_hrs_initial_ta_js) then _Variables.hrs_initial_ta_js:=
_Variables.P_hrs_initial_ta_js^;
    if Assigned(_Variables.P_hrs_initial_ta_op) then _Variables.hrs_initial_ta_op:=
_Variables.P_hrs_initial_ta_op^;
    if Assigned(_Variables.P_hrs_initial_tap_confer_op) then
_Variables.hrs_initial_tap_confer_op:= _Variables.P_hrs_initial_tap_confer_op^;
    if Assigned(_Variables.P_hrs_initial_tap_rev_js) then
_Variables.hrs_initial_tap_rev_js:= _Variables.P_hrs_initial_tap_rev_js^;
    if Assigned(_Variables.P_hrs_inv_update_rev_js) then
_Variables.hrs_inv_update_rev_js:= _Variables.P_hrs_inv_update_rev_js^;
    if Assigned(_Variables.P_hrs_inv_valid_rev_js) then
_Variables.hrs_inv_valid_rev_js:= _Variables.P_hrs_inv_valid_rev_js^;
    if Assigned(_Variables.P_hrs_lslr_plan_js) then _Variables.hrs_lslr_plan_js:=
_Variables.P_hrs_lslr_plan_js^;
    if Assigned(_Variables.P_hrs_lslr_plan_op) then _Variables.hrs_lslr_plan_op:=
_Variables.P_hrs_lslr_plan_op^;
    if Assigned(_Variables.P_hrs_maint_lsl_op) then _Variables.hrs_maint_lsl_op:=
_Variables.P_hrs_maint_lsl_op^;
    if Assigned(_Variables.P_hrs_modify_ds_js) then _Variables.hrs_modify_ds_js:=
_Variables.P_hrs_modify_ds_js^;
    if Assigned(_Variables.P_hrs_nolsl_op) then _Variables.hrs_nolsl_op:=
_Variables.P_hrs_nolsl_op^;
    if Assigned(_Variables.P_hrs_ntncws_cust_lslr_op) then
_Variables.hrs_ntncws_cust_lslr_op:= _Variables.P_hrs_ntncws_cust_lslr_op^;
    if Assigned(_Variables.P_hrs_ntncws_distr_edu_op) then
_Variables.hrs_ntncws_distr_edu_op:= _Variables.P_hrs_ntncws_distr_edu_op^;
    if Assigned(_Variables.P_hrs_ntncws_distr_pe_persist_ale_op) then
_Variables.hrs_ntncws_distr_pe_persist_ale_op:=
_Variables.P_hrs_ntncws_distr_pe_persist_ale_op^;
    if Assigned(_Variables.P_hrs_ntncws_distr_pe_pou_op) then
_Variables.hrs_ntncws_distr_pe_pou_op:= _Variables.P_hrs_ntncws_distr_pe_pou_op^;
    if Assigned(_Variables.P_hrs_ntncws_inform_samp_op) then
_Variables.hrs_ntncws_inform_samp_op:= _Variables.P_hrs_ntncws_inform_samp_op^;
    if Assigned(_Variables.P_hrs_ntncws_pe_lsl_gen_dist_op) then
_Variables.hrs_ntncws_pe_lsl_gen_dist_op:=

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_Variables.P_hrs_ntncws_pe_lsl_gen_dist_op^;
  if Assigned(_Variables.P_hrs_other_request_op) then
_Variables.hrs_other_request_op:= _Variables.P_hrs_other_request_op^;
  if Assigned(_Variables.P_hrs_pe_al_devel_op) then _Variables.hrs_pe_al_devel_op:=
_Variables.P_hrs_pe_al_devel_op^;
  if Assigned(_Variables.P_hrs_pe_certify_quarterly_js) then
_Variables.hrs_pe_certify_quarterly_js:= _Variables.P_hrs_pe_certify_quarterly_js^;
  if Assigned(_Variables.P_hrs_pe_certify_quarterly_op) then
_Variables.hrs_pe_certify_quarterly_op:= _Variables.P_hrs_pe_certify_quarterly_op^;
  if Assigned(_Variables.P_hrs_pe_lsl_gen_develop_op) then
_Variables.hrs_pe_lsl_gen_develop_op:= _Variables.P_hrs_pe_lsl_gen_develop_op^;
  if Assigned(_Variables.P_hrs_pe_lsl_gen_dist_op) then
_Variables.hrs_pe_lsl_gen_dist_op:= _Variables.P_hrs_pe_lsl_gen_dist_op^;
  if Assigned(_Variables.P_hrs_pe_lsl_gen_temp_js) then
_Variables.hrs_pe_lsl_gen_temp_js:= _Variables.P_hrs_pe_lsl_gen_temp_js^;
  if Assigned(_Variables.P_hrs_pe_lsl_rev_js) then _Variables.hrs_pe_lsl_rev_js:=
_Variables.P_hrs_pe_lsl_rev_js^;
  if Assigned(_Variables.P_hrs_pe_pou_op) then _Variables.hrs_pe_pou_op:=
_Variables.P_hrs_pe_pou_op^;
  if Assigned(_Variables.P_hrs_pickup_samp_op) then _Variables.hrs_pickup_samp_op:=
_Variables.P_hrs_pickup_samp_op^;
  if Assigned(_Variables.P_hrs_pou_plan_dev_op) then
_Variables.hrs_pou_plan_dev_op:= _Variables.P_hrs_pou_plan_dev_op^;
  if Assigned(_Variables.P_hrs_pou_plan_rev_js) then
_Variables.hrs_pou_plan_rev_js:= _Variables.P_hrs_pou_plan_rev_js^;
  if Assigned(_Variables.P_hrs_pou_report_ann_prep_op) then
_Variables.hrs_pou_report_ann_prep_op:= _Variables.P_hrs_pou_report_ann_prep_op^;
  if Assigned(_Variables.P_hrs_pou_report_ann_rev_js) then
_Variables.hrs_pou_report_ann_rev_js:= _Variables.P_hrs_pou_report_ann_rev_js^;
  if Assigned(_Variables.P_hrs_pr_op) then _Variables.hrs_pr_op:=
_Variables.P_hrs_pr_op^;
  if Assigned(_Variables.P_hrs_print_pe_pou_op) then
_Variables.hrs_print_pe_pou_op:= _Variables.P_hrs_print_pe_pou_op^;
  if Assigned(_Variables.P_hrs_pub_access_op) then _Variables.hrs_pub_access_op:=
_Variables.P_hrs_pub_access_op^;
  if Assigned(_Variables.P_hrs_pub_deliv_wtr_op) then
_Variables.hrs_pub_deliv_wtr_op:= _Variables.P_hrs_pub_deliv_wtr_op^;
  if Assigned(_Variables.P_hrs_pub_devel_hc_op) then
_Variables.hrs_pub_devel_hc_op:= _Variables.P_hrs_pub_devel_hc_op^;
  if Assigned(_Variables.P_hrs_pub_devel_wtr_op) then
_Variables.hrs_pub_devel_wtr_op:= _Variables.P_hrs_pub_devel_wtr_op^;
  if Assigned(_Variables.P_hrs_pub_rev_hc_js) then _Variables.hrs_pub_rev_hc_js:=
_Variables.P_hrs_pub_rev_hc_js^;
  if Assigned(_Variables.P_hrs_pub_temp_hc_js) then _Variables.hrs_pub_temp_hc_js:=
_Variables.P_hrs_pub_temp_hc_js^;
  if Assigned(_Variables.P_hrs_read_rule_op) then _Variables.hrs_read_rule_op:=
_Variables.P_hrs_read_rule_op^;
  if Assigned(_Variables.P_hrs_renew_nine_js) then _Variables.hrs_renew_nine_js:=
_Variables.P_hrs_renew_nine_js^;
  if Assigned(_Variables.P_hrs_renew_nine_op) then _Variables.hrs_renew_nine_op:=

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_Variables.P_hrs_renew_nine_op^;
  if Assigned(_Variables.P_hrs_replaced_lsl_contact_op) then
_Variables.hrs_replaced_lsl_contact_op:= _Variables.P_hrs_replaced_lsl_contact_op^;
  if Assigned(_Variables.P_hrs_report_dssa_js) then _Variables.hrs_report_dssa_js:=
_Variables.P_hrs_report_dssa_js^;
  if Assigned(_Variables.P_hrs_report_dssa_op) then _Variables.hrs_report_dssa_op:=
_Variables.P_hrs_report_dssa_op^;
  if Assigned(_Variables.P_hrs_report_inv_op) then _Variables.hrs_report_inv_op:=
_Variables.P_hrs_report_inv_op^;
  if Assigned(_Variables.P_hrs_report_lcr_js) then _Variables.hrs_report_lcr_js:=
_Variables.P_hrs_report_lcr_js^;
  if Assigned(_Variables.P_hrs_report_lcr_op) then _Variables.hrs_report_lcr_op:=
_Variables.P_hrs_report_lcr_op^;
  if Assigned(_Variables.P_hrs_report_sch_cc_results_op) then
_Variables.hrs_report_sch_cc_results_op:=
_Variables.P_hrs_report_sch_cc_results_op^;
  if Assigned(_Variables.P_hrs_report_source_op) then
_Variables.hrs_report_source_op:= _Variables.P_hrs_report_source_op^;
  if Assigned(_Variables.P_hrs_report_updated_initial_inv_op) then
_Variables.hrs_report_updated_initial_inv_op:=
_Variables.P_hrs_report_updated_initial_inv_op^;
  if Assigned(_Variables.P_hrs_report_wqp_op) then _Variables.hrs_report_wqp_op:=
_Variables.P_hrs_report_wqp_op^;
  if Assigned(_Variables.P_hrs_request_pou_op) then _Variables.hrs_request_pou_op:=
_Variables.P_hrs_request_pou_op^;
  if Assigned(_Variables.P_hrs_reset_owqp_js) then _Variables.hrs_reset_owqp_js:=
_Variables.P_hrs_reset_owqp_js^;
  if Assigned(_Variables.P_hrs_result_discuss_op) then
_Variables.hrs_result_discuss_op:= _Variables.P_hrs_result_discuss_op^;
  if Assigned(_Variables.P_hrs_rev_cct_op) then _Variables.hrs_rev_cct_op:=
_Variables.P_hrs_rev_cct_op^;
  if Assigned(_Variables.P_hrs_rev_nolsl_js) then _Variables.hrs_rev_nolsl_js:=
_Variables.P_hrs_rev_nolsl_js^;
  if Assigned(_Variables.P_hrs_rev_samp_js) then _Variables.hrs_rev_samp_js:=
_Variables.P_hrs_rev_samp_js^;
  if Assigned(_Variables.P_hrs_rev_samp_plan_js) then
_Variables.hrs_rev_samp_plan_js:= _Variables.P_hrs_rev_samp_plan_js^;
  if Assigned(_Variables.P_hrs_rev_school_info_js) then
_Variables.hrs_rev_school_info_js:= _Variables.P_hrs_rev_school_info_js^;
  if Assigned(_Variables.P_hrs_rev_school_list_js) then
_Variables.hrs_rev_school_list_js:= _Variables.P_hrs_rev_school_list_js^;
  if Assigned(_Variables.P_hrs_review_cct_study_lead_js) then
_Variables.hrs_review_cct_study_lead_js:=
_Variables.P_hrs_review_cct_study_lead_js^;
  if Assigned(_Variables.P_hrs_review_pe_persist_ale_js) then
_Variables.hrs_review_pe_persist_ale_js:=
_Variables.P_hrs_review_pe_persist_ale_js^;
  if Assigned(_Variables.P_hrs_review_pe_pou_js) then
_Variables.hrs_review_pe_pou_js:= _Variables.P_hrs_review_pe_pou_js^;
  if Assigned(_Variables.P_hrs_review_wtr_pe_js) then

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_Variables.hrs_review_wtr_pe_js:= _Variables.P_hrs_review_wtr_pe_js^;
  if Assigned(_Variables.P_hrs_samp_above_al_op) then
_Variables.hrs_samp_above_al_op:= _Variables.P_hrs_samp_above_al_op^;
  if Assigned(_Variables.P_hrs_samp_invalid_js) then
_Variables.hrs_samp_invalid_js:= _Variables.P_hrs_samp_invalid_js^;
  if Assigned(_Variables.P_hrs_samp_invalid_op) then
_Variables.hrs_samp_invalid_op:= _Variables.P_hrs_samp_invalid_op^;
  if Assigned(_Variables.P_hrs_samp_notice_js) then _Variables.hrs_samp_notice_js:=
_Variables.P_hrs_samp_notice_js^;
  if Assigned(_Variables.P_hrs_samp_notice_op) then _Variables.hrs_samp_notice_op:=
_Variables.P_hrs_samp_notice_op^;
  if Assigned(_Variables.P_hrs_samp_reject_op) then _Variables.hrs_samp_reject_op:=
_Variables.P_hrs_samp_reject_op^;
  if Assigned(_Variables.P_hrs_samp_volunt_op) then _Variables.hrs_samp_volunt_op:=
_Variables.P_hrs_samp_volunt_op^;
  if Assigned(_Variables.P_hrs_samp_volunt_pou_op) then
_Variables.hrs_samp_volunt_pou_op:= _Variables.P_hrs_samp_volunt_pou_op^;
  if Assigned(_Variables.P_hrs_sanit_surv_js) then _Variables.hrs_sanit_surv_js:=
_Variables.P_hrs_sanit_surv_js^;
  if Assigned(_Variables.P_hrs_sanit_surv_op) then _Variables.hrs_sanit_surv_op:=
_Variables.P_hrs_sanit_surv_op^;
  if Assigned(_Variables.P_hrs_sch_cc_results_review_js) then
_Variables.hrs_sch_cc_results_review_js:=
_Variables.P_hrs_sch_cc_results_review_js^;
  if Assigned(_Variables.P_hrs_school_annual_contact_op) then
_Variables.hrs_school_annual_contact_op:=
_Variables.P_hrs_school_annual_contact_op^;
  if Assigned(_Variables.P_hrs_school_call_op) then _Variables.hrs_school_call_op:=
_Variables.P_hrs_school_call_op^;
  if Assigned(_Variables.P_hrs_school_coor_sample_op) then
_Variables.hrs_school_coor_sample_op:= _Variables.P_hrs_school_coor_sample_op^;
  if Assigned(_Variables.P_hrs_school_help_op) then _Variables.hrs_school_help_op:=
_Variables.P_hrs_school_help_op^;
  if Assigned(_Variables.P_hrs_school_identify_op) then
_Variables.hrs_school_identify_op:= _Variables.P_hrs_school_identify_op^;
  if Assigned(_Variables.P_hrs_school_letter_op) then
_Variables.hrs_school_letter_op:= _Variables.P_hrs_school_letter_op^;
  if Assigned(_Variables.P_hrs_sdwis_js) then _Variables.hrs_sdwis_js:=
_Variables.P_hrs_sdwis_js^;
  if Assigned(_Variables.P_hrs_set_owqp_js) then _Variables.hrs_set_owqp_js:=
_Variables.P_hrs_set_owqp_js^;
  if Assigned(_Variables.P_hrs_sm_flex_option_js) then
_Variables.hrs_sm_flex_option_js:= _Variables.P_hrs_sm_flex_option_js^;
  if Assigned(_Variables.P_hrs_sm_flex_option_op) then
_Variables.hrs_sm_flex_option_op:= _Variables.P_hrs_sm_flex_option_op^;
  if Assigned(_Variables.P_hrs_source_js) then _Variables.hrs_source_js:=
_Variables.P_hrs_source_js^;
  if Assigned(_Variables.P_hrs_source_op) then _Variables.hrs_source_op:=
_Variables.P_hrs_source_op^;
  if Assigned(_Variables.P_hrs_ta_js) then _Variables.hrs_ta_js:=

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_Variables.P_hrs_ta_js^;
  if Assigned(_Variables.P_hrs_temp_ccr_js) then _Variables.hrs_temp_ccr_js:=
_Variables.P_hrs_temp_ccr_js^;
  if Assigned(_Variables.P_hrs_temp_filter_plan_dev_js) then
_Variables.hrs_temp_filter_plan_dev_js:= _Variables.P_hrs_temp_filter_plan_dev_js^;
  if Assigned(_Variables.P_hrs_temp_filter_plan_dev_op) then
_Variables.hrs_temp_filter_plan_dev_op:= _Variables.P_hrs_temp_filter_plan_dev_op^;
  if Assigned(_Variables.P_hrs_temp_persist_ale_js) then
_Variables.hrs_temp_persist_ale_js:= _Variables.P_hrs_temp_persist_ale_js^;
  if Assigned(_Variables.P_hrs_temp_pou_js) then _Variables.hrs_temp_pou_js:=
_Variables.P_hrs_temp_pou_js^;
  if Assigned(_Variables.P_hrs_temp_school_js) then _Variables.hrs_temp_school_js:=
_Variables.P_hrs_temp_school_js^;
  if Assigned(_Variables.P_hrs_train_ann_js) then _Variables.hrs_train_ann_js:=
_Variables.P_hrs_train_ann_js^;
  if Assigned(_Variables.P_hrs_train_imp_js) then _Variables.hrs_train_imp_js:=
_Variables.P_hrs_train_imp_js^;
  if Assigned(_Variables.P_hrs_translate_phone_js) then
_Variables.hrs_translate_phone_js:= _Variables.P_hrs_translate_phone_js^;
  if Assigned(_Variables.P_hrs_translate_phone_op) then
_Variables.hrs_translate_phone_op:= _Variables.P_hrs_translate_phone_op^;
  if Assigned(_Variables.P_hrs_travel_samp_school_op) then
_Variables.hrs_travel_samp_school_op:= _Variables.P_hrs_travel_samp_school_op^;
  if Assigned(_Variables.P_hrs_update_ccr_op) then _Variables.hrs_update_ccr_op:=
_Variables.P_hrs_update_ccr_op^;
  if Assigned(_Variables.P_hrs_updated_initial_inv_op) then
_Variables.hrs_updated_initial_inv_op:= _Variables.P_hrs_updated_initial_inv_op^;
  if Assigned(_Variables.P_hrs_updated_initial_inv_rev_js) then
_Variables.hrs_updated_initial_inv_rev_js:=
_Variables.P_hrs_updated_initial_inv_rev_js^;
  if Assigned(_Variables.P_hrs_valid_report_op) then
_Variables.hrs_valid_report_op:= _Variables.P_hrs_valid_report_op^;
  if Assigned(_Variables.P_hrs_walkthrough_school_op) then
_Variables.hrs_walkthrough_school_op:= _Variables.P_hrs_walkthrough_school_op^;
  if Assigned(_Variables.P_hrs_web_op) then _Variables.hrs_web_op:=
_Variables.P_hrs_web_op^;
  if Assigned(_Variables.P_hrs_wqp_analyze_dist_op) then
_Variables.hrs_wqp_analyze_dist_op:= _Variables.P_hrs_wqp_analyze_dist_op^;
  if Assigned(_Variables.P_hrs_wqp_analyze_ep_op) then
_Variables.hrs_wqp_analyze_ep_op:= _Variables.P_hrs_wqp_analyze_ep_op^;
  if Assigned(_Variables.P_hrs_wqp_analyze_ortho_ep_op) then
_Variables.hrs_wqp_analyze_ortho_ep_op:= _Variables.P_hrs_wqp_analyze_ortho_ep_op^;
  if Assigned(_Variables.P_hrs_wqp_analyze_ortho_op) then
_Variables.hrs_wqp_analyze_ortho_op:= _Variables.P_hrs_wqp_analyze_ortho_op^;
  if Assigned(_Variables.P_hrs_wqp_analyze_ph_ep_op) then
_Variables.hrs_wqp_analyze_ph_ep_op:= _Variables.P_hrs_wqp_analyze_ph_ep_op^;
  if Assigned(_Variables.P_hrs_wqp_analyze_ph_op) then
_Variables.hrs_wqp_analyze_ph_op:= _Variables.P_hrs_wqp_analyze_ph_op^;
  if Assigned(_Variables.P_hrs_wqp_dssa_op) then _Variables.hrs_wqp_dssa_op:=
_Variables.P_hrs_wqp_dssa_op^;

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    if Assigned(_Variables.P_hrs_wqp_js) then _Variables.hrs_wqp_js:=
_Variables.P_hrs_wqp_js^;
    if Assigned(_Variables.P_hrs_wqp_op) then _Variables.hrs_wqp_op:=
_Variables.P_hrs_wqp_op^;
    if Assigned(_Variables.P_num_lsl_filter) then _Variables.num_lsl_filter:=
_Variables.P_num_lsl_filter^;
    if Assigned(_Variables.P_num_lsl_replace) then _Variables.num_lsl_replace:=
_Variables.P_num_lsl_replace^;
    if Assigned(_Variables.P_num_lsl_validated) then _Variables.num_lsl_validated:=
_Variables.P_num_lsl_validated^;
    if Assigned(_Variables.P_num_lslr_gal_prev_leadcon_replace) then
_Variables.num_lslr_gal_prev_leadcon_replace:=
_Variables.P_num_lslr_gal_prev_leadcon_replace^;
    if Assigned(_Variables.P_num_lslr_gal_prev_lsl_replace) then
_Variables.num_lslr_gal_prev_lsl_replace:=
_Variables.P_num_lslr_gal_prev_lsl_replace^;
    if Assigned(_Variables.P_num_lslr_leadcon_replace) then
_Variables.num_lslr_leadcon_replace:= _Variables.P_num_lslr_leadcon_replace^;
    if Assigned(_Variables.P_num_lslr_lsl_replace) then
_Variables.num_lslr_lsl_replace:= _Variables.P_num_lslr_lsl_replace^;
    if Assigned(_Variables.P_num_lslr_partial_replace) then
_Variables.num_lslr_partial_replace:= _Variables.P_num_lslr_partial_replace^;
    if Assigned(_Variables.P_num_temp_pou) then _Variables.num_temp_pou:=
_Variables.P_num_temp_pou^;
    if Assigned(_Variables.P_num_unknown_resolved) then
_Variables.num_unknown_resolved:= _Variables.P_num_unknown_resolved^;
    if Assigned(_Variables.P_num_daycares) then _Variables.num_daycares:=
_Variables.P_num_daycares^;
    if Assigned(_Variables.P_num_elem_schools_priv) then
_Variables.num_elem_schools_priv:= _Variables.P_num_elem_schools_priv^;
    if Assigned(_Variables.P_num_elem_schools_pub) then
_Variables.num_elem_schools_pub:= _Variables.P_num_elem_schools_pub^;
    if Assigned(_Variables.P_num_enhance_wqp) then _Variables.num_enhance_wqp:=
_Variables.P_num_enhance_wqp^;
    if Assigned(_Variables.P_num_ep) then _Variables.num_ep:= _Variables.P_num_ep^;
    if Assigned(_Variables.P_num_ep_wqp) then _Variables.num_ep_wqp:=
_Variables.P_num_ep_wqp^;
    if Assigned(_Variables.P_num_ha) then _Variables.num_ha:= _Variables.P_num_ha^;
    if Assigned(_Variables.P_num_hh) then _Variables.num_hh:= _Variables.P_num_hh^;
    if Assigned(_Variables.P_num_lcr_other_org) then _Variables.num_lcr_other_org:=
_Variables.P_num_lcr_other_org^;
    if Assigned(_Variables.P_num_other_request) then _Variables.num_other_request:=
_Variables.P_num_other_request^;
    if Assigned(_Variables.P_num_pou) then _Variables.num_pou:=
_Variables.P_num_pou^;
    if Assigned(_Variables.P_num_reduced_tap) then _Variables.num_reduced_tap:=
_Variables.P_num_reduced_tap^;
    if Assigned(_Variables.P_num_reduced_wqp) then _Variables.num_reduced_wqp:=
_Variables.P_num_reduced_wqp^;
    if Assigned(_Variables.P_num_samp_customer) then _Variables.num_samp_customer:=

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_Variables.P_numbsamp_customer^;
  if Assigned(_Variables.P_numbsamp_five) then _Variables.numbsamp_five:=
_Variables.P_numbsamp_five^;
  if Assigned(_Variables.P_numbsamp_lslr) then _Variables.numbsamp_lslr:=
_Variables.P_numbsamp_lslr^;
  if Assigned(_Variables.P_numbsamp_two) then _Variables.numbsamp_two:=
_Variables.P_numbsamp_two^;
  if Assigned(_Variables.P_numbssecond_schools_priv) then
_Variables.numbssecond_schools_priv:= _Variables.P_numbssecond_schools_priv^;
  if Assigned(_Variables.P_numbssecond_schools_pub) then
_Variables.numbssecond_schools_pub:= _Variables.P_numbssecond_schools_pub^;
  if Assigned(_Variables.P_numbst_sample) then _Variables.numbst_sample:=
_Variables.P_numbst_sample^;
  if Assigned(_Variables.P_numbwqp_sites_added) then
_Variables.numbwqp_sites_added:= _Variables.P_numbwqp_sites_added^;
  if Assigned(_Variables.P_numbwqp_sites_added_prev) then
_Variables.numbwqp_sites_added_prev:= _Variables.P_numbwqp_sites_added_prev^;
  if Assigned(_Variables.P_p_copper_ale) then _Variables.p_copper_ale:=
_Variables.P_p_copper_ale^;
  if Assigned(_Variables.P_p_customer_request) then _Variables.p_customer_request:=
_Variables.P_p_customer_request^;
  if Assigned(_Variables.P_p_incentive) then _Variables.p_incentive:=
_Variables.P_p_incentive^;
  if Assigned(_Variables.P_p_inventory) then _Variables.p_inventory:=
_Variables.P_p_inventory^;
  if Assigned(_Variables.P_p_source_chng) then _Variables.p_source_chng:=
_Variables.P_p_source_chng^;
  if Assigned(_Variables.P_p_source_sig) then _Variables.p_source_sig:=
_Variables.P_p_source_sig^;
  if Assigned(_Variables.P_p_spec_req) then _Variables.p_spec_req:=
_Variables.P_p_spec_req^;
  if Assigned(_Variables.P_p_tap_annual) then _Variables.p_tap_annual:=
_Variables.P_p_tap_annual^;
  if Assigned(_Variables.P_p_tap_nine) then _Variables.p_tap_nine:=
_Variables.P_p_tap_nine^;
  if Assigned(_Variables.P_p_tap_triennial) then _Variables.p_tap_triennial:=
_Variables.P_p_tap_triennial^;
  if Assigned(_Variables.P_p_translation) then _Variables.p_translation:=
_Variables.P_p_translation^;
  if Assigned(_Variables.P_p_translation_phone) then
_Variables.p_translation_phone:= _Variables.P_p_translation_phone^;
  if Assigned(_Variables.P_p_translation_phone_cws) then
_Variables.p_translation_phone_cws:= _Variables.P_p_translation_phone_cws^;
  if Assigned(_Variables.P_p_translation_written_cws) then
_Variables.p_translation_written_cws:= _Variables.P_p_translation_written_cws^;
  if Assigned(_Variables.P_p_treat_change) then _Variables.p_treat_change:=
_Variables.P_p_treat_change^;
  if Assigned(_Variables.P_p_wqp_all) then _Variables.p_wqp_all:=
_Variables.P_p_wqp_all^;
  if Assigned(_Variables.P_p_wqp_annual) then _Variables.p_wqp_annual:=

```

```

_Variables.P_p_wqp_annual^;
  if Assigned(_Variables.P_p_wqp_cond) then _Variables.p_wqp_cond:=
_Variables.P_p_wqp_cond^;
  if Assigned(_Variables.P_p_wqp_six_red) then _Variables.p_wqp_six_red:=
_Variables.P_p_wqp_six_red^;
  if Assigned(_Variables.P_p_wqp_triennial) then _Variables.p_wqp_triennial:=
_Variables.P_p_wqp_triennial^;
  if Assigned(_Variables.P_pbaseph) then _Variables.pbaseph:= _Variables.P_pbaseph^;
  if Assigned(_Variables.P_pbasephpo4) then _Variables.pbasephpo4:=
_Variables.P_pbasephpo4^;
  if Assigned(_Variables.P_pbasepo4) then _Variables.pbasepo4:=
_Variables.P_pbasepo4^;
  if Assigned(_Variables.P_perc_hh_water_wrk) then _Variables.perc_hh_water_wrk:=
_Variables.P_perc_hh_water_wrk^;
  if Assigned(_Variables.P_pp_above_al_bin_one) then
_Variables.pp_above_al_bin_one:= _Variables.P_pp_above_al_bin_one^;
  if Assigned(_Variables.P_pp_above_al_bin_three) then
_Variables.pp_above_al_bin_three:= _Variables.P_pp_above_al_bin_three^;
  if Assigned(_Variables.P_pp_childcare_onreq_waiver) then
_Variables.pp_childcare_onreq_waiver:= _Variables.P_pp_childcare_onreq_waiver^;
  if Assigned(_Variables.P_pp_commercial_samp) then _Variables.pp_commercial_samp:=
_Variables.P_pp_commercial_samp^;
  if Assigned(_Variables.P_pp_commercial_samp_school) then
_Variables.pp_commercial_samp_school:= _Variables.P_pp_commercial_samp_school^;
  if Assigned(_Variables.P_pp_customer_request) then
_Variables.pp_customer_request:= _Variables.P_pp_customer_request^;
  if Assigned(_Variables.P_pp_grandfather_mand_child) then
_Variables.pp_grandfather_mand_child:= _Variables.P_pp_grandfather_mand_child^;
  if Assigned(_Variables.P_pp_hh_request_lslr) then _Variables.pp_hh_request_lslr:=
_Variables.P_pp_hh_request_lslr^;
  if Assigned(_Variables.P_pp_hh_return_samp) then _Variables.pp_hh_return_samp:=
_Variables.P_pp_hh_return_samp^;
  if Assigned(_Variables.P_pp_lab_samp) then _Variables.pp_lab_samp:=
_Variables.P_pp_lab_samp^;
  if Assigned(_Variables.P_pp_lab_samp_school) then _Variables.pp_lab_samp_school:=
_Variables.P_pp_lab_samp_school^;
  if Assigned(_Variables.P_pp_lslr_cap_emerg) then _Variables.pp_lslr_cap_emerg:=
_Variables.P_pp_lslr_cap_emerg^;
  if Assigned(_Variables.P_pp_mand_twenty_partic) then
_Variables.pp_mand_twenty_partic:= _Variables.P_pp_mand_twenty_partic^;
  if Assigned(_Variables.P_pp_priv_elem_mand_waiver) then
_Variables.pp_priv_elem_mand_waiver:= _Variables.P_pp_priv_elem_mand_waiver^;
  if Assigned(_Variables.P_pp_priv_elem_onreq_waiver) then
_Variables.pp_priv_elem_onreq_waiver:= _Variables.P_pp_priv_elem_onreq_waiver^;
  if Assigned(_Variables.P_pp_priv_second_onreq1_waiver) then
_Variables.pp_priv_second_onreq1_waiver:=
_Variables.P_pp_priv_second_onreq1_waiver^;
  if Assigned(_Variables.P_pp_priv_second_onreq2_waiver) then
_Variables.pp_priv_second_onreq2_waiver:=
_Variables.P_pp_priv_second_onreq2_waiver^;

```



```

    if Assigned(_Variables.P_pp_pub_elem_mand_waiver) then
    _Variables.pp_pub_elem_mand_waiver:= _Variables.P_pp_pub_elem_mand_waiver^;
    if Assigned(_Variables.P_pp_pub_elem_onreq_waiver) then
    _Variables.pp_pub_elem_onreq_waiver:= _Variables.P_pp_pub_elem_onreq_waiver^;
    if Assigned(_Variables.P_pp_pub_second_onreq1_waiver) then
    _Variables.pp_pub_second_onreq1_waiver:= _Variables.P_pp_pub_second_onreq1_waiver^;
    if Assigned(_Variables.P_pp_pub_second_onreq2_waiver) then
    _Variables.pp_pub_second_onreq2_waiver:= _Variables.P_pp_pub_second_onreq2_waiver^;
    if Assigned(_Variables.P_pp_samp_invalid) then _Variables.pp_samp_invalid:=
    _Variables.P_pp_samp_invalid^;
    if Assigned(_Variables.P_pp_samp_reject) then _Variables.pp_samp_reject:=
    _Variables.P_pp_samp_reject^;
    if Assigned(_Variables.P_pp_voluntary_partic) then
    _Variables.pp_voluntary_partic:= _Variables.P_pp_voluntary_partic^;
    if Assigned(_Variables.P_pws_cct) then _Variables.pws_cct:= _Variables.P_pws_cct^;
    if Assigned(_Variables.P_pws_lsl) then _Variables.pws_lsl:= _Variables.P_pws_lsl^;
    if Assigned(_Variables.P_pws_pop) then _Variables.pws_pop:= _Variables.P_pws_pop^;
    if Assigned(_Variables.P_rate_js) then _Variables.rate_js:= _Variables.P_rate_js^;
    if Assigned(_Variables.P_rate_op) then _Variables.rate_op:= _Variables.P_rate_op^;
    if Assigned(_Variables.P_school_3a) then _Variables.school_3a:=
    _Variables.P_school_3a^;
    if Assigned(_Variables.P_system_pou) then _Variables.system_pou:=
    _Variables.P_system_pou^;

```

end;

```

procedure TLSRCompiledCostOption._Evaluate(const Yr : integer);
begin

```

```

    _Reset(False);
    _LoadVars();
    with _Variables do begin

```

```

        //system_read row: 2
        _Cost[0] := (hrs_read_rule_op*rate_op);
        inc(TotEval);
        _OM[0] := 0;
        inc(TotEval);

```

```

        //system_assign row: 3
        _Cost[1] := (hrs_assign_staff_imp_op*rate_op);
        inc(TotEval);
        _OM[1] := 0;
        inc(TotEval);

```

```

        //system_attend_train row: 7
        _Cost[5] := (hrs_initial_ta_op*rate_op);
        inc(TotEval);
        _OM[5] := 0;
        inc(TotEval);

```

```

//system_sm_flex row: 13
_Cost[11] := (hrs_sm_flex_option_op*rate_op);
  inc(TotEval);
_OM[11] := 0;
inc(TotEval);

//state_sm_flex row: 14
_Cost[12] := (hrs_sm_flex_option_js*rate_js);
  inc(TotEval);
_OM[12] := 0;
inc(TotEval);

//state_rev_samp_plan row: 15
_CalcCost[13] := pws_lsl;
inc(TotEval);
if _CalcCost[13] > 0 then begin
  _Cost[13] := (hrs_rev_samp_plan_js*rate_js);
  inc(TotEval);
  _OM[13] := 0;
inc(TotEval);
end;

//state_rev_bin_samp row: 16
_Cost[14] := (hrs_initial_tap_rev_js*rate_js);
  inc(TotEval);
_OM[14] := 0;
inc(TotEval);

//system_new_tap_samp row: 17
_CalcCost[15] := pws_lsl;
inc(TotEval);
if _CalcCost[15] > 0 then begin
  _Cost[15] := (hrs_add_lsl_samp_op*rate_op);
  inc(TotEval);
  _OM[15] := 0;
inc(TotEval);
end;

//state_review_cct row: 18
_CalcCost[16] := pws_cct;
inc(TotEval);
if _CalcCost[16] > 0 then begin
  _Cost[16] := (hrs_cct_review_js*rate_js);
  inc(TotEval);
  _OM[16] := 0;
inc(TotEval);
end;

//state_sanitary_three_guide row: 19
_CalcCost[17] := (1-p_spec_req)*pws_cct;

```

```

inc(TotEval);
if _CalcCost[17] > 0 then begin
    _Cost[17] := (hrs_sanit_surv_js*rate_js);
    inc(TotEval);
    _OM[17] := 0;
inc(TotEval);
end;

//state_sanitary_five_guide row: 20
_CalcCost[18] := p_spec_req*pws_cct;
inc(TotEval);
if _CalcCost[18] > 0 then begin
    _Cost[18] := (hrs_sanit_surv_js*rate_js);
    inc(TotEval);
    _OM[18] := 0;
inc(TotEval);
end;

//system_sanitary_three_guide row: 21
_CalcCost[19] := (1-p_spec_req)*pws_cct;
inc(TotEval);
if _CalcCost[19] > 0 then begin
    _Cost[19] := (hrs_sanit_surv_op*rate_op)+(hrs_rev_cct_op*rate_op);
    inc(TotEval);
    _OM[19] := 0;
inc(TotEval);
end;

//system_sanitary_five_guide row: 22
_CalcCost[20] := p_spec_req*pws_cct;
inc(TotEval);
if _CalcCost[20] > 0 then begin
    _Cost[20] := (hrs_sanit_surv_op*rate_op)+(hrs_rev_cct_op*rate_op);
    inc(TotEval);
    _OM[20] := 0;
inc(TotEval);
end;

//system_collect_wqp_above_15_r1_b3 row: 23
_CalcCost[21] := pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[21] > 0 then begin
    _Cost[21] :=
(pp_above_al_bin_three*(2*numb_samp_customer))*((hrs_samp_above_al_op*rate_op)+cost_
samp_above_al);
    inc(TotEval);
    _OM[21] := 0;
inc(TotEval);
end;

```

```

//system_analyze_tap_ff_r1_b3 row: 24
_CalcCost[22] := (1-b_state_two)*pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[22] > 0 then begin
    _Cost[22] :=
(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*
rate_op)+cost_lab_lt_samp))+(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_comm
ercial_samp)*cost_commercial_lab);
    inc(TotEval);
    _OM[22] := 0;
    inc(TotEval);
end;

//state_analyze_tap_ff_r1_b3 row: 25
_CalcCost[23] := b_state_two*pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[23] > 0 then begin
    _Cost[23] :=
(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*
rate_op)+cost_lab_lt_samp))+(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_comm
ercial_samp)*cost_commercial_lab);
    inc(TotEval);
    _OM[23] := 0;
    inc(TotEval);
end;

//system_provide_pe_copy_15_r1_b3 row: 26
_CalcCost[24] := pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[24] > 0 then begin
    _Cost[24] := 2*(hrs_samp_notice_op*rate_op);
    inc(TotEval);
    _OM[24] := 0;
    inc(TotEval);
end;

//state_review_pe_copy_15_r1_b3 row: 27
_CalcCost[25] := pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[25] > 0 then begin
    _Cost[25] := 2*(hrs_samp_notice_js*rate_js);
    inc(TotEval);
    _OM[25] := 0;
    inc(TotEval);
end;

//system_collect_wqp_above_15_r1_b1 row: 28
_CalcCost[26] := pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[26] > 0 then begin

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        _Cost[26] :=
(pp_above_al_bin_one*(2*numb_samp_customer))*((hrs_samp_above_al_op*rate_op)+cost_samp_above_al);
        inc(TotEval);
        _OM[26] := 0;
        inc(TotEval);
        end;

//system_analyze_tap_ff_r1_b1 row: 29
_CalcCost[27] := (1-b_state_two)*pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[27] > 0 then begin
    _Cost[27] :=
(((pp_above_al_bin_one*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((pp_above_al_bin_one*(2*numb_samp_customer))*pp_commercial_samp)*cost_commercial_lab);
    inc(TotEval);
    _OM[27] := 0;
    inc(TotEval);
    end;

//state_analyze_tap_ff_r1_b1 row: 30
_CalcCost[28] := b_state_two*pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[28] > 0 then begin
    _Cost[28] :=
(((pp_above_al_bin_one*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((pp_above_al_bin_one*(2*numb_samp_customer))*pp_commercial_samp)*cost_commercial_lab);
    inc(TotEval);
    _OM[28] := 0;
    inc(TotEval);
    end;

//system_provide_pe_copy_15_r1_b1 row: 31
_CalcCost[29] := pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[29] > 0 then begin
    _Cost[29] := 2*(hrs_samp_notice_op*rate_op);
    inc(TotEval);
    _OM[29] := 0;
    inc(TotEval);
    end;

//state_review_pe_copy_15_r1_b1 row: 32
_CalcCost[30] := pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[30] > 0 then begin
    _Cost[30] := 2*(hrs_samp_notice_js*rate_js);
    inc(TotEval);

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```

    _OM[30] := 0;
    inc(TotEval);
end;

//system_collect_ph_wqp_ale_no_cct_ff_r1 row: 33
_CalcCost[31] := (1-pws_cct)*pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[31] > 0 then begin
    _Cost[31] :=
(numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material);
    inc(TotEval);
    _OM[31] := 0;
    inc(TotEval);
end;

//system_analyze_ph_wqp_ale_no_cct_ff_r1 row: 34
_CalcCost[32] := (1-pws_cct)*pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[32] > 0 then begin
    _Cost[32] :=
((((numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_dist_op*rate_op)+cost_wqp_a
nalyze))+(((numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_wqp));
    inc(TotEval);
    _OM[32] := 0;
    inc(TotEval);
end;

//system_collect_wqp_ff_ph_r1 row: 35
_CalcCost[33] := pbaseph*pws_cct*pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[33] > 0 then begin
    _Cost[33] :=
(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ph);
    inc(TotEval);
    _OM[33] := 0;
    inc(TotEval);
end;

//system_collect_wqp_ff_ortho_r1 row: 36
_CalcCost[34] := (pbasepo4+pbasephpo4)*pws_cct*pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[34] > 0 then begin
    _Cost[34] :=
(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ortho);
    inc(TotEval);
    _OM[34] := 0;
    inc(TotEval);
end;

//system_analyze_wqp_above_15_ph_r1 row: 37

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```

_CalcCost[35] := pws_cct*pbaseph*pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[35] > 0 then begin
    _Cost[35] :=
((2*numb_wqp_sites_added*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_ph_a
nalyze))+(2*numb_wqp_sites_added*pp_commercial_samp*cost_lab_ph_wqp);
    inc(TotEval);
    _OM[35] := 0;
inc(TotEval);
end;

//system_analyze_wqp_above_15_ortho_r1 row: 38
_CalcCost[36] := pws_cct*(pbasepo4+pbasephpo4)*pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[36] > 0 then begin
    _Cost[36] :=
((((2*numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wq
p_ortho_analyze))+(((2*numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_ortho_wqp)
);
    inc(TotEval);
    _OM[36] := 0;
inc(TotEval);
end;

//system_investig_findfix_r1 row: 39
_CalcCost[37] := pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[37] > 0 then begin
    _Cost[37] := (hrs_deter_dssa_op*rate_op);
    inc(TotEval);
    _OM[37] := 0;
inc(TotEval);
end;

//system_report_findfix_r1 row: 40
_CalcCost[38] := pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[38] > 0 then begin
    _Cost[38] := (hrs_report_dssa_op*rate_op);
    inc(TotEval);
    _OM[38] := 0;
inc(TotEval);
end;

//state_review_findfix_r1 row: 41
_CalcCost[39] := pws_lsl*(1-system_pou);
inc(TotEval);
if _CalcCost[39] > 0 then begin
    _Cost[39] := (hrs_report_dssa_js*rate_js);
    inc(TotEval);

```

```

    _OM[39] := 0;
    inc(TotEval);
end;

//system_consult_findfix_r1 row: 42
_CalcCost[40] := pws_lsl*pws_cct*(1-system_pou);
inc(TotEval);
if _CalcCost[40] > 0 then begin
    _Cost[40] := (hrs_consult_dssa_op*rate_op);
    inc(TotEval);
    _OM[40] := 0;
    inc(TotEval);
end;

//state_consult_findfix_r1 row: 43
_CalcCost[41] := pws_lsl*pws_cct*(1-system_pou);
inc(TotEval);
if _CalcCost[41] > 0 then begin
    _Cost[41] := (hrs_consult_dssa_js*rate_js);
    inc(TotEval);
    _OM[41] := 0;
    inc(TotEval);
end;

//system_collect_wqp_above_15_r1_nolsl_b3 row: 44
_CalcCost[42] :=
(1-pws_lsl)*(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou);
inc(TotEval);
if _CalcCost[42] > 0 then begin
    _Cost[42] :=
(pp_above_al_bin_three*(2*numb_samp_customer))*((hrs_samp_above_al_op*rate_op)+cost_
samp_above_al);
    inc(TotEval);
    _OM[42] := 0;
    inc(TotEval);
end;

//system_analyze_tap_ff_r1_nolsl_b3 row: 45
_CalcCost[43] :=
(1-b_state_two)*(1-pws_lsl)*(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_
pou);
inc(TotEval);
if _CalcCost[43] > 0 then begin
    _Cost[43] :=
(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*
rate_op)+cost_lab_lt_samp))+(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_comm
ercial_samp)*cost_commercial_lab);
    inc(TotEval);
    _OM[43] := 0;
    inc(TotEval);
end;

```



```

end;

//state_analyze_tap_ff_r1_nolsl_b3 row: 46
_CalcCost[44] :=
b_state_two*(1-pws_lsl)*(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)
;
inc(TotEval);
if _CalcCost[44] > 0 then begin
    _Cost[44] :=
(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*
rate_op)+cost_lab_lt_samp))+(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_comm
ercial_samp)*cost_commercial_lab);
    inc(TotEval);
    _OM[44] := 0;
    inc(TotEval);
end;

//system_provide_pe_copy_15_nolsl_b3 row: 47
_CalcCost[45] :=
(1-pws_lsl)*(1-system_pou)*(1-(p_tap_annual+p_tap_triennial+p_tap_nine));
inc(TotEval);
if _CalcCost[45] > 0 then begin
    _Cost[45] := 2*(hrs_samp_notice_op*rate_op);
    inc(TotEval);
    _OM[45] := 0;
    inc(TotEval);
end;

//state_review_pe_copy_15_r1_nolsl_b3 row: 48
_CalcCost[46] :=
(1-pws_lsl)*(1-system_pou)*(1-(p_tap_annual+p_tap_triennial+p_tap_nine));
inc(TotEval);
if _CalcCost[46] > 0 then begin
    _Cost[46] := 2*(hrs_samp_notice_js*rate_js);
    inc(TotEval);
    _OM[46] := 0;
    inc(TotEval);
end;

//system_collect_wqp_above_15_r1_nolsl_red row: 49
_CalcCost[47] := (1-pws_lsl)*p_tap_triennial*(1-system_pou);
inc(TotEval);
if _CalcCost[47] > 0 then begin
    _Cost[47] :=
(pp_above_al_bin_three*numb_reduced_tap)*((hrs_samp_above_al_op*rate_op)+cost_samp_a
bove_al);
    inc(TotEval);
    _OM[47] := 0;
    inc(TotEval);
end;

```

```

//system_analyze_tap_ff_r1_nolsl_red row: 50
_CalcCost[48] := (1-b_state_two)*(1-pws_lsl)*p_tap_triennial*(1-system_pou);
inc(TotEval);
if _CalcCost[48] > 0 then begin
    _Cost[48] :=
(((pp_above_al_bin_three*numb_reduced_tap)*pp_lab_samp)*((hrs_analyze_samp_op*rate_o
p)+cost_lab_lt_samp))+(((pp_above_al_bin_three*numb_reduced_tap)*pp_commercial_samp)
*cost_commercial_lab);
    inc(TotEval);
    _OM[48] := 0;
inc(TotEval);
end;

//state_analyze_tap_ff_r1_nolsl_red row: 51
_CalcCost[49] := b_state_two*(1-pws_lsl)*p_tap_triennial*(1-system_pou);
inc(TotEval);
if _CalcCost[49] > 0 then begin
    _Cost[49] :=
(((pp_above_al_bin_three*numb_reduced_tap)*pp_lab_samp)*((hrs_analyze_samp_op*rate_o
p)+cost_lab_lt_samp))+(((pp_above_al_bin_three*numb_reduced_tap)*pp_commercial_samp)
*cost_commercial_lab);
    inc(TotEval);
    _OM[49] := 0;
inc(TotEval);
end;

//system_provide_pe_copy_15_r1_nolsl_red row: 52
_CalcCost[50] := (1-pws_lsl)*p_tap_triennial*(1-system_pou);
inc(TotEval);
if _CalcCost[50] > 0 then begin
    _Cost[50] := (hrs_samp_notice_op*rate_op);
    inc(TotEval);
    _OM[50] := 0;
inc(TotEval);
end;

//state_review_pe_copy_15_r1_nolsl_red row: 53
_CalcCost[51] := (1-pws_lsl)*p_tap_triennial*(1-system_pou);
inc(TotEval);
if _CalcCost[51] > 0 then begin
    _Cost[51] := (hrs_samp_notice_js*rate_js);
    inc(TotEval);
    _OM[51] := 0;
inc(TotEval);
end;

//system_collect_wqp_above_15_r1_nolsl row: 54
_CalcCost[52] := (1-pws_lsl)*p_tap_annual*(1-system_pou);
inc(TotEval);

```

```

    if _CalcCost[52] > 0 then begin
        _Cost[52] :=
(pp_above_al_bin_three*numb_samp_customer)*((hrs_samp_above_al_op*rate_op)+cost_samp
_above_al);
        inc(TotEval);
        _OM[52] := 0;
        inc(TotEval);
    end;

    //system_analyze_tap_ff_r1_nolsl row: 55
    _CalcCost[53] := (1-b_state_two)*(1-pws_lsl)*p_tap_annual*(1-system_pou);
    inc(TotEval);
    if _CalcCost[53] > 0 then begin
        _Cost[53] :=
(((pp_above_al_bin_three*numb_samp_customer)*pp_lab_samp)*((hrs_analyze_samp_op*rate
_op)+cost_lab_lt_samp))+(((pp_above_al_bin_three*numb_samp_customer)*pp_commercial_s
amp)*cost_commercial_lab);
        inc(TotEval);
        _OM[53] := 0;
        inc(TotEval);
    end;

    //state_analyze_tap_ff_r1_nolsl row: 56
    _CalcCost[54] := b_state_two*(1-pws_lsl)*p_tap_annual*(1-system_pou);
    inc(TotEval);
    if _CalcCost[54] > 0 then begin
        _Cost[54] :=
(((pp_above_al_bin_three*numb_samp_customer)*pp_lab_samp)*((hrs_analyze_samp_op*rate
_op)+cost_lab_lt_samp))+(((pp_above_al_bin_three*numb_samp_customer)*pp_commercial_s
amp)*cost_commercial_lab);
        inc(TotEval);
        _OM[54] := 0;
        inc(TotEval);
    end;

    //system_provide_pe_copy_15_r1_nolsl row: 57
    _CalcCost[55] := (1-pws_lsl)*p_tap_annual*(1-system_pou);
    inc(TotEval);
    if _CalcCost[55] > 0 then begin
        _Cost[55] := (hrs_samp_notice_op*rate_op);
        inc(TotEval);
        _OM[55] := 0;
        inc(TotEval);
    end;

    //state_review_pe_copy_15_r1_nolsl row: 58
    _CalcCost[56] := (1-pws_lsl)*p_tap_annual*(1-system_pou);
    inc(TotEval);
    if _CalcCost[56] > 0 then begin
        _Cost[56] := (hrs_samp_notice_js*rate_js);

```

```

        inc(TotEval);
        _OM[56] := 0;
    inc(TotEval);
end;

//system_collect_wqp_above_15_r1_nolsl_b1 row: 59
_CalcCost[57] := (1-pws_lsl)*(1-system_pou);
inc(TotEval);
if _CalcCost[57] > 0 then begin
    _Cost[57] :=
(pp_above_al_bin_one*(2*numb_samp_customer))*((hrs_samp_above_al_op*rate_op)+cost_samp_above_al);
    inc(TotEval);
    _OM[57] := 0;
    inc(TotEval);
end;

//system_analyze_tap_ff_r1_nolsl_b1 row: 60
_CalcCost[58] := (1-b_state_two)*(1-pws_lsl)*(1-system_pou);
inc(TotEval);
if _CalcCost[58] > 0 then begin
    _Cost[58] :=
(((pp_above_al_bin_one*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((pp_above_al_bin_one*(2*numb_samp_customer))*pp_commercial_samp)*cost_commercial_lab);
    inc(TotEval);
    _OM[58] := 0;
    inc(TotEval);
end;

//state_analyze_tap_ff_r1_nolsl_b1 row: 61
_CalcCost[59] := b_state_two*(1-pws_lsl)*(1-system_pou);
inc(TotEval);
if _CalcCost[59] > 0 then begin
    _Cost[59] :=
(((pp_above_al_bin_one*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((pp_above_al_bin_one*(2*numb_samp_customer))*pp_commercial_samp)*cost_commercial_lab);
    inc(TotEval);
    _OM[59] := 0;
    inc(TotEval);
end;

//system_provide_pe_copy_15_nolsl_b1 row: 62
_CalcCost[60] := (1-pws_lsl)*(1-system_pou);
inc(TotEval);
if _CalcCost[60] > 0 then begin
    _Cost[60] := 2*(hrs_samp_notice_op*rate_op);
    inc(TotEval);
    _OM[60] := 0;
end;

```

```

inc(TotEval);
end;

//state_review_pe_copy_15_nolsl_b1 row: 63
_CalcCost[61] := (1-pws_lsl)*(1-system_pou);
inc(TotEval);
if _CalcCost[61] > 0 then begin
    _Cost[61] := 2*(hrs_samp_notice_js*rate_js);
    inc(TotEval);
    _OM[61] := 0;
inc(TotEval);
end;

//system_collect_ph_wqp_ale_no_cct_ff_r1_nolsl row: 64
_CalcCost[62] := (1-pws_cct)*(1-pws_lsl)*(1-system_pou);
inc(TotEval);
if _CalcCost[62] > 0 then begin
    _Cost[62] :=
(numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material);
    inc(TotEval);
    _OM[62] := 0;
inc(TotEval);
end;

//system_analyze_ph_wqp_ale_no_cct_ff_r1_nolsl row: 65
_CalcCost[63] := (1-pws_cct)*(1-pws_lsl)*(1-system_pou);
inc(TotEval);
if _CalcCost[63] > 0 then begin
    _Cost[63] :=
((((numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_dist_op*rate_op)+cost_wqp_a
nalyze))+(((numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_wqp));
    inc(TotEval);
    _OM[63] := 0;
inc(TotEval);
end;

//system_collect_wqp_ff_ph_r1_nolsl row: 66
_CalcCost[64] := pbaseph*pws_cct*(1-pws_lsl)*(1-system_pou);
inc(TotEval);
if _CalcCost[64] > 0 then begin
    _Cost[64] :=
(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ph);
    inc(TotEval);
    _OM[64] := 0;
inc(TotEval);
end;

//system_collect_wqp_ff_ortho_r1_nolsl row: 67
_CalcCost[65] := (pbasepo4+pbasephpo4)*pws_cct*(1-pws_lsl)*(1-system_pou);
inc(TotEval);

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    if _CalcCost[65] > 0 then begin
        _Cost[65] :=
(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ortho);
        inc(TotEval);
        _OM[65] := 0;
        inc(TotEval);
        end;

    //system_analyze_wqp_above_15_ph_r1_nolsl row: 68
    _CalcCost[66] := pws_cct*pbaseph*(1-pws_lsl)*(1-system_pou);
    inc(TotEval);
    if _CalcCost[66] > 0 then begin
        _Cost[66] :=
((2*numb_wqp_sites_added*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_ph_a
nalyze))+(2*numb_wqp_sites_added*pp_commercial_samp*cost_lab_ph_wqp);
        inc(TotEval);
        _OM[66] := 0;
        inc(TotEval);
        end;

    //system_analyze_wqp_above_15_ortho_r1_nolsl row: 69
    _CalcCost[67] := pws_cct*(pbasepo4+pbasephpo4)*(1-pws_lsl)*(1-system_pou);
    inc(TotEval);
    if _CalcCost[67] > 0 then begin
        _Cost[67] :=
((((2*numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wq
p_ortho_analyze))+(((2*numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_ortho_wqp)
);
        inc(TotEval);
        _OM[67] := 0;
        inc(TotEval);
        end;

    //system_investig_findfix_r1_nolsl row: 70
    _CalcCost[68] := (1-pws_lsl)*(1-system_pou);
    inc(TotEval);
    if _CalcCost[68] > 0 then begin
        _Cost[68] := (hrs_deter_dssa_op*rate_op);
        inc(TotEval);
        _OM[68] := 0;
        inc(TotEval);
        end;

    //system_report_findfix_r1_nolsl row: 71
    _CalcCost[69] := (1-pws_lsl)*(1-system_pou);
    inc(TotEval);
    if _CalcCost[69] > 0 then begin
        _Cost[69] := (hrs_report_dssa_op*rate_op);
        inc(TotEval);
        _OM[69] := 0;
    
```

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inc(TotEval);
end;

//state_review_findfix row: 72
_CalcCost[70] := (1-pws_lsl)*(1-system_pou);
inc(TotEval);
if _CalcCost[70] > 0 then begin
    _Cost[70] := (hrs_report_dssa_js*rate_js);
    inc(TotEval);
    _OM[70] := 0;
inc(TotEval);
end;

//system_consult_findfix_r1_nolsl row: 73
_CalcCost[71] := (1-pws_lsl)*pws_cct*(1-system_pou);
inc(TotEval);
if _CalcCost[71] > 0 then begin
    _Cost[71] := (hrs_consult_dssa_op*rate_op);
    inc(TotEval);
    _OM[71] := 0;
inc(TotEval);
end;

//state_consult_findfix_r1_nolsl row: 74
_CalcCost[72] := (1-pws_lsl)*pws_cct*(1-system_pou);
inc(TotEval);
if _CalcCost[72] > 0 then begin
    _Cost[72] := (hrs_consult_dssa_js*rate_js);
    inc(TotEval);
    _OM[72] := 0;
inc(TotEval);
end;

//system_collect_wqp_above_15_b3 row: 75
_CalcCost[73] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-(p_source_chng+p_treat_change))*(1-
system_pou);
inc(TotEval);
if _CalcCost[73] > 0 then begin
    _Cost[73] :=
(pp_above_al_bin_three*(2*numb_samp_customer))*((hrs_samp_above_al_op*rate_op)+cost_
samp_above_al);
    inc(TotEval);
    _OM[73] := 0;
inc(TotEval);
end;

//system_analyze_tap_ff_b3 row: 76
_CalcCost[74] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-b_state_two)*(1-(p_source_chng+p_tr

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eat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[74] > 0 then begin
        _Cost[74] :=
(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*
rate_op)+cost_lab_lt_samp))+(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_comm
ercial_samp)*cost_commercial_lab);
        inc(TotEval);
        _OM[74] := 0;
        inc(TotEval);
    end;

    //state_analyze_tap_ff_b3 row: 77
    _CalcCost[75] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*b_state_two*(1-(p_source_chng+p_treat_
change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[75] > 0 then begin
        _Cost[75] :=
(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*
rate_op)+cost_lab_lt_samp))+(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_comm
ercial_samp)*cost_commercial_lab);
        inc(TotEval);
        _OM[75] := 0;
        inc(TotEval);
    end;

    //system_provide_pe_copy_15_b3 row: 78
    _CalcCost[76] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-(p_source_chng+p_treat_change))*(1-
system_pou);
    inc(TotEval);
    if _CalcCost[76] > 0 then begin
        _Cost[76] := 2*(hrs_samp_notice_op*rate_op);
        inc(TotEval);
        _OM[76] := 0;
        inc(TotEval);
    end;

    //state_review_pe_copy_15_b3 row: 79
    _CalcCost[77] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-(p_source_chng+p_treat_change))*(1-
system_pou);
    inc(TotEval);
    if _CalcCost[77] > 0 then begin
        _Cost[77] := 2*(hrs_samp_notice_js*rate_js);
        inc(TotEval);
        _OM[77] := 0;
        inc(TotEval);
    end;

```



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//system_collect_ph_wqp_ale_no_cct_ff row: 80
_CalcCost[78] :=
(1-pws_cct)*(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-(p_source_chng+p_treat_
change))*(1-system_pou);
inc(TotEval);
if _CalcCost[78] > 0 then begin
    _Cost[78] :=
(numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material);
    inc(TotEval);
    _OM[78] := 0;
    inc(TotEval);
end;

//system_analyze_ph_wqp_ale_no_cct_ff row: 81
_CalcCost[79] :=
(1-pws_cct)*(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-(p_source_chng+p_treat_
change))*(1-system_pou);
inc(TotEval);
if _CalcCost[79] > 0 then begin
    _Cost[79] :=
((((numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_dist_op*rate_op)+cost_wqp_a
nalyze))+((numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_wqp));
    inc(TotEval);
    _OM[79] := 0;
    inc(TotEval);
end;

//system_collect_wqp_ff_ph_b3 row: 82
_CalcCost[80] :=
pbaseph*pws_cct*(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-(p_source_chng+p_tr
eat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[80] > 0 then begin
    _Cost[80] :=
(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ph);
    inc(TotEval);
    _OM[80] := 0;
    inc(TotEval);
end;

//system_collect_wqp_ff_ortho_b3 row: 83
_CalcCost[81] :=
(pbasepo4+pbasephpo4)*pws_cct*(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-(p_so
urce_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[81] > 0 then begin
    _Cost[81] :=
(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ortho);
    inc(TotEval);

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    _OM[81] := 0;
    inc(TotEval);
end;

//system_analyze_wqp_above_15_ph_b3 row: 84
    _CalcCost[82] :=
pws_cct*pbaseph*(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-(p_source_chng+p_tr
eat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[82] > 0 then begin
        _Cost[82] :=
((2*numb_wqp_sites_added*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_ph_a
nalyze))+(2*numb_wqp_sites_added*pp_commercial_samp*cost_lab_ph_wqp);
        inc(TotEval);
        _OM[82] := 0;
        inc(TotEval);
    end;

//system_analyze_wqp_above_15_ortho_b3 row: 85
    _CalcCost[83] :=
pws_cct*(pbasepo4+pbasephpo4)*(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-(p_so
urce_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[83] > 0 then begin
        _Cost[83] :=
((((2*numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wq
p_ortho_analyze))+(((2*numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_ortho_wqp)
);
        inc(TotEval);
        _OM[83] := 0;
        inc(TotEval);
    end;

//system_collect_wqp_above_15_b3_annual row: 86
    _CalcCost[84] := p_tap_annual*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[84] > 0 then begin
        _Cost[84] :=
(pp_above_al_bin_three*numb_samp_customer)*((hrs_samp_above_al_op*rate_op)+cost_samp
_above_al);
        inc(TotEval);
        _OM[84] := 0;
        inc(TotEval);
    end;

//system_analyze_tap_ff_b3_annual row: 87
    _CalcCost[85] :=
p_tap_annual*(1-b_state_two)*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[85] > 0 then begin

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        _Cost[85] :=
(((pp_above_al_bin_three*numb_samp_customer)*pp_lab_samp)*((hrs_analyze_samp_op*rate
_op)+cost_lab_lt_samp))+(((pp_above_al_bin_three*numb_samp_customer)*pp_commercial_s
amp)*cost_commercial_lab);
        inc(TotEval);
        _OM[85] := 0;
        inc(TotEval);
        end;

//state_analyze_tap_ff_b3_annual row: 88
        _CalcCost[86] :=
p_tap_annual*b_state_two*(1-(p_source_chng+p_treat_change))*(1-system_pou);
        inc(TotEval);
        if _CalcCost[86] > 0 then begin
            _Cost[86] :=
(((pp_above_al_bin_three*numb_samp_customer)*pp_lab_samp)*((hrs_analyze_samp_op*rate
_op)+cost_lab_lt_samp))+(((pp_above_al_bin_three*numb_samp_customer)*pp_commercial_s
amp)*cost_commercial_lab);
            inc(TotEval);
            _OM[86] := 0;
            inc(TotEval);
        end;

//system_provide_pe_copy_15_annual row: 89
        _CalcCost[87] := p_tap_annual*(1-(p_source_chng+p_treat_change))*(1-system_pou);
        inc(TotEval);
        if _CalcCost[87] > 0 then begin
            _Cost[87] := (hrs_samp_notice_js*rate_js);
            inc(TotEval);
            _OM[87] := 0;
            inc(TotEval);
        end;

//state_review_pe_copy_15_annual row: 90
        _CalcCost[88] := p_tap_annual*(1-(p_source_chng+p_treat_change))*(1-system_pou);
        inc(TotEval);
        if _CalcCost[88] > 0 then begin
            _Cost[88] := (hrs_samp_notice_js*rate_js);
            inc(TotEval);
            _OM[88] := 0;
            inc(TotEval);
        end;

//system_collect_ph_wqp_ale_no_cct_ff_annual row: 91
        _CalcCost[89] :=
(1-pws_cct)*p_tap_annual*(1-(p_source_chng+p_treat_change))*(1-system_pou);
        inc(TotEval);
        if _CalcCost[89] > 0 then begin
            _Cost[89] :=
(numw_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material);

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        inc(TotEval);
        _OM[89] := 0;
    inc(TotEval);
end;

//system_analyze_ph_wqp_ale_no_cct_ff_annual row: 92
_CalcCost[90] :=
(1-pws_cct)*p_tap_annual*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[90] > 0 then begin
    _Cost[90] :=
(((numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_dist_op*rate_op)+cost_wqp_a
nalyze))+(((numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_wqp));
    inc(TotEval);
    _OM[90] := 0;
inc(TotEval);
end;

//system_collect_wqp_ff_ph_b3_annual row: 93
_CalcCost[91] :=
pbaseph*pws_cct*p_tap_annual*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[91] > 0 then begin
    _Cost[91] :=
(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ph);
    inc(TotEval);
    _OM[91] := 0;
inc(TotEval);
end;

//system_collect_wqp_ff_ortho_b3_annual row: 94
_CalcCost[92] :=
(pbasepo4+pbasephpo4)*pws_cct*p_tap_annual*(1-(p_source_chng+p_treat_change))*(1-sys
tem_pou);
inc(TotEval);
if _CalcCost[92] > 0 then begin
    _Cost[92] :=
(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ortho);
    inc(TotEval);
    _OM[92] := 0;
inc(TotEval);
end;

//system_analyze_wqp_above_15_ph_b3_annual row: 95
_CalcCost[93] :=
pws_cct*pbaseph*p_tap_annual*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[93] > 0 then begin
    _Cost[93] :=
((((2*numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_p

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h_analyze))+(((2*numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_ph_wqp));
    inc(TotEval);
    _OM[93] := 0;
    inc(TotEval);
end;

//system_analyze_wqp_above_15_ortho_b3_annual row: 96
_CalcCost[94] :=
pws_cct*(pbasepo4+pbasephpo4)*p_tap_annual*(1-(p_source_chng+p_treat_change))*(1-sys
tem_pou);
    inc(TotEval);
    if _CalcCost[94] > 0 then begin
        _Cost[94] :=
        (((2*numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wq
p_ortho_analyze))+(((2*numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_ortho_wqp)
    );
        inc(TotEval);
        _OM[94] := 0;
        inc(TotEval);
    end;

//system_collect_wqp_above_15_b3_triennial row: 97
_CalcCost[95] :=
p_tap_triennial*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[95] > 0 then begin
        _Cost[95] :=
        (pp_above_al_bin_three*numb_reduced_tap)*((hrs_samp_above_al_op*rate_op)+cost_samp_a
bove_al);
        inc(TotEval);
        _OM[95] := 0;
        inc(TotEval);
    end;

//system_analyze_tap_ff_b3_triennial row: 98
_CalcCost[96] :=
p_tap_triennial*(1-b_state_two)*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[96] > 0 then begin
        _Cost[96] :=
        (((pp_above_al_bin_three*numb_reduced_tap)*pp_lab_samp)*((hrs_analyze_samp_op*rate_o
p)+cost_lab_lt_samp))+(((pp_above_al_bin_three*numb_reduced_tap)*pp_commercial_samp)
*cost_commercial_lab);
        inc(TotEval);
        _OM[96] := 0;
        inc(TotEval);
    end;

//state_analyze_tap_ff_b3_triennial row: 99
_CalcCost[97] :=

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p_tap_triennial*b_state_two*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[97] > 0 then begin
        _Cost[97] :=
(((pp_above_al_bin_three*numb_reduced_tap)*pp_lab_samp)*((hrs_analyze_samp_op*rate_o
p)+cost_lab_lt_samp))+(((pp_above_al_bin_three*numb_reduced_tap)*pp_commercial_samp)
*cost_commercial_lab);
        inc(TotEval);
        _OM[97] := 0;
        inc(TotEval);
    end;

    //system_provide_pe_copy_15_triennial row: 100
    _CalcCost[98] :=
p_tap_triennial*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[98] > 0 then begin
        _Cost[98] := (hrs_samp_notice_js*rate_js);
        inc(TotEval);
        _OM[98] := 0;
        inc(TotEval);
    end;

    //state_review_pe_copy_15_triennial row: 101
    _CalcCost[99] :=
p_tap_triennial*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[99] > 0 then begin
        _Cost[99] := (hrs_samp_notice_js*rate_js);
        inc(TotEval);
        _OM[99] := 0;
        inc(TotEval);
    end;

    //system_collect_ph_wqp_ale_no_cct_ff_triennial row: 102
    _CalcCost[100] :=
(1-pws_cct)*p_tap_triennial*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[100] > 0 then begin
        _Cost[100] :=
(numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material);
        inc(TotEval);
        _OM[100] := 0;
        inc(TotEval);
    end;

    //system_analyze_ph_wqp_ale_no_cct_ff_triennial row: 103
    _CalcCost[101] :=
(1-pws_cct)*p_tap_triennial*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);

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    if _CalcCost[101] > 0 then begin
        _Cost[101] :=
((((numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_dist_op*rate_op)+cost_wqp_a
nalyze))+(((numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_wqp));
        inc(TotEval);
        _OM[101] := 0;
        inc(TotEval);
    end;

    //system_collect_wqp_ff_ph_b3_triennial row: 104
    _CalcCost[102] :=
pbaseph*pws_cct*p_tap_triennial*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[102] > 0 then begin
        _Cost[102] :=
(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ph);
        inc(TotEval);
        _OM[102] := 0;
        inc(TotEval);
    end;

    //system_collect_wqp_ff_ortho_b3_triennial row: 105
    _CalcCost[103] :=
(pbasepo4+pbasephpo4)*pws_cct*p_tap_triennial*(1-(p_source_chng+p_treat_change))*(1-
system_pou);
    inc(TotEval);
    if _CalcCost[103] > 0 then begin
        _Cost[103] :=
(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ortho);
        inc(TotEval);
        _OM[103] := 0;
        inc(TotEval);
    end;

    //system_analyze_wqp_above_15_ph_b3_triennial row: 106
    _CalcCost[104] :=
pws_cct*pbaseph*p_tap_triennial*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[104] > 0 then begin
        _Cost[104] :=
((((2*numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_p
h_analyze))+(((2*numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_ph_wqp));
        inc(TotEval);
        _OM[104] := 0;
        inc(TotEval);
    end;

    //system_analyze_wqp_above_15_ortho_b3_triennial row: 107
    _CalcCost[105] :=
pws_cct*(pbasepo4+pbasephpo4)*p_tap_triennial*(1-(p_source_chng+p_treat_change))*(1-

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system_pou);
    inc(TotEval);
    if _CalcCost[105] > 0 then begin
        _Cost[105] :=
(((2*numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wq
p_ortho_analyze))+((2*numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_ortho_wqp)
);
        inc(TotEval);
        _OM[105] := 0;
    inc(TotEval);
    end;

    //system_contact_wqp_above_15_bin1 row: 108
    _CalcCost[106] := (1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[106] > 0 then begin
        _Cost[106] :=
(pp_above_al_bin_one*numb_samp_customer)*((hrs_samp_above_al_op*rate_op)+cost_samp_a
bove_al);
        inc(TotEval);
        _OM[106] := 0;
    inc(TotEval);
    end;

    //system_analyze_tap_ff_b1 row: 109
    _CalcCost[107] :=
(1-b_state_two)*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[107] > 0 then begin
        _Cost[107] :=
(((pp_above_al_bin_one*numb_samp_customer)*pp_lab_samp)*((hrs_analyze_samp_op*rate_o
p)+cost_lab_lt_samp))+(((pp_above_al_bin_one*numb_samp_customer)*pp_commercial_samp)
*cost_commercial_lab);
        inc(TotEval);
        _OM[107] := 0;
    inc(TotEval);
    end;

    //state_analyze_tap_ff_b1 row: 110
    _CalcCost[108] := b_state_two*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[108] > 0 then begin
        _Cost[108] :=
(((pp_above_al_bin_one*numb_samp_customer)*pp_lab_samp)*((hrs_analyze_samp_op*rate_o
p)+cost_lab_lt_samp))+(((pp_above_al_bin_one*numb_samp_customer)*pp_commercial_samp)
*cost_commercial_lab);
        inc(TotEval);
        _OM[108] := 0;
    inc(TotEval);
    end;

```



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//system_provide_pe_copy_15 row: 111
_CalcCost[109] := (1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[109] > 0 then begin
    _Cost[109] := 2*(hrs_samp_notice_op*rate_op);
    inc(TotEval);
    _OM[109] := 0;
inc(TotEval);
end;

//state_review_pe_copy_15 row: 112
_CalcCost[110] := (1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[110] > 0 then begin
    _Cost[110] := 2*(hrs_samp_notice_js*rate_js);
    inc(TotEval);
    _OM[110] := 0;
inc(TotEval);
end;

//system_collect_ph_wqp_ale_no_cct_ff_b1 row: 113
_CalcCost[111] := (1-pws_cct)*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[111] > 0 then begin
    _Cost[111] :=
(numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material);
    inc(TotEval);
    _OM[111] := 0;
inc(TotEval);
end;

//system_analyze_ph_wqp_ale_no_cct_ff_b1 row: 114
_CalcCost[112] := (1-pws_cct)*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[112] > 0 then begin
    _Cost[112] :=
((((numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_dist_op*rate_op)+cost_wqp_a
nalyze))+(((numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_wqp));
    inc(TotEval);
    _OM[112] := 0;
inc(TotEval);
end;

//system_collect_wqp_ff_ph_b1 row: 115
_CalcCost[113] :=
pbaseph*pws_cct*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[113] > 0 then begin
    _Cost[113] :=

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(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ph);
    inc(TotEval);
    _OM[113] := 0;
    inc(TotEval);
end;

//system_collect_wqp_ff_ortho_b1 row: 116
    _CalcCost[114] :=
(pbasepo4+pbasephpo4)*pws_cct*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[114] > 0 then begin
        _Cost[114] :=
(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ortho);
        inc(TotEval);
        _OM[114] := 0;
        inc(TotEval);
    end;

//system_analyze_wqp_ph_above_15_b1 row: 117
    _CalcCost[115] :=
pws_cct*pbaseph*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[115] > 0 then begin
        _Cost[115] :=
((2*numb_wqp_sites_added*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_ph_a
nalyze))+(2*numb_wqp_sites_added*pp_commercial_samp*cost_lab_ph_wqp);
        inc(TotEval);
        _OM[115] := 0;
        inc(TotEval);
    end;

//system_analyze_wqp_ortho_above_15_b1 row: 118
    _CalcCost[116] :=
pws_cct*(pbasepo4+pbasephpo4)*(1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[116] > 0 then begin
        _Cost[116] :=
((((2*numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wq
p_ortho_analyze))+(((2*numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_ortho_wqp)
);
        inc(TotEval);
        _OM[116] := 0;
        inc(TotEval);
    end;

//system_investig_findfix_12 row: 119
    _CalcCost[117] := (1-(p_source_chng+p_treat_change))*(1-system_pou);
    inc(TotEval);
    if _CalcCost[117] > 0 then begin
        _Cost[117] := (hrs_deter_dssa_op*rate_op);
    end;

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```

    inc(TotEval);
    _OM[117] := 0;
    inc(TotEval);
end;

//system_report_findfix_12 row: 120
_CalcCost[118] := (1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[118] > 0 then begin
    _Cost[118] := (hrs_report_dssa_op*rate_op);
    inc(TotEval);
    _OM[118] := 0;
    inc(TotEval);
end;

//state_review_findfix_12 row: 121
_CalcCost[119] := (1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[119] > 0 then begin
    _Cost[119] := (hrs_report_dssa_js*rate_js);
    inc(TotEval);
    _OM[119] := 0;
    inc(TotEval);
end;

//system_consult_findfix_12 row: 122
_CalcCost[120] := (1-(p_source_chng+p_treat_change))*pws_cct*(1-system_pou);
inc(TotEval);
if _CalcCost[120] > 0 then begin
    _Cost[120] := (hrs_consult_dssa_op*rate_op);
    inc(TotEval);
    _OM[120] := 0;
    inc(TotEval);
end;

//state_consult_findfix_12 row: 123
_CalcCost[121] := (1-(p_source_chng+p_treat_change))*pws_cct*(1-system_pou);
inc(TotEval);
if _CalcCost[121] > 0 then begin
    _Cost[121] := (hrs_consult_dssa_js*rate_js);
    inc(TotEval);
    _OM[121] := 0;
    inc(TotEval);
end;

//system_investig_findfix_3 row: 124
_CalcCost[122] :=
(1-(p_tap_triennial+p_tap_nine))*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[122] > 0 then begin

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    _Cost[122] := (hrs_deter_dssa_op*rate_op);
    inc(TotEval);
    _OM[122] := 0;
    inc(TotEval);
end;

//system_report_findfix_3 row: 125
_CalcCost[123] :=
(1-(p_tap_triennial+p_tap_nine))*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[123] > 0 then begin
    _Cost[123] := (hrs_report_dssa_op*rate_op);
    inc(TotEval);
    _OM[123] := 0;
    inc(TotEval);
end;

//state_review_findfix_3 row: 126
_CalcCost[124] :=
(1-(p_tap_triennial+p_tap_nine))*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[124] > 0 then begin
    _Cost[124] := (hrs_report_dssa_js*rate_js);
    inc(TotEval);
    _OM[124] := 0;
    inc(TotEval);
end;

//system_consult_findfix_3 row: 127
_CalcCost[125] :=
(1-(p_tap_triennial+p_tap_nine))*(1-(p_source_chng+p_treat_change))*pws_cct*(1-system_pou);
inc(TotEval);
if _CalcCost[125] > 0 then begin
    _Cost[125] := (hrs_consult_dssa_op*rate_op);
    inc(TotEval);
    _OM[125] := 0;
    inc(TotEval);
end;

//state_consult_findfix_3 row: 128
_CalcCost[126] :=
(1-(p_tap_triennial+p_tap_nine))*(1-(p_source_chng+p_treat_change))*pws_cct*(1-system_pou);
inc(TotEval);
if _CalcCost[126] > 0 then begin
    _Cost[126] := (hrs_consult_dssa_js*rate_js);
    inc(TotEval);
    _OM[126] := 0;
    inc(TotEval);
end;

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```

end;

//system_investig_findfix_triennial row: 129
_CalcCost[127] :=
p_tap_triennial*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[127] > 0 then begin
    _Cost[127] := (hrs_deter_dssa_op*rate_op);
    inc(TotEval);
    _OM[127] := 0;
    inc(TotEval);
end;

//system_report_findfix_triennial row: 130
_CalcCost[128] :=
p_tap_triennial*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[128] > 0 then begin
    _Cost[128] := (hrs_report_dssa_op*rate_op);
    inc(TotEval);
    _OM[128] := 0;
    inc(TotEval);
end;

//state_review_findfix_triennial row: 131
_CalcCost[129] :=
p_tap_triennial*(1-(p_source_chng+p_treat_change))*(1-system_pou);
inc(TotEval);
if _CalcCost[129] > 0 then begin
    _Cost[129] := (hrs_report_dssa_js*rate_js);
    inc(TotEval);
    _OM[129] := 0;
    inc(TotEval);
end;

//system_consult_findfix_triennial row: 132
_CalcCost[130] :=
p_tap_triennial*(1-(p_source_chng+p_treat_change))*pws_cct*(1-system_pou);
inc(TotEval);
if _CalcCost[130] > 0 then begin
    _Cost[130] := (hrs_consult_dssa_op*rate_op);
    inc(TotEval);
    _OM[130] := 0;
    inc(TotEval);
end;

//state_consult_findfix_triennial row: 133
_CalcCost[131] :=
p_tap_triennial*(1-(p_source_chng+p_treat_change))*pws_cct*(1-system_pou);
inc(TotEval);

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```

if _CalcCost[131] > 0 then begin
    _Cost[131] := (hrs_consult_dssa_js*rate_js);
    inc(TotEval);
    _OM[131] := 0;
inc(TotEval);
end;

//system_collect_wqp_above_15_source_b3 row: 134
_CalcCost[132] := (p_source_chng*p_source_sig)+p_treat_change*(1-system_pou);
inc(TotEval);
if _CalcCost[132] > 0 then begin
    _Cost[132] :=
(pp_above_al_bin_three*(2*numb_samp_customer))*((hrs_samp_above_al_op*rate_op)+cost_
samp_above_al);
    inc(TotEval);
    _OM[132] := 0;
inc(TotEval);
end;

//system_analyze_tap_ff_source_b3 row: 135
_CalcCost[133] :=
(1-b_state_two)*((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[133] > 0 then begin
    _Cost[133] :=
(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*
rate_op)+cost_lab_lt_samp))+(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_comm
ercial_samp)*cost_commercial_lab);
    inc(TotEval);
    _OM[133] := 0;
inc(TotEval);
end;

//state_analyze_tap_ff_source_b3 row: 136
_CalcCost[134] :=
b_state_two*((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[134] > 0 then begin
    _Cost[134] :=
(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*
rate_op)+cost_lab_lt_samp))+(((pp_above_al_bin_three*(2*numb_samp_customer))*pp_comm
ercial_samp)*cost_commercial_lab);
    inc(TotEval);
    _OM[134] := 0;
inc(TotEval);
end;

//system_provide_pe_copy_15_sourceb3 row: 137
_CalcCost[135] := ((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);

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```

if _CalcCost[135] > 0 then begin
    _Cost[135] := 2*(hrs_samp_notice_op*rate_op);
    inc(TotEval);
    _OM[135] := 0;
inc(TotEval);
end;

//state_review_pe_copy_15_source_b3 row: 138
_CalcCost[136] := ((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[136] > 0 then begin
    _Cost[136] := 2*(hrs_samp_notice_js*rate_js);
    inc(TotEval);
    _OM[136] := 0;
inc(TotEval);
end;

//system_collect_wqp_above_15_source row: 139
_CalcCost[137] := (p_source_chng*p_source_sig)+p_treat_change*(1-system_pou);
inc(TotEval);
if _CalcCost[137] > 0 then begin
    _Cost[137] :=
(pp_above_al_bin_one*(2*numb_samp_customer))*((hrs_samp_above_al_op*rate_op)+cost_samp_above_al);
    inc(TotEval);
    _OM[137] := 0;
inc(TotEval);
end;

//system_analyze_tap_ff_source row: 140
_CalcCost[138] :=
(1-b_state_two)*((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[138] > 0 then begin
    _Cost[138] :=
(((pp_above_al_bin_one*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((pp_above_al_bin_one*(2*numb_samp_customer))*pp_commercial_samp)*cost_commercial_lab);
    inc(TotEval);
    _OM[138] := 0;
inc(TotEval);
end;

//state_analyze_tap_ff_source row: 141
_CalcCost[139] :=
b_state_two*((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[139] > 0 then begin
    _Cost[139] :=
(((pp_above_al_bin_one*(2*numb_samp_customer))*pp_lab_samp)*((hrs_analyze_samp_op*ra

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te_op)+cost_lab_lt_samp))+(((pp_above_al_bin_one*(2*numb_samp_customer))*pp_commerci
al_samp)*cost_commercial_lab);
    inc(TotEval);
    _OM[139] := 0;
    inc(TotEval);
end;

//system_provide_pe_copy_15_source row: 142
_CalcCost[140] := ((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[140] > 0 then begin
    _Cost[140] := 2*(hrs_samp_notice_op*rate_op);
    inc(TotEval);
    _OM[140] := 0;
    inc(TotEval);
end;

//state_review_pe_copy_15_source row: 143
_CalcCost[141] := ((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[141] > 0 then begin
    _Cost[141] := 2*(hrs_samp_notice_js*rate_js);
    inc(TotEval);
    _OM[141] := 0;
    inc(TotEval);
end;

//system_collect_ph_wqp_ale_no_cct_ff_source row: 144
_CalcCost[142] :=
(1-pws_cct)*((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[142] > 0 then begin
    _Cost[142] :=
(numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material);
    inc(TotEval);
    _OM[142] := 0;
    inc(TotEval);
end;

//system_analyze_ph_wqp_ale_no_cct_ff_source row: 145
_CalcCost[143] :=
(1-pws_cct)*((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[143] > 0 then begin
    _Cost[143] :=
((((numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_dist_op*rate_op)+cost_wqp_a
nalyze))+(((numb_wqp_sites_added)*pp_commercial_samp)*cost_lab_wqp));
    inc(TotEval);
    _OM[143] := 0;
    inc(TotEval);
end;

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end;

//system_collect_wqp_ff_ph_source row: 146
_CalcCost[144] :=
pbaseph*pws_cct*((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[144] > 0 then begin
    _Cost[144] :=
(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ph);
    inc(TotEval);
    _OM[144] := 0;
    inc(TotEval);
end;

//system_collect_wqp_ff_ortho_source row: 147
_CalcCost[145] :=
(pbasepo4+pbasephpo4)*pws_cct*((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[145] > 0 then begin
    _Cost[145] :=
(2*numb_wqp_sites_added)*((hrs_wqp_dssa_op*rate_op)+cost_wqp_material_ortho);
    inc(TotEval);
    _OM[145] := 0;
    inc(TotEval);
end;

//system_analyze_wqp_above_15_ph_source row: 148
_CalcCost[146] :=
pws_cct*pbaseph*((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[146] > 0 then begin
    _Cost[146] :=
((2*numb_wqp_sites_added*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_ph_analyze))+
(2*numb_wqp_sites_added*pp_commercial_samp*cost_lab_ph_wqp);
    inc(TotEval);
    _OM[146] := 0;
    inc(TotEval);
end;

//system_analyze_wqp_above_15_ortho_source row: 149
_CalcCost[147] :=
pws_cct*(pbasepo4+pbasephpo4)*((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[147] > 0 then begin
    _Cost[147] :=
((((2*numb_wqp_sites_added)*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wqp_ortho_analyze))+
((2*numb_wqp_sites_added)*pp_commercial_samp*cost_lab_ortho_wqp));

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    inc(TotEval);
    _OM[147] := 0;
    inc(TotEval);
end;

//system_investig_findfix_source row: 150
_CalcCost[148] := ((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[148] > 0 then begin
    _Cost[148] := (hrs_deter_dssa_op*rate_op);
    inc(TotEval);
    _OM[148] := 0;
    inc(TotEval);
end;

//system_report_findfix_source row: 151
_CalcCost[149] := ((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[149] > 0 then begin
    _Cost[149] := (hrs_report_dssa_op*rate_op);
    inc(TotEval);
    _OM[149] := 0;
    inc(TotEval);
end;

//state_review_findfix_source row: 152
_CalcCost[150] := ((p_source_chng*p_source_sig)+p_treat_change)*(1-system_pou);
inc(TotEval);
if _CalcCost[150] > 0 then begin
    _Cost[150] := (hrs_report_dssa_js*rate_js);
    inc(TotEval);
    _OM[150] := 0;
    inc(TotEval);
end;

//system_consult_findfix_source row: 153
_CalcCost[151] :=
((p_source_chng*p_source_sig)+p_treat_change)*pws_cct*(1-system_pou);
inc(TotEval);
if _CalcCost[151] > 0 then begin
    _Cost[151] := (hrs_consult_dssa_op*rate_op);
    inc(TotEval);
    _OM[151] := 0;
    inc(TotEval);
end;

//state_consult_findfix_source row: 154
_CalcCost[152] :=
((p_source_chng*p_source_sig)+p_treat_change)*pws_cct*(1-system_pou);
inc(TotEval);

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if _CalcCost[152] > 0 then begin
    _Cost[152] := (hrs_consult_dssa_js*rate_js);
    inc(TotEval);
    _OM[152] := 0;
inc(TotEval);
end;

//system_findfix row: 155
_CalcCost[153] := b_dssa;
inc(TotEval);
if _CalcCost[153] > 0 then begin
    _Cost[153] := cct_dssa_cost;
    inc(TotEval);
    _OM[153] := 0;
inc(TotEval);
end;

//system_initial_inv row: 156
_CalcCost[154] := (1-p_inventory)*0;
inc(TotEval);
if _CalcCost[154] > 0 then begin
    _Cost[154] := hrs_report_updated_initial_inv_op*rate_op;
    inc(TotEval);
    _OM[154] := 0;
inc(TotEval);
end;

//state_initial_inv row: 157
_CalcCost[155] := (1-p_inventory)*0;
inc(TotEval);
if _CalcCost[155] > 0 then begin
    _Cost[155] := hrs_updated_initial_inv_rev_js*rate_js;
    inc(TotEval);
    _OM[155] := 0;
inc(TotEval);
end;

//system_demons_nolsl row: 158
_CalcCost[156] := (1-pws_lsl)*(1-p_inventory)*0;
inc(TotEval);
if _CalcCost[156] > 0 then begin
    _Cost[156] := (hrs_nolsl_op*rate_op);
    inc(TotEval);
    _OM[156] := 0;
inc(TotEval);
end;

//state_review_nolsl row: 159
_CalcCost[157] := (1-pws_lsl)*(1-p_inventory)*0;
inc(TotEval);

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if _CalcCost[157] > 0 then begin
    _Cost[157] := (hrs_rev_nolsl_js*rate_js);
    inc(TotEval);
    _OM[157] := 0;
inc(TotEval);
end;

//system_inventory_update row: 160
_Cost[158] := num_unknown_resolved*cost_update;
inc(TotEval);
_OM[158] := 0;
inc(TotEval);

//system_inventory_update_report row: 161
_CalcCost[159] := pws_lsl;
inc(TotEval);
if _CalcCost[159] > 0 then begin
    _Cost[159] := (hrs_report_inv_op*rate_op);
    inc(TotEval);
    _OM[159] := 0;
inc(TotEval);
end;

//state_inventory_update row: 162
_CalcCost[160] := pws_lsl;
inc(TotEval);
if _CalcCost[160] > 0 then begin
    _Cost[160] := (hrs_inv_update_rev_js*rate_js);
    inc(TotEval);
    _OM[160] := 0;
inc(TotEval);
end;

//system_validation row: 163
_Cost[161] := num_lsl_validated*cost_valid;
inc(TotEval);
_OM[161] := 0;
inc(TotEval);

//system_valid_report row: 164
_CalcCost[162] := pws_lsl;
inc(TotEval);
if _CalcCost[162] > 0 then begin
    _Cost[162] := hrs_valid_report_op*rate_op;
    inc(TotEval);
    _OM[162] := 0;
inc(TotEval);
end;

//state_valid_report row: 165

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_CalcCost[163] := pws_lsl;
inc(TotEval);
if _CalcCost[163] > 0 then begin
    _Cost[163] := (hrs_inv_valid_rev_js*rate_js);
    inc(TotEval);
    _OM[163] := 0;
inc(TotEval);
end;

//system_goal_lslr row: 166
_CalcCost[164] := pws_lsl;
inc(TotEval);
if _CalcCost[164] > 0 then begin
    _Cost[164] := (hrs_lslr_plan_op*rate_op);
    inc(TotEval);
    _OM[164] := 0;
inc(TotEval);
end;

//state_confer_lslr row: 167
_CalcCost[165] := pws_lsl;
inc(TotEval);
if _CalcCost[165] > 0 then begin
    _Cost[165] := (hrs_lslr_plan_js*rate_js);
    inc(TotEval);
    _OM[165] := 0;
inc(TotEval);
end;

//state_pe_lsl_temp row: 168
_CalcCost[166] := pws_lsl;
inc(TotEval);
if _CalcCost[166] > 0 then begin
    _Cost[166] := (hrs_pe_lsl_gen_temp_js*rate_js);
    inc(TotEval);
    _OM[166] := 0;
inc(TotEval);
end;

//system_pe_lsl_devel row: 169
_CalcCost[167] := pws_lsl;
inc(TotEval);
if _CalcCost[167] > 0 then begin
    _Cost[167] := (hrs_pe_lsl_gen_develop_op*rate_op);
    inc(TotEval);
    _OM[167] := 0;
inc(TotEval);
end;

//state_pe_lsl_review row: 170

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    _CalcCost[168] := pws_lsl;
    inc(TotEval);
    if _CalcCost[168] > 0 then begin
        _Cost[168] := (hrs_pe_lsl_rev_js*rate_js);
        inc(TotEval);
        _OM[168] := 0;
        inc(TotEval);
    end;

    //system_pe_lsl_distr row: 171
    _CalcCost[169] := pws_lsl;
    inc(TotEval);
    if _CalcCost[169] > 0 then begin
        _Cost[169] :=
(hh_remain_lsl+hh_unknown_remain)*((hrs_pe_lsl_gen_dist_op*rate_op)+cost_pe_lsl_gen)
;
        inc(TotEval);
        _OM[169] := 0;
        inc(TotEval);
    end;

    //system_pe_lsl_distr_ntncws row: 172
    _CalcCost[170] := pws_lsl;
    inc(TotEval);
    if _CalcCost[170] > 0 then begin
        _Cost[170] :=
((hrs_ntncws_pe_lsl_gen_dist_op*rate_op)+cost_ntncws_pe_lsl_gen);
        inc(TotEval);
        _OM[170] := 0;
        inc(TotEval);
    end;

    //system_collect_ph_wqp_ale_cct_b32 row: 173
    _CalcCost[171] := (p_wqp_cond*p_copper_ale)*pbaseph*pws_cct;
    inc(TotEval);
    if _CalcCost[171] > 0 then begin
        _Cost[171] :=
2*(numb_enhance_wqp*((hrs_wqp_op*rate_op)+cost_wqp_material_ph));
        inc(TotEval);
        _OM[171] := 0;
        inc(TotEval);
    end;

    //system_analyze_ph_wqp_ale_cct_b32 row: 174
    _CalcCost[172] := (p_wqp_cond*p_copper_ale)*pbaseph*pws_cct;
    inc(TotEval);
    if _CalcCost[172] > 0 then begin
        _Cost[172] :=
2*((numb_enhance_wqp*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_ph_anal
yze))+((numb_enhance_wqp*pp_commercial_samp)*cost_lab_ph_wqp));

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        inc(TotEval);
        _OM[172] := 0;
    inc(TotEval);
end;

//system_collect_ortho_wqp_ale_cct_b32 row: 175
_CalcCost[173] := (p_wqp_cond*p_copper_ale)*(pbasepo4+pbasephpo4)*pws_cct;
inc(TotEval);
if _CalcCost[173] > 0 then begin
    _Cost[173] :=
2*(numb_enhance_wqp*((hrs_wqp_op*rate_op)+cost_wqp_material_ortho));
    inc(TotEval);
    _OM[173] := 0;
    inc(TotEval);
end;

//system_analyze_ortho_wqp_ale_cct_b32 row: 176
_CalcCost[174] := (p_wqp_cond*p_copper_ale)*(pbasepo4+pbasephpo4)*pws_cct;
inc(TotEval);
if _CalcCost[174] > 0 then begin
    _Cost[174] :=
2*(((numb_enhance_wqp*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wqp_ortho_analyze))+((numb_enhance_wqp*pp_commercial_samp)*cost_lab_ortho_wqp));
    inc(TotEval);
    _OM[174] := 0;
    inc(TotEval);
end;

//system_collect_ph_wqp_ale_no_cct_b32 row: 177
_CalcCost[175] := (p_wqp_cond*p_copper_ale)*(1-pws_cct);
inc(TotEval);
if _CalcCost[175] > 0 then begin
    _Cost[175] := 2*(numb_enhance_wqp*((hrs_wqp_op*rate_op)+cost_wqp_material));
    inc(TotEval);
    _OM[175] := 0;
    inc(TotEval);
end;

//system_analyze_ph_wqp_ale_no_cct_b32 row: 178
_CalcCost[176] := (p_wqp_cond*p_copper_ale)*(1-pws_cct);
inc(TotEval);
if _CalcCost[176] > 0 then begin
    _Cost[176] :=
2*(((numb_enhance_wqp*pp_lab_samp)*((hrs_wqp_analyze_dist_op*rate_op)+cost_wqp_analyze))+((numb_enhance_wqp*pp_commercial_samp)*cost_lab_wqp));
    inc(TotEval);
    _OM[176] := 0;
    inc(TotEval);
end;

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//system_collect_wqp_ep_ale_no_cct_b32 row: 179
_CalcCost[177] := (1-pws_cct)*(p_wqp_cond*p_copper_ale);
inc(TotEval);
if _CalcCost[177] > 0 then begin
    _Cost[177] :=
2*((numb_ep_wqp*numb_ep)*((hrs_ep_wqp_op*rate_op)+cost_ep_wqp_material));
    inc(TotEval);
    _OM[177] := 0;
inc(TotEval);
end;

//system_analyze_wqp_ep_ale_no_cct_b32 row: 180
_CalcCost[178] := (1-pws_cct)*(p_wqp_cond*p_copper_ale);
inc(TotEval);
if _CalcCost[178] > 0 then begin
    _Cost[178] :=
2*(((numb_ep*numb_ep_wqp)*pp_lab_samp)*((hrs_wqp_analyze_ep_op*rate_op)+cost_wqp_an
alyze_ep))+(((numb_ep*numb_ep_wqp)*pp_commercial_samp)*cost_lab_wqp_ep));
    inc(TotEval);
    _OM[178] := 0;
inc(TotEval);
end;

//system_report_ep_wqp_ale_no_cct_b32 row: 181
_CalcCost[179] := (1-pws_cct)*(p_wqp_cond*p_copper_ale);
inc(TotEval);
if _CalcCost[179] > 0 then begin
    _Cost[179] := 2*(hrs_report_wqp_op*rate_op);
    inc(TotEval);
    _OM[179] := 0;
inc(TotEval);
end;

//state_review_wqp_ep_ale_no_cct_b32 row: 182
_CalcCost[180] := (1-pws_cct)*(p_wqp_cond*p_copper_ale);
inc(TotEval);
if _CalcCost[180] > 0 then begin
    _Cost[180] := 2*(hrs_wqp_js*rate_js);
    inc(TotEval);
    _OM[180] := 0;
inc(TotEval);
end;

//system_collect_wqp_ep_ale_w_cct_b32_ph row: 183
_CalcCost[181] := (p_wqp_cond*p_copper_ale)*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[181] > 0 then begin
    _Cost[181] :=
26*((numb_ep*numb_ep_wqp)*((hrs_ep_wqp_op*rate_op)+cost_ep_wqp_ph_material));
    inc(TotEval);

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    _OM[181] := 0;
    inc(TotEval);
end;

//system_analyze_wqp_ep_ale_w_cct_b32_ph row: 184
_CalcCost[182] := (p_wqp_cond*p_copper_ale)*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[182] > 0 then begin
    _Cost[182] :=
26*(((numb_ep*numb_ep_wqp)*pp_lab_samp)*((hrs_wqp_analyze_ph_ep_op*rate_op)+cost_wq
p_analyze_ph_ep))+(((numb_ep*numb_ep_wqp)*pp_commercial_samp)*cost_lab_wqp_ph_ep));
    inc(TotEval);
    _OM[182] := 0;
    inc(TotEval);
end;

//system_report_ep_wqp_ale_w_cct_b32_ph row: 185
_CalcCost[183] := (p_wqp_cond*p_copper_ale)*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[183] > 0 then begin
    _Cost[183] := 2*(hrs_report_wqp_op*rate_op);
    inc(TotEval);
    _OM[183] := 0;
    inc(TotEval);
end;

//state_review_wqp_ep_ale_w_cct_b32_ph row: 186
_CalcCost[184] := (p_wqp_cond*p_copper_ale)*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[184] > 0 then begin
    _Cost[184] := 2*(hrs_wqp_js*rate_js);
    inc(TotEval);
    _OM[184] := 0;
    inc(TotEval);
end;

//system_collect_wqp_ale_ep_w_cct_b32_ortho row: 187
_CalcCost[185] := (p_wqp_cond*p_copper_ale)*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[185] > 0 then begin
    _Cost[185] :=
26*((numb_ep*numb_ep_wqp)*((hrs_ep_wqp_op*rate_op)+cost_ep_wqp_ortho_material));
    inc(TotEval);
    _OM[185] := 0;
    inc(TotEval);
end;

//system_analyze_wqp_ep_ale_w_cct_b32_ortho row: 188
_CalcCost[186] := (p_wqp_cond*p_copper_ale)*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);

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    if _CalcCost[186] > 0 then begin
        _Cost[186] :=
26*(((numb_ep*numb_ep_wqp)*pp_lab_samp)*((hrs_wqp_analyze_ortho_ep_op*rate_op)+cost
_wqp_analyze_ortho_ep))+(((numb_ep*numb_ep_wqp)*pp_commercial_samp)*cost_lab_wqp_ort
ho_ep));
        inc(TotEval);
        _OM[186] := 0;
        inc(TotEval);
    end;

//system_report_ep_wqp_ale_w_cct_b32_ortho row: 189
_CalcCost[187] := (p_wqp_cond*p_copper_ale)*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[187] > 0 then begin
    _Cost[187] := 2*(hrs_report_wqp_op*rate_op);
    inc(TotEval);
    _OM[187] := 0;
    inc(TotEval);
end;

//state_review_wqp_ep_ale_w_cct_b32_ortho row: 190
_CalcCost[188] := (p_wqp_cond*p_copper_ale)*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[188] > 0 then begin
    _Cost[188] := 2*(hrs_wqp_js*rate_js);
    inc(TotEval);
    _OM[188] := 0;
    inc(TotEval);
end;

//system_collect_ph_wqp_cct_ale_b1 row: 191
_CalcCost[189] := p_wqp_cond*pbaseph*pws_cct;
inc(TotEval);
if _CalcCost[189] > 0 then begin
    _Cost[189] :=
2*(numb_enhance_wqp*((hrs_wqp_op*rate_op)+cost_wqp_material_ph));
    inc(TotEval);
    _OM[189] := 0;
    inc(TotEval);
end;

//system_analyze_ph_wqp_cct_ale_b1 row: 192
_CalcCost[190] := p_wqp_cond*pbaseph*pws_cct;
inc(TotEval);
if _CalcCost[190] > 0 then begin
    _Cost[190] :=
2*(((numb_enhance_wqp*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_ph_anal
yze))+((numb_enhance_wqp*pp_commercial_samp)*cost_lab_ph_wqp));
    inc(TotEval);
    _OM[190] := 0;

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inc(TotEval);
end;

//system_collect_ortho_wqp_ale_b1 row: 193
_CalcCost[191] := p_wqp_cond*(pbasepo4+pbasephpo4)*pws_cct;
inc(TotEval);
if _CalcCost[191] > 0 then begin
    _Cost[191] :=
2*(numb_enhance_wqp*((hrs_wqp_op*rate_op)+cost_wqp_material_ortho));
    inc(TotEval);
    _OM[191] := 0;
inc(TotEval);
end;

//system_analyze_ortho_wqp_ale_b1 row: 194
_CalcCost[192] := p_wqp_cond*(pbasepo4+pbasephpo4)*pws_cct;
inc(TotEval);
if _CalcCost[192] > 0 then begin
    _Cost[192] :=
2*(((numb_enhance_wqp*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wqp_ortho_analyze))+((numb_enhance_wqp*pp_commercial_samp)*cost_lab_ortho_wqp));
    inc(TotEval);
    _OM[192] := 0;
inc(TotEval);
end;

//system_collect_ph_wqp_no_cct_ale_b1 row: 195
_CalcCost[193] := p_wqp_cond*(1-pws_cct);
inc(TotEval);
if _CalcCost[193] > 0 then begin
    _Cost[193] := 2*(numb_enhance_wqp*((hrs_wqp_op*rate_op)+cost_wqp_material));
    inc(TotEval);
    _OM[193] := 0;
inc(TotEval);
end;

//system_analyze_ph_wqp_no_cct_ale_b1 row: 196
_CalcCost[194] := p_wqp_cond*(1-pws_cct);
inc(TotEval);
if _CalcCost[194] > 0 then begin
    _Cost[194] :=
2*(((numb_enhance_wqp*pp_lab_samp)*((hrs_wqp_analyze_dist_op*rate_op)+cost_wqp_analyze))+((numb_enhance_wqp*pp_commercial_samp)*cost_lab_wqp));
    inc(TotEval);
    _OM[194] := 0;
inc(TotEval);
end;

//system_collect_ph_ff_cct_ale_b1 row: 197
_CalcCost[195] := p_wqp_cond*pbaseph*pws_cct;

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    inc(TotEval);
    if _CalcCost[195] > 0 then begin
        _Cost[195] :=
2*((2*numb_wqp_sites_added_prev)*((hrs_wqp_op*rate_op)+cost_wqp_material_ph));
        inc(TotEval);
        _OM[195] := 0;
        inc(TotEval);
    end;

    //system_analyze_ph_ff_cct_ale_b1 row: 198
    _CalcCost[196] := p_wqp_cond*pbaseph*pws_cct;
    inc(TotEval);
    if _CalcCost[196] > 0 then begin
        _Cost[196] :=
2*(((2*numb_wqp_sites_added_prev)*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cos
t_wqp_ph_analyze))+(((2*numb_wqp_sites_added_prev)*pp_commercial_samp)*cost_lab_ph_w
qp));
        inc(TotEval);
        _OM[196] := 0;
        inc(TotEval);
    end;

    //system_collect_ortho_ff_ale_b1 row: 199
    _CalcCost[197] := p_wqp_cond*(pbasepo4+pbasephpo4)*pws_cct;
    inc(TotEval);
    if _CalcCost[197] > 0 then begin
        _Cost[197] :=
2*((2*numb_wqp_sites_added_prev)*((hrs_wqp_op*rate_op)+cost_wqp_material_ortho));
        inc(TotEval);
        _OM[197] := 0;
        inc(TotEval);
    end;

    //system_analyze_ortho_ff_ale_b1 row: 200
    _CalcCost[198] := p_wqp_cond*(pbasepo4+pbasephpo4)*pws_cct;
    inc(TotEval);
    if _CalcCost[198] > 0 then begin
        _Cost[198] :=
2*(((2*numb_wqp_sites_added_prev)*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+
cost_wqp_ortho_analyze))+(((2*numb_wqp_sites_added_prev)*pp_commercial_samp)*cost_la
b_ortho_wqp));
        inc(TotEval);
        _OM[198] := 0;
        inc(TotEval);
    end;

    //system_collect_wqp_ep_no_cct_b1 row: 201
    _CalcCost[199] := (1-pws_cct)*p_wqp_cond;
    inc(TotEval);
    if _CalcCost[199] > 0 then begin

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        _Cost[199] :=
2*((numb_ep_wqp*numb_ep)*((hrs_ep_wqp_op*rate_op)+cost_ep_wqp_material));
        inc(TotEval);
        _OM[199] := 0;
        inc(TotEval);
        end;

//system_analyze_wqp_ep_no_cct_b1 row: 202
        _CalcCost[200] := (1-pws_cct)*p_wqp_cond;
        inc(TotEval);
        if _CalcCost[200] > 0 then begin
            _Cost[200] :=
2*(((numb_ep*numb_ep_wqp)*pp_lab_samp)*((hrs_wqp_analyze_ep_op*rate_op)+cost_wqp_an
alyze_ep))+(((numb_ep*numb_ep_wqp)*pp_commercial_samp)*cost_lab_wqp_ep));
            inc(TotEval);
            _OM[200] := 0;
            inc(TotEval);
            end;

//system_report_ep_wqp_no_cct_b1 row: 203
        _CalcCost[201] := (1-pws_cct)*p_wqp_cond;
        inc(TotEval);
        if _CalcCost[201] > 0 then begin
            _Cost[201] := 2*(hrs_report_wqp_op*rate_op);
            inc(TotEval);
            _OM[201] := 0;
            inc(TotEval);
            end;

//state_review_wqp_ep_no_cct_b1 row: 204
        _CalcCost[202] := (1-pws_cct)*p_wqp_cond;
        inc(TotEval);
        if _CalcCost[202] > 0 then begin
            _Cost[202] := 2*(hrs_wqp_js*rate_js);
            inc(TotEval);
            _OM[202] := 0;
            inc(TotEval);
            end;

//system_collect_wqp_ep_w_cct_b1_ph row: 205
        _CalcCost[203] := p_wqp_cond*pws_cct*pbaseph;
        inc(TotEval);
        if _CalcCost[203] > 0 then begin
            _Cost[203] :=
26*((numb_ep*numb_ep_wqp)*((hrs_ep_wqp_op*rate_op)+cost_ep_wqp_ph_material));
            inc(TotEval);
            _OM[203] := 0;
            inc(TotEval);
            end;

```

```

//system_analyze_wqp_ep_w_cct_b1_ph row: 206
_CalcCost[204] := p_wqp_cond*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[204] > 0 then begin
    _Cost[204] :=
26*(((numb_ep*numb_ep_wqp)*pp_lab_samp)*((hrs_wqp_analyze_ph_ep_op*rate_op)+cost_wq
p_analyze_ph_ep))+(((numb_ep*numb_ep_wqp)*pp_commercial_samp)*cost_lab_wqp_ph_ep));
    inc(TotEval);
    _OM[204] := 0;
    inc(TotEval);
end;

//system_report_ep_wqp_w_cct_b1_ph row: 207
_CalcCost[205] := p_wqp_cond*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[205] > 0 then begin
    _Cost[205] := 2*(hrs_report_wqp_op*rate_op);
    inc(TotEval);
    _OM[205] := 0;
    inc(TotEval);
end;

//state_review_wqp_ep_w_cct_b1_ph row: 208
_CalcCost[206] := p_wqp_cond*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[206] > 0 then begin
    _Cost[206] := 2*(hrs_wqp_js*rate_js);
    inc(TotEval);
    _OM[206] := 0;
    inc(TotEval);
end;

//system_collect_wqp_ep_w_cct_b1_ortho row: 209
_CalcCost[207] := p_wqp_cond*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[207] > 0 then begin
    _Cost[207] :=
26*(((numb_ep*numb_ep_wqp)*((hrs_ep_wqp_op*rate_op)+cost_ep_wqp_ortho_material)));
    inc(TotEval);
    _OM[207] := 0;
    inc(TotEval);
end;

//system_analyze_wqp_ep_w_cct_b1_ortho row: 210
_CalcCost[208] := p_wqp_cond*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[208] > 0 then begin
    _Cost[208] :=
26*(((numb_ep*numb_ep_wqp)*pp_lab_samp)*((hrs_wqp_analyze_ortho_ep_op*rate_op)+cost
_wqp_analyze_ortho_ep))+(((numb_ep*numb_ep_wqp)*pp_commercial_samp)*cost_lab_wqp_ort

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ho_ep));
    inc(TotEval);
    _OM[208] := 0;
    inc(TotEval);
end;

//system_report_ep_wqp_w_cct_b1_ortho row: 211
_CalcCost[209] := p_wqp_cond*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[209] > 0 then begin
    _Cost[209] := 2*(hrs_report_wqp_op*rate_op);
    inc(TotEval);
    _OM[209] := 0;
inc(TotEval);
end;

//state_review_wqp_ep_w_cct_b1_ortho row: 212
_CalcCost[210] := p_wqp_cond*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[210] > 0 then begin
    _Cost[210] := 2*(hrs_wqp_js*rate_js);
    inc(TotEval);
    _OM[210] := 0;
inc(TotEval);
end;

//system_collect_ph_wqp_b32 row: 213
_CalcCost[211] :=
(pws_cct*p_wqp_all*(1-(p_wqp_annual+p_wqp_triennial+p_wqp_six_red)))*pbaseph;
inc(TotEval);
if _CalcCost[211] > 0 then begin
    _Cost[211] :=
2*(numb_enhance_wqp*((hrs_wqp_op*rate_op)+cost_wqp_material_ph));
    inc(TotEval);
    _OM[211] := 0;
inc(TotEval);
end;

//system_analyze_ph_wqp_b32 row: 214
_CalcCost[212] :=
(pws_cct*p_wqp_all*(1-(p_wqp_annual+p_wqp_triennial+p_wqp_six_red)))*pbaseph;
inc(TotEval);
if _CalcCost[212] > 0 then begin
    _Cost[212] :=
2*(((numb_enhance_wqp*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_ph_anal
yze))+((numb_enhance_wqp*pp_commercial_samp)*cost_lab_ph_wqp));
    inc(TotEval);
    _OM[212] := 0;
inc(TotEval);
end;

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//system_collect_ortho_wqp_b32 row: 215
_CalcCost[213] :=
(pws_cct*p_wqp_all*(1-(p_wqp_annual+p_wqp_triennial+p_wqp_six_red)))*(pbasepo4+pbase
phpo4);
inc(TotEval);
if _CalcCost[213] > 0 then begin
_Cost[213] :=
2*(numb_enhance_wqp*((hrs_wqp_op*rate_op)+cost_wqp_material_ortho));
inc(TotEval);
_OM[213] := 0;
inc(TotEval);
end;

//system_analyze_ortho_wqp_b32 row: 216
_CalcCost[214] :=
(pws_cct*p_wqp_all*(1-(p_wqp_annual+p_wqp_triennial+p_wqp_six_red)))*(pbasepo4+pbase
phpo4);
inc(TotEval);
if _CalcCost[214] > 0 then begin
_Cost[214] :=
2*((numb_enhance_wqp*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wqp_orth
o_analyze))+((numb_enhance_wqp*pp_commercial_samp)*cost_lab_ortho_wqp));
inc(TotEval);
_OM[214] := 0;
inc(TotEval);
end;

//system_collect_wqp_annual_ph row: 217
_CalcCost[215] := (p_wqp_annual+p_wqp_triennial)*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[215] > 0 then begin
_Cost[215] := (numb_reduced_wqp*((hrs_wqp_op*rate_op)+cost_wqp_material_ph));
inc(TotEval);
_OM[215] := 0;
inc(TotEval);
end;

//system_analyze_wqp_annual_ph row: 218
_CalcCost[216] := (p_wqp_annual+p_wqp_triennial)*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[216] > 0 then begin
_Cost[216] :=
(((numb_reduced_wqp*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_ph_analyz
e))+((numb_reduced_wqp*pp_commercial_samp)*cost_lab_ph_wqp));
inc(TotEval);
_OM[216] := 0;
inc(TotEval);
end;

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//system_collect_wqp_reduced_ph row: 219
_CalcCost[217] := p_wqp_six_red*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[217] > 0 then begin
    _Cost[217] :=
2*(numb_reduced_wqp*((hrs_wqp_op*rate_op)+cost_wqp_material_ph));
    inc(TotEval);
    _OM[217] := 0;
    inc(TotEval);
end;

//system_analyze_wqp_reduced_ph row: 220
_CalcCost[218] := p_wqp_six_red*pws_cct*pbaseph;
inc(TotEval);
if _CalcCost[218] > 0 then begin
    _Cost[218] :=
2*(((numb_reduced_wqp*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_ph_anal
yze))+((numb_reduced_wqp*pp_commercial_samp)*cost_lab_ph_wqp));
    inc(TotEval);
    _OM[218] := 0;
    inc(TotEval);
end;

//system_collect_wqp_annual_ortho row: 221
_CalcCost[219] := (p_wqp_annual+p_wqp_triennial)*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[219] > 0 then begin
    _Cost[219] :=
(numb_reduced_wqp*((hrs_wqp_op*rate_op)+cost_wqp_material_ortho));
    inc(TotEval);
    _OM[219] := 0;
    inc(TotEval);
end;

//system_analyze_wqp_annual_ortho row: 222
_CalcCost[220] := (p_wqp_annual+p_wqp_triennial)*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[220] > 0 then begin
    _Cost[220] :=
(((numb_reduced_wqp*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wqp_ortho_
analyze))+((numb_reduced_wqp*pp_commercial_samp)*cost_lab_ortho_wqp));
    inc(TotEval);
    _OM[220] := 0;
    inc(TotEval);
end;

//system_collect_wqp_reduced_ortho row: 223
_CalcCost[221] := p_wqp_six_red*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[221] > 0 then begin

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        _Cost[221] :=
2*(numb_reduced_wqp*((hrs_wqp_op*rate_op)+cost_wqp_material_ortho));
        inc(TotEval);
        _OM[221] := 0;
        inc(TotEval);
        end;

//system_analyze_wqp_reduced_ortho row: 224
        _CalcCost[222] := p_wqp_six_red*pws_cct*(pbasepo4+pbasephpo4);
        inc(TotEval);
        if _CalcCost[222] > 0 then begin
            _Cost[222] :=
2*(((numb_reduced_wqp*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wqp_ortho_analyze))+((numb_reduced_wqp*pp_commercial_samp)*cost_lab_ortho_wqp));
            inc(TotEval);
            _OM[222] := 0;
            inc(TotEval);
            end;

//system_collect_ph_ff_b32 row: 225
        _CalcCost[223] :=
(pws_cct*p_wqp_all*(1-(p_wqp_annual+p_wqp_triennial+p_wqp_six_red)))*pbaseph;
        inc(TotEval);
        if _CalcCost[223] > 0 then begin
            _Cost[223] :=
2*((2*numb_wqp_sites_added_prev)*((hrs_wqp_op*rate_op)+cost_wqp_material_ph));
            inc(TotEval);
            _OM[223] := 0;
            inc(TotEval);
            end;

//system_analyze_ph_ff_b32 row: 226
        _CalcCost[224] :=
(pws_cct*p_wqp_all*(1-(p_wqp_annual+p_wqp_triennial+p_wqp_six_red)))*pbaseph;
        inc(TotEval);
        if _CalcCost[224] > 0 then begin
            _Cost[224] :=
2*(((2*numb_wqp_sites_added_prev)*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_wqp_ph_analyze))+((2*numb_wqp_sites_added_prev)*pp_commercial_samp)*cost_lab_ph_wqp));
            inc(TotEval);
            _OM[224] := 0;
            inc(TotEval);
            end;

//system_collect_ortho_ff_b32 row: 227
        _CalcCost[225] :=
(pws_cct*p_wqp_all*(1-(p_wqp_annual+p_wqp_triennial+p_wqp_six_red)))*(pbasepo4+pbasephpo4);
        inc(TotEval);

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    if _CalcCost[225] > 0 then begin
        _Cost[225] :=
2*((2*numb_wqp_sites_added_prev)*((hrs_wqp_op*rate_op)+cost_wqp_material_ortho));
        inc(TotEval);
        _OM[225] := 0;
        inc(TotEval);
    end;

    //system_analyze_ortho_ff_b32 row: 228
    _CalcCost[226] :=
(pws_cct*p_wqp_all*(1-(p_wqp_annual+p_wqp_triennial+p_wqp_six_red)))*(pbasepo4+pbase
phpo4);
    inc(TotEval);
    if _CalcCost[226] > 0 then begin
        _Cost[226] :=
2*(((2*numb_wqp_sites_added_prev)*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+
cost_wqp_ortho_analyze))+(((2*numb_wqp_sites_added_prev)*pp_commercial_samp)*cost_la
b_ortho_wqp));
        inc(TotEval);
        _OM[226] := 0;
        inc(TotEval);
    end;

    //system_collect_ff_annual_ph row: 229
    _CalcCost[227] := (p_wqp_annual+p_wqp_triennial)*pws_cct*pbaseph;
    inc(TotEval);
    if _CalcCost[227] > 0 then begin
        _Cost[227] :=
((2*numb_wqp_sites_added_prev)*((hrs_wqp_op*rate_op)+cost_wqp_material_ph));
        inc(TotEval);
        _OM[227] := 0;
        inc(TotEval);
    end;

    //system_analyze_ff_annual_ph row: 230
    _CalcCost[228] := (p_wqp_annual+p_wqp_triennial)*pws_cct*pbaseph;
    inc(TotEval);
    if _CalcCost[228] > 0 then begin
        _Cost[228] :=
((((2*numb_wqp_sites_added_prev)*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cost_
wqp_ph_analyze))+(((2*numb_wqp_sites_added_prev)*pp_commercial_samp)*cost_lab_ph_wqp
));
        inc(TotEval);
        _OM[228] := 0;
        inc(TotEval);
    end;

    //system_collect_ff_reduced_ph row: 231
    _CalcCost[229] := p_wqp_six_red*pws_cct*pbaseph;
    inc(TotEval);

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    if _CalcCost[229] > 0 then begin
        _Cost[229] :=
2*((2*numb_wqp_sites_added_prev)*((hrs_wqp_op*rate_op)+cost_wqp_material_ph));
        inc(TotEval);
        _OM[229] := 0;
        inc(TotEval);
    end;

    //system_analyze_ff_reduced_ph row: 232
    _CalcCost[230] := p_wqp_six_red*pws_cct*pbaseph;
    inc(TotEval);
    if _CalcCost[230] > 0 then begin
        _Cost[230] :=
2*(((2*numb_wqp_sites_added_prev)*pp_lab_samp)*((hrs_wqp_analyze_ph_op*rate_op)+cos
t_wqp_ph_analyze))+(((2*numb_wqp_sites_added_prev)*pp_commercial_samp)*cost_lab_ph_w
qp));
        inc(TotEval);
        _OM[230] := 0;
        inc(TotEval);
    end;

    //system_collect_ff_annual_ortho row: 233
    _CalcCost[231] := (p_wqp_annual+p_wqp_triennial)*pws_cct*(pbasepo4+pbasephpo4);
    inc(TotEval);
    if _CalcCost[231] > 0 then begin
        _Cost[231] :=
((2*numb_wqp_sites_added_prev)*((hrs_wqp_op*rate_op)+cost_wqp_material_ortho));
        inc(TotEval);
        _OM[231] := 0;
        inc(TotEval);
    end;

    //system_analyze_ff_annual_ortho row: 234
    _CalcCost[232] := (p_wqp_annual+p_wqp_triennial)*pws_cct*(pbasepo4+pbasephpo4);
    inc(TotEval);
    if _CalcCost[232] > 0 then begin
        _Cost[232] :=
((((2*numb_wqp_sites_added_prev)*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+co
st_wqp_ortho_analyze))+(((2*numb_wqp_sites_added_prev)*pp_commercial_samp)*cost_lab_
ortho_wqp));
        inc(TotEval);
        _OM[232] := 0;
        inc(TotEval);
    end;

    //system_collect_ff_reduced_ortho row: 235
    _CalcCost[233] := p_wqp_six_red*pws_cct*(pbasepo4+pbasephpo4);
    inc(TotEval);
    if _CalcCost[233] > 0 then begin
        _Cost[233] :=

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2*((2*numb_wqp_sites_added_prev)*((hrs_wqp_op*rate_op)+cost_wqp_material_ortho));
    inc(TotEval);
    _OM[233] := 0;
inc(TotEval);
end;

//system_analyze_ff_reduced_ortho row: 236
_CalcCost[234] := p_wqp_six_red*pws_cct*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[234] > 0 then begin
    _Cost[234] :=
2*(((2*numb_wqp_sites_added_prev)*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+
cost_wqp_ortho_analyze))+(((2*numb_wqp_sites_added_prev)*pp_commercial_samp)*cost_la
b_ortho_wqp));
    inc(TotEval);
    _OM[234] := 0;
inc(TotEval);
end;

//system_devel_tap row: 237
_CalcCost[235] := 1-b_state_one;
inc(TotEval);
if _CalcCost[235] > 0 then begin
    _Cost[235] := (hrs_devel_samp_op*rate_op);
    inc(TotEval);
    _OM[235] := 0;
inc(TotEval);
end;

//state_devel_tap row: 238
_CalcCost[236] := b_state_one;
inc(TotEval);
if _CalcCost[236] > 0 then begin
    _Cost[236] := (hrs_devel_samp_op*rate_op);
    inc(TotEval);
    _OM[236] := 0;
inc(TotEval);
end;

//system_confer_tap row: 239
_Cost[237] := (hrs_initial_tap_confer_op*rate_op);
    inc(TotEval);
    _OM[237] := 0;
inc(TotEval);

//state_review_tap row: 240
_Cost[238] := (hrs_rev_samp_js*rate_js);
    inc(TotEval);
    _OM[238] := 0;
inc(TotEval);

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//system_report_tap_change_r1 row: 241
_CalcCost[239] := (1-system_pou)*pws_lsl;
inc(TotEval);
if _CalcCost[239] > 0 then begin
    _Cost[239] := 2*(hrs_chng_tap_op*rate_op);
    inc(TotEval);
    _OM[239] := 0;
inc(TotEval);
end;

//state_review_tap_change_r1 row: 242
_CalcCost[240] := (1-system_pou)*pws_lsl;
inc(TotEval);
if _CalcCost[240] > 0 then begin
    _Cost[240] := 2*(hrs_chng_tap_js*rate_js);
    inc(TotEval);
    _OM[240] := 0;
inc(TotEval);
end;

//system_volunt_lt_r1 row: 243
_CalcCost[241] := (1-system_pou)*pws_lsl;
inc(TotEval);
if _CalcCost[241] > 0 then begin
    _Cost[241] :=
2*((numb_samp_customer+(numb_samp_customer*(1-pp_hh_return_samp)))+(numb_samp_custome
r*pp_samp_invalid)+(numb_samp_customer*pp_samp_reject))*(hrs_samp_volunt_op*rate_op)
);
    inc(TotEval);
    _OM[241] := 0;
inc(TotEval);
end;

//system_incentive_lt_r1 row: 244
_CalcCost[242] := (1-system_pou)*p_incentive*pws_lsl;
inc(TotEval);
if _CalcCost[242] > 0 then begin
    _Cost[242] := 2*(numb_samp_customer*cost_incentive);
    inc(TotEval);
    _OM[242] := 0;
inc(TotEval);
end;

//system_hrs_discuss_baseline_lt_r1 row: 245
_CalcCost[243] := (1-system_pou)*pws_lsl;
inc(TotEval);
if _CalcCost[243] > 0 then begin
    _Cost[243] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1

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-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*(hrs_discuss_samp_op*rate_
op));
    inc(TotEval);
    _OM[243] := 0;
    inc(TotEval);
    end;

    //system_discuss_baseline_lt_r1_5lt row: 246
    _CalcCost[244] := (1-system_pou)*(1-b_state_two)*pws_lsl;
    inc(TotEval);
    if _CalcCost[244] > 0 then begin
        _Cost[244] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_5_lt_samp);
        inc(TotEval);
        _OM[244] := 0;
        inc(TotEval);
        end;

    //state_discuss_baseline_lt_r1_5lt row: 247
    _CalcCost[245] := (1-system_pou)*b_state_two*pws_lsl;
    inc(TotEval);
    if _CalcCost[245] > 0 then begin
        _Cost[245] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_5_lt_samp);
        inc(TotEval);
        _OM[245] := 0;
        inc(TotEval);
        end;

    //system_pickup_baseline_lt_r1 row: 248
    _CalcCost[246] := (1-system_pou)*pws_lsl;
    inc(TotEval);
    if _CalcCost[246] > 0 then begin
        _Cost[246] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*((hrs_pickup_samp_op*rate_
op)+cost_pickup_samp));
        inc(TotEval);
        _OM[246] := 0;
        inc(TotEval);
        end;

    //system_reject_baseline_lt_r1 row: 249
    _CalcCost[247] := (1-system_pou)*pws_lsl;
    inc(TotEval);
    if _CalcCost[247] > 0 then begin
        _Cost[247] :=
2*((numb_samp_customer*pp_samp_reject)*(hrs_samp_reject_op*rate_op));

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        inc(TotEval);
        _OM[247] := 0;
    inc(TotEval);
end;

//system_analyze_baseline_lt_r1 row: 250
_CalcCost[248] := (1-system_pou)*(1-b_state_two)*pws_lsl;
inc(TotEval);
if _CalcCost[248] > 0 then begin
    _Cost[248] :=
2*(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_an
alyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*
pp_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab));
    inc(TotEval);
    _OM[248] := 0;
inc(TotEval);
end;

//state_analyze_baseline_lt_r1 row: 251
_CalcCost[249] := (1-system_pou)*b_state_two*pws_lsl;
inc(TotEval);
if _CalcCost[249] > 0 then begin
    _Cost[249] :=
2*(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_an
alyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*
pp_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab));
    inc(TotEval);
    _OM[249] := 0;
inc(TotEval);
end;

//system_invalid_baseline_lt_r1 row: 252
_CalcCost[250] := (1-system_pou)*pws_lsl;
inc(TotEval);
if _CalcCost[250] > 0 then begin
    _Cost[250] :=
2*((numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op));
    inc(TotEval);
    _OM[250] := 0;
inc(TotEval);
end;

//state_invalid_baseline_lt_r1 row: 253
_CalcCost[251] := (1-system_pou)*pws_lsl;
inc(TotEval);
if _CalcCost[251] > 0 then begin
    _Cost[251] :=
2*((numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js));
    inc(TotEval);
    _OM[251] := 0;

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inc(TotEval);
end;

//system_annual_lt_r1 row: 254
_CalcCost[252] := (1-system_pou)*(1-b_state_two)*pws_lsl;
inc(TotEval);
if _CalcCost[252] > 0 then begin
    _Cost[252] := 2*(hrs_annual_lt_op*rate_op);
    inc(TotEval);
    _OM[252] := 0;
inc(TotEval);
end;

//state_burd_annual_lt_r1 row: 255
_CalcCost[253] := (1-system_pou)*b_state_two*pws_lsl;
inc(TotEval);
if _CalcCost[253] > 0 then begin
    _Cost[253] := 2*(hrs_annual_lt_op*rate_op);
    inc(TotEval);
    _OM[253] := 0;
inc(TotEval);
end;

//state_annual_lt_r1 row: 256
_CalcCost[254] := (1-system_pou)*(1-b_state_two)*pws_lsl;
inc(TotEval);
if _CalcCost[254] > 0 then begin
    _Cost[254] := 2*(hrs_annual_lt_js*rate_js);
    inc(TotEval);
    _OM[254] := 0;
inc(TotEval);
end;

//system_lt_pe_r1 row: 257
_CalcCost[255] := (1-system_pou)*pws_lsl;
inc(TotEval);
if _CalcCost[255] > 0 then begin
    _Cost[255] :=
2*((numb_samp_customer)*((hrs_inform_samp_op*rate_op)+cost_cust_lt));
    inc(TotEval);
    _OM[255] := 0;
inc(TotEval);
end;

//system_certify_lt_r1 row: 258
_CalcCost[256] := (1-system_pou)*pws_lsl;
inc(TotEval);
if _CalcCost[256] > 0 then begin
    _Cost[256] := 2*(hrs_cert_cust_lt_op*rate_op);
    inc(TotEval);

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    _OM[256] := 0;
inc(TotEval);
end;

//state_review_lt_r1 row: 259
_CalcCost[257] := (1-system_pou)*pws_lsl;
inc(TotEval);
if _CalcCost[257] > 0 then begin
    _Cost[257] := 2*(hrs_cert_cust_lt_js*rate_js);
    inc(TotEval);
    _OM[257] := 0;
inc(TotEval);
end;

//system_lt_pe_ntncws_tap_r1 row: 260
_CalcCost[258] := (1-system_pou)*pws_lsl;
inc(TotEval);
if _CalcCost[258] > 0 then begin
    _Cost[258] := 2*((hrs_ntncws_inform_samp_op*rate_op)+cost_ntncws_cust_lt);
    inc(TotEval);
    _OM[258] := 0;
inc(TotEval);
end;

//system_nolsl_report_tap_change_b3 row: 261
_CalcCost[259] := (1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[259] > 0 then begin
    _Cost[259] := 2*(hrs_chng_tap_op*rate_op);
    inc(TotEval);
    _OM[259] := 0;
inc(TotEval);
end;

//state_nolsl_review_tap_change_b3 row: 262
_CalcCost[260] := (1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[260] > 0 then begin
    _Cost[260] := 2*(hrs_chng_tap_js*rate_js);
    inc(TotEval);
    _OM[260] := 0;
inc(TotEval);
end;

//system_nolsl_volunt_lt_b3 row: 263
_CalcCost[261] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change))*(1-pws_lsl);
inc(TotEval);
if _CalcCost[261] > 0 then begin

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        _Cost[261] :=
2*((numb_samp_customer+(numb_samp_customer*(1-pp_hh_return_samp)))+(numb_samp_custome
r*pp_samp_invalid)+(numb_samp_customer*pp_samp_reject))*(hrs_samp_volunt_op*rate_op)
);
        inc(TotEval);
        _OM[261] := 0;
        inc(TotEval);
        end;

//system_nolsl_incentive_lt_b3 row: 264
        _CalcCost[262] :=
((1-(p_tap_annual+p_tap_triennial+p_tap_nine))*p_incentive)*(1-system_pou)*(1-(p_sou
rce_chng+p_treat_change))*(1-pws_lsl);
        inc(TotEval);
        if _CalcCost[262] > 0 then begin
            _Cost[262] := 2*(numb_samp_customer*cost_incentive);
            inc(TotEval);
            _OM[262] := 0;
            inc(TotEval);
        end;

//system_nolsl_hrs_discuss_baseline_lt_b3_5lt row: 265
        _CalcCost[263] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_tre
at_change))*(1-pws_lsl);
        inc(TotEval);
        if _CalcCost[263] > 0 then begin
            _Cost[263] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*(hrs_discuss_samp_op*rate_
op));
            inc(TotEval);
            _OM[263] := 0;
            inc(TotEval);
        end;

//system_nolsl_discuss_baseline_lt_b3_5lt row: 266
        _CalcCost[264] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-b_state_two)*(1-(p_s
ource_chng+p_treat_change))*(1-pws_lsl);
        inc(TotEval);
        if _CalcCost[264] > 0 then begin
            _Cost[264] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_5_lt_samp);
            inc(TotEval);
            _OM[264] := 0;
            inc(TotEval);
        end;

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//state_nolsl_discuss_baseline_lt_b3_5lt row: 267
_CalcCost[265] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[265] > 0 then begin
    _Cost[265] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_5_lt_samp);
    inc(TotEval);
    _OM[265] := 0;
    inc(TotEval);
end;

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//system_nolsl_pickup_baseline_lt_b3 row: 268
_CalcCost[266] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change))*(1-pws_lsl);
inc(TotEval);
if _CalcCost[266] > 0 then begin
    _Cost[266] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*((hrs_pickup_samp_op*rate_op)+cost_pickup_samp));
    inc(TotEval);
    _OM[266] := 0;
    inc(TotEval);
end;

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//system_nolsl_reject_baseline_lt_b3 row: 269
_CalcCost[267] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change))*(1-pws_lsl);
inc(TotEval);
if _CalcCost[267] > 0 then begin
    _Cost[267] :=
2*((numb_samp_customer*pp_samp_reject)*(hrs_samp_reject_op*rate_op));
    inc(TotEval);
    _OM[267] := 0;
    inc(TotEval);
end;

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//system_nolsl_analyze_baseline_lt_b3 row: 270
_CalcCost[268] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change))*(1-pws_lsl);
inc(TotEval);
if _CalcCost[268] > 0 then begin
    _Cost[268] :=
2((((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp))*((hrs_an

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alyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*
pp_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab));
    inc(TotEval);
    _OM[268] := 0;
    inc(TotEval);
end;

//state_nolsl_analyze_baseline_lt_b3 row: 271
_CalcCost[269] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*b_state_two*(1-(p_sourc
e_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[269] > 0 then begin
        _Cost[269] :=
2*(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_an
alyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*
pp_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab));
        inc(TotEval);
        _OM[269] := 0;
        inc(TotEval);
    end;

//system_nolsl_invalid_baseline_lt_b3 row: 272
_CalcCost[270] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_tre
at_change))*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[270] > 0 then begin
        _Cost[270] :=
2*((numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op));
        inc(TotEval);
        _OM[270] := 0;
        inc(TotEval);
    end;

//state_nolsl_invalid_baseline_lt_b3 row: 273
_CalcCost[271] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_tre
at_change))*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[271] > 0 then begin
        _Cost[271] :=
2*((numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js));
        inc(TotEval);
        _OM[271] := 0;
        inc(TotEval);
    end;

//system_nolsl_lt_pe_b3 row: 274
_CalcCost[272] :=

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(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change))*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[272] > 0 then begin
        _Cost[272] :=
2*((numb_samp_customer)*((hrs_inform_samp_op*rate_op)+cost_cust_lt));
        inc(TotEval);
        _OM[272] := 0;
        inc(TotEval);
    end;

    //system_nolsl_annual_lt_b3 row: 275
    _CalcCost[273] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change))*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[273] > 0 then begin
        _Cost[273] := 2*(hrs_annual_lt_op*rate_op);
        inc(TotEval);
        _OM[273] := 0;
        inc(TotEval);
    end;

    //state_nolsl_burd_annual_lt_b3 row: 276
    _CalcCost[274] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[274] > 0 then begin
        _Cost[274] := 2*(hrs_annual_lt_op*rate_op);
        inc(TotEval);
        _OM[274] := 0;
        inc(TotEval);
    end;

    //state_nolsl_annual_lt_b3 row: 277
    _CalcCost[275] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change))*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[275] > 0 then begin
        _Cost[275] := 2*(hrs_annual_lt_js*rate_js);
        inc(TotEval);
        _OM[275] := 0;
        inc(TotEval);
    end;

    //system_nolsl_certify_lt_b3 row: 278
    _CalcCost[276] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[276] > 0 then begin
        _Cost[276] := 2*(hrs_annual_certify_op*rate_op);
        inc(TotEval);
        _OM[276] := 0;
        inc(TotEval);
    end;

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at_change))*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[276] > 0 then begin
        _Cost[276] := 2*(hrs_cert_cust_lt_op*rate_op);
        inc(TotEval);
        _OM[276] := 0;
    inc(TotEval);
    end;

    //state_nolsl_review_lt_b3 row: 279
    _CalcCost[277] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_tre
at_change))*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[277] > 0 then begin
        _Cost[277] := 2*(hrs_cert_cust_lt_js*rate_js);
        inc(TotEval);
        _OM[277] := 0;
    inc(TotEval);
    end;

    //system_nolsl_volunt_lt_red row: 280
    _CalcCost[278] := (p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[278] > 0 then begin
        _Cost[278] :=
((numb_reduced_tap+(numb_reduced_tap*(1-pp_hh_return_samp)))+(numb_reduced_tap*pp_sam
p_invalid)+(numb_reduced_tap*pp_samp_reject))*(hrs_samp_volunt_op*rate_op));
        inc(TotEval);
        _OM[278] := 0;
    inc(TotEval);
    end;

    //system_nolsl_incentive_lt_red row: 281
    _CalcCost[279] :=
(p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl)*p_incentive;
    inc(TotEval);
    if _CalcCost[279] > 0 then begin
        _Cost[279] := (numb_reduced_tap)*cost_incentive;
        inc(TotEval);
        _OM[279] := 0;
    inc(TotEval);
    end;

    //system_nolsl_hrs_discuss_lt_red_5lt row: 282
    _CalcCost[280] := (p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[280] > 0 then begin
        _Cost[280] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re

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turn_samp))+(numb_reduced_tap*pp_samp_reject))*(hrs_discuss_samp_op*rate_op);
    inc(TotEval);
    _OM[280] := 0;
    inc(TotEval);
end;

//system_nolsl_discuss_lt_red_5lt row: 283
_CalcCost[281] :=
(p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl)*(1-b_state_two);
    inc(TotEval);
    if _CalcCost[281] > 0 then begin
        _Cost[281] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*cost_5_lt_samp;
        inc(TotEval);
        _OM[281] := 0;
        inc(TotEval);
    end;

//state_nolsl_discuss_lt_red_5lt row: 284
_CalcCost[282] :=
(p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl)*b_state_two;
    inc(TotEval);
    if _CalcCost[282] > 0 then begin
        _Cost[282] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*cost_5_lt_samp;
        inc(TotEval);
        _OM[282] := 0;
        inc(TotEval);
    end;

//system_nolsl_pickup_lt_red row: 285
_CalcCost[283] := (p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[283] > 0 then begin
        _Cost[283] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*((hrs_pickup_samp_op*rate_op)+cost_pi
ckup_samp);
        inc(TotEval);
        _OM[283] := 0;
        inc(TotEval);
    end;

//system_nolsl_reject_lt_red row: 286
_CalcCost[284] := (p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[284] > 0 then begin
        _Cost[284] :=

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((numb_reduced_tap*pp_samp_reject)*(hrs_samp_reject_op*rate_op));
    inc(TotEval);
    _OM[284] := 0;
    inc(TotEval);
end;

//system_nolsl_analyze_lt_red_5liter row: 287
_CalcCost[285] :=
(p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl)*(1-b_state_two);
    inc(TotEval);
    if _CalcCost[285] > 0 then begin
        _Cost[285] :=
(((numb_reduced_tap+(numb_reduced_tap*pp_samp_invalid))*pp_lab_samp)*((hrs_analyze_s
amp_op*rate_op)+cost_lab_lt_samp))+(((numb_reduced_tap+(numb_reduced_tap*pp_samp_inv
alid))*pp_commercial_samp)*cost_5_commercial_lab);
        inc(TotEval);
        _OM[285] := 0;
        inc(TotEval);
    end;

//state_nolsl_analyze_lt_red_5liter row: 288
_CalcCost[286] :=
(p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl)*b_state_two;
    inc(TotEval);
    if _CalcCost[286] > 0 then begin
        _Cost[286] :=
(((numb_reduced_tap+(numb_reduced_tap*pp_samp_invalid))*pp_lab_samp)*((hrs_analyze_s
amp_op*rate_op)+cost_lab_lt_samp))+(((numb_reduced_tap+(numb_reduced_tap*pp_samp_inv
alid))*pp_commercial_samp)*cost_5_commercial_lab);
        inc(TotEval);
        _OM[286] := 0;
        inc(TotEval);
    end;

//system_nolsl_invalid_lt_red row: 289
_CalcCost[287] := (p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[287] > 0 then begin
        _Cost[287] :=
(numb_reduced_tap*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op);
        inc(TotEval);
        _OM[287] := 0;
        inc(TotEval);
    end;

//state_nolsl_invalid_lt_red row: 290
_CalcCost[288] := (p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[288] > 0 then begin
        _Cost[288] :=

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(numb_reduced_tap*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js);
    inc(TotEval);
    _OM[288] := 0;
    inc(TotEval);
end;

//system_nolsl_lt_pe_red row: 291
_CalcCost[289] := (p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[289] > 0 then begin
    _Cost[289] := (numb_reduced_tap)*((hrs_inform_samp_op*rate_op)+cost_cust_lt);
    inc(TotEval);
    _OM[289] := 0;
    inc(TotEval);
end;

//system_nolsl_volunt_lt_annual row: 292
_CalcCost[290] := p_tap_annual*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[290] > 0 then begin
    _Cost[290] :=
((numb_samp_customer+(numb_samp_customer*(1-pp_hh_return_samp))+(numb_samp_customer*
pp_samp_invalid)+(numb_samp_customer*pp_samp_reject))*(hrs_samp_volunt_op*rate_op));
    inc(TotEval);
    _OM[290] := 0;
    inc(TotEval);
end;

//system_nolsl_incentive_lt_annual row: 293
_CalcCost[291] := p_tap_annual*(1-system_pou)*(1-pws_lsl)*p_incentive;
inc(TotEval);
if _CalcCost[291] > 0 then begin
    _Cost[291] := (numb_samp_customer)*cost_incentive;
    inc(TotEval);
    _OM[291] := 0;
    inc(TotEval);
end;

//system_nolsl_hrs_discuss_lt_annual_5lt row: 294
_CalcCost[292] := p_tap_annual*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[292] > 0 then begin
    _Cost[292] :=
((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp
_hh_return_samp))+(numb_samp_customer*pp_samp_reject))*(hrs_discuss_samp_op*rate_op)
;
    inc(TotEval);
    _OM[292] := 0;
    inc(TotEval);
end;

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//system_nolsl_discuss_lt_annual_5lt row: 295
_CalcCost[293] := p_tap_annual*(1-system_pou)*(1-pws_lsl)*(1-b_state_two);
inc(TotEval);
if _CalcCost[293] > 0 then begin
    _Cost[293] :=
((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp
_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_5_lt_samp;
    inc(TotEval);
    _OM[293] := 0;
inc(TotEval);
end;

//state_nolsl_discuss_lt_annual_5lt row: 296
_CalcCost[294] := p_tap_annual*(1-system_pou)*(1-pws_lsl)*b_state_two;
inc(TotEval);
if _CalcCost[294] > 0 then begin
    _Cost[294] :=
((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp
_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_5_lt_samp;
    inc(TotEval);
    _OM[294] := 0;
inc(TotEval);
end;

//system_nolsl_pickup_lt_annual row: 297
_CalcCost[295] := p_tap_annual*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[295] > 0 then begin
    _Cost[295] :=
((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp
_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*((hrs_pickup_samp_op*rate_op)
+cost_pickup_samp);
    inc(TotEval);
    _OM[295] := 0;
inc(TotEval);
end;

//system_nolsl_reject_lt_annual row: 298
_CalcCost[296] := p_tap_annual*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[296] > 0 then begin
    _Cost[296] :=
((numb_samp_customer*pp_samp_reject)*(hrs_samp_reject_op*rate_op));
    inc(TotEval);
    _OM[296] := 0;
inc(TotEval);
end;

//system_nolsl_analyze_lt_annual_5liter row: 299

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_CalcCost[297] := p_tap_annual*(1-system_pou)*(1-pws_lsl)*(1-b_state_two);
inc(TotEval);
if _CalcCost[297] > 0 then begin
    _Cost[297] :=
((((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_anal
yze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*pp
_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab));
    inc(TotEval);
    _OM[297] := 0;
    inc(TotEval);
end;

//state_nolsl_analyze_lt_annual_5liter row: 300
_CalcCost[298] := p_tap_annual*(1-system_pou)*(1-pws_lsl)*b_state_two;
inc(TotEval);
if _CalcCost[298] > 0 then begin
    _Cost[298] :=
((((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_anal
yze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*pp
_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab));
    inc(TotEval);
    _OM[298] := 0;
    inc(TotEval);
end;

//system_nolsl_invalid_lt_annual row: 301
_CalcCost[299] := p_tap_annual*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[299] > 0 then begin
    _Cost[299] :=
(numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op);
    inc(TotEval);
    _OM[299] := 0;
    inc(TotEval);
end;

//state_nolsl_invalid_lt_annual row: 302
_CalcCost[300] := p_tap_annual*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[300] > 0 then begin
    _Cost[300] :=
(numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js);
    inc(TotEval);
    _OM[300] := 0;
    inc(TotEval);
end;

//system_nolsl_lt_pe_annual row: 303
_CalcCost[301] := p_tap_annual*(1-system_pou)*(1-pws_lsl);
inc(TotEval);

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    if _CalcCost[301] > 0 then begin
        _Cost[301] :=
(numb_samp_customer)*((hrs_inform_samp_op*rate_op)+cost_cust_lt);
        inc(TotEval);
        _OM[301] := 0;
        inc(TotEval);
    end;

    //system_nolsl_reduced_annual_report row: 304
    _CalcCost[302] :=
(p_tap_annual+p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl)*(1-b_state_two)
;
    inc(TotEval);
    if _CalcCost[302] > 0 then begin
        _Cost[302] := (hrs_annual_lt_op*rate_op);
        inc(TotEval);
        _OM[302] := 0;
        inc(TotEval);
    end;

    //state_nolsl_burd_reduced_annual_report row: 305
    _CalcCost[303] :=
(p_tap_annual+p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl)*b_state_two;
    inc(TotEval);
    if _CalcCost[303] > 0 then begin
        _Cost[303] := (hrs_annual_lt_op*rate_op);
        inc(TotEval);
        _OM[303] := 0;
        inc(TotEval);
    end;

    //state_nolsl_reduced_annual_report row: 306
    _CalcCost[304] :=
(p_tap_annual+p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl)*(1-b_state_two)
;
    inc(TotEval);
    if _CalcCost[304] > 0 then begin
        _Cost[304] := (hrs_annual_lt_js*rate_js);
        inc(TotEval);
        _OM[304] := 0;
        inc(TotEval);
    end;

    //system_nolsl_reduced_annual_certify row: 307
    _CalcCost[305] :=
(p_tap_annual+p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[305] > 0 then begin
        _Cost[305] := (hrs_cert_cust_lt_op*rate_op);
        inc(TotEval);
    end;

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    _OM[305] := 0;
    inc(TotEval);
end;

//state_nolsl_reduced_annual_certify row: 308
_CalcCost[306] :=
(p_tap_annual+p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[306] > 0 then begin
    _Cost[306] := (hrs_cert_cust_lt_js*rate_js);
    inc(TotEval);
    _OM[306] := 0;
inc(TotEval);
end;

//system_nolsl_renew_nine row: 309
_CalcCost[307] := p_tap_nine*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[307] > 0 then begin
    _Cost[307] := (hrs_renew_nine_op*rate_op);
    inc(TotEval);
    _OM[307] := 0;
inc(TotEval);
end;

//state_nolsl_review_nine row: 310
_CalcCost[308] := p_tap_nine*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[308] > 0 then begin
    _Cost[308] := (hrs_renew_nine_js*rate_js);
    inc(TotEval);
    _OM[308] := 0;
inc(TotEval);
end;

//system_nolsl_volunt_lt row: 311
_CalcCost[309] := (1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[309] > 0 then begin
    _Cost[309] :=
2*((numb_samp_customer+(numb_samp_customer*(1-pp_hh_return_samp)))+(numb_samp_custome
r*pp_samp_invalid)+(numb_samp_customer*pp_samp_reject))*(hrs_samp_volunt_op*rate_op)
);
    inc(TotEval);
    _OM[309] := 0;
inc(TotEval);
end;

//system_nolsl_incentive_lt row: 312
_CalcCost[310] := p_incentive*(1-system_pou)*(1-pws_lsl);

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    inc(TotEval);
    if _CalcCost[310] > 0 then begin
        _Cost[310] :=
2*((numb_samp_customer+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*pp_s
amp_reject))*cost_incentive);
        inc(TotEval);
        _OM[310] := 0;
        inc(TotEval);
    end;

    //system_nolsl_hrs_discuss_baseline_lt_5lt row: 313
    _CalcCost[311] := (1-system_pou)*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[311] > 0 then begin
        _Cost[311] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*(hrs_discuss_samp_op*rate_
op));
        inc(TotEval);
        _OM[311] := 0;
        inc(TotEval);
    end;

    //system_nolsl_discuss_baseline_lt_5lt row: 314
    _CalcCost[312] := (1-system_pou)*(1-b_state_two)*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[312] > 0 then begin
        _Cost[312] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*((hrs_discuss_samp_op*rate
_op)+cost_5_lt_samp));
        inc(TotEval);
        _OM[312] := 0;
        inc(TotEval);
    end;

    //state_nolsl_discuss_baseline_lt_5lt row: 315
    _CalcCost[313] := (1-system_pou)*b_state_two*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[313] > 0 then begin
        _Cost[313] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*((hrs_discuss_samp_op*rate
_op)+cost_5_lt_samp));
        inc(TotEval);
        _OM[313] := 0;
        inc(TotEval);
    end;

    //system_nolsl_pickup_baseline_lt row: 316

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    _CalcCost[314] := (1-system_pou)*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[314] > 0 then begin
        _Cost[314] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject)))*((hrs_pickup_samp_op*rate
_op)+cost_pickup_samp);
        inc(TotEval);
        _OM[314] := 0;
        inc(TotEval);
    end;

    //system_nolsl_reject_baseline_lt row: 317
    _CalcCost[315] := (1-system_pou)*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[315] > 0 then begin
        _Cost[315] :=
2*(((numb_samp_customer*pp_samp_reject)*(hrs_samp_reject_op*rate_op)));
        inc(TotEval);
        _OM[315] := 0;
        inc(TotEval);
    end;

    //system_nolsl_analyze_baseline_lt row: 318
    _CalcCost[316] := (1-system_pou)*(1-b_state_two)*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[316] > 0 then begin
        _Cost[316] :=
2*(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_an
alyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*
pp_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab));
        inc(TotEval);
        _OM[316] := 0;
        inc(TotEval);
    end;

    //state_nolsl_analyze_baseline_lt row: 319
    _CalcCost[317] := (1-system_pou)*b_state_two*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[317] > 0 then begin
        _Cost[317] :=
2*(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_an
alyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*
pp_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab));
        inc(TotEval);
        _OM[317] := 0;
        inc(TotEval);
    end;

    //system_nolsl_invalid_baseline_lt row: 320

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    _CalcCost[318] := (1-system_pou)*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[318] > 0 then begin
        _Cost[318] :=
2*((numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op));
        inc(TotEval);
        _OM[318] := 0;
        inc(TotEval);
    end;

    //state_nolsl_invalid_baseline_lt row: 321
    _CalcCost[319] := (1-system_pou)*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[319] > 0 then begin
        _Cost[319] :=
2*((numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js));
        inc(TotEval);
        _OM[319] := 0;
        inc(TotEval);
    end;

    //system_nolsl_annual_lt row: 322
    _CalcCost[320] := (1-system_pou)*(1-b_state_two)*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[320] > 0 then begin
        _Cost[320] := 2*(hrs_annual_lt_op*rate_op);
        inc(TotEval);
        _OM[320] := 0;
        inc(TotEval);
    end;

    //state_nolsl_burd_annual_lt row: 323
    _CalcCost[321] := (1-system_pou)*b_state_two*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[321] > 0 then begin
        _Cost[321] := 2*(hrs_annual_lt_op*rate_op);
        inc(TotEval);
        _OM[321] := 0;
        inc(TotEval);
    end;

    //state_nolsl_annual_lt row: 324
    _CalcCost[322] := (1-system_pou)*(1-b_state_two)*(1-pws_lsl);
    inc(TotEval);
    if _CalcCost[322] > 0 then begin
        _Cost[322] := 2*(hrs_annual_lt_js*rate_js);
        inc(TotEval);
        _OM[322] := 0;
        inc(TotEval);
    end;

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//system_nolsl_lt_pe row: 325
_CalcCost[323] := (1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[323] > 0 then begin
    _Cost[323] :=
2*((numb_samp_customer)*((hrs_inform_samp_op*rate_op)+cost_cust_lt));
    inc(TotEval);
    _OM[323] := 0;
    inc(TotEval);
end;

//system_nolsl_certify_lt row: 326
_CalcCost[324] := (1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[324] > 0 then begin
    _Cost[324] := 2*(hrs_cert_cust_lt_op*rate_op);
    inc(TotEval);
    _OM[324] := 0;
    inc(TotEval);
end;

//state_nolsl_review_lt row: 327
_CalcCost[325] := (1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[325] > 0 then begin
    _Cost[325] := 2*(hrs_cert_cust_lt_js*rate_js);
    inc(TotEval);
    _OM[325] := 0;
    inc(TotEval);
end;

//system_nolsl_lt_pe_ntncws_tap row: 328
_CalcCost[326] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[326] > 0 then begin
    _Cost[326] := 2*((hrs_ntncws_inform_samp_op*rate_op)+cost_ntncws_cust_lt);
    inc(TotEval);
    _OM[326] := 0;
    inc(TotEval);
end;

//system_nolsl_lt_pe_annual_ntncws_tap row: 329
_CalcCost[327] :=
(p_tap_annual+p_tap_triennial+p_tap_nine)*(1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[327] > 0 then begin
    _Cost[327] := ((hrs_ntncws_inform_samp_op*rate_op)+cost_ntncws_cust_lt);
    inc(TotEval);

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    _OM[327] := 0;
    inc(TotEval);
end;

//system_nolsl_lt_pe_ntncws row: 330
_CalcCost[328] := (1-system_pou)*(1-pws_lsl);
inc(TotEval);
if _CalcCost[328] > 0 then begin
    _Cost[328] := 2*((hrs_ntncws_inform_samp_op*rate_op)+cost_ntncws_cust_lt);
    inc(TotEval);
    _OM[328] := 0;
inc(TotEval);
end;

//system_report_tap_change_b3 row: 331
_CalcCost[329] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[329] > 0 then begin
    _Cost[329] := 2*(hrs_chng_tap_op*rate_op);
    inc(TotEval);
    _OM[329] := 0;
inc(TotEval);
end;

//state_review_tap_change_b3 row: 332
_CalcCost[330] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[330] > 0 then begin
    _Cost[330] := 2*(hrs_chng_tap_js*rate_js);
    inc(TotEval);
    _OM[330] := 0;
inc(TotEval);
end;

//system_volunt_lt_b3 row: 333
_CalcCost[331] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[331] > 0 then begin
    _Cost[331] :=
2*((numb_samp_customer+(numb_samp_customer*(1-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*pp_samp_reject))*(hrs_samp_volunt_op*rate_op);
    inc(TotEval);
    _OM[331] := 0;

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inc(TotEval);
end;

//system_incentive_lt_b3 row: 334
_CalcCost[332] :=
((1-(p_tap_annual+p_tap_triennial+p_tap_nine))*p_incentive)*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[332] > 0 then begin
    _Cost[332] := 2*(numb_samp_customer*cost_incentive);
    inc(TotEval);
    _OM[332] := 0;
inc(TotEval);
end;

//system_hrs_discuss_baseline_lt_b3_5lt row: 335
_CalcCost[333] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[333] > 0 then begin
    _Cost[333] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*(hrs_discuss_samp_op*rate_op));
    inc(TotEval);
    _OM[333] := 0;
inc(TotEval);
end;

//system_discuss_baseline_lt_b3_5lt row: 336
_CalcCost[334] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[334] > 0 then begin
    _Cost[334] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_5_lt_samp);
    inc(TotEval);
    _OM[334] := 0;
inc(TotEval);
end;

//state_discuss_baseline_lt_b3_5lt row: 337
_CalcCost[335] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[335] > 0 then begin

```

```

    _Cost[335] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_5_lt_samp);
    inc(TotEval);
    _OM[335] := 0;
    inc(TotEval);
end;

```

```

//system_pickup_baseline_lt_b3 row: 338
    _CalcCost[336] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_tre
at_change));
    inc(TotEval);
    if _CalcCost[336] > 0 then begin
        _Cost[336] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*((hrs_pickup_samp_op*rate_
op)+cost_pickup_samp));
        inc(TotEval);
        _OM[336] := 0;
        inc(TotEval);
    end;

```

```

//system_reject_baseline_lt_b3 row: 339
    _CalcCost[337] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_tre
at_change));
    inc(TotEval);
    if _CalcCost[337] > 0 then begin
        _Cost[337] :=
2*(((numb_samp_customer*pp_samp_reject)*(hrs_samp_reject_op*rate_op));
        inc(TotEval);
        _OM[337] := 0;
        inc(TotEval);
    end;

```

```

//system_analyze_baseline_lt_b3 row: 340
    _CalcCost[338] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-b_state_two)*(1-(p_s
ource_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[338] > 0 then begin
        _Cost[338] :=
2*(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_an
alyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*
pp_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab));
        inc(TotEval);
        _OM[338] := 0;
        inc(TotEval);
    end;

```

```

//state_analyze_baseline_lt_b3 row: 341
_CalcCost[339] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[339] > 0 then begin
    _Cost[339] :=
2*(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab));
    inc(TotEval);
    _OM[339] := 0;
inc(TotEval);
end;

//system_invalid_baseline_lt_b3 row: 342
_CalcCost[340] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[340] > 0 then begin
    _Cost[340] :=
2*((numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op));
    inc(TotEval);
    _OM[340] := 0;
inc(TotEval);
end;

//state_invalid_baseline_lt_b3 row: 343
_CalcCost[341] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[341] > 0 then begin
    _Cost[341] :=
2*((numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js));
    inc(TotEval);
    _OM[341] := 0;
inc(TotEval);
end;

//system_annual_lt_b3 row: 344
_CalcCost[342] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[342] > 0 then begin
    _Cost[342] := 2*(hrs_annual_lt_op*rate_op);
inc(TotEval);
end;

```

```

    _OM[342] := 0;
    inc(TotEval);
end;

//state_burd_annual_lt_b3 row: 345
    _CalcCost[343] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[343] > 0 then begin
        _Cost[343] := 2*(hrs_annual_lt_op*rate_op);
        inc(TotEval);
        _OM[343] := 0;
    end;
    inc(TotEval);
end;

//state_annual_lt_b3 row: 346
    _CalcCost[344] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[344] > 0 then begin
        _Cost[344] := 2*(hrs_annual_lt_js*rate_js);
        inc(TotEval);
        _OM[344] := 0;
    end;
    inc(TotEval);
end;

//system_lt_pe_b3 row: 347
    _CalcCost[345] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[345] > 0 then begin
        _Cost[345] :=
2*((numb_samp_customer)*((hrs_inform_samp_op*rate_op)+cost_cust_lt));
        inc(TotEval);
        _OM[345] := 0;
    end;
    inc(TotEval);
end;

//system_certify_lt_b3 row: 348
    _CalcCost[346] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[346] > 0 then begin
        _Cost[346] := 2*(hrs_cert_cust_lt_op*rate_op);
        inc(TotEval);
        _OM[346] := 0;
    end;

```

```

inc(TotEval);
end;

//state_review_lt_b3 row: 349
_CalcCost[347] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[347] > 0 then begin
    _Cost[347] := 2*(hrs_cert_cust_lt_js*rate_js);
    inc(TotEval);
    _OM[347] := 0;
inc(TotEval);
end;

//system_report_tap_change_annual row: 350
_CalcCost[348] :=
p_tap_annual*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[348] > 0 then begin
    _Cost[348] := (hrs_chng_tap_op*rate_op);
    inc(TotEval);
    _OM[348] := 0;
inc(TotEval);
end;

//state_review_tap_change_annual row: 351
_CalcCost[349] :=
p_tap_annual*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[349] > 0 then begin
    _Cost[349] := (hrs_chng_tap_js*rate_js);
    inc(TotEval);
    _OM[349] := 0;
inc(TotEval);
end;

//system_volunt_lt_annual row: 352
_CalcCost[350] :=
p_tap_annual*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[350] > 0 then begin
    _Cost[350] :=
((numb_samp_customer+(numb_samp_customer*(1-pp_hh_return_samp)))+(numb_samp_customer*
pp_samp_invalid)+(numb_samp_customer*pp_samp_reject))*(hrs_samp_volunt_op*rate_op));
    inc(TotEval);
    _OM[350] := 0;
inc(TotEval);
end;

```



```

//system_incentive_lt_annual row: 353
_CalcCost[351] :=
p_tap_annual*p_incentive*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[351] > 0 then begin
    _Cost[351] := (numb_samp_customer)*cost_incentive;
    inc(TotEval);
    _OM[351] := 0;
    inc(TotEval);
end;

//system_hrs_discuss_lt_annual_5lt row: 354
_CalcCost[352] :=
p_tap_annual*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[352] > 0 then begin
    _Cost[352] :=
((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp
_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*(hrs_discuss_samp_op*rate_op)
;
    inc(TotEval);
    _OM[352] := 0;
    inc(TotEval);
end;

//system_discuss_lt_annual_5lt row: 355
_CalcCost[353] :=
p_tap_annual*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[353] > 0 then begin
    _Cost[353] :=
((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp
_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_5_lt_samp;
    inc(TotEval);
    _OM[353] := 0;
    inc(TotEval);
end;

//state_discuss_lt_annual_5lt row: 356
_CalcCost[354] :=
p_tap_annual*(1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[354] > 0 then begin
    _Cost[354] :=
((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp
_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_5_lt_samp;
    inc(TotEval);
    _OM[354] := 0;
    inc(TotEval);
end;

```

```

//system_pickup_lt_annual row: 357
_CalcCost[355] :=
p_tap_annual*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[355] > 0 then begin
    _Cost[355] :=
((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1-pp
_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*((hrs_pickup_samp_op*rate_op)
+cost_pickup_samp);
inc(TotEval);
_OM[355] := 0;
inc(TotEval);
end;

//system_reject_lt_annual row: 358
_CalcCost[356] :=
p_tap_annual*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[356] > 0 then begin
    _Cost[356] :=
((numb_samp_customer*pp_samp_reject)*(hrs_samp_reject_op*rate_op));
inc(TotEval);
_OM[356] := 0;
inc(TotEval);
end;

//system_analyze_lt_annual row: 359
_CalcCost[357] :=
p_tap_annual*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[357] > 0 then begin
    _Cost[357] :=
(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_analy
ze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*pp_
samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab);
inc(TotEval);
_OM[357] := 0;
inc(TotEval);
end;

//state_analyze_lt_annual row: 360
_CalcCost[358] :=
p_tap_annual*(1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[358] > 0 then begin
    _Cost[358] :=
(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_analy
ze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*pp_
samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab);

```

```

        inc(TotEval);
        _OM[358] := 0;
    inc(TotEval);
end;

//system_invalid_lt_annual row: 361
    _CalcCost[359] :=
p_tap_annual*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[359] > 0 then begin
        _Cost[359] :=
(numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op);
        inc(TotEval);
        _OM[359] := 0;
    inc(TotEval);
end;

//state_invalid_lt_annual row: 362
    _CalcCost[360] :=
p_tap_annual*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[360] > 0 then begin
        _Cost[360] :=
(numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js);
        inc(TotEval);
        _OM[360] := 0;
    inc(TotEval);
end;

//system_reduced_annual_report row: 363
    _CalcCost[361] :=
p_tap_annual*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[361] > 0 then begin
        _Cost[361] := (hrs_annual_lt_op*rate_op);
        inc(TotEval);
        _OM[361] := 0;
    inc(TotEval);
end;

//state_burd_reduced_annual_report row: 364
    _CalcCost[362] :=
p_tap_annual*(1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[362] > 0 then begin
        _Cost[362] := (hrs_annual_lt_op*rate_op);
        inc(TotEval);
        _OM[362] := 0;
    inc(TotEval);
end;

```

```

//state_reduced_annual_report row: 365
_CalcCost[363] :=
p_tap_annual*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[363] > 0 then begin
    _Cost[363] := (hrs_annual_lt_js*rate_js);
    inc(TotEval);
    _OM[363] := 0;
    inc(TotEval);
end;

```

```

//system_lt_pe_annual row: 366
_CalcCost[364] :=
p_tap_annual*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[364] > 0 then begin
    _Cost[364] :=
(numb_samp_customer)*((hrs_inform_samp_op*rate_op)+cost_cust_lt);
    inc(TotEval);
    _OM[364] := 0;
    inc(TotEval);
end;

```

```

//system_reduced_annual_certify row: 367
_CalcCost[365] :=
p_tap_annual*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[365] > 0 then begin
    _Cost[365] := (hrs_cert_cust_lt_op*rate_op);
    inc(TotEval);
    _OM[365] := 0;
    inc(TotEval);
end;

```

```

//state_reduced_annual_certify row: 368
_CalcCost[366] :=
p_tap_annual*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[366] > 0 then begin
    _Cost[366] := (hrs_cert_cust_lt_js*rate_js);
    inc(TotEval);
    _OM[366] := 0;
    inc(TotEval);
end;

```

```

//system_report_tap_change_triennial row: 369
_CalcCost[367] :=
p_tap_triennial*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);

```

```

if _CalcCost[367] > 0 then begin
    _Cost[367] := (hrs_chng_tap_op*rate_op);
    inc(TotEval);
    _OM[367] := 0;
inc(TotEval);
end;

//state_review_tap_change_triennial row: 370
_CalcCost[368] :=
p_tap_triennial*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[368] > 0 then begin
    _Cost[368] := (hrs_chng_tap_js*rate_js);
    inc(TotEval);
    _OM[368] := 0;
inc(TotEval);
end;

//system_volunt_lt_tri row: 371
_CalcCost[369] :=
p_tap_triennial*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[369] > 0 then begin
    _Cost[369] :=
((numb_reduced_tap+(numb_reduced_tap*(1-pp_hh_return_samp)))+(numb_reduced_tap*pp_sam
p_invalid)+(numb_reduced_tap*pp_samp_reject))*(hrs_samp_volunt_op*rate_op));
    inc(TotEval);
    _OM[369] := 0;
inc(TotEval);
end;

//system_incentive_lt_tri row: 372
_CalcCost[370] :=
p_tap_triennial*p_incentive*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[370] > 0 then begin
    _Cost[370] := (numb_reduced_tap)*cost_incentive;
    inc(TotEval);
    _OM[370] := 0;
inc(TotEval);
end;

//system_hrs_discuss_lt_tri_5lt row: 373
_CalcCost[371] :=
p_tap_triennial*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[371] > 0 then begin
    _Cost[371] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*(hrs_discuss_samp_op*rate_op);

```

```

        inc(TotEval);
        _OM[371] := 0;
    inc(TotEval);
end;

//system_discuss_lt_tri_5lt row: 374
    _CalcCost[372] :=
p_tap_triennial*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[372] > 0 then begin
        _Cost[372] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*cost_5_lt_samp;
        inc(TotEval);
        _OM[372] := 0;
    inc(TotEval);
end;

//state_discuss_lt_tri_5lt row: 375
    _CalcCost[373] :=
p_tap_triennial*(1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[373] > 0 then begin
        _Cost[373] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*cost_5_lt_samp;
        inc(TotEval);
        _OM[373] := 0;
    inc(TotEval);
end;

//system_pickup_lt_tri row: 376
    _CalcCost[374] :=
p_tap_triennial*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[374] > 0 then begin
        _Cost[374] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*((hrs_pickup_samp_op*rate_op)+cost_pi
ckup_samp);
        inc(TotEval);
        _OM[374] := 0;
    inc(TotEval);
end;

//system_reject_lt_tri row: 377
    _CalcCost[375] :=
p_tap_triennial*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[375] > 0 then begin

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```

        _Cost[375] := (numb_reduced_tap*pp_samp_reject)*(hrs_samp_reject_op*rate_op);
        inc(TotEval);
        _OM[375] := 0;
        inc(TotEval);
    end;

    //system_analyze_lt_tri row: 378
    _CalcCost[376] :=
p_tap_triennial*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[376] > 0 then begin
        _Cost[376] :=
(((numb_reduced_tap+(numb_reduced_tap*pp_samp_invalid))*pp_lab_samp)*((hrs_analyze_s
amp_op*rate_op)+cost_lab_lt_samp))+(((numb_reduced_tap+(numb_reduced_tap*pp_samp_inv
alid))*pp_commercial_samp)*cost_5_commercial_lab);
        inc(TotEval);
        _OM[376] := 0;
        inc(TotEval);
    end;

    //state_analyze_lt_tri row: 379
    _CalcCost[377] :=
p_tap_triennial*(1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[377] > 0 then begin
        _Cost[377] :=
(((numb_reduced_tap+(numb_reduced_tap*pp_samp_invalid))*pp_lab_samp)*((hrs_analyze_s
amp_op*rate_op)+cost_lab_lt_samp))+(((numb_reduced_tap+(numb_reduced_tap*pp_samp_inv
alid))*pp_commercial_samp)*cost_5_commercial_lab);
        inc(TotEval);
        _OM[377] := 0;
        inc(TotEval);
    end;

    //system_invalid_lt_tri row: 380
    _CalcCost[378] :=
p_tap_triennial*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[378] > 0 then begin
        _Cost[378] :=
(numb_reduced_tap*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op);
        inc(TotEval);
        _OM[378] := 0;
        inc(TotEval);
    end;

    //state_invalid_lt_tri row: 381
    _CalcCost[379] :=
p_tap_triennial*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);

```

```

    if _CalcCost[379] > 0 then begin
        _Cost[379] :=
(numb_reduced_tap*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js);
        inc(TotEval);
        _OM[379] := 0;
        inc(TotEval);
    end;

    //system_reduced_triennial_report row: 382
    _CalcCost[380] :=
p_tap_triennial*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[380] > 0 then begin
        _Cost[380] := (hrs_annual_lt_op*rate_op);
        inc(TotEval);
        _OM[380] := 0;
        inc(TotEval);
    end;

    //state_burd_reduced_triennial_report row: 383
    _CalcCost[381] :=
p_tap_triennial*(1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[381] > 0 then begin
        _Cost[381] := (hrs_annual_lt_op*rate_op);
        inc(TotEval);
        _OM[381] := 0;
        inc(TotEval);
    end;

    //state_reduced_triennial_report row: 384
    _CalcCost[382] :=
p_tap_triennial*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[382] > 0 then begin
        _Cost[382] := (hrs_annual_lt_js*rate_js);
        inc(TotEval);
        _OM[382] := 0;
        inc(TotEval);
    end;

    //system_lt_pe_tri row: 385
    _CalcCost[383] :=
p_tap_triennial*(1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[383] > 0 then begin
        _Cost[383] := (numb_reduced_tap)*((hrs_inform_samp_op*rate_op)+cost_cust_lt);
        inc(TotEval);
        _OM[383] := 0;
        inc(TotEval);
    end;

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end;

//system_reduced_triennial_certify row: 386
_CalcCost[384] :=
p_tap_triennial*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[384] > 0 then begin
    _Cost[384] := (hrs_cert_cust_lt_op*rate_op);
    inc(TotEval);
    _OM[384] := 0;
    inc(TotEval);
end;

//state_reduced_triennial_certify row: 387
_CalcCost[385] :=
p_tap_triennial*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[385] > 0 then begin
    _Cost[385] := (hrs_cert_cust_lt_js*rate_js);
    inc(TotEval);
    _OM[385] := 0;
    inc(TotEval);
end;

//system_report_tap_change_nine row: 388
_CalcCost[386] := p_tap_nine*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[386] > 0 then begin
    _Cost[386] := (hrs_chng_tap_op*rate_op);
    inc(TotEval);
    _OM[386] := 0;
    inc(TotEval);
end;

//state_review_tap_change_nine row: 389
_CalcCost[387] := p_tap_nine*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[387] > 0 then begin
    _Cost[387] := (hrs_chng_tap_js*rate_js);
    inc(TotEval);
    _OM[387] := 0;
    inc(TotEval);
end;

//system_volunt_lt_nine row: 390
_CalcCost[388] := p_tap_nine*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[388] > 0 then begin
    _Cost[388] :=
((numb_reduced_tap+(numb_reduced_tap*(1-pp_hh_return_samp)))+(numb_reduced_tap*pp_sam

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p_invalid)+(numb_reduced_tap*pp_samp_reject))*(hrs_samp_volunt_op*rate_op));
    inc(TotEval);
    _OM[388] := 0;
    inc(TotEval);
end;

//system_incentive_lt_nine row: 391
_CalcCost[389] :=
p_tap_nine*p_incentive*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[389] > 0 then begin
    _Cost[389] := (numb_reduced_tap)*cost_incentive;
    inc(TotEval);
    _OM[389] := 0;
    inc(TotEval);
end;

//system_hrs_discuss_lt_nine_5lt row: 392
_CalcCost[390] := p_tap_nine*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[390] > 0 then begin
    _Cost[390] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*(hrs_discuss_samp_op*rate_op);
    inc(TotEval);
    _OM[390] := 0;
    inc(TotEval);
end;

//system_discuss_lt_nine_5lt row: 393
_CalcCost[391] :=
p_tap_nine*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[391] > 0 then begin
    _Cost[391] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*cost_5_lt_samp;
    inc(TotEval);
    _OM[391] := 0;
    inc(TotEval);
end;

//state_discuss_lt_nine_5lt row: 394
_CalcCost[392] :=
p_tap_nine*(1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[392] > 0 then begin
    _Cost[392] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*cost_5_lt_samp;

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        inc(TotEval);
        _OM[392] := 0;
    inc(TotEval);
end;

//system_pickup_lt_nine row: 395
_CalcCost[393] := p_tap_nine*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[393] > 0 then begin
    _Cost[393] :=
((numb_reduced_tap)+(numb_reduced_tap*pp_samp_invalid)+(numb_reduced_tap*(1-pp_hh_re
turn_samp)))+(numb_reduced_tap*pp_samp_reject))*((hrs_pickup_samp_op*rate_op)+cost_pi
ckup_samp);
    inc(TotEval);
    _OM[393] := 0;
    inc(TotEval);
end;

//system_reject_lt_nine row: 396
_CalcCost[394] := p_tap_nine*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[394] > 0 then begin
    _Cost[394] := (numb_reduced_tap*pp_samp_reject)*(hrs_samp_reject_op*rate_op);
    inc(TotEval);
    _OM[394] := 0;
    inc(TotEval);
end;

//system_analyze_lt_nine row: 397
_CalcCost[395] :=
p_tap_nine*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[395] > 0 then begin
    _Cost[395] :=
(((numb_reduced_tap+(numb_reduced_tap*pp_samp_invalid))*pp_lab_samp)*((hrs_analyze_s
amp_op*rate_op)+cost_lab_lt_samp))+(((numb_reduced_tap+(numb_reduced_tap*pp_samp_inv
alid))*pp_commercial_samp)*cost_5_commercial_lab);
    inc(TotEval);
    _OM[395] := 0;
    inc(TotEval);
end;

//state_analyze_lt_nine row: 398
_CalcCost[396] :=
p_tap_nine*(1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[396] > 0 then begin
    _Cost[396] :=
(((numb_reduced_tap+(numb_reduced_tap*pp_samp_invalid))*pp_lab_samp)*((hrs_analyze_s
amp_op*rate_op)+cost_lab_lt_samp))+(((numb_reduced_tap+(numb_reduced_tap*pp_samp_inv

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alid))*pp_commercial_samp)*cost_5_commercial_lab);
    inc(TotEval);
    _OM[396] := 0;
    inc(TotEval);
end;

//system_invalid_lt_nine row: 399
_CalcCost[397] := p_tap_nine*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[397] > 0 then begin
    _Cost[397] :=
(numb_reduced_tap*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op);
    inc(TotEval);
    _OM[397] := 0;
    inc(TotEval);
end;

//state_invalid_lt_nine row: 400
_CalcCost[398] := p_tap_nine*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[398] > 0 then begin
    _Cost[398] :=
(numb_reduced_tap*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js);
    inc(TotEval);
    _OM[398] := 0;
    inc(TotEval);
end;

//system_reduced_nine_report row: 401
_CalcCost[399] :=
p_tap_nine*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[399] > 0 then begin
    _Cost[399] := (hrs_annual_lt_op*rate_op);
    inc(TotEval);
    _OM[399] := 0;
    inc(TotEval);
end;

//state_burd_reduced_nine_report row: 402
_CalcCost[400] :=
p_tap_nine*(1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[400] > 0 then begin
    _Cost[400] := (hrs_annual_lt_op*rate_op);
    inc(TotEval);
    _OM[400] := 0;
    inc(TotEval);
end;

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//state_reduced_nine_report row: 403
_CalcCost[401] :=
p_tap_nine*(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[401] > 0 then begin
    _Cost[401] := (hrs_annual_lt_js*rate_js);
    inc(TotEval);
    _OM[401] := 0;
inc(TotEval);
end;

//system_lt_pe_nine row: 404
_CalcCost[402] := p_tap_nine*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[402] > 0 then begin
    _Cost[402] := (numb_reduced_tap)*((hrs_inform_samp_op*rate_op)+cost_cust_lt);
    inc(TotEval);
    _OM[402] := 0;
inc(TotEval);
end;

//system_reduced_nine_certify row: 405
_CalcCost[403] := p_tap_nine*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[403] > 0 then begin
    _Cost[403] := (hrs_cert_cust_lt_op*rate_op);
    inc(TotEval);
    _OM[403] := 0;
inc(TotEval);
end;

//state_reduced_nine_certify row: 406
_CalcCost[404] := p_tap_nine*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[404] > 0 then begin
    _Cost[404] := (hrs_cert_cust_lt_js*rate_js);
    inc(TotEval);
    _OM[404] := 0;
inc(TotEval);
end;

//system_renew_nine row: 407
_CalcCost[405] := p_tap_nine*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[405] > 0 then begin
    _Cost[405] := (hrs_renew_nine_op*rate_op);
    inc(TotEval);
    _OM[405] := 0;
inc(TotEval);
end;

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//state_review_nine row: 408
_CalcCost[406] := p_tap_nine*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[406] > 0 then begin
    _Cost[406] := (hrs_renew_nine_js*rate_js);
    inc(TotEval);
    _OM[406] := 0;
inc(TotEval);
end;

//system_report_tap_change row: 409
_CalcCost[407] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[407] > 0 then begin
    _Cost[407] := 2*(hrs_chng_tap_op*rate_op);
    inc(TotEval);
    _OM[407] := 0;
inc(TotEval);
end;

//state_review_tap_change row: 410
_CalcCost[408] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[408] > 0 then begin
    _Cost[408] := 2*(hrs_chng_tap_js*rate_js);
    inc(TotEval);
    _OM[408] := 0;
inc(TotEval);
end;

//system_volunt_lt row: 411
_CalcCost[409] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[409] > 0 then begin
    _Cost[409] :=
2*((numb_samp_customer+(numb_samp_customer*(1-pp_hh_return_samp))+(numb_samp_custome
r*pp_samp_invalid)+(numb_samp_customer*pp_samp_reject))*(hrs_samp_volunt_op*rate_op)
);
    inc(TotEval);
    _OM[409] := 0;
inc(TotEval);
end;

//system_incentive_lt row: 412
_CalcCost[410] := p_incentive*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[410] > 0 then begin
    _Cost[410] :=
2*((numb_samp_customer+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*pp_s

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amp_reject))*cost_incentive);
    inc(TotEval);
    _OM[410] := 0;
    inc(TotEval);
end;

//system_hrs_discuss_baseline_lt_5lt row: 413
_CalcCost[411] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[411] > 0 then begin
    _Cost[411] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*(hrs_discuss_samp_op*rate_
op));
    inc(TotEval);
    _OM[411] := 0;
    inc(TotEval);
end;

//system_discuss_baseline_lt_5lt row: 414
_CalcCost[412] :=
(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[412] > 0 then begin
    _Cost[412] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*((hrs_discuss_samp_op*rate
_op)+cost_5_lt_samp));
    inc(TotEval);
    _OM[412] := 0;
    inc(TotEval);
end;

//state_discuss_baseline_lt_5lt row: 415
_CalcCost[413] := (1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[413] > 0 then begin
    _Cost[413] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*((hrs_discuss_samp_op*rate
_op)+cost_5_lt_samp));
    inc(TotEval);
    _OM[413] := 0;
    inc(TotEval);
end;

//system_pickup_baseline_lt row: 416
_CalcCost[414] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[414] > 0 then begin

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        _Cost[414] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject)))*((hrs_pickup_samp_op*rate
_op)+cost_pickup_samp);
        inc(TotEval);
        _OM[414] := 0;
        inc(TotEval);
        end;

//system_reject_baseline_lt row: 417
        _CalcCost[415] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
        inc(TotEval);
        if _CalcCost[415] > 0 then begin
            _Cost[415] :=
2*(((numb_samp_customer*pp_samp_reject)*(hrs_samp_reject_op*rate_op));
            inc(TotEval);
            _OM[415] := 0;
            inc(TotEval);
            end;

//system_analyze_baseline_lt row: 418
        _CalcCost[416] :=
(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
        inc(TotEval);
        if _CalcCost[416] > 0 then begin
            _Cost[416] :=
2*(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_an
alyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*
pp_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab));
            inc(TotEval);
            _OM[416] := 0;
            inc(TotEval);
            end;

//state_analyze_baseline_lt row: 419
        _CalcCost[417] := (1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
        inc(TotEval);
        if _CalcCost[417] > 0 then begin
            _Cost[417] :=
2*(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_an
alyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*
pp_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab));
            inc(TotEval);
            _OM[417] := 0;
            inc(TotEval);
            end;

//system_invalid_baseline_lt row: 420
        _CalcCost[418] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
        inc(TotEval);

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    if _CalcCost[418] > 0 then begin
        _Cost[418] :=
2*((numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op));
        inc(TotEval);
        _OM[418] := 0;
        inc(TotEval);
    end;

    //state_invalid_baseline_lt row: 421
    _CalcCost[419] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[419] > 0 then begin
        _Cost[419] :=
2*((numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js));
        inc(TotEval);
        _OM[419] := 0;
        inc(TotEval);
    end;

    //system_annual_lt row: 422
    _CalcCost[420] :=
(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[420] > 0 then begin
        _Cost[420] := 2*(hrs_annual_lt_op*rate_op);
        inc(TotEval);
        _OM[420] := 0;
        inc(TotEval);
    end;

    //state_burd_annual_lt row: 423
    _CalcCost[421] := (1-system_pou)*b_state_two*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[421] > 0 then begin
        _Cost[421] := 2*(hrs_annual_lt_op*rate_op);
        inc(TotEval);
        _OM[421] := 0;
        inc(TotEval);
    end;

    //state_annual_lt row: 424
    _CalcCost[422] :=
(1-system_pou)*(1-b_state_two)*(1-(p_source_chng+p_treat_change));
    inc(TotEval);
    if _CalcCost[422] > 0 then begin
        _Cost[422] := 2*(hrs_annual_lt_js*rate_js);
        inc(TotEval);
        _OM[422] := 0;
        inc(TotEval);
    end;

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//system_lt_pe row: 425
_CalcCost[423] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[423] > 0 then begin
    _Cost[423] :=
2*((numb_samp_customer)*((hrs_inform_samp_op*rate_op)+cost_cust_lt));
    inc(TotEval);
    _OM[423] := 0;
    inc(TotEval);
end;

//system_certify_lt row: 426
_CalcCost[424] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[424] > 0 then begin
    _Cost[424] := 2*(hrs_cert_cust_lt_op*rate_op);
    inc(TotEval);
    _OM[424] := 0;
    inc(TotEval);
end;

//state_review_lt row: 427
_CalcCost[425] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[425] > 0 then begin
    _Cost[425] := 2*(hrs_cert_cust_lt_js*rate_js);
    inc(TotEval);
    _OM[425] := 0;
    inc(TotEval);
end;

//system_lt_pe_ntncws_tap row: 428
_CalcCost[426] :=
(1-(p_tap_annual+p_tap_triennial+p_tap_nine))*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[426] > 0 then begin
    _Cost[426] := 2*((hrs_ntncws_inform_samp_op*rate_op)+cost_ntncws_cust_lt);
    inc(TotEval);
    _OM[426] := 0;
    inc(TotEval);
end;

//system_lt_pe_annual_ntncws_tap row: 429
_CalcCost[427] :=
p_tap_annual*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[427] > 0 then begin
    _Cost[427] := ((hrs_ntncws_inform_samp_op*rate_op)+cost_ntncws_cust_lt);

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    inc(TotEval);
    _OM[427] := 0;
    inc(TotEval);
end;

//system_lt_pe_tri_ntncws row: 430
_CalcCost[428] :=
p_tap_triennial*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[428] > 0 then begin
    _Cost[428] := ((hrs_ntncws_inform_samp_op*rate_op)+cost_ntncws_cust_lt);
    inc(TotEval);
    _OM[428] := 0;
    inc(TotEval);
end;

//system_lt_pe_nine_ntncws row: 431
_CalcCost[429] := p_tap_nine*(1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[429] > 0 then begin
    _Cost[429] := ((hrs_ntncws_inform_samp_op*rate_op)+cost_ntncws_cust_lt);
    inc(TotEval);
    _OM[429] := 0;
    inc(TotEval);
end;

//system_lt_pe_ntncws row: 432
_CalcCost[430] := (1-system_pou)*(1-(p_source_chng+p_treat_change));
inc(TotEval);
if _CalcCost[430] > 0 then begin
    _Cost[430] := 2*((hrs_ntncws_inform_samp_op*rate_op)+cost_ntncws_cust_lt);
    inc(TotEval);
    _OM[430] := 0;
    inc(TotEval);
end;

//system_report_tap_change_source row: 433
_CalcCost[431] := (1-system_pou)*((p_source_chng*p_source_sig)+p_treat_change);
inc(TotEval);
if _CalcCost[431] > 0 then begin
    _Cost[431] := 2*(hrs_chng_tap_op*rate_op);
    inc(TotEval);
    _OM[431] := 0;
    inc(TotEval);
end;

//state_review_tap_change_source row: 434
_CalcCost[432] := (1-system_pou)*((p_source_chng*p_source_sig)+p_treat_change);
inc(TotEval);
if _CalcCost[432] > 0 then begin

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    _Cost[432] := 2*(hrs_chng_tap_js*rate_js);
    inc(TotEval);
    _OM[432] := 0;
    inc(TotEval);
end;

//system_volunt_lt_source row: 435
_CalcCost[433] := (1-system_pou)*((p_source_chng*p_source_sig)+p_treat_change);
inc(TotEval);
if _CalcCost[433] > 0 then begin
    _Cost[433] :=
2*((numb_samp_customer+(numb_samp_customer*(1-pp_hh_return_samp)))+(numb_samp_custome
r*pp_samp_invalid)+(numb_samp_customer*pp_samp_reject))*(hrs_samp_volunt_op*rate_op)
);
    inc(TotEval);
    _OM[433] := 0;
    inc(TotEval);
end;

//system_incentive_lt_source row: 436
_CalcCost[434] :=
(1-system_pou)*p_incentive*((p_source_chng*p_source_sig)+p_treat_change);
inc(TotEval);
if _CalcCost[434] > 0 then begin
    _Cost[434] := 2*(numb_samp_customer*cost_incentive);
    inc(TotEval);
    _OM[434] := 0;
    inc(TotEval);
end;

//system_hrs_discuss_baseline_lt_source_5lt row: 437
_CalcCost[435] := (1-system_pou)*((p_source_chng*p_source_sig)+p_treat_change);
inc(TotEval);
if _CalcCost[435] > 0 then begin
    _Cost[435] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*(hrs_discuss_samp_op*rate_
op));
    inc(TotEval);
    _OM[435] := 0;
    inc(TotEval);
end;

//system_discuss_baseline_lt_source_5lt row: 438
_CalcCost[436] :=
(1-system_pou)*(1-b_state_two)*((p_source_chng*p_source_sig)+p_treat_change);
inc(TotEval);
if _CalcCost[436] > 0 then begin
    _Cost[436] :=
2*((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1

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-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_5_lt_samp);
    inc(TotEval);
    _OM[436] := 0;
    inc(TotEval);
end;

//state_discuss_baseline_lt_source_5lt row: 439
_CalcCost[437] :=
(1-system_pou)*b_state_two*((p_source_chng*p_source_sig)+p_treat_change);
inc(TotEval);
if _CalcCost[437] > 0 then begin
    _Cost[437] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*cost_5_lt_samp);
    inc(TotEval);
    _OM[437] := 0;
    inc(TotEval);
end;

//system_pickup_baseline_lt_source row: 440
_CalcCost[438] := (1-system_pou)*((p_source_chng*p_source_sig)+p_treat_change);
inc(TotEval);
if _CalcCost[438] > 0 then begin
    _Cost[438] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid)+(numb_samp_customer*(1
-pp_hh_return_samp)))+(numb_samp_customer*pp_samp_reject))*((hrs_pickup_samp_op*rate_
op)+cost_pickup_samp));
    inc(TotEval);
    _OM[438] := 0;
    inc(TotEval);
end;

//system_reject_baseline_lt_source row: 441
_CalcCost[439] := (1-system_pou)*((p_source_chng*p_source_sig)+p_treat_change);
inc(TotEval);
if _CalcCost[439] > 0 then begin
    _Cost[439] :=
2*((numb_samp_customer*pp_samp_reject)*(hrs_samp_reject_op*rate_op));
    inc(TotEval);
    _OM[439] := 0;
    inc(TotEval);
end;

//system_analyze_baseline_lt_source row: 442
_CalcCost[440] :=
(1-system_pou)*(1-b_state_two)*((p_source_chng*p_source_sig)+p_treat_change);
inc(TotEval);
if _CalcCost[440] > 0 then begin
    _Cost[440] :=
2*(((numb_samp_customer)+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_an

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alyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*
pp_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab));
    inc(TotEval);
    _OM[440] := 0;
    inc(TotEval);
end;

//state_analyze_baseline_lt_source row: 443
_CalcCost[441] :=
(1-system_pou)*b_state_two*((p_source_chng*p_source_sig)+p_treat_change);
    inc(TotEval);
    if _CalcCost[441] > 0 then begin
        _Cost[441] :=
2*(((numb_samp_customer+(numb_samp_customer*pp_samp_invalid))*pp_lab_samp)*((hrs_an
alyze_samp_op*rate_op)+cost_lab_lt_samp))+(((numb_samp_customer+(numb_samp_customer*
pp_samp_invalid))*pp_commercial_samp)*cost_5_commercial_lab));
        inc(TotEval);
        _OM[441] := 0;
        inc(TotEval);
    end;

//system_invalid_baseline_lt_source row: 444
_CalcCost[442] := (1-system_pou)*((p_source_chng*p_source_sig)+p_treat_change);
    inc(TotEval);
    if _CalcCost[442] > 0 then begin
        _Cost[442] :=
2*((numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op));
        inc(TotEval);
        _OM[442] := 0;
        inc(TotEval);
    end;

//state_invalid_baseline_lt_source row: 445
_CalcCost[443] := (1-system_pou)*((p_source_chng*p_source_sig)+p_treat_change);
    inc(TotEval);
    if _CalcCost[443] > 0 then begin
        _Cost[443] :=
2*((numb_samp_customer*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js));
        inc(TotEval);
        _OM[443] := 0;
        inc(TotEval);
    end;

//system_annual_lt_source row: 446
_CalcCost[444] :=
(1-system_pou)*(1-b_state_two)*((p_source_chng*p_source_sig)+p_treat_change);
    inc(TotEval);
    if _CalcCost[444] > 0 then begin
        _Cost[444] := 2*(hrs_annual_lt_op*rate_op);
        inc(TotEval);
    end;

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    _OM[444] := 0;
    inc(TotEval);
end;

//state_burd_annual_lt_source row: 447
_CalcCost[445] :=
(1-system_pou)*b_state_two*((p_source_chng*p_source_sig)+p_treat_change);
inc(TotEval);
if _CalcCost[445] > 0 then begin
    _Cost[445] := 2*(hrs_annual_lt_op*rate_op);
    inc(TotEval);
    _OM[445] := 0;
    inc(TotEval);
end;

//state_annual_lt_source row: 448
_CalcCost[446] :=
(1-system_pou)*(1-b_state_two)*((p_source_chng*p_source_sig)+p_treat_change);
inc(TotEval);
if _CalcCost[446] > 0 then begin
    _Cost[446] := 2*(hrs_annual_lt_js*rate_js);
    inc(TotEval);
    _OM[446] := 0;
    inc(TotEval);
end;

//system_lt_pe_source row: 449
_CalcCost[447] := (1-system_pou)*((p_source_chng*p_source_sig)+p_treat_change);
inc(TotEval);
if _CalcCost[447] > 0 then begin
    _Cost[447] :=
2*((numb_samp_customer)*((hrs_inform_samp_op*rate_op)+cost_cust_lt));
    inc(TotEval);
    _OM[447] := 0;
    inc(TotEval);
end;

//system_certify_lt_source row: 450
_CalcCost[448] := (1-system_pou)*((p_source_chng*p_source_sig)+p_treat_change);
inc(TotEval);
if _CalcCost[448] > 0 then begin
    _Cost[448] := 2*(hrs_cert_cust_lt_op*rate_op);
    inc(TotEval);
    _OM[448] := 0;
    inc(TotEval);
end;

//state_review_lt_source row: 451
_CalcCost[449] := (1-system_pou)*((p_source_chng*p_source_sig)+p_treat_change);
inc(TotEval);

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if _CalcCost[449] > 0 then begin
    _Cost[449] := 2*(hrs_cert_cust_lt_js*rate_js);
    inc(TotEval);
    _OM[449] := 0;
inc(TotEval);
end;

//system_nolsl_lt_pe_ntncws_tap_r1 row: 452
_CalcCost[450] := (1-system_pou)*((p_source_chng*p_source_sig)+p_treat_change);
inc(TotEval);
if _CalcCost[450] > 0 then begin
    _Cost[450] := 2*((hrs_ntncws_inform_samp_op*rate_op)+cost_ntncws_cust_lt);
    inc(TotEval);
    _OM[450] := 0;
inc(TotEval);
end;

//state_temp_ccr row: 453
_Cost[451] := (hrs_temp_ccr_js*rate_js);
inc(TotEval);
_OM[451] := 0;
inc(TotEval);

//system_update_ccr row: 454
_Cost[452] := (hrs_update_ccr_op*rate_op);
inc(TotEval);
_OM[452] := 0;
inc(TotEval);

//system_plan_new_outreach row: 455
_CalcCost[453] := pws_lsl;
inc(TotEval);
if _CalcCost[453] > 0 then begin
    _Cost[453] := (hrs_cust_plan_op*rate_op);
    inc(TotEval);
    _OM[453] := 0;
inc(TotEval);
end;

//system_access_lead row: 456
_Cost[454] := (hrs_pub_access_op*rate_op);
inc(TotEval);
_OM[454] := 0;
inc(TotEval);

//system_access_lsl row: 457
_CalcCost[455] := pws_lsl;
inc(TotEval);
if _CalcCost[455] > 0 then begin
    _Cost[455] := (hrs_access_lsl_op*rate_op);

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    inc(TotEval);
    _OM[455] := 0;
inc(TotEval);
end;

//system_maintain_lsl row: 458
_Cost[456] := (hrs_maint_lsl_op*rate_op);
    inc(TotEval);
    _OM[456] := 0;
inc(TotEval);

//system_homeowner_lsl row: 459
_CalcCost[457] := pws_lsl;
inc(TotEval);
if _CalcCost[457] > 0 then begin
    _Cost[457] :=
((pp_hh_request_lslr*(pws_pop/numb_hh))*((hrs_hh_request_op*rate_op)+cost_hh_request
));
    inc(TotEval);
    _OM[457] := 0;
inc(TotEval);
end;

//system_realtor_lsl row: 460
_CalcCost[458] := pws_lsl;
inc(TotEval);
if _CalcCost[458] > 0 then begin
    _Cost[458] :=
(numb_other_request*((hrs_other_request_op*rate_op)+cost_other_request));
    inc(TotEval);
    _OM[458] := 0;
inc(TotEval);
end;

//state_temp_hc row: 461
_Cost[459] := (hrs_pub_temp_hc_js*rate_js);
    inc(TotEval);
    _OM[459] := 0;
inc(TotEval);

//system_devel_list_hc row: 462
_Cost[460] := (numb_ha+1)*(hrs_hc_list_op*rate_op);
    inc(TotEval);
    _OM[460] := 0;
inc(TotEval);

//system_devel_hc row: 463
_Cost[461] := (hrs_pub_devel_hc_op*rate_op);
    inc(TotEval);
    _OM[461] := 0;

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inc(TotEval);

//state_review_hc row: 464
_Cost[462] := (hrs_pub_rev_hc_js*rate_js);
inc(TotEval);
_OM[462] := 0;
inc(TotEval);

//system_comm_hc row: 465
_Cost[463] := (numb_ha+1)*((hrs_hc_op*rate_op)+cost_hc);
inc(TotEval);
_OM[463] := 0;
inc(TotEval);

//state_comm_hc row: 466
_Cost[464] := (hrs_hc_js*rate_js);
inc(TotEval);
_OM[464] := 0;
inc(TotEval);

//system_devel_wr_pe row: 467
_CalcCost[465] := pws_lsl;
inc(TotEval);
if _CalcCost[465] > 0 then begin
    _Cost[465] := (hrs_pub_devel_wtr_op*rate_op);
    inc(TotEval);
    _OM[465] := 0;
inc(TotEval);
end;

//state_review_pe_ww row: 468
_CalcCost[466] := pws_lsl;
inc(TotEval);
if _CalcCost[466] > 0 then begin
    _Cost[466] := (hrs_review_wtr_pe_js*rate_js);
    inc(TotEval);
    _OM[466] := 0;
inc(TotEval);
end;

//system_deliv_pe row: 469
_CalcCost[467] := pws_lsl;
inc(TotEval);
if _CalcCost[467] > 0 then begin
    _Cost[467] :=
((hh_remain_lsl+hh_unknown_remain)*perc_hh_water_wrk)*((hrs_pub_deliv_wtr_op*rate_op
)+cost_pub_deliv_wtr_ed);
    inc(TotEval);
    _OM[467] := 0;
inc(TotEval);

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end;

//system_filter_ww row: 470
_CalcCost[468] := pws_lsl;
inc(TotEval);
if _CalcCost[468] > 0 then begin
    _Cost[468] :=
perc_hh_water_wrk*(hh_remain_lsl+hh_unknown_remain)*cost_filter_hh;
    inc(TotEval);
    _OM[468] := 0;
inc(TotEval);
end;

//system_cert_pe row: 471
_Cost[469] := (hrs_pe_certify_quarterly_op*rate_op);
inc(TotEval);
_OM[469] := 0;
inc(TotEval);

//state_review_cert_pe row: 472
_Cost[470] := (hrs_pe_certify_quarterly_js*rate_js);
inc(TotEval);
_OM[470] := 0;
inc(TotEval);

//system_hrs_collect_sw row: 473
_CalcCost[471] := p_source_chng*p_source_sig;
inc(TotEval);
if _CalcCost[471] > 0 then begin
    _Cost[471] := (numb_ep*numb_st_sample)*(hrs_source_op*rate_op);
    inc(TotEval);
    _OM[471] := 0;
inc(TotEval);
end;

//system_collect_sw row: 474
_CalcCost[472] := p_source_chng*p_source_sig*(1-b_state_two);
inc(TotEval);
if _CalcCost[472] > 0 then begin
    _Cost[472] := (numb_ep*numb_st_sample)*cost_source_material;
    inc(TotEval);
    _OM[472] := 0;
inc(TotEval);
end;

//state_collect_sw row: 475
_CalcCost[473] := p_source_chng*p_source_sig*b_state_two;
inc(TotEval);
if _CalcCost[473] > 0 then begin
    _Cost[473] := (numb_ep*numb_st_sample)*cost_source_material;

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        inc(TotEval);
        _OM[473] := 0;
    inc(TotEval);
end;

//system_analyze_sw row: 476
_CalcCost[474] := p_source_chng*p_source_sig*(1-b_state_two);
inc(TotEval);
if _CalcCost[474] > 0 then begin
    _Cost[474] :=
((pp_lab_samp*(numb_ep*numb_st_sample))*((hrs_analyze_samp_op*rate_op)+cost_source_a
nalyze))+((pp_commercial_samp*(numb_ep*numb_st_sample))*cost_source);
    inc(TotEval);
    _OM[474] := 0;
    inc(TotEval);
end;

//state_analyze_sw row: 477
_CalcCost[475] := p_source_chng*p_source_sig*b_state_two;
inc(TotEval);
if _CalcCost[475] > 0 then begin
    _Cost[475] :=
((pp_lab_samp*(numb_ep*numb_st_sample))*((hrs_analyze_samp_op*rate_op)+cost_source_a
nalyze))+((pp_commercial_samp*(numb_ep*numb_st_sample))*cost_source);
    inc(TotEval);
    _OM[475] := 0;
    inc(TotEval);
end;

//system_report_sw row: 478
_CalcCost[476] := p_source_chng*p_source_sig*(1-b_state_two);
inc(TotEval);
if _CalcCost[476] > 0 then begin
    _Cost[476] := (hrs_report_source_op*rate_op);
    inc(TotEval);
    _OM[476] := 0;
    inc(TotEval);
end;

//state_report_sw row: 479
_CalcCost[477] := p_source_chng*p_source_sig*b_state_two;
inc(TotEval);
if _CalcCost[477] > 0 then begin
    _Cost[477] := (hrs_report_source_op*rate_op);
    inc(TotEval);
    _OM[477] := 0;
    inc(TotEval);
end;

//state_review_sw row: 480

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_CalcCost[478] := p_source_chng*p_source_sig*(1-b_state_two);
inc(TotEval);
if _CalcCost[478] > 0 then begin
    _Cost[478] := (hrs_source_js*rate_js);
    inc(TotEval);
    _OM[478] := 0;
inc(TotEval);
end;

//system_consult_source row: 481
_CalcCost[479] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine))*p_source_chng;
inc(TotEval);
if _CalcCost[479] > 0 then begin
    _Cost[479] := (hrs_coop_source_chng_rout_op*rate_op);
    inc(TotEval);
    _OM[479] := 0;
inc(TotEval);
end;

//state_consult_source row: 482
_CalcCost[480] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine))*p_source_chng;
inc(TotEval);
if _CalcCost[480] > 0 then begin
    _Cost[480] := (hrs_coop_source_chng_rout_js*rate_js);
    inc(TotEval);
    _OM[480] := 0;
inc(TotEval);
end;

//system_consult_treat row: 483
_CalcCost[481] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine))*p_treat_change;
inc(TotEval);
if _CalcCost[481] > 0 then begin
    _Cost[481] := (hrs_coop_treat_chng_rout_op*rate_op);
    inc(TotEval);
    _OM[481] := 0;
inc(TotEval);
end;

//state_consult_treat row: 484
_CalcCost[482] := (1-(p_tap_annual+p_tap_triennial+p_tap_nine))*p_treat_change;
inc(TotEval);
if _CalcCost[482] > 0 then begin
    _Cost[482] := (hrs_coop_treat_chng_rout_js*rate_js);
    inc(TotEval);
    _OM[482] := 0;
inc(TotEval);
end;

//system_consult_source_red row: 485

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_CalcCost[483] := (p_tap_annual+p_tap_triennial+p_tap_nine)*p_source_chng;
inc(TotEval);
if _CalcCost[483] > 0 then begin
    _Cost[483] := (hrs_coop_source_chng_red_op*rate_op);
    inc(TotEval);
    _OM[483] := 0;
inc(TotEval);
end;

//state_consult_source_red row: 486
_CalcCost[484] := (p_tap_annual+p_tap_triennial+p_tap_nine)*p_source_chng;
inc(TotEval);
if _CalcCost[484] > 0 then begin
    _Cost[484] := (hrs_coop_source_chng_red_js*rate_js);
    inc(TotEval);
    _OM[484] := 0;
inc(TotEval);
end;

//system_consult_treat_red row: 487
_CalcCost[485] := (p_tap_annual+p_tap_triennial+p_tap_nine)*p_treat_change;
inc(TotEval);
if _CalcCost[485] > 0 then begin
    _Cost[485] := (hrs_coop_treat_chng_red_op*rate_op);
    inc(TotEval);
    _OM[485] := 0;
inc(TotEval);
end;

//state_consult_treat_red row: 488
_CalcCost[486] := (p_tap_annual+p_tap_triennial+p_tap_nine)*p_treat_change;
inc(TotEval);
if _CalcCost[486] > 0 then begin
    _Cost[486] := (hrs_coop_treat_chng_red_js*rate_js);
    inc(TotEval);
    _OM[486] := 0;
inc(TotEval);
end;

//system_existing_cct row: 489
_CalcCost[487] := pws_cct;
inc(TotEval);
if _CalcCost[487] > 0 then begin
    _Cost[487] := cct_existing_cost;
    inc(TotEval);
    _OM[487] := 0;
inc(TotEval);
end;

//system_revise_cct_mod_al row: 490

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_CalcCost[488] := b_cct_study_mod_al;
inc(TotEval);
if _CalcCost[488] > 0 then begin
    _Cost[488] := cost_cct_study_dem;
    inc(TotEval);
    _OM[488] := 0;
inc(TotEval);
end;

//state_review_cct_plan_mod_al row: 491
_CalcCost[489] := b_cct_study_mod_al;
inc(TotEval);
if _CalcCost[489] > 0 then begin
    _Cost[489] := (hrs_review_cct_study_lead_js*rate_js);
    inc(TotEval);
    _OM[489] := 0;
inc(TotEval);
end;

//state_owqp_cct_modify_al row: 492
_CalcCost[490] := (b_cct_study_mod_al+b_state_cct_treatment_mod_al);
inc(TotEval);
if _CalcCost[490] > 0 then begin
    _Cost[490] := (hrs_reset_owqp_js*rate_js);
    inc(TotEval);
    _OM[490] := 0;
inc(TotEval);
end;

//system_modify_cct_al row: 493
_CalcCost[491] := b_modify_cct_al;
inc(TotEval);
if _CalcCost[491] > 0 then begin
    _Cost[491] := cct_modify_cost;
    inc(TotEval);
    _OM[491] := 0;
inc(TotEval);
end;

//system_cct_study_source_inst row: 494
_CalcCost[492] := b_cct_study_install;
inc(TotEval);
if _CalcCost[492] > 0 then begin
    _Cost[492] := cost_cct_study_dem;
    inc(TotEval);
    _OM[492] := 0;
inc(TotEval);
end;

//state_cct_rec_lcr_source_inst row: 495

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_CalcCost[493] := b_cct_study_install;
inc(TotEval);
if _CalcCost[493] > 0 then begin
    _Cost[493] := (hrs_review_cct_study_lead_js*rate_js);
    inc(TotEval);
    _OM[493] := 0;
inc(TotEval);
end;
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//state_owqp_cct_install_wocct row: 496
_CalcCost[494] := b_cct_study_install;
inc(TotEval);
if _CalcCost[494] > 0 then begin
    _Cost[494] := (hrs_set_owqp_js*rate_js);
    inc(TotEval);
    _OM[494] := 0;
inc(TotEval);
end;
```

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//system_install_cct row: 497
_CalcCost[495] := b_install_cct;
inc(TotEval);
if _CalcCost[495] > 0 then begin
    _Cost[495] := cct_install_cost;
    inc(TotEval);
    _OM[495] := 0;
inc(TotEval);
end;
```

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//system_lslr_report_mand row: 498
_CalcCost[496] := b_lslr_mand;
inc(TotEval);
if _CalcCost[496] > 0 then begin
    _Cost[496] := (hrs_report_lcr_op*rate_op);
    inc(TotEval);
    _OM[496] := 0;
inc(TotEval);
end;
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//state_lslr_review_mand row: 499
_CalcCost[497] := b_lslr_mand;
inc(TotEval);
if _CalcCost[497] > 0 then begin
    _Cost[497] := (hrs_report_lcr_js*rate_js);
    inc(TotEval);
    _OM[497] := 0;
inc(TotEval);
end;
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//system_consult_source_b21 row: 500
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_CalcCost[498] := p_source_chng;
inc(TotEval);
if _CalcCost[498] > 0 then begin
    _Cost[498] := (hrs_coop_source_chng_rout_op*rate_op);
    inc(TotEval);
    _OM[498] := 0;
inc(TotEval);
end;

//state_consult_source_b21 row: 501
_CalcCost[499] := p_source_chng;
inc(TotEval);
if _CalcCost[499] > 0 then begin
    _Cost[499] := (hrs_coop_source_chng_rout_js*rate_js);
    inc(TotEval);
    _OM[499] := 0;
inc(TotEval);
end;

//system_consult_treat_b21 row: 502
_CalcCost[500] := p_treat_change;
inc(TotEval);
if _CalcCost[500] > 0 then begin
    _Cost[500] := (hrs_coop_treat_chng_rout_op*rate_op);
    inc(TotEval);
    _OM[500] := 0;
inc(TotEval);
end;

//state_consult_treat_b21 row: 503
_CalcCost[501] := p_treat_change;
inc(TotEval);
if _CalcCost[501] > 0 then begin
    _Cost[501] := (hrs_coop_treat_chng_rout_js*rate_js);
    inc(TotEval);
    _OM[501] := 0;
inc(TotEval);
end;

//system_plan_lslr_mand row: 504
_CalcCost[502] := b_lslr_study;
inc(TotEval);
if _CalcCost[502] > 0 then begin
    _Cost[502] := (hrs_fin_op_op*rate_op);
    inc(TotEval);
    _OM[502] := 0;
inc(TotEval);
end;

//system_contact_lslr row: 505

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```

    _CalcCost[503] := b_lslr_mand;
    inc(TotEval);
    if _CalcCost[503] > 0 then begin
        _Cost[503] :=
num_lsl_replace*((hrs_replaced_lsl_contact_op*rate_op)+cost_replaced_lsl_contact);
        inc(TotEval);
        _OM[503] := 0;
        inc(TotEval);
    end;

    //system_lslr_one row: 506
    _CalcCost[504] := b_lslr_mand;
    inc(TotEval);
    if _CalcCost[504] > 0 then begin
        _Cost[504] :=
(pp_lslr_cap_emerg*((num_lslr_lsl_replace*cost_lslr_lsl_ccemg_mand_pws)+(num_lslr_pa
rtial_replace*cost_lslr_partial_ccemg_pws)+(num_lslr_gal_prev_lsl_replace*cost_lslr_
gal_prev_lsl_ccemg_pws)+(num_lslr_leadcon_replace*cost_lslr_leadcon_ccemg_pws)+(num_
lslr_gal_prev_leadcon_replace*cost_lslr_gal_prev_leadcon_ccemg_pw)))+(1-pp_lslr_cap
_emerg)*((num_lslr_lsl_replace*cost_lslr_lsl_reg_mand_pws)+(num_lslr_partial_replace
*cost_lslr_partial_reg_pws)+(num_lslr_gal_prev_lsl_replace*cost_lslr_gal_prev_lsl_re
g_pws)+(num_lslr_leadcon_replace*cost_lslr_leadcon_reg_pws)+(num_lslr_gal_prev_leadc
on_replace*cost_lslr_gal_prev_leadcon_reg_pws)));
        inc(TotEval);
        _OM[504] := 0;
        inc(TotEval);
    end;

    //hh_lslr_one row: 507
    _CalcCost[505] := b_lslr_mand;
    inc(TotEval);
    if _CalcCost[505] > 0 then begin
        _Cost[505] := (num_lsl_replace*0);
        inc(TotEval);
        _OM[505] := 0;
        inc(TotEval);
    end;

    //system_deliv_initial_filter_one row: 508
    _CalcCost[506] := b_lslr_mand;
    inc(TotEval);
    if _CalcCost[506] > 0 then begin
        _Cost[506] := num_lsl_replace*cost_filter_hh;
        inc(TotEval);
        _OM[506] := 0;
        inc(TotEval);
    end;

    //system_hrs_collect_tap_filter_one row: 509
    _CalcCost[507] := b_lslr_mand;

```

```

inc(TotEval);
if _CalcCost[507] > 0 then begin
    _Cost[507] :=
(numb_samp_lslr*num_lsl_replace)*(hrs_collect_lsl_lslr_op*rate_op);
    inc(TotEval);
    _OM[507] := 0;
inc(TotEval);
end;

```

```

//system_collect_tap_filter_one row: 510
_CalcCost[508] := b_lslr_mand*(1-b_state_two);
inc(TotEval);
if _CalcCost[508] > 0 then begin
    _Cost[508] := (numb_samp_lslr*num_lsl_replace)*cost_other_lt_samp;
    inc(TotEval);
    _OM[508] := 0;
inc(TotEval);
end;

```

```

//state_collect_tap_filter_one row: 511
_CalcCost[509] := b_lslr_mand*b_state_two;
inc(TotEval);
if _CalcCost[509] > 0 then begin
    _Cost[509] := (numb_samp_lslr*num_lsl_replace)*cost_other_lt_samp;
    inc(TotEval);
    _OM[509] := 0;
inc(TotEval);
end;

```

```

//system_pickup_mand row: 512
_CalcCost[510] := b_lslr_mand;
inc(TotEval);
if _CalcCost[510] > 0 then begin
    _Cost[510] := (numb_samp_lslr*num_lsl_replace)*(cost_pickup_samp);
    inc(TotEval);
    _OM[510] := 0;
inc(TotEval);
end;

```

```

//system_analyze_tap_filter_one row: 513
_CalcCost[511] := b_lslr_mand*(1-b_state_two);
inc(TotEval);
if _CalcCost[511] > 0 then begin
    _Cost[511] :=
(((numb_samp_lslr*num_lsl_replace)*pp_lab_samp)*((hrs_analyze_lsl_lslr_op*rate_op)+c
ost_lab_lsl_lslr))+(((numb_samp_lslr*num_lsl_replace)*pp_commercial_samp)*cost_comme
rcial_lsl_lslr);
    inc(TotEval);
    _OM[511] := 0;
inc(TotEval);
end;

```

```

end;

//state_analyze_tap_filter_one row: 514
_CalcCost[512] := b_lslr_mand*b_state_two;
inc(TotEval);
if _CalcCost[512] > 0 then begin
    _Cost[512] :=
(((numb_samp_lslr*num_lsl_replace)*pp_lab_samp)*((hrs_analyze_lsl_lslr_op*rate_op)+c
ost_lab_lsl_lslr))+(((numb_samp_lslr*num_lsl_replace)*pp_commercial_samp)*cost_comme
rcial_lsl_lslr);
    inc(TotEval);
    _OM[512] := 0;
inc(TotEval);
end;

//system_inform_tap_filter_one row: 515
_CalcCost[513] := b_lslr_mand;
inc(TotEval);
if _CalcCost[513] > 0 then begin
    _Cost[513] := num_lsl_replace*((hrs_inform_samp_op*rate_op)+cost_cust_lslr);
    inc(TotEval);
    _OM[513] := 0;
inc(TotEval);
end;

//system_inform_tap_filter_ntncws row: 516
_CalcCost[514] := b_lslr_mand;
inc(TotEval);
if _CalcCost[514] > 0 then begin
    _Cost[514] := (hrs_ntncws_cust_lslr_op*rate_op)+cost_ntncws_cust_lslr;
    inc(TotEval);
    _OM[514] := 0;
inc(TotEval);
end;

//system_dummy_requested row: 517
_Cost[515] := 0;
inc(TotEval);
_OM[515] := 0;
inc(TotEval);

//system_pe_lead_one row: 518
_Cost[516] := (hrs_pe_al_devel_op*rate_op);
inc(TotEval);
_OM[516] := 0;
inc(TotEval);

//state_pe_lead_one row: 519
_Cost[517] := (hrs_ale_lang_js*rate_js);
inc(TotEval);

```

```

_OM[517] := 0;
inc(TotEval);

//system_deliv_lead_pe_one row: 520
_Cost[518] :=
((pws_pop/numb_hh)*((hrs_distr_edu_op*rate_op)+cost_pe_lcr_delivery));
inc(TotEval);
_OM[518] := 0;
inc(TotEval);

//system_devel_list_pe_one row: 521
_Cost[519] := numb_ha*(hrs_ha_op*rate_op);
inc(TotEval);
_OM[519] := 0;
inc(TotEval);

//system_notify_ha row: 522
_Cost[520] :=
numb_lcr_other_org*((hrs_distr_agencies_pe_op*rate_op)+cost_pe_lead_ale);
inc(TotEval);
_OM[520] := 0;
inc(TotEval);

//system_post_one row: 523
_Cost[521] := (hrs_web_op*rate_op);
inc(TotEval);
_OM[521] := 0;
inc(TotEval);

//system_consult_one row: 524
_Cost[522] := (hrs_ale_consult_op*rate_op);
inc(TotEval);
_OM[522] := 0;
inc(TotEval);

//state_consult_one row: 525
_Cost[523] := (hrs_ale_consult_js*rate_js);
inc(TotEval);
_OM[523] := 0;
inc(TotEval);

//system_other_pe_one row: 526
_Cost[524] := (hrs_ale_other_op*rate_op)+cost_ale_other;
inc(TotEval);
_OM[524] := 0;
inc(TotEval);

//system_pr_one row: 527
_Cost[525] := 2*((hrs_pr_op*rate_op)+cost_pr);
inc(TotEval);

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```

_OM[525] := 0;
inc(TotEval);

//system_collect_wqp_ep_w_cct_ph row: 528
_CalcCost[526] := pws_cct*p_wqp_all*pbaseph;
inc(TotEval);
if _CalcCost[526] > 0 then begin
    _Cost[526] :=
26*((numb_ep*numb_ep_wqp)*((hrs_ep_wqp_op*rate_op)+cost_ep_wqp_ph_material));
    inc(TotEval);
    _OM[526] := 0;
inc(TotEval);
end;

//system_analyze_wqp_ep_w_cct_ph row: 529
_CalcCost[527] := pws_cct*p_wqp_all*pbaseph;
inc(TotEval);
if _CalcCost[527] > 0 then begin
    _Cost[527] :=
26*(((numb_ep*numb_ep_wqp)*pp_lab_samp)*((hrs_wqp_analyze_ph_ep_op*rate_op)+cost_wq
p_analyze_ph_ep))+(((numb_ep*numb_ep_wqp)*pp_commercial_samp)*cost_lab_wqp_ph_ep));
    inc(TotEval);
    _OM[527] := 0;
inc(TotEval);
end;

//system_report_ep_wqp_w_cct_ph row: 530
_CalcCost[528] := pws_cct*p_wqp_all*pbaseph;
inc(TotEval);
if _CalcCost[528] > 0 then begin
    _Cost[528] := 2*(hrs_report_wqp_op*rate_op);
    inc(TotEval);
    _OM[528] := 0;
inc(TotEval);
end;

//state_review_wqp_ep_w_cct_ph row: 531
_CalcCost[529] := pws_cct*p_wqp_all*pbaseph;
inc(TotEval);
if _CalcCost[529] > 0 then begin
    _Cost[529] := 2*(hrs_wqp_js*rate_js);
    inc(TotEval);
    _OM[529] := 0;
inc(TotEval);
end;

//system_collect_wqp_ep_w_cct_ortho row: 532
_CalcCost[530] := pws_cct*p_wqp_all*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[530] > 0 then begin

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```

    _Cost[530] :=
26*((numb_ep*numb_ep_wqp)*((hrs_ep_wqp_op*rate_op)+cost_ep_wqp_ortho_material));
    inc(TotEval);
    _OM[530] := 0;
    inc(TotEval);
end;

//system_analyze_wqp_ep_w_cct_ortho row: 533
_CalcCost[531] := pws_cct*p_wqp_all*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[531] > 0 then begin
    _Cost[531] :=
26*(((numb_ep*numb_ep_wqp)*pp_lab_samp)*((hrs_wqp_analyze_ortho_op*rate_op)+cost_wq
p_analyze_ortho_ep))+(((numb_ep*numb_ep_wqp)*pp_commercial_samp)*cost_lab_wqp_ortho_
ep));
    inc(TotEval);
    _OM[531] := 0;
    inc(TotEval);
end;

//system_report_ep_wqp_w_cct_ortho row: 534
_CalcCost[532] := pws_cct*p_wqp_all*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[532] > 0 then begin
    _Cost[532] := 2*(hrs_report_wqp_op*rate_op);
    inc(TotEval);
    _OM[532] := 0;
    inc(TotEval);
end;

//state_review_wqp_ep_w_cct_ortho row: 535
_CalcCost[533] := pws_cct*p_wqp_all*(pbasepo4+pbasephpo4);
inc(TotEval);
if _CalcCost[533] > 0 then begin
    _Cost[533] := 2*(hrs_wqp_js*rate_js);
    inc(TotEval);
    _OM[533] := 0;
    inc(TotEval);
end;

//system_temp_pou row: 536
_Cost[534] := num_temp_pou*cost_temp_pou;
inc(TotEval);
_OM[534] := 0;
inc(TotEval);

//system_temp_pou_consultation row: 537
_CalcCost[535] := b_temp_pou_1+b_temp_pou_2+b_temp_pou_3+b_temp_pou_4;
inc(TotEval);
if _CalcCost[535] > 0 then begin

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```

    _Cost[535] := hrs_consult_temp_pou_op*rate_js;
    inc(TotEval);
    _OM[535] := 0;
inc(TotEval);
end;

//state_temp_pou_consultation row: 538
_CalcCost[536] := b_temp_pou_1+b_temp_pou_2+b_temp_pou_3+b_temp_pou_4;
inc(TotEval);
if _CalcCost[536] > 0 then begin
    _Cost[536] := hrs_consult_temp_pou_js*rate_js;
    inc(TotEval);
    _OM[536] := 0;
inc(TotEval);
end;

//system_temp_pou_admin_1_2 row: 539
_CalcCost[537] := b_temp_pou_1+b_temp_pou_2;
inc(TotEval);
if _CalcCost[537] > 0 then begin
    _Cost[537] := num_temp_pou*hrs_admin_temp_pou_op*rate_op;
    inc(TotEval);
    _OM[537] := 0;
inc(TotEval);
end;

//system_temp_pou_admin_3 row: 540
_CalcCost[538] := b_temp_pou_3;
inc(TotEval);
if _CalcCost[538] > 0 then begin
    _Cost[538] := num_temp_pou*(hrs_request_pou_op*rate_op);
    inc(TotEval);
    _OM[538] := 0;
inc(TotEval);
end;

//system_temp_pou_plan row: 541
_CalcCost[539] := b_temp_pou_1+b_temp_pou_2+b_temp_pou_3;
inc(TotEval);
if _CalcCost[539] > 0 then begin
    _Cost[539] := hrs_temp_filter_plan_dev_op*rate_op;
    inc(TotEval);
    _OM[539] := 0;
inc(TotEval);
end;

//state_temp_pou_plan row: 542
_CalcCost[540] := b_temp_pou_1+b_temp_pou_2+b_temp_pou_3;
inc(TotEval);
if _CalcCost[540] > 0 then begin

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    _Cost[540] := hrs_temp_filter_plan_dev_js*rate_op;  
    inc(TotEval);  
    _OM[540] := 0;  
inc(TotEval);  
end;
```

```
//system_plan_pou row: 543  
_CalcCost[541] := b_install_pou+b_pou_study;  
inc(TotEval);  
if _CalcCost[541] > 0 then begin  
    _Cost[541] := (hrs_pou_plan_dev_op*rate_op);  
    inc(TotEval);  
    _OM[541] := 0;  
inc(TotEval);  
end;
```

```
//state_confer_pou row: 544  
_CalcCost[542] := b_install_pou+b_pou_study;  
inc(TotEval);  
if _CalcCost[542] > 0 then begin  
    _Cost[542] := (hrs_pou_plan_rev_js*rate_js);  
    inc(TotEval);  
    _OM[542] := 0;  
inc(TotEval);  
end;
```

```
//state_temp_pe_pou row: 545  
_CalcCost[543] := b_install_pou;  
inc(TotEval);  
if _CalcCost[543] > 0 then begin  
    _Cost[543] := (hrs_temp_pou_js*rate_js);  
    inc(TotEval);  
    _OM[543] := 0;  
inc(TotEval);  
end;
```

```
//system_devel_pe_pou row: 546  
_CalcCost[544] := b_install_pou;  
inc(TotEval);  
if _CalcCost[544] > 0 then begin  
    _Cost[544] := (hrs_pe_pou_op*rate_op);  
    inc(TotEval);  
    _OM[544] := 0;  
inc(TotEval);  
end;
```

```
//state_pe_pou_review row: 547  
_CalcCost[545] := b_install_pou;  
inc(TotEval);  
if _CalcCost[545] > 0 then begin
```

```

    _Cost[545] := (hrs_review_pe_pou_js*rate_js);
    inc(TotEval);
    _OM[545] := 0;
    inc(TotEval);
end;

//system_provide_pou_pub_ed row: 548
_CalcCost[546] := system_pou;
inc(TotEval);
if _CalcCost[546] > 0 then begin
    _Cost[546] :=
(pws_pop/numb_hh)*((hrs_print_pe_pou_op*rate_op)+cost_print_pe_pou);
    inc(TotEval);
    _OM[546] := 0;
    inc(TotEval);
end;

//system_provide_pou_pub_ed_ntncws row: 549
_CalcCost[547] := system_pou;
inc(TotEval);
if _CalcCost[547] > 0 then begin
    _Cost[547] := ((hrs_ntncws_distr_pe_pou_op*rate_op)+cost_ntncws_distr_pe_pou);
    inc(TotEval);
    _OM[547] := 0;
    inc(TotEval);
end;

//system_deliv_initial_pou_ntncws row: 550
_CalcCost[548] := system_pou;
inc(TotEval);
if _CalcCost[548] > 0 then begin
    _Cost[548] := numb_pou*annual_pou_cost_hh;
    inc(TotEval);
    _OM[548] := 0;
    inc(TotEval);
end;

//system_hrs_collect_tap_pou_ntncws row: 551
_CalcCost[549] := system_pou;
inc(TotEval);
if _CalcCost[549] > 0 then begin
    _Cost[549] := ((1/3)*numb_pou)*(hrs_source_op*rate_op);
    inc(TotEval);
    _OM[549] := 0;
    inc(TotEval);
end;

//system_collect_tap_pou_ntncws row: 552
_CalcCost[550] := system_pou*(1-b_state_two);
inc(TotEval);

```

```

    if _CalcCost[550] > 0 then begin
        _Cost[550] :=
(((1/3)*numb_pou)+(((1/3)*numb_pou)*pp_samp_invalid))*cost_pou_samp;
        inc(TotEval);
        _OM[550] := 0;
        inc(TotEval);
    end;

    //state_collect_tap_pou_ntncws row: 553
    _CalcCost[551] := system_pou*b_state_two;
    inc(TotEval);
    if _CalcCost[551] > 0 then begin
        _Cost[551] :=
(((1/3)*numb_pou)+(((1/3)*numb_pou)*pp_samp_invalid))*cost_pou_samp;
        inc(TotEval);
        _OM[551] := 0;
        inc(TotEval);
    end;

    //system_analyze_tap_pou_ntncws row: 554
    _CalcCost[552] := system_pou*(1-b_state_two);
    inc(TotEval);
    if _CalcCost[552] > 0 then begin
        _Cost[552] :=
(((1/3)*numb_pou)+(((1/3)*numb_pou)*pp_samp_invalid))*cost_commercial_lab;
        inc(TotEval);
        _OM[552] := 0;
        inc(TotEval);
    end;

    //state_analyze_tap_pou_ntncws row: 555
    _CalcCost[553] := system_pou*b_state_two;
    inc(TotEval);
    if _CalcCost[553] > 0 then begin
        _Cost[553] :=
(((1/3)*numb_pou)+(((1/3)*numb_pou)*pp_samp_invalid))*cost_commercial_lab;
        inc(TotEval);
        _OM[553] := 0;
        inc(TotEval);
    end;

    //system_invalid_ntncws_pou row: 556
    _CalcCost[554] := system_pou;
    inc(TotEval);
    if _CalcCost[554] > 0 then begin
        _Cost[554] :=
(((1/3)*numb_pou)*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op);
        inc(TotEval);
        _OM[554] := 0;
        inc(TotEval);
    end;

```

```

end;

//state_invalid_lt_ntncws_pou row: 557
_CalcCost[555] := system_pou;
inc(TotEval);
if _CalcCost[555] > 0 then begin
    _Cost[555] :=
(((1/3)*numb_pou)*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js);
    inc(TotEval);
    _OM[555] := 0;
inc(TotEval);
end;

//system_lt_pe_annual_ntncws_pou row: 558
_CalcCost[556] := system_pou;
inc(TotEval);
if _CalcCost[556] > 0 then begin
    _Cost[556] := ((hrs_ntncws_inform_samp_op*rate_op)+cost_ntncws_cust_lt);
    inc(TotEval);
    _OM[556] := 0;
inc(TotEval);
end;

//system_deliv_initial_pou_proactive row: 559
_CalcCost[557] := system_pou;
inc(TotEval);
if _CalcCost[557] > 0 then begin
    _Cost[557] := (pws_pop/numb_hh)*annual_pou_cost_hh;
    inc(TotEval);
    _OM[557] := 0;
inc(TotEval);
end;

//system_report_pou row: 560
_CalcCost[558] := system_pou;
inc(TotEval);
if _CalcCost[558] > 0 then begin
    _Cost[558] := (hrs_pou_report_ann_prep_op*rate_op);
    inc(TotEval);
    _OM[558] := 0;
inc(TotEval);
end;

//state_report_pou row: 561
_CalcCost[559] := system_pou;
inc(TotEval);
if _CalcCost[559] > 0 then begin
    _Cost[559] := (hrs_pou_report_ann_rev_js*rate_js);
    inc(TotEval);
    _OM[559] := 0;

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inc(TotEval);
end;

//system_volunt_lt_pou row: 562
_CalcCost[560] := system_pou;
inc(TotEval);
if _CalcCost[560] > 0 then begin
    _Cost[560] :=
(((1/3)*(pws_pop/numb_hh))+((1/3)*(pws_pop/numb_hh))*(1-pp_hh_return_samp))+((1/3)
)*(pws_pop/numb_hh))*pp_samp_invalid)+((1/3)*(pws_pop/numb_hh))*pp_samp_reject))*(h
rs_samp_volunt_pou_op*rate_op));
    inc(TotEval);
    _OM[560] := 0;
inc(TotEval);
end;

//system_hrs_discuss_lt_pou row: 563
_CalcCost[561] := system_pou;
inc(TotEval);
if _CalcCost[561] > 0 then begin
    _Cost[561] :=
(((1/3)*(pws_pop/numb_hh))+((1/3)*(pws_pop/numb_hh))*pp_samp_invalid)+((1/3)*(pws_
pop/numb_hh))*(1-pp_hh_return_samp))+((1/3)*(pws_pop/numb_hh))*pp_samp_reject))*(hr
s_discuss_samp_op*rate_op));
    inc(TotEval);
    _OM[561] := 0;
inc(TotEval);
end;

//system_discuss_lt_pou row: 564
_CalcCost[562] := system_pou*(1-b_state_two);
inc(TotEval);
if _CalcCost[562] > 0 then begin
    _Cost[562] :=
((((1/3)*(pws_pop/numb_hh)))+((1/3)*(pws_pop/numb_hh))*pp_samp_invalid)+((1/3)*(pw
s_pop/numb_hh))*(1-pp_hh_return_samp))+((1/3)*(pws_pop/numb_hh))*pp_samp_reject))*c
ost_pou_samp;
    inc(TotEval);
    _OM[562] := 0;
inc(TotEval);
end;

//state_discuss_lt_pou row: 565
_CalcCost[563] := system_pou*b_state_two;
inc(TotEval);
if _CalcCost[563] > 0 then begin
    _Cost[563] :=
((((1/3)*(pws_pop/numb_hh)))+((1/3)*(pws_pop/numb_hh))*pp_samp_invalid)+((1/3)*(pw
s_pop/numb_hh))*(1-pp_hh_return_samp))+((1/3)*(pws_pop/numb_hh))*pp_samp_reject))*c
ost_pou_samp;

```

```

        inc(TotEval);
        _OM[563] := 0;
    inc(TotEval);
end;

//system_pickup_lt_pou row: 566
_CalcCost[564] := system_pou;
inc(TotEval);
if _CalcCost[564] > 0 then begin
    _Cost[564] :=
    (((1/3)*(pws_pop/numb_hh))+((1/3)*(pws_pop/numb_hh))*pp_samp_invalid)+((1/3)*(pws_pop/numb_hh))*(1-pp_hh_return_samp))+((1/3)*(pws_pop/numb_hh))*pp_samp_reject))*
    (hrs_pickup_samp_op*rate_op)+cost_pickup_samp);
    inc(TotEval);
    _OM[564] := 0;
    inc(TotEval);
end;

//system_reject_lt_pou row: 567
_CalcCost[565] := system_pou;
inc(TotEval);
if _CalcCost[565] > 0 then begin
    _Cost[565] :=
    (((1/3)*(pws_pop/numb_hh))*pp_samp_reject)*(hrs_samp_reject_op*rate_op));
    inc(TotEval);
    _OM[565] := 0;
    inc(TotEval);
end;

//system_analyze_lt_pou row: 568
_CalcCost[566] := system_pou*(1-b_state_two);
inc(TotEval);
if _CalcCost[566] > 0 then begin
    _Cost[566] :=
    (((1/3)*(pws_pop/numb_hh))+((1/3)*(pws_pop/numb_hh))*pp_samp_invalid))*pp_lab_samp
    p)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((1/3)*(pws_pop/numb_hh))+((1/3)*(pws_pop/numb_hh))*pp_samp_invalid))*pp_commercial_samp)*cost_commercial_lab);
    inc(TotEval);
    _OM[566] := 0;
    inc(TotEval);
end;

//state_analyze_lt_pou row: 569
_CalcCost[567] := system_pou*b_state_two;
inc(TotEval);
if _CalcCost[567] > 0 then begin
    _Cost[567] :=
    (((1/3)*(pws_pop/numb_hh))+((1/3)*(pws_pop/numb_hh))*pp_samp_invalid))*pp_lab_samp
    p)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((1/3)*(pws_pop/numb_hh))+((1/3)*(pws_pop/numb_hh))*pp_samp_invalid))*pp_commercial_samp)*cost_commercial_lab);

```

```

    inc(TotEval);
    _OM[567] := 0;
    inc(TotEval);
end;

//system_invalid_lt_pou row: 570
_CalcCost[568] := system_pou;
inc(TotEval);
if _CalcCost[568] > 0 then begin
    _Cost[568] :=
(((1/3)*(pws_pop/numb_hh))*pp_samp_invalid)*(hrs_samp_invalid_op*rate_op);
    inc(TotEval);
    _OM[568] := 0;
    inc(TotEval);
end;

//state_invalid_lt_pou row: 571
_CalcCost[569] := system_pou;
inc(TotEval);
if _CalcCost[569] > 0 then begin
    _Cost[569] :=
(((1/3)*(pws_pop/numb_hh))*pp_samp_invalid)*(hrs_samp_invalid_js*rate_js);
    inc(TotEval);
    _OM[569] := 0;
    inc(TotEval);
end;

//system_lt_pe_pou row: 572
_CalcCost[570] := system_pou;
inc(TotEval);
if _CalcCost[570] > 0 then begin
    _Cost[570] :=
((1/3)*(pws_pop/numb_hh))*((hrs_inform_samp_op*rate_op)+cost_cust_lt);
    inc(TotEval);
    _OM[570] := 0;
    inc(TotEval);
end;

//system_reduced_pou_certify row: 573
_CalcCost[571] := system_pou;
inc(TotEval);
if _CalcCost[571] > 0 then begin
    _Cost[571] := (hrs_cert_cust_lt_op*rate_op);
    inc(TotEval);
    _OM[571] := 0;
    inc(TotEval);
end;

//state_reduced_pou_certify row: 574
_CalcCost[572] := system_pou;

```

```

inc(TotEval);
if _CalcCost[572] > 0 then begin
    _Cost[572] := (hrs_cert_cust_lt_js*rate_js);
    inc(TotEval);
    _OM[572] := 0;
inc(TotEval);
end;

//system_hrs_collect_sw_ale row: 575
_CalcCost[573] := p_copper_ale;
inc(TotEval);
if _CalcCost[573] > 0 then begin
    _Cost[573] := (numb_ep*numb_st_sample)*(hrs_source_op*rate_op);
    inc(TotEval);
    _OM[573] := 0;
inc(TotEval);
end;

//system_collect_sw_ale row: 576
_CalcCost[574] := p_copper_ale*(1-b_state_two);
inc(TotEval);
if _CalcCost[574] > 0 then begin
    _Cost[574] := (numb_ep*numb_st_sample)*cost_source_material;
    inc(TotEval);
    _OM[574] := 0;
inc(TotEval);
end;

//state_collect_sw_ale row: 577
_CalcCost[575] := p_copper_ale*b_state_two;
inc(TotEval);
if _CalcCost[575] > 0 then begin
    _Cost[575] := (numb_ep*numb_st_sample)*cost_source_material;
    inc(TotEval);
    _OM[575] := 0;
inc(TotEval);
end;

//system_analyze_sw_ale row: 578
_CalcCost[576] := p_copper_ale*(1-b_state_two);
inc(TotEval);
if _CalcCost[576] > 0 then begin
    _Cost[576] :=
((pp_lab_samp*(numb_ep*numb_st_sample))*((hrs_analyze_samp_op*rate_op)+cost_source_a
nalyze))+((pp_commercial_samp*(numb_ep*numb_st_sample))*cost_source);
    inc(TotEval);
    _OM[576] := 0;
inc(TotEval);
end;

```



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//state_analyze_sw_ale row: 579
_CalcCost[577] := p_copper_ale*b_state_two;
inc(TotEval);
if _CalcCost[577] > 0 then begin
    _Cost[577] :=
((pp_lab_samp*(numb_ep*numb_st_sample))*((hrs_analyze_samp_op*rate_op)+cost_source_a
nalyze))+((pp_commercial_samp*(numb_ep*numb_st_sample))*cost_source);
    inc(TotEval);
    _OM[577] := 0;
inc(TotEval);
end;

//system_report_sw_ale row: 580
_CalcCost[578] := p_copper_ale*(1-b_state_two);
inc(TotEval);
if _CalcCost[578] > 0 then begin
    _Cost[578] := (hrs_report_source_op*rate_op);
    inc(TotEval);
    _OM[578] := 0;
inc(TotEval);
end;

//state_report_sw_ale row: 581
_CalcCost[579] := p_copper_ale*b_state_two;
inc(TotEval);
if _CalcCost[579] > 0 then begin
    _Cost[579] := (hrs_report_source_op*rate_op);
    inc(TotEval);
    _OM[579] := 0;
inc(TotEval);
end;

//state_review_sw_ale row: 582
_CalcCost[580] := p_copper_ale*(1-b_state_two);
inc(TotEval);
if _CalcCost[580] > 0 then begin
    _Cost[580] := (hrs_source_js*rate_js);
    inc(TotEval);
    _OM[580] := 0;
inc(TotEval);
end;

//system_hrs_collect_sw_ale_b1 row: 583
_Cost[581] := (numb_ep*numb_st_sample)*(hrs_source_op*rate_op);
inc(TotEval);
_OM[581] := 0;
inc(TotEval);

//system_collect_sw_ale_b1 row: 584
_CalcCost[582] := (1-b_state_two);

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inc(TotEval);
if _CalcCost[582] > 0 then begin
    _Cost[582] := (numb_ep*numb_st_sample)*cost_source_material;
    inc(TotEval);
    _OM[582] := 0;
inc(TotEval);
end;

//state_collect_sw_ale_b1 row: 585
_CalcCost[583] := b_state_two;
inc(TotEval);
if _CalcCost[583] > 0 then begin
    _Cost[583] := (numb_ep*numb_st_sample)*cost_source_material;
    inc(TotEval);
    _OM[583] := 0;
inc(TotEval);
end;

//system_analyze_sw_ale_b1 row: 586
_CalcCost[584] := (1-b_state_two);
inc(TotEval);
if _CalcCost[584] > 0 then begin
    _Cost[584] :=
((pp_lab_samp*(numb_ep*numb_st_sample))*((hrs_analyze_samp_op*rate_op)+cost_source_a
nalyze))+((pp_commercial_samp*(numb_ep*numb_st_sample))*cost_source);
    inc(TotEval);
    _OM[584] := 0;
inc(TotEval);
end;

//state_analyze_sw_ale_b1 row: 587
_CalcCost[585] := b_state_two;
inc(TotEval);
if _CalcCost[585] > 0 then begin
    _Cost[585] :=
((pp_lab_samp*(numb_ep*numb_st_sample))*((hrs_analyze_samp_op*rate_op)+cost_source_a
nalyze))+((pp_commercial_samp*(numb_ep*numb_st_sample))*cost_source);
    inc(TotEval);
    _OM[585] := 0;
inc(TotEval);
end;

//system_report_sw_ale_b1 row: 588
_CalcCost[586] := (1-b_state_two);
inc(TotEval);
if _CalcCost[586] > 0 then begin
    _Cost[586] := (hrs_report_source_op*rate_op);
    inc(TotEval);
    _OM[586] := 0;
inc(TotEval);
end;

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end;

//state_report_sw_ale_b1 row: 589
_CalcCost[587] := b_state_two;
inc(TotEval);
if _CalcCost[587] > 0 then begin
    _Cost[587] := (hrs_report_source_op*rate_op);
    inc(TotEval);
    _OM[587] := 0;
inc(TotEval);
end;

//state_review_sw_ale_b1 row: 590
_CalcCost[588] := (1-b_state_two);
inc(TotEval);
if _CalcCost[588] > 0 then begin
    _Cost[588] := (hrs_source_js*rate_js);
    inc(TotEval);
    _OM[588] := 0;
inc(TotEval);
end;

//state_school_annual_rep_3a row: 591
_CalcCost[589] := school_3a;
inc(TotEval);
if _CalcCost[589] > 0 then begin
    _Cost[589] := (hrs_annual_report_school_js*rate_js);
    inc(TotEval);
    _OM[589] := 0;
inc(TotEval);
end;

//state_temp_elem_3a row: 592
_CalcCost[590] := school_3a;
inc(TotEval);
if _CalcCost[590] > 0 then begin
    _Cost[590] := (hrs_temp_school_js*rate_js);
    inc(TotEval);
    _OM[590] := 0;
inc(TotEval);
end;

//state_review_list_elem_3a row: 593
_CalcCost[591] := school_3a;
inc(TotEval);
if _CalcCost[591] > 0 then begin
    _Cost[591] := (hrs_rev_school_list_js*rate_js);
    inc(TotEval);
    _OM[591] := 0;
inc(TotEval);
end;

```

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end;

//state_review_mat_elem_3a row: 594
_CalcCost[592] := school_3a;
inc(TotEval);
if _CalcCost[592] > 0 then begin
    _Cost[592] := (hrs_rev_school_info_js*rate_js);
    inc(TotEval);
    _OM[592] := 0;
inc(TotEval);
end;

//system_second_analyze_3a_vol_priv_1 row: 595
_CalcCost[593] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[593] > 0 then begin
    _Cost[593] :=
((((pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_parti
c)*numb_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_sa
mp))+((((pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_
partic)*numb_samp_five)*pp_commercial_samp_school)*cost_commercial_lab);
    inc(TotEval);
    _OM[593] := 0;
inc(TotEval);
end;

//state_second_analyze_3a_vol_priv_1 row: 596
_CalcCost[594] := school_3a*b_state_two;
inc(TotEval);
if _CalcCost[594] > 0 then begin
    _Cost[594] :=
((((pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_parti
c)*numb_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_sa
mp))+((((pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_
partic)*numb_samp_five)*pp_commercial_samp_school)*cost_commercial_lab);
    inc(TotEval);
    _OM[594] := 0;
inc(TotEval);
end;

//system_second_analyze_3a_vol_1 row: 597
_CalcCost[595] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[595] > 0 then begin
    _Cost[595] :=
((((pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)
*numb_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp
))+((((pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_part
ic)*numb_samp_five)*pp_commercial_samp_school)*cost_commercial_lab);
    inc(TotEval);

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    _OM[595] := 0;
    inc(TotEval);
end;

//state_second_analyze_3a_vol_1 row: 598
_CalcCost[596] := school_3a*b_state_two;
inc(TotEval);
if _CalcCost[596] > 0 then begin
    _Cost[596] :=
((((pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic
*numb_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp
))+((((pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_part
ic)*numb_samp_five)*pp_commercial_samp_school)*cost_commercial_lab);
    inc(TotEval);
    _OM[596] := 0;
    inc(TotEval);
end;

//system_second_analyze_3a_vol_priv row: 599
_CalcCost[597] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[597] > 0 then begin
    _Cost[597] :=
((((pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_parti
c)*numb_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_sa
mp))+((((pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_
partic)*numb_samp_five)*pp_commercial_samp_school)*cost_commercial_lab);
    inc(TotEval);
    _OM[597] := 0;
    inc(TotEval);
end;

//state_second_analyze_3a_vol_priv row: 600
_CalcCost[598] := school_3a*b_state_two;
inc(TotEval);
if _CalcCost[598] > 0 then begin
    _Cost[598] :=
((((pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_parti
c)*numb_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_sa
mp))+((((pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_
partic)*numb_samp_five)*pp_commercial_samp_school)*cost_commercial_lab);
    inc(TotEval);
    _OM[598] := 0;
    inc(TotEval);
end;

//system_second_analyze_3a_vol row: 601
_CalcCost[599] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[599] > 0 then begin

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        _Cost[599] :=
(((pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)
*numb_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp
))+(((pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_part
ic)*numb_samp_five)*pp_commercial_samp_school)*cost_commercial_lab);
        inc(TotEval);
        _OM[599] := 0;
        inc(TotEval);
        end;

//state_second_analyze_3a_vol row: 602
        _CalcCost[600] := school_3a*b_state_two;
        inc(TotEval);
        if _CalcCost[600] > 0 then begin
                _Cost[600] :=
(((pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)
*numb_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp
))+(((pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_part
ic)*numb_samp_five)*pp_commercial_samp_school)*cost_commercial_lab);
                inc(TotEval);
                _OM[600] := 0;
                inc(TotEval);
        end;

//system_daycare_analyze_3a_vol row: 603
        _CalcCost[601] := school_3a*(1-b_state_two);
        inc(TotEval);
        if _CalcCost[601] > 0 then begin
                _Cost[601] :=
(((pp_childcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*numb_samp_t
wo)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((pp_chi
ldcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*numb_samp_two)*pp_com
mercial_samp_school)*cost_commercial_lab);
                inc(TotEval);
                _OM[601] := 0;
                inc(TotEval);
        end;

//state_daycare_analyze_3a_vol row: 604
        _CalcCost[602] := school_3a*b_state_two;
        inc(TotEval);
        if _CalcCost[602] > 0 then begin
                _Cost[602] :=
(((pp_childcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*numb_samp_t
wo)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((pp_chi
ldcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*numb_samp_two)*pp_com
mercial_samp_school)*cost_commercial_lab);
                inc(TotEval);
                _OM[602] := 0;
                inc(TotEval);
        end;

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end;

//system_elem_analyze_3a_vol_priv row: 605
_CalcCost[603] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[603] > 0 then begin
    _Cost[603] :=
((((pp_priv_elem_onreq_waiver*numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*nu
mb_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+
((((pp_priv_elem_onreq_waiver*(numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*nu
mb_samp_five)*pp_commercial_samp_school)*cost_commercial_lab);
    inc(TotEval);
    _OM[603] := 0;
inc(TotEval);
end;

//state_elem_analyze_3a_vol_priv row: 606
_CalcCost[604] := school_3a*b_state_two;
inc(TotEval);
if _CalcCost[604] > 0 then begin
    _Cost[604] :=
((((pp_priv_elem_onreq_waiver*numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*nu
mb_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+
((((pp_priv_elem_onreq_waiver*(numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*nu
mb_samp_five)*pp_commercial_samp_school)*cost_commercial_lab);
    inc(TotEval);
    _OM[604] := 0;
inc(TotEval);
end;

//system_elem_analyze_3a_vol row: 607
_CalcCost[605] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[605] > 0 then begin
    _Cost[605] :=
((((pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*numb
_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+((
(pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*numb_s
amp_five)*pp_commercial_samp_school)*cost_commercial_lab);
    inc(TotEval);
    _OM[605] := 0;
inc(TotEval);
end;

//state_elem_analyze_3a_vol row: 608
_CalcCost[606] := school_3a*b_state_two;
inc(TotEval);
if _CalcCost[606] > 0 then begin
    _Cost[606] :=
((((pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*numb

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_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+((
((pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*numb_s
amp_five)*pp_commercial_samp_school)*cost_commercial_lab);
    inc(TotEval);
    _OM[606] := 0;
    inc(TotEval);
end;

//system_daycare_analyze_3a row: 609
_CalcCost[607] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[607] > 0 then begin
    _Cost[607] :=
(((pp_grandfather_mand_child*numb_daycares*pws_pop*pp_mand_twenty_partic)*numb_samp
_two)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((pp_g
randfather_mand_child*numb_daycares*pws_pop*pp_mand_twenty_partic)*numb_samp_two)*pp
_commercial_samp_school)*cost_commercial_lab);
    inc(TotEval);
    _OM[607] := 0;
    inc(TotEval);
end;

//state_daycare_analyze_3a row: 610
_CalcCost[608] := school_3a*b_state_two;
inc(TotEval);
if _CalcCost[608] > 0 then begin
    _Cost[608] :=
(((pp_grandfather_mand_child*numb_daycares*pws_pop*pp_mand_twenty_partic)*numb_samp
_two)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+(((pp_g
randfather_mand_child*numb_daycares*pws_pop*pp_mand_twenty_partic)*numb_samp_two)*pp
_commercial_samp_school)*cost_commercial_lab);
    inc(TotEval);
    _OM[608] := 0;
    inc(TotEval);
end;

//system_elem_analyze_3a row: 611
_CalcCost[609] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[609] > 0 then begin
    _Cost[609] :=
(((pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*n
umb_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))
+(((pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*
numb_samp_five)*pp_commercial_samp_school)*cost_commercial_lab);
    inc(TotEval);
    _OM[609] := 0;
    inc(TotEval);
end;

```



```

//state_elem_analyze_3a row: 612
_CalcCost[610] := school_3a*b_state_two;
inc(TotEval);
if _CalcCost[610] > 0 then begin
    _Cost[610] :=
(((pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*n
umb_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))
+(((pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*
numb_samp_five)*pp_commercial_samp_school)*cost_commercial_lab);
    inc(TotEval);
    _OM[610] := 0;
inc(TotEval);
end;

//system_elem_analyze_3a_pub row: 613
_CalcCost[611] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[611] > 0 then begin
    _Cost[611] :=
(((pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*num
b_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+
(((pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*numb
_samp_five)*pp_commercial_samp_school)*cost_commercial_lab);
    inc(TotEval);
    _OM[611] := 0;
inc(TotEval);
end;

//state_elem_analyze_3a_pub row: 614
_CalcCost[612] := school_3a*b_state_two;
inc(TotEval);
if _CalcCost[612] > 0 then begin
    _Cost[612] :=
(((pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*num
b_samp_five)*pp_lab_samp_school)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt_samp))+
(((pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*numb
_samp_five)*pp_commercial_samp_school)*cost_commercial_lab);
    inc(TotEval);
    _OM[612] := 0;
inc(TotEval);
end;

//system_hrs_second_collect_3a_vol_priv_1 row: 615
_CalcCost[613] := school_3a;
inc(TotEval);
if _CalcCost[613] > 0 then begin
    _Cost[613] :=
((pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)
*numb_samp_five)*(hrs_collect_samp_school_op*rate_op);
    inc(TotEval);

```

```

    _OM[613] := 0;
    inc(TotEval);
end;

//system_second_collect_3a_vol_priv_1 row: 616
_CalcCost[614] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[614] > 0 then begin
    _Cost[614] :=
((pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)
*numb_samp_five)*(cost_collect_samp_school);
    inc(TotEval);
    _OM[614] := 0;
    inc(TotEval);
end;

//state_second_collect_3a_vol_priv_1 row: 617
_CalcCost[615] := school_3a*b_state_two;
inc(TotEval);
if _CalcCost[615] > 0 then begin
    _Cost[615] :=
((pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)
*numb_samp_five)*(cost_collect_samp_school);
    inc(TotEval);
    _OM[615] := 0;
    inc(TotEval);
end;

//system_hrs_second_collect_3a_vol_1 row: 618
_CalcCost[616] := school_3a;
inc(TotEval);
if _CalcCost[616] > 0 then begin
    _Cost[616] :=
((pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*n
umb_samp_five)*(hrs_collect_samp_school_op*rate_op);
    inc(TotEval);
    _OM[616] := 0;
    inc(TotEval);
end;

//system_second_collect_3a_vol_1 row: 619
_CalcCost[617] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[617] > 0 then begin
    _Cost[617] :=
((pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*n
umb_samp_five)*(cost_collect_samp_school);
    inc(TotEval);
    _OM[617] := 0;
    inc(TotEval);
end;

```

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end;

//state_second_collect_3a_vol_1 row: 620
_CalcCost[618] := school_3a*b_state_two;
inc(TotEval);
if _CalcCost[618] > 0 then begin
    _Cost[618] :=
((pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*n
umb_samp_five)*(cost_collect_samp_school);
    inc(TotEval);
    _OM[618] := 0;
inc(TotEval);
end;

//system_hrs_second_collect_3a_vol_priv row: 621
_CalcCost[619] := school_3a;
inc(TotEval);
if _CalcCost[619] > 0 then begin
    _Cost[619] :=
((pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)
*numb_samp_five)*(hrs_collect_samp_school_op*rate_op);
    inc(TotEval);
    _OM[619] := 0;
inc(TotEval);
end;

//system_second_collect_3a_vol_priv row: 622
_CalcCost[620] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[620] > 0 then begin
    _Cost[620] :=
((pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)
*numb_samp_five)*(cost_collect_samp_school);
    inc(TotEval);
    _OM[620] := 0;
inc(TotEval);
end;

//state_second_collect_3a_vol_priv row: 623
_CalcCost[621] := school_3a*b_state_two;
inc(TotEval);
if _CalcCost[621] > 0 then begin
    _Cost[621] :=
((pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)
*numb_samp_five)*(cost_collect_samp_school);
    inc(TotEval);
    _OM[621] := 0;
inc(TotEval);
end;

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//system_hrs_second_collect_3a_vol row: 624
_CalcCost[622] := school_3a;
inc(TotEval);
if _CalcCost[622] > 0 then begin
    _Cost[622] :=
((pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*n
umb_samp_five)*(hrs_collect_samp_school_op*rate_op);
    inc(TotEval);
    _OM[622] := 0;
    inc(TotEval);
end;

//system_second_collect_3a_vol row: 625
_CalcCost[623] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[623] > 0 then begin
    _Cost[623] :=
((pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*n
umb_samp_five)*(cost_collect_samp_school);
    inc(TotEval);
    _OM[623] := 0;
    inc(TotEval);
end;

//state_second_collect_3a_vol row: 626
_CalcCost[624] := school_3a*b_state_two;
inc(TotEval);
if _CalcCost[624] > 0 then begin
    _Cost[624] :=
((pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*n
umb_samp_five)*(cost_collect_samp_school);
    inc(TotEval);
    _OM[624] := 0;
    inc(TotEval);
end;

//system_hrs_daycare_collect_3a_vol row: 627
_CalcCost[625] := school_3a;
inc(TotEval);
if _CalcCost[625] > 0 then begin
    _Cost[625] :=
((pp_childcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*numb_samp_two
)*(hrs_collect_samp_school_op*rate_op);
    inc(TotEval);
    _OM[625] := 0;
    inc(TotEval);
end;

//system_daycare_collect_3a_vol row: 628
_CalcCost[626] := school_3a*(1-b_state_two);

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    inc(TotEval);
    if _CalcCost[626] > 0 then begin
        _Cost[626] :=
((pp_childcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*numb_samp_two
)*(cost_collect_samp_school);
        inc(TotEval);
        _OM[626] := 0;
    inc(TotEval);
    end;

    //state_daycare_collect_3a_vol row: 629
    _CalcCost[627] := school_3a*b_state_two;
    inc(TotEval);
    if _CalcCost[627] > 0 then begin
        _Cost[627] :=
((pp_childcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*numb_samp_two
)*(cost_collect_samp_school);
        inc(TotEval);
        _OM[627] := 0;
    inc(TotEval);
    end;

    //system_hrs_elem_collect_3a_vol_priv row: 630
    _CalcCost[628] := school_3a;
    inc(TotEval);
    if _CalcCost[628] > 0 then begin
        _Cost[628] :=
((pp_priv_elem_onreq_waiver*numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*numb
_samp_five)*(hrs_collect_samp_school_op*rate_op);
        inc(TotEval);
        _OM[628] := 0;
    inc(TotEval);
    end;

    //system_elem_collect_3a_vol_priv row: 631
    _CalcCost[629] := school_3a*(1-b_state_two);
    inc(TotEval);
    if _CalcCost[629] > 0 then begin
        _Cost[629] :=
((pp_priv_elem_onreq_waiver*numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*numb
_samp_five)*(cost_collect_samp_school);
        inc(TotEval);
        _OM[629] := 0;
    inc(TotEval);
    end;

    //state_elem_collect_3a_vol_priv row: 632
    _CalcCost[630] := school_3a*b_state_two;
    inc(TotEval);
    if _CalcCost[630] > 0 then begin

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        _Cost[630] :=
((pp_priv_elem_onreq_waiver*numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*numb
_samp_five)*(cost_collect_samp_school);
        inc(TotEval);
        _OM[630] := 0;
        inc(TotEval);
        end;

//system_hrs_elem_collect_3a_vol row: 633
        _CalcCost[631] := school_3a;
        inc(TotEval);
        if _CalcCost[631] > 0 then begin
            _Cost[631] :=
((pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*numb_s
amp_five)*(hrs_collect_samp_school_op*rate_op);
            inc(TotEval);
            _OM[631] := 0;
            inc(TotEval);
            end;

//system_elem_collect_3a_vol row: 634
        _CalcCost[632] := school_3a*(1-b_state_two);
        inc(TotEval);
        if _CalcCost[632] > 0 then begin
            _Cost[632] :=
((pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*numb_s
amp_five)*(cost_collect_samp_school);
            inc(TotEval);
            _OM[632] := 0;
            inc(TotEval);
            end;

//state_elem_collect_3a_vol row: 635
        _CalcCost[633] := school_3a*b_state_two;
        inc(TotEval);
        if _CalcCost[633] > 0 then begin
            _Cost[633] :=
((pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*numb_s
amp_five)*(cost_collect_samp_school);
            inc(TotEval);
            _OM[633] := 0;
            inc(TotEval);
            end;

//system_hrs_daycare_collect_3a row: 636
        _CalcCost[634] := school_3a;
        inc(TotEval);
        if _CalcCost[634] > 0 then begin
            _Cost[634] :=
((pp_grandfather_mand_child*numb_daycares*pws_pop*pp_mand_twenty_partic)*numb_samp_t

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wo)*(hrs_collect_samp_school_op*rate_op);
    inc(TotEval);
    _OM[634] := 0;
    inc(TotEval);
end;

//system_daycare_collect_3a row: 637
_CalcCost[635] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[635] > 0 then begin
    _Cost[635] :=
((pp_grandfather_mand_child*numb_daycares*pws_pop*pp_mand_twenty_partic)*numb_samp_t
wo)*cost_collect_samp_school;
    inc(TotEval);
    _OM[635] := 0;
    inc(TotEval);
end;

//state_daycare_collect_3a row: 638
_CalcCost[636] := school_3a*b_state_two;
inc(TotEval);
if _CalcCost[636] > 0 then begin
    _Cost[636] :=
((pp_grandfather_mand_child*numb_daycares*pws_pop*pp_mand_twenty_partic)*numb_samp_t
wo)*cost_collect_samp_school;
    inc(TotEval);
    _OM[636] := 0;
    inc(TotEval);
end;

//system_hrs_elem_collect_3a row: 639
_CalcCost[637] := school_3a;
inc(TotEval);
if _CalcCost[637] > 0 then begin
    _Cost[637] :=
((pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*num
b_samp_five)*(hrs_collect_samp_school_op*rate_op);
    inc(TotEval);
    _OM[637] := 0;
    inc(TotEval);
end;

//system_elem_collect_3a row: 640
_CalcCost[638] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[638] > 0 then begin
    _Cost[638] :=
((pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*num
b_samp_five)*cost_collect_samp_school;
    inc(TotEval);

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    _OM[638] := 0;
    inc(TotEval);
end;

//state_elem_collect_3a row: 641
_CalcCost[639] := school_3a*b_state_two;
inc(TotEval);
if _CalcCost[639] > 0 then begin
    _Cost[639] :=
((pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*num
b_samp_five)*cost_collect_samp_school;
    inc(TotEval);
    _OM[639] := 0;
    inc(TotEval);
end;

//system_hrs_elem_collect_3a_pub row: 642
_CalcCost[640] := school_3a;
inc(TotEval);
if _CalcCost[640] > 0 then begin
    _Cost[640] :=
((pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*numb_
samp_five)*(hrs_collect_samp_school_op*rate_op);
    inc(TotEval);
    _OM[640] := 0;
    inc(TotEval);
end;

//system_elem_collect_3a_pub row: 643
_CalcCost[641] := school_3a*(1-b_state_two);
inc(TotEval);
if _CalcCost[641] > 0 then begin
    _Cost[641] :=
((pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*numb_
samp_five)*cost_collect_samp_school;
    inc(TotEval);
    _OM[641] := 0;
    inc(TotEval);
end;

//state_elem_collect_3a_pub row: 644
_CalcCost[642] := school_3a*b_state_two;
inc(TotEval);
if _CalcCost[642] > 0 then begin
    _Cost[642] :=
((pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*numb_
samp_five)*cost_collect_samp_school;
    inc(TotEval);
    _OM[642] := 0;
    inc(TotEval);
end;

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end;

//system_second_follow_b3_3a_vol_priv_1 row: 645
_CalcCost[643] := school_3a;
inc(TotEval);
if _CalcCost[643] > 0 then begin
    _Cost[643] :=
(pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
((pp_above_al_bin_three*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[643] := 0;
inc(TotEval);
end;

//system_second_follow_b1_3a_vol_priv_1 row: 646
_CalcCost[644] := school_3a;
inc(TotEval);
if _CalcCost[644] > 0 then begin
    _Cost[644] :=
(pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
((pp_above_al_bin_one*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[644] := 0;
inc(TotEval);
end;

//system_second_follow_b3_3a_vol_1 row: 647
_CalcCost[645] := school_3a;
inc(TotEval);
if _CalcCost[645] > 0 then begin
    _Cost[645] :=
(pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*((
pp_above_al_bin_three*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[645] := 0;
inc(TotEval);
end;

//system_second_follow_b1_3a_vol_1 row: 648
_CalcCost[646] := school_3a;
inc(TotEval);
if _CalcCost[646] > 0 then begin
    _Cost[646] :=
(pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*((
pp_above_al_bin_one*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[646] := 0;
inc(TotEval);
end;

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//system_second_follow_b3_3a_vol_priv row: 649
_CalcCost[647] := school_3a;
inc(TotEval);
if _CalcCost[647] > 0 then begin
    _Cost[647] :=
(pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
((pp_above_al_bin_three*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[647] := 0;
    inc(TotEval);
end;

//system_second_follow_b1_3a_vol_priv row: 650
_CalcCost[648] := school_3a;
inc(TotEval);
if _CalcCost[648] > 0 then begin
    _Cost[648] :=
(pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
((pp_above_al_bin_one*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[648] := 0;
    inc(TotEval);
end;

//system_second_follow_b3_3a_vol row: 651
_CalcCost[649] := school_3a;
inc(TotEval);
if _CalcCost[649] > 0 then begin
    _Cost[649] :=
(pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*((
pp_above_al_bin_three*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[649] := 0;
    inc(TotEval);
end;

//system_second_follow_b1_3a_vol row: 652
_CalcCost[650] := school_3a;
inc(TotEval);
if _CalcCost[650] > 0 then begin
    _Cost[650] :=
(pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*((
pp_above_al_bin_one*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[650] := 0;
    inc(TotEval);
end;

//system_daycare_follow_b3_3a_vol row: 653
_CalcCost[651] := school_3a;

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    inc(TotEval);
    if _CalcCost[651] > 0 then begin
        _Cost[651] :=
(pp_childcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*((pp_above_al_
bin_three*numb_samp_two)*(hrs_school_help_op*rate_op));
        inc(TotEval);
        _OM[651] := 0;
    inc(TotEval);
    end;

    //system_daycare_follow_b1_3a_vol row: 654
    _CalcCost[652] := school_3a;
    inc(TotEval);
    if _CalcCost[652] > 0 then begin
        _Cost[652] :=
(pp_childcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*((pp_above_al_
bin_one*numb_samp_two)*(hrs_school_help_op*rate_op));
        inc(TotEval);
        _OM[652] := 0;
    inc(TotEval);
    end;

    //system_elem_follow_b3_3a_vol_priv row: 655
    _CalcCost[653] := school_3a;
    inc(TotEval);
    if _CalcCost[653] > 0 then begin
        _Cost[653] :=
(pp_priv_elem_onreq_waiver*numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*((pp_
above_al_bin_three*numb_samp_five)*(hrs_school_help_op*rate_op));
        inc(TotEval);
        _OM[653] := 0;
    inc(TotEval);
    end;

    //system_elem_follow_b1_3a_vol_priv row: 656
    _CalcCost[654] := school_3a;
    inc(TotEval);
    if _CalcCost[654] > 0 then begin
        _Cost[654] :=
(pp_priv_elem_onreq_waiver*numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*((pp_
above_al_bin_one*numb_samp_five)*(hrs_school_help_op*rate_op));
        inc(TotEval);
        _OM[654] := 0;
    inc(TotEval);
    end;

    //system_elem_follow_b3_3a_vol row: 657
    _CalcCost[655] := school_3a;
    inc(TotEval);
    if _CalcCost[655] > 0 then begin

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        _Cost[655] :=
(pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*((pp_ab
ove_al_bin_three*numb_samp_five)*(hrs_school_help_op*rate_op));
        inc(TotEval);
        _OM[655] := 0;
        inc(TotEval);
        end;

//system_elem_follow_b1_3a_vol row: 658
        _CalcCost[656] := school_3a;
        inc(TotEval);
        if _CalcCost[656] > 0 then begin
            _Cost[656] :=
(pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*((pp_ab
ove_al_bin_one*numb_samp_five)*(hrs_school_help_op*rate_op));
            inc(TotEval);
            _OM[656] := 0;
            inc(TotEval);
            end;

//system_daycare_follow_b3_3a row: 659
        _CalcCost[657] := school_3a;
        inc(TotEval);
        if _CalcCost[657] > 0 then begin
            _Cost[657] :=
(pp_grandfather_mand_child*numb_daycares*pws_pop*pp_mand_twenty_partic)*((pp_above_a
l_bin_three*numb_samp_two)*(hrs_school_help_op*rate_op));
            inc(TotEval);
            _OM[657] := 0;
            inc(TotEval);
            end;

//system_daycare_follow_b1_3a row: 660
        _CalcCost[658] := school_3a;
        inc(TotEval);
        if _CalcCost[658] > 0 then begin
            _Cost[658] :=
(pp_grandfather_mand_child*numb_daycares*pws_pop*pp_mand_twenty_partic)*((pp_above_a
l_bin_one*numb_samp_two)*(hrs_school_help_op*rate_op));
            inc(TotEval);
            _OM[658] := 0;
            inc(TotEval);
            end;

//system_elem_follow_b3_3a row: 661
        _CalcCost[659] := school_3a;
        inc(TotEval);
        if _CalcCost[659] > 0 then begin
            _Cost[659] :=
(pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*((pp

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_above_al_bin_three*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[659] := 0;
    inc(TotEval);
end;

//system_elem_follow_b1_3a row: 662
_CalcCost[660] := school_3a;
inc(TotEval);
if _CalcCost[660] > 0 then begin
    _Cost[660] :=
(pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*((pp
_above_al_bin_one*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[660] := 0;
    inc(TotEval);
end;

//system_elem_follow_b3_3a_pub row: 663
_CalcCost[661] := school_3a;
inc(TotEval);
if _CalcCost[661] > 0 then begin
    _Cost[661] :=
(pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*((pp_a
bove_al_bin_three*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[661] := 0;
    inc(TotEval);
end;

//system_elem_follow_b1_3a_pub row: 664
_CalcCost[662] := school_3a;
inc(TotEval);
if _CalcCost[662] > 0 then begin
    _Cost[662] :=
(pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*((pp_a
bove_al_bin_one*numb_samp_five)*(hrs_school_help_op*rate_op));
    inc(TotEval);
    _OM[662] := 0;
    inc(TotEval);
end;

//system_second_walk_3a_vol_priv_1 row: 665
_CalcCost[663] := school_3a;
inc(TotEval);
if _CalcCost[663] > 0 then begin
    _Cost[663] :=
(pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
((hrs_walkthrough_school_op*rate_op)+cost_walkthrough_school);
    inc(TotEval);

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    _OM[663] := 0;
    inc(TotEval);
end;

//system_second_walk_3a_vol_1 row: 666
_CalcCost[664] := school_3a;
inc(TotEval);
if _CalcCost[664] > 0 then begin
    _Cost[664] :=
(pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*((
hrs_walkthrough_school_op*rate_op)+cost_walkthrough_school);
    inc(TotEval);
    _OM[664] := 0;
    inc(TotEval);
end;

//system_second_walk_3a_vol_priv row: 667
_CalcCost[665] := school_3a;
inc(TotEval);
if _CalcCost[665] > 0 then begin
    _Cost[665] :=
(pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
((hrs_walkthrough_school_op*rate_op)+cost_walkthrough_school);
    inc(TotEval);
    _OM[665] := 0;
    inc(TotEval);
end;

//system_second_walk_3a_vol row: 668
_CalcCost[666] := school_3a;
inc(TotEval);
if _CalcCost[666] > 0 then begin
    _Cost[666] :=
(pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*((
hrs_walkthrough_school_op*rate_op)+cost_walkthrough_school);
    inc(TotEval);
    _OM[666] := 0;
    inc(TotEval);
end;

//system_daycare_walk_3a_vol row: 669
_CalcCost[667] := school_3a;
inc(TotEval);
if _CalcCost[667] > 0 then begin
    _Cost[667] :=
(pp_childcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*((hrs_walkthro
ugh_school_op*rate_op)+cost_walkthrough_school);
    inc(TotEval);
    _OM[667] := 0;
    inc(TotEval);
end;

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end;

//system_elem_walk_3a_vol_priv row: 670
_CalcCost[668] := school_3a;
inc(TotEval);
if _CalcCost[668] > 0 then begin
    _Cost[668] :=
(pp_priv_elem_onreq_waiver*numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*((hrs
_walkthrough_school_op*rate_op)+cost_walkthrough_school);
    inc(TotEval);
    _OM[668] := 0;
inc(TotEval);
end;

//system_elem_walk_3a_vol row: 671
_CalcCost[669] := school_3a;
inc(TotEval);
if _CalcCost[669] > 0 then begin
    _Cost[669] :=
(pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*((hrs_w
alkthrough_school_op*rate_op)+cost_walkthrough_school);
    inc(TotEval);
    _OM[669] := 0;
inc(TotEval);
end;

//system_daycare_walk_3a row: 672
_CalcCost[670] := school_3a;
inc(TotEval);
if _CalcCost[670] > 0 then begin
    _Cost[670] :=
(pp_grandfather_mand_child*numb_daycares*pws_pop*pp_mand_twenty_partic)*((hrs_walkth
rough_school_op*rate_op)+cost_walkthrough_school);
    inc(TotEval);
    _OM[670] := 0;
inc(TotEval);
end;

//system_elem_walk_3a row: 673
_CalcCost[671] := school_3a;
inc(TotEval);
if _CalcCost[671] > 0 then begin
    _Cost[671] :=
(pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*((hr
s_walkthrough_school_op*rate_op)+cost_walkthrough_school);
    inc(TotEval);
    _OM[671] := 0;
inc(TotEval);
end;

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//system_elem_walk_3a_pub row: 674
_CalcCost[672] := school_3a;
inc(TotEval);
if _CalcCost[672] > 0 then begin
    _Cost[672] :=
(pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*((hrs_
walkthrough_school_op*rate_op)+cost_walkthrough_school);
    inc(TotEval);
    _OM[672] := 0;
    inc(TotEval);
end;

//system_second_discuss_res_3a_vol_priv_1 row: 675
_CalcCost[673] := school_3a;
inc(TotEval);
if _CalcCost[673] > 0 then begin
    _Cost[673] :=
(pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
(hrs_result_discuss_op*rate_op);
    inc(TotEval);
    _OM[673] := 0;
    inc(TotEval);
end;

//system_second_discuss_res_3a_vol_1 row: 676
_CalcCost[674] := school_3a;
inc(TotEval);
if _CalcCost[674] > 0 then begin
    _Cost[674] :=
(pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*(h
rs_result_discuss_op*rate_op);
    inc(TotEval);
    _OM[674] := 0;
    inc(TotEval);
end;

//system_second_discuss_res_3a_vol_priv row: 677
_CalcCost[675] := school_3a;
inc(TotEval);
if _CalcCost[675] > 0 then begin
    _Cost[675] :=
(pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
(hrs_result_discuss_op*rate_op);
    inc(TotEval);
    _OM[675] := 0;
    inc(TotEval);
end;

//system_second_discuss_res_3a_vol row: 678
_CalcCost[676] := school_3a;

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    inc(TotEval);
    if _CalcCost[676] > 0 then begin
        _Cost[676] :=
(pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*(h
rs_result_discuss_op*rate_op);
        inc(TotEval);
        _OM[676] := 0;
    inc(TotEval);
    end;

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//system_daycare_discuss_res_3a_vol row: 679
    _CalcCost[677] := school_3a;
    inc(TotEval);
    if _CalcCost[677] > 0 then begin
        _Cost[677] :=
(pp_childcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*(hrs_result_di
scuss_op*rate_op);
        inc(TotEval);
        _OM[677] := 0;
    inc(TotEval);
    end;

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//system_elem_discuss_res_3a_vol_priv row: 680
    _CalcCost[678] := school_3a;
    inc(TotEval);
    if _CalcCost[678] > 0 then begin
        _Cost[678] :=
(pp_priv_elem_onreq_waiver*numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*(hrs_
result_discuss_op*rate_op);
        inc(TotEval);
        _OM[678] := 0;
    inc(TotEval);
    end;

```

```

//system_elem_discuss_res_3a_vol row: 681
    _CalcCost[679] := school_3a;
    inc(TotEval);
    if _CalcCost[679] > 0 then begin
        _Cost[679] :=
(pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*(hrs_re
sult_discuss_op*rate_op);
        inc(TotEval);
        _OM[679] := 0;
    inc(TotEval);
    end;

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//system_daycare_discuss_res_3a row: 682
    _CalcCost[680] := school_3a;
    inc(TotEval);
    if _CalcCost[680] > 0 then begin

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        _Cost[680] :=
(pp_grandfather_mand_child*numb_daycares*pws_pop*pp_mand_twenty_partic)*(hrs_result_
discuss_op*rate_op);
        inc(TotEval);
        _OM[680] := 0;
        inc(TotEval);
        end;

//system_elem_discuss_res_3a row: 683
        _CalcCost[681] := school_3a;
        inc(TotEval);
        if _CalcCost[681] > 0 then begin
            _Cost[681] :=
(pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*(hrs
_result_discuss_op*rate_op);
            inc(TotEval);
            _OM[681] := 0;
            inc(TotEval);
            end;

//system_elem_discuss_res_3a_pub row: 684
        _CalcCost[682] := school_3a;
        inc(TotEval);
        if _CalcCost[682] > 0 then begin
            _Cost[682] :=
(pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*(hrs_r
esult_discuss_op*rate_op);
            inc(TotEval);
            _OM[682] := 0;
            inc(TotEval);
            end;

//system_school_annual_rep_3a row: 685
        _CalcCost[683] := school_3a;
        inc(TotEval);
        if _CalcCost[683] > 0 then begin
            _Cost[683] :=
((hrs_annual_report_school_prepare_op*rate_op)+cost_annual_report_school_dist);
            inc(TotEval);
            _OM[683] := 0;
            inc(TotEval);
            end;

//system_second_provide_res_3a_vol_priv_1 row: 686
        _CalcCost[684] := school_3a;
        inc(TotEval);
        if _CalcCost[684] > 0 then begin
            _Cost[684] :=
(pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
((hrs_inform_samp_pe_school_op*rate_op)+cost_inform_samp_pe_school);

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        inc(TotEval);
        _OM[684] := 0;
    inc(TotEval);
end;

//system_second_provide_res_3a_vol_1 row: 687
_CalcCost[685] := school_3a;
inc(TotEval);
if _CalcCost[685] > 0 then begin
    _Cost[685] :=
(pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*((
hrs_inform_samp_pe_school_op*rate_op)+cost_inform_samp_pe_school);
    inc(TotEval);
    _OM[685] := 0;
inc(TotEval);
end;

//system_second_provide_res_3a_vol_priv row: 688
_CalcCost[686] := school_3a;
inc(TotEval);
if _CalcCost[686] > 0 then begin
    _Cost[686] :=
(pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
((hrs_inform_samp_pe_school_op*rate_op)+cost_inform_samp_pe_school);
    inc(TotEval);
    _OM[686] := 0;
inc(TotEval);
end;

//system_second_provide_res_3a_vol row: 689
_CalcCost[687] := school_3a;
inc(TotEval);
if _CalcCost[687] > 0 then begin
    _Cost[687] :=
(pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*((
hrs_inform_samp_pe_school_op*rate_op)+cost_inform_samp_pe_school);
    inc(TotEval);
    _OM[687] := 0;
inc(TotEval);
end;

//system_daycare_provide_res_3a_vol row: 690
_CalcCost[688] := school_3a;
inc(TotEval);
if _CalcCost[688] > 0 then begin
    _Cost[688] :=
(pp_childcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*((hrs_inform_s
amp_pe_school_op*rate_op)+cost_inform_samp_pe_school);
    inc(TotEval);
    _OM[688] := 0;

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inc(TotEval);
end;

//system_elem_provide_res_3a_vol_priv row: 691
_CalcCost[689] := school_3a;
inc(TotEval);
if _CalcCost[689] > 0 then begin
    _Cost[689] :=
(pp_priv_elem_onreq_waiver*numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*((hrs_i
_inform_samp_pe_school_op*rate_op)+cost_inform_samp_pe_school);
    inc(TotEval);
    _OM[689] := 0;
inc(TotEval);
end;

//system_elem_provide_res_3a_vol row: 692
_CalcCost[690] := school_3a;
inc(TotEval);
if _CalcCost[690] > 0 then begin
    _Cost[690] :=
(pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*((hrs_i
nform_samp_pe_school_op*rate_op)+cost_inform_samp_pe_school);
    inc(TotEval);
    _OM[690] := 0;
inc(TotEval);
end;

//system_daycare_provide_res_3a row: 693
_CalcCost[691] := school_3a;
inc(TotEval);
if _CalcCost[691] > 0 then begin
    _Cost[691] :=
(pp_grandfather_mand_child*numb_daycares*pws_pop*pp_mand_twenty_partic)*((hrs_inform
_samp_pe_school_op*rate_op)+cost_inform_samp_pe_school);
    inc(TotEval);
    _OM[691] := 0;
inc(TotEval);
end;

//system_elem_provide_res_3a row: 694
_CalcCost[692] := school_3a;
inc(TotEval);
if _CalcCost[692] > 0 then begin
    _Cost[692] :=
(pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*((hr
s_inform_samp_pe_school_op*rate_op)+cost_inform_samp_pe_school);
    inc(TotEval);
    _OM[692] := 0;
inc(TotEval);
end;

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//system_elem_provide_res_3a_pub row: 695
_CalcCost[693] := school_3a;
inc(TotEval);
if _CalcCost[693] > 0 then begin
    _Cost[693] :=
(pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*((hrs_
inform_samp_pe_school_op*rate_op)+cost_inform_samp_pe_school);
    inc(TotEval);
    _OM[693] := 0;
    inc(TotEval);
end;

//system_second_travel_3a_vol_priv_1 row: 696
_CalcCost[694] := school_3a;
inc(TotEval);
if _CalcCost[694] > 0 then begin
    _Cost[694] :=
(pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
((hrs_travel_samp_school_op*rate_op)+cost_travel_samp_school);
    inc(TotEval);
    _OM[694] := 0;
    inc(TotEval);
end;

//system_second_travel_3a_vol_1 row: 697
_CalcCost[695] := school_3a;
inc(TotEval);
if _CalcCost[695] > 0 then begin
    _Cost[695] :=
(pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*((
hrs_travel_samp_school_op*rate_op)+cost_travel_samp_school);
    inc(TotEval);
    _OM[695] := 0;
    inc(TotEval);
end;

//system_second_travel_3a_vol_priv row: 698
_CalcCost[696] := school_3a;
inc(TotEval);
if _CalcCost[696] > 0 then begin
    _Cost[696] :=
(pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
((hrs_travel_samp_school_op*rate_op)+cost_travel_samp_school);
    inc(TotEval);
    _OM[696] := 0;
    inc(TotEval);
end;

//system_second_travel_3a_vol row: 699

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    _CalcCost[697] := school_3a;
    inc(TotEval);
    if _CalcCost[697] > 0 then begin
        _Cost[697] :=
(pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*((
hrs_travel_samp_school_op*rate_op)+cost_travel_samp_school);
        inc(TotEval);
        _OM[697] := 0;
        inc(TotEval);
    end;

    //system_daycare_travel_3a_vol row: 700
    _CalcCost[698] := school_3a;
    inc(TotEval);
    if _CalcCost[698] > 0 then begin
        _Cost[698] :=
(pp_childcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*((hrs_travel_s
amp_school_op*rate_op)+cost_travel_samp_school);
        inc(TotEval);
        _OM[698] := 0;
        inc(TotEval);
    end;

    //system_elem_travel_3a_vol_priv row: 701
    _CalcCost[699] := school_3a;
    inc(TotEval);
    if _CalcCost[699] > 0 then begin
        _Cost[699] :=
(pp_priv_elem_onreq_waiver*numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*((hrs
_travel_samp_school_op*rate_op)+cost_travel_samp_school);
        inc(TotEval);
        _OM[699] := 0;
        inc(TotEval);
    end;

    //system_elem_travel_3a_vol row: 702
    _CalcCost[700] := school_3a;
    inc(TotEval);
    if _CalcCost[700] > 0 then begin
        _Cost[700] :=
(pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*((hrs_t
ravel_samp_school_op*rate_op)+cost_travel_samp_school);
        inc(TotEval);
        _OM[700] := 0;
        inc(TotEval);
    end;

    //system_daycare_travel_3a row: 703
    _CalcCost[701] := school_3a;
    inc(TotEval);

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    if _CalcCost[701] > 0 then begin
        _Cost[701] :=
(pp_grandfather_mand_child*numb_daycares*pws_pop*pp_mand_twenty_partic)*((hrs_travel
_samp_school_op*rate_op)+cost_travel_samp_school);
        inc(TotEval);
        _OM[701] := 0;
        inc(TotEval);
    end;

    //system_elem_travel_3a row: 704
    _CalcCost[702] := school_3a;
    inc(TotEval);
    if _CalcCost[702] > 0 then begin
        _Cost[702] :=
(pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*((hr
s_travel_samp_school_op*rate_op)+cost_travel_samp_school);
        inc(TotEval);
        _OM[702] := 0;
        inc(TotEval);
    end;

    //system_elem_travel_3a_pub row: 705
    _CalcCost[703] := school_3a;
    inc(TotEval);
    if _CalcCost[703] > 0 then begin
        _Cost[703] :=
(pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*((hrs_
travel_samp_school_op*rate_op)+cost_travel_samp_school);
        inc(TotEval);
        _OM[703] := 0;
        inc(TotEval);
    end;

    //system_daycare_call_mand_3a row: 706
    _CalcCost[704] := school_3a;
    inc(TotEval);
    if _CalcCost[704] > 0 then begin
        _Cost[704] :=
pp_grandfather_mand_child*numb_daycares*pws_pop*(hrs_childcare_call_op*rate_op);
        inc(TotEval);
        _OM[704] := 0;
        inc(TotEval);
    end;

    //system_elem_call_mand_3a row: 707
    _CalcCost[705] := school_3a;
    inc(TotEval);
    if _CalcCost[705] > 0 then begin
        _Cost[705] :=
pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*(hrs_school_call_op*rate_op)

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;
    inc(TotEval);
    _OM[705] := 0;
    inc(TotEval);
    end;

    //system_elem_call_mand_3a_pub row: 708
    _CalcCost[706] := school_3a;
    inc(TotEval);
    if _CalcCost[706] > 0 then begin
        _Cost[706] :=
pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*(hrs_school_call_op*rate_op);
        inc(TotEval);
        _OM[706] := 0;
        inc(TotEval);
    end;

    //system_second_coord_school_3a_vol_priv_1 row: 709
    _CalcCost[707] := school_3a;
    inc(TotEval);
    if _CalcCost[707] > 0 then begin
        _Cost[707] :=
(pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
(hrs_school_coor_sample_op*rate_op);
        inc(TotEval);
        _OM[707] := 0;
        inc(TotEval);
    end;

    //system_second_coord_school_3a_vol_1 row: 710
    _CalcCost[708] := school_3a;
    inc(TotEval);
    if _CalcCost[708] > 0 then begin
        _Cost[708] :=
(pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*(h
rs_school_coor_sample_op*rate_op);
        inc(TotEval);
        _OM[708] := 0;
        inc(TotEval);
    end;

    //system_second_coord_school_3a_vol_priv row: 711
    _CalcCost[709] := school_3a;
    inc(TotEval);
    if _CalcCost[709] > 0 then begin
        _Cost[709] :=
(pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
(hrs_school_coor_sample_op*rate_op);
        inc(TotEval);
        _OM[709] := 0;
    end;

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inc(TotEval);
end;

//system_second_coord_school_3a_vol row: 712
_CalcCost[710] := school_3a;
inc(TotEval);
if _CalcCost[710] > 0 then begin
    _Cost[710] :=
(pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*(h
rs_school_coor_sample_op*rate_op);
    inc(TotEval);
    _OM[710] := 0;
inc(TotEval);
end;

//system_daycare_coord_school_3a_vol row: 713
_CalcCost[711] := school_3a;
inc(TotEval);
if _CalcCost[711] > 0 then begin
    _Cost[711] :=
(pp_childcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*(hrs_school_co
or_sample_op*rate_op);
    inc(TotEval);
    _OM[711] := 0;
inc(TotEval);
end;

//system_elem_coord_school_3a_vol_priv row: 714
_CalcCost[712] := school_3a;
inc(TotEval);
if _CalcCost[712] > 0 then begin
    _Cost[712] :=
(pp_priv_elem_onreq_waiver*numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*(hrs_
school_coor_sample_op*rate_op);
    inc(TotEval);
    _OM[712] := 0;
inc(TotEval);
end;

//system_elem_coord_school_3a_vol row: 715
_CalcCost[713] := school_3a;
inc(TotEval);
if _CalcCost[713] > 0 then begin
    _Cost[713] :=
(pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*(hrs_sc
hool_coor_sample_op*rate_op);
    inc(TotEval);
    _OM[713] := 0;
inc(TotEval);
end;

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//system_daycare_coord_school_3a row: 716
_CalcCost[714] := school_3a;
inc(TotEval);
if _CalcCost[714] > 0 then begin
    _Cost[714] :=
(pp_grandfather_mand_child*numb_daycares*pws_pop*pp_mand_twenty_partic)*(hrs_school_
coor_sample_op*rate_op);
    inc(TotEval);
    _OM[714] := 0;
    inc(TotEval);
end;

//system_elem_coord_school_3a row: 717
_CalcCost[715] := school_3a;
inc(TotEval);
if _CalcCost[715] > 0 then begin
    _Cost[715] :=
(pp_priv_elem_mand_waiver*numb_elem_schools_priv*pws_pop*pp_mand_twenty_partic)*(hrs_
school_coor_sample_op*rate_op);
    inc(TotEval);
    _OM[715] := 0;
    inc(TotEval);
end;

//system_elem_coord_school_3a_pub row: 718
_CalcCost[716] := school_3a;
inc(TotEval);
if _CalcCost[716] > 0 then begin
    _Cost[716] :=
(pp_pub_elem_mand_waiver*numb_elem_schools_pub*pws_pop*pp_mand_twenty_partic)*(hrs_s
chool_coor_sample_op*rate_op);
    inc(TotEval);
    _OM[716] := 0;
    inc(TotEval);
end;

//system_second_call_vol_3a_priv_1 row: 719
_CalcCost[717] := school_3a;
inc(TotEval);
if _CalcCost[717] > 0 then begin
    _Cost[717] :=
(pp_priv_second_onreq1_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
((hrs_school_annual_contact_op*rate_op)+cost_school_annual_contact);
    inc(TotEval);
    _OM[717] := 0;
    inc(TotEval);
end;

//system_second_call_vol_3a_1 row: 720

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    _CalcCost[718] := school_3a;
    inc(TotEval);
    if _CalcCost[718] > 0 then begin
        _Cost[718] :=
(pp_pub_second_onreq1_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*((
hrs_school_annual_contact_op*rate_op)+cost_school_annual_contact);
        inc(TotEval);
        _OM[718] := 0;
        inc(TotEval);
    end;

    //system_second_call_vol_3a_priv row: 721
    _CalcCost[719] := school_3a;
    inc(TotEval);
    if _CalcCost[719] > 0 then begin
        _Cost[719] :=
(pp_priv_second_onreq2_waiver*numb_second_schools_priv*pws_pop*pp_voluntary_partic)*
((hrs_school_annual_contact_op*rate_op)+cost_school_annual_contact);
        inc(TotEval);
        _OM[719] := 0;
        inc(TotEval);
    end;

    //system_second_call_vol_3a row: 722
    _CalcCost[720] := school_3a;
    inc(TotEval);
    if _CalcCost[720] > 0 then begin
        _Cost[720] :=
(pp_pub_second_onreq2_waiver*numb_second_schools_pub*pws_pop*pp_voluntary_partic)*((
hrs_school_annual_contact_op*rate_op)+cost_school_annual_contact);
        inc(TotEval);
        _OM[720] := 0;
        inc(TotEval);
    end;

    //system_call_vol_3a row: 723
    _CalcCost[721] := school_3a;
    inc(TotEval);
    if _CalcCost[721] > 0 then begin
        _Cost[721] :=
(pp_childcare_onreq_waiver*numb_daycares*pws_pop*pp_voluntary_partic)*((hrs_school_a
nnual_contact_op*rate_op)+cost_school_annual_contact);
        inc(TotEval);
        _OM[721] := 0;
        inc(TotEval);
    end;

    //system_elem_call_vol_3a_priv row: 724
    _CalcCost[722] := school_3a;
    inc(TotEval);

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```

    if _CalcCost[722] > 0 then begin
        _Cost[722] :=
(pp_priv_elem_onreq_waiver*numb_elem_schools_priv*pws_pop*pp_voluntary_partic)*((hrs
_school_annual_contact_op*rate_op)+cost_school_annual_contact);
        inc(TotEval);
        _OM[722] := 0;
        inc(TotEval);
    end;

    //system_elem_call_vol_3a row: 725
    _CalcCost[723] := school_3a;
    inc(TotEval);
    if _CalcCost[723] > 0 then begin
        _Cost[723] :=
(pp_pub_elem_onreq_waiver*numb_elem_schools_pub*pws_pop*pp_voluntary_partic)*((hrs_s
chool_annual_contact_op*rate_op)+cost_school_annual_contact);
        inc(TotEval);
        _OM[723] := 0;
        inc(TotEval);
    end;

    //system_elem_devel_letter_3a_pub row: 726
    _CalcCost[724] := school_3a;
    inc(TotEval);
    if _CalcCost[724] > 0 then begin
        _Cost[724] := (hrs_devel_pe_school_op*rate_op);
        inc(TotEval);
        _OM[724] := 0;
        inc(TotEval);
    end;

    //system_daycare_id_3a row: 727
    _CalcCost[725] := school_3a;
    inc(TotEval);
    if _CalcCost[725] > 0 then begin
        _Cost[725] := numb_daycares*pws_pop*(hrs_school_identify_op*rate_op);
        inc(TotEval);
        _OM[725] := 0;
        inc(TotEval);
    end;

    //system_elem_id_3a row: 728
    _CalcCost[726] := school_3a;
    inc(TotEval);
    if _CalcCost[726] > 0 then begin
        _Cost[726] := numb_elem_schools_priv*pws_pop*(hrs_school_identify_op*rate_op);
        inc(TotEval);
        _OM[726] := 0;
        inc(TotEval);
    end;

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//system_elem_id_3a_pub_mand row: 729
_CalcCost[727] := school_3a;
inc(TotEval);
if _CalcCost[727] > 0 then begin
    _Cost[727] := numb_elem_schools_pub*pws_pop*(hrs_school_identify_op*rate_op);
    inc(TotEval);
    _OM[727] := 0;
inc(TotEval);
end;

//system_elem_id_3a_priv_opt row: 730
_CalcCost[728] := school_3a;
inc(TotEval);
if _CalcCost[728] > 0 then begin
    _Cost[728] :=
numb_second_schools_priv*pws_pop*(hrs_school_identify_op*rate_op);
    inc(TotEval);
    _OM[728] := 0;
inc(TotEval);
end;

//system_elem_id_3a_pub_opt row: 731
_CalcCost[729] := school_3a;
inc(TotEval);
if _CalcCost[729] > 0 then begin
    _Cost[729] :=
numb_second_schools_pub*pws_pop*(hrs_school_identify_op*rate_op);
    inc(TotEval);
    _OM[729] := 0;
inc(TotEval);
end;

//system_daycare_dist_letter_3a row: 732
_CalcCost[730] := school_3a;
inc(TotEval);
if _CalcCost[730] > 0 then begin
    _Cost[730] :=
numb_daycares*pws_pop*((hrs_school_letter_op*rate_op)+cost_school_letter);
    inc(TotEval);
    _OM[730] := 0;
inc(TotEval);
end;

//system_elem_dist_letter_3a row: 733
_CalcCost[731] := school_3a;
inc(TotEval);
if _CalcCost[731] > 0 then begin
    _Cost[731] :=
numb_elem_schools_priv*pws_pop*((hrs_school_letter_op*rate_op)+cost_school_letter);

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        inc(TotEval);
        _OM[731] := 0;
    inc(TotEval);
end;

//system_elem_dist_letter_3a_pub_mand row: 734
_CalcCost[732] := school_3a;
inc(TotEval);
if _CalcCost[732] > 0 then begin
    _Cost[732] :=
numb_elem_schools_pub*pws_pop*((hrs_school_letter_op*rate_op)+cost_school_letter);
    inc(TotEval);
    _OM[732] := 0;
    inc(TotEval);
end;

//system_elem_dist_letter_3a_priv_opt row: 735
_CalcCost[733] := school_3a;
inc(TotEval);
if _CalcCost[733] > 0 then begin
    _Cost[733] :=
numb_second_schools_priv*pws_pop*((hrs_school_letter_op*rate_op)+cost_school_letter)
;
    inc(TotEval);
    _OM[733] := 0;
    inc(TotEval);
end;

//system_elem_dist_letter_3a_pub_opt row: 736
_CalcCost[734] := school_3a;
inc(TotEval);
if _CalcCost[734] > 0 then begin
    _Cost[734] :=
numb_second_schools_pub*pws_pop*((hrs_school_letter_op*rate_op)+cost_school_letter);
    inc(TotEval);
    _OM[734] := 0;
    inc(TotEval);
end;

//system_school_report_samples row: 737
_CalcCost[735] := school_3a;
inc(TotEval);
if _CalcCost[735] > 0 then begin
    _Cost[735] := hrs_report_sch_cc_results_op*rate_op;
    inc(TotEval);
    _OM[735] := 0;
    inc(TotEval);
end;

//state_school_review_samples row: 738

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_CalcCost[736] := school_3a;
inc(TotEval);
if _CalcCost[736] > 0 then begin
    _Cost[736] := hrs_sch_cc_results_review_js*rate_js;
    inc(TotEval);
    _OM[736] := 0;
inc(TotEval);
end;

//system_deliv_lead_pe_ntncws row: 739
_Cost[737] := ((hrs_ntncws_distr_edu_op*rate_op)+cost_ntncws_pe_lcr_delivery);
    inc(TotEval);
_OM[737] := 0;
inc(TotEval);

//cct_findfix_cost_umra row: 740
_CalcCost[738] := b_dssa;
inc(TotEval);
if _CalcCost[738] > 0 then begin
    _Cost[738] := cct_dssa_cost_umra;
    inc(TotEval);
    _OM[738] := 0;
inc(TotEval);
end;

//cct_install_cost_umra row: 741
_CalcCost[739] := b_install_cct;
inc(TotEval);
if _CalcCost[739] > 0 then begin
    _Cost[739] := cct_install_cost_umra;
    inc(TotEval);
    _OM[739] := 0;
inc(TotEval);
end;

//cct_modify_cost_umra row: 742
_CalcCost[740] := b_modify_cct;
inc(TotEval);
if _CalcCost[740] > 0 then begin
    _Cost[740] := cct_modify_cost_umra;
    inc(TotEval);
    _OM[740] := 0;
inc(TotEval);
end;

//cct_findfix_cost_umra_om row: 743
_CalcCost[741] := b_dssa;
inc(TotEval);
if _CalcCost[741] > 0 then begin
    _Cost[741] := cct_dssa_cost_umra_om;

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    inc(TotEval);
    _OM[741] := 0;
inc(TotEval);
end;

//cct_install_cost_umra_om row: 744
_CalcCost[742] := b_install_cct;
inc(TotEval);
if _CalcCost[742] > 0 then begin
    _Cost[742] := cct_install_cost_umra_om;
    inc(TotEval);
    _OM[742] := 0;
inc(TotEval);
end;

//cct_modify_cost_umra_om row: 745
_CalcCost[743] := b_modify_cct;
inc(TotEval);
if _CalcCost[743] > 0 then begin
    _Cost[743] := cct_modify_cost_umra_om;
    inc(TotEval);
    _OM[743] := 0;
inc(TotEval);
end;

//system_cert_pe_ntncws row: 746
_Cost[744] := (hrs_cert_outreach_annual_op*rate_op);
    inc(TotEval);
    _OM[744] := 0;
inc(TotEval);

//state_review_cert_pe_ntncws row: 747
_Cost[745] := (hrs_cert_outreach_annual_js*rate_js);
    inc(TotEval);
    _OM[745] := 0;
inc(TotEval);

//cct_install_cost_p row: 748
_CalcCost[746] := b_install_cct;
inc(TotEval);
if _CalcCost[746] > 0 then begin
    _Cost[746] := cct_install_cost_p;
    inc(TotEval);
    _OM[746] := 0;
inc(TotEval);
end;

//cct_modify_cost_p row: 749
_CalcCost[747] := b_modify_cct;
inc(TotEval);

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if _CalcCost[747] > 0 then begin
    _Cost[747] := cct_modify_cost_p;
    inc(TotEval);
    _OM[747] := 0;
inc(TotEval);
end;

//cct_findfix_cost_p row: 750
_CalcCost[748] := b_dssa;
inc(TotEval);
if _CalcCost[748] > 0 then begin
    _Cost[748] := cct_dssa_cost_p;
    inc(TotEval);
    _OM[748] := 0;
inc(TotEval);
end;

//system_hrs_run_requested_lsl row: 751
_CalcCost[749] := pws_lsl;
inc(TotEval);
if _CalcCost[749] > 0 then begin
    _Cost[749] := p_customer_request*numb_hh*hrs_cust_request_oversee_op*rate_op;
    inc(TotEval);
    _OM[749] := 0;
inc(TotEval);
end;

//system_requested_discuss_lsl row: 752
_CalcCost[750] := pws_lsl;
inc(TotEval);
if _CalcCost[750] > 0 then begin
    _Cost[750] := p_customer_request*numb_hh*(hrs_discuss_samp_op*rate_op);
    inc(TotEval);
    _OM[750] := 0;
inc(TotEval);
end;

//system_requested_discuss_lsl_cost_nonstate row: 753
_CalcCost[751] := (1-b_state_two)*pws_lsl;
inc(TotEval);
if _CalcCost[751] > 0 then begin
    _Cost[751] := p_customer_request*numb_hh*cost_5_lt_samp;
    inc(TotEval);
    _OM[751] := 0;
inc(TotEval);
end;

//state_requested_discuss_lsl_cost row: 754
_CalcCost[752] := b_state_two*pws_lsl;
inc(TotEval);

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if _CalcCost[752] > 0 then begin
    _Cost[752] := p_customer_request*numb_hh*cost_5_lt_samp;
    inc(TotEval);
    _OM[752] := 0;
inc(TotEval);
end;

//system_requested_pickup_lsl row: 755
_CalcCost[753] := pws_lsl;
inc(TotEval);
if _CalcCost[753] > 0 then begin
    _Cost[753] :=
p_customer_request*numb_hh*((hrs_pickup_samp_op*rate_op)+cost_pickup_samp);
    inc(TotEval);
    _OM[753] := 0;
inc(TotEval);
end;

//system_requested_analyze_lsl row: 756
_CalcCost[754] := (1-b_state_two)*pws_lsl;
inc(TotEval);
if _CalcCost[754] > 0 then begin
    _Cost[754] :=
((p_customer_request*numb_hh*pp_lab_samp)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt
_samp))+((p_customer_request*numb_hh*pp_commercial_samp)*cost_5_commercial_lab);
    inc(TotEval);
    _OM[754] := 0;
inc(TotEval);
end;

//state_requested_analyze_lsl row: 757
_CalcCost[755] := b_state_two*pws_lsl;
inc(TotEval);
if _CalcCost[755] > 0 then begin
    _Cost[755] :=
((p_customer_request*numb_hh*pp_lab_samp)*((hrs_analyze_samp_op*rate_op)+cost_lab_lt
_samp))+((p_customer_request*numb_hh*pp_commercial_samp)*cost_5_commercial_lab);
    inc(TotEval);
    _OM[755] := 0;
inc(TotEval);
end;

//system_requested_inform_lsl row: 758
_CalcCost[756] := pws_lsl;
inc(TotEval);
if _CalcCost[756] > 0 then begin
    _Cost[756] :=
p_customer_request*numb_hh*((hrs_inform_samp_op*rate_op)+cost_cust_lt);
    inc(TotEval);
    _OM[756] := 0;

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inc(TotEval);
end;

//system_hrs_run_requested row: 759
_Cost[757] := pp_customer_request*numb_hh*hrs_cust_request_oversee_op*rate_op;
inc(TotEval);
_OM[757] := 0;
inc(TotEval);

//system_requested_discuss row: 760
_Cost[758] := pp_customer_request*numb_hh*(hrs_discuss_samp_op*rate_op);
inc(TotEval);
_OM[758] := 0;
inc(TotEval);

//system_requested_discuss_cost_nonstate row: 761
_CalcCost[759] := (1-b_state_two);
inc(TotEval);
if _CalcCost[759] > 0 then begin
_Cost[759] := pp_customer_request*numb_hh*cost_5_lt_samp;
inc(TotEval);
_OM[759] := 0;
inc(TotEval);
end;

//state_requested_discuss_cost row: 762
_CalcCost[760] := b_state_two;
inc(TotEval);
if _CalcCost[760] > 0 then begin
_Cost[760] := pp_customer_request*numb_hh*cost_5_lt_samp;
inc(TotEval);
_OM[760] := 0;
inc(TotEval);
end;

//system_requested_pickup row: 763
_Cost[761] :=
pp_customer_request*numb_hh*((hrs_pickup_samp_op*rate_op)+cost_pickup_samp);
inc(TotEval);
_OM[761] := 0;
inc(TotEval);

//system_requested_analyze row: 764
_CalcCost[762] := (1-b_state_two);
inc(TotEval);
if _CalcCost[762] > 0 then begin
_Cost[762] :=
((pp_customer_request*numb_hh*pp_lab_samp)*((hrs_analyze_samp_op*rate_op)+cost_lab_1
t_samp))+((pp_customer_request*numb_hh*pp_commercial_samp)*cost_5_commercial_lab);
inc(TotEval);

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    _OM[762] := 0;
    inc(TotEval);
end;

//state_requested_analyze row: 765
_CalcCost[763] := b_state_two;
inc(TotEval);
if _CalcCost[763] > 0 then begin
    _Cost[763] :=
((pp_customer_request*numb_hh*pp_lab_samp)*((hrs_analyze_samp_op*rate_op)+cost_lab_1
t_samp))+((pp_customer_request*numb_hh*pp_commercial_samp)*cost_5_commercial_lab);
    inc(TotEval);
    _OM[763] := 0;
    inc(TotEval);
end;

//system_requested_inform row: 766
_Cost[764] :=
pp_customer_request*numb_hh*((hrs_inform_samp_op*rate_op)+cost_cust_lt);
    inc(TotEval);
    _OM[764] := 0;
    inc(TotEval);

//system_inventory_connect_prepare row: 767
_Cost[765] := hrs_updated_initial_inv_op*rate_op;
    inc(TotEval);
    _OM[765] := 0;
    inc(TotEval);

//system_inventory_connect_submit row: 768
_Cost[766] := hrs_report_updated_initial_inv_op*rate_op;
    inc(TotEval);
    _OM[766] := 0;
    inc(TotEval);

//state_inventory_connect_review row: 769
_Cost[767] := hrs_updated_initial_inv_rev_js*rate_js;
    inc(TotEval);
    _OM[767] := 0;
    inc(TotEval);

//system_translation_phone_ale row: 770
_CalcCost[768] := p_translation*p_translation_phone;
inc(TotEval);
if _CalcCost[768] > 0 then begin
    _Cost[768] := hrs_translate_phone_op*rate_op;
    inc(TotEval);
    _OM[768] := 0;
    inc(TotEval);
end;

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//system_translation_written_ale row: 771
_CalcCost[769] := p_translation*(1-p_translation_phone);
inc(TotEval);
if _CalcCost[769] > 0 then begin
    _Cost[769] := cost_translate_cws;
    inc(TotEval);
    _OM[769] := 0;
inc(TotEval);
end;

//state_translation_phone_ale row: 772
_CalcCost[770] :=
p_translation*p_translation_phone*(1-p_translation_phone_cws)*0;
inc(TotEval);
if _CalcCost[770] > 0 then begin
    _Cost[770] := hrs_translate_phone_js*rate_js;
    inc(TotEval);
    _OM[770] := 0;
inc(TotEval);
end;

//state_translation_written_Ale row: 773
_CalcCost[771] :=
p_translation*(1-p_translation_phone)*(1-p_translation_written_cws)*0;
inc(TotEval);
if _CalcCost[771] > 0 then begin
    _Cost[771] := cost_translate_state;
    inc(TotEval);
    _OM[771] := 0;
inc(TotEval);
end;

//system_translation_phone row: 774
_CalcCost[772] := pws_lsl*p_translation*p_translation_phone;
inc(TotEval);
if _CalcCost[772] > 0 then begin
    _Cost[772] := hrs_translate_phone_op*rate_op;
    inc(TotEval);
    _OM[772] := 0;
inc(TotEval);
end;

//system_translation_written row: 775
_CalcCost[773] := pws_lsl*p_translation*(1-p_translation_phone);
inc(TotEval);
if _CalcCost[773] > 0 then begin
    _Cost[773] := cost_translate_cws;
    inc(TotEval);
    _OM[773] := 0;

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    inc(TotEval);
end;

//state_translation_phone row: 776
    _CalcCost[774] :=
pws_lsl*p_translation*p_translation_phone*(1-p_translation_phone_cws)*0;
    inc(TotEval);
    if _CalcCost[774] > 0 then begin
        _Cost[774] := hrs_translate_phone_js*rate_js;
        inc(TotEval);
        _OM[774] := 0;
    inc(TotEval);
end;

//state_translation_written row: 777
    _CalcCost[775] :=
pws_lsl*p_translation*(1-p_translation_phone)*(1-p_translation_written_cws)*0;
    inc(TotEval);
    if _CalcCost[775] > 0 then begin
        _Cost[775] := cost_translate_state;
        inc(TotEval);
        _OM[775] := 0;
    inc(TotEval);
end;

//system_devel_persist_ale_pe row: 778
    _CalcCost[776] := b_temp_pou_1+b_temp_pou_2+b_temp_pou_3+b_temp_pou_4;
    inc(TotEval);
    if _CalcCost[776] > 0 then begin
        _Cost[776] := hrs_devel_persist_ale_op*rate_op;
        inc(TotEval);
        _OM[776] := 0;
    inc(TotEval);
end;

//state_temp_persis_ale row: 779
    _CalcCost[777] := b_temp_pou_1+b_temp_pou_2+b_temp_pou_3+b_temp_pou_4;
    inc(TotEval);
    if _CalcCost[777] > 0 then begin
        _Cost[777] := hrs_temp_persist_ale_js*rate_js;
        inc(TotEval);
        _OM[777] := 0;
    inc(TotEval);
end;

//state_review_persis_ale_pe row: 780
    _CalcCost[778] := b_temp_pou_1+b_temp_pou_2+b_temp_pou_3+b_temp_pou_4;
    inc(TotEval);
    if _CalcCost[778] > 0 then begin
        _Cost[778] := hrs_review_pe_persist_ale_js*rate_js;

```

```

    inc(TotEval);
    _OM[778] := 0;
inc(TotEval);
end;

//system_deliv_persis_ale_pe row: 781
_CalcCost[779] := b_temp_pou_1+b_temp_pou_2+b_temp_pou_3+b_temp_pou_4;
inc(TotEval);
if _CalcCost[779] > 0 then begin
    _Cost[779] := (hrs_deliv_persist_ale_op*rate_op)+cost_deliv_persist_ale;
    inc(TotEval);
    _OM[779] := 0;
inc(TotEval);
end;

//system_deliv_persis_ale_pe_ntncws row: 782
_CalcCost[780] := b_temp_pou_1+b_temp_pou_2+b_temp_pou_3+b_temp_pou_4;
inc(TotEval);
if _CalcCost[780] > 0 then begin
    _Cost[780] := (hrs_ntncws_distr_pe_persist_ale_op*rate_op);
    inc(TotEval);
    _OM[780] := 0;
inc(TotEval);
end;

//system_all_hh_filter row: 783
_Cost[781] := num_lsl_filter*cost_temp_pou;
    inc(TotEval);
    _OM[781] := 0;
inc(TotEval);

//system_all_hh_filter_admin row: 784
_Cost[782] := num_lsl_filter*hrs_admin_temp_pou_op*rate_op;
    inc(TotEval);
    _OM[782] := 0;
inc(TotEval);

//system_dummy_tl_cct row: 785
_Cost[783] := 0;
    inc(TotEval);
    _OM[783] := 0;
inc(TotEval);

//system_dummy_tl_cct_cap row: 786
_Cost[784] := 0;
    inc(TotEval);
    _OM[784] := 0;
inc(TotEval);

//system_dummy_lsl_anc_vol row: 787

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_Cost[785] := 0;
  inc(TotEval);
_OM[785] := 0;
inc(TotEval);

//system_dummy_lsl_cap_vol row: 788
_Cost[786] := 0;
  inc(TotEval);
_OM[786] := 0;
inc(TotEval);

//system_dummy_lsl_hh_vol row: 789
_Cost[787] := 0;
  inc(TotEval);
_OM[787] := 0;
inc(TotEval);

//system_dummy_lsl_fail row: 790
_Cost[788] := 0;
  inc(TotEval);
_OM[788] := 0;
inc(TotEval);

//system_dummy_lsl_cap_req row: 791
_Cost[789] := 0;
  inc(TotEval);
_OM[789] := 0;
inc(TotEval);

end;
end;

procedure TLSRCompiledCostOption._EvaluateState(const Yr : integer);
begin
  _Reset(True);
  _LoadVars();
  with _Variables do begin

    //state_adopt row: 4
    _Cost[2] := (hrs_adopt_rule_js*rate_js);
    inc(TotEval);
    _OM[2] := 0;
    inc(TotEval);

    //state_modify_ds row: 5
    _Cost[3] := (hrs_modify_ds_js*rate_js);
    inc(TotEval);
    _OM[3] := 0;
    inc(TotEval);
  end;
end;

```



```

//state_provide_train row: 6
_Cost[4] := (hrs_initial_ta_js*rate_js);
    inc(TotEval);
_OM[4] := 0;
inc(TotEval);

//state_attend_train row: 8
_Cost[6] := (hrs_train_imp_js*rate_js);
    inc(TotEval);
_OM[6] := 0;
inc(TotEval);

//state_epa row: 9
_Cost[7] := (hrs_coord_epa_js*rate_js);
    inc(TotEval);
_OM[7] := 0;
inc(TotEval);

//state_ta row: 10
_Cost[8] := (hrs_ta_js*rate_js);
    inc(TotEval);
_OM[8] := 0;
inc(TotEval);

//state_sdwis row: 11
_Cost[9] := (hrs_sdwis_js*rate_js);
    inc(TotEval);
_OM[9] := 0;
inc(TotEval);

//state_train_admin row: 12
_Cost[10] := (hrs_train_ann_js*rate_js);
    inc(TotEval);
_OM[10] := 0;
inc(TotEval);

end;
end;

```

```

procedure TLSRCompiledCostOption._SetVarPointer(const name : string; const pd :
PDouble);
var s : string;
begin
    s := lowercase(name);
    if s = 'annual_pou_cost_hh' then _Variables.p_annual_pou_cost_hh:=pd else
    if s = 'b_cct_study_install' then _Variables.p_b_cct_study_install:=pd else
    if s = 'b_cct_study_mod_al' then _Variables.p_b_cct_study_mod_al:=pd else
    if s = 'b_dssa' then _Variables.p_b_dssa:=pd else
    if s = 'b_install_cct' then _Variables.p_b_install_cct:=pd else

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if s = 'b_install_pou' then _Variables.p_b_install_pou:=pd else
if s = 'b_lslr_mand' then _Variables.p_b_lslr_mand:=pd else
if s = 'b_lslr_study' then _Variables.p_b_lslr_study:=pd else
if s = 'b_modify_cct' then _Variables.p_b_modify_cct:=pd else
if s = 'b_modify_cct_al' then _Variables.p_b_modify_cct_al:=pd else
if s = 'b_pou_study' then _Variables.p_b_pou_study:=pd else
if s = 'b_state_cct_treatment_mod_al' then
_Variables.p_b_state_cct_treatment_mod_al:=pd else
if s = 'b_state_one' then _Variables.p_b_state_one:=pd else
if s = 'b_state_two' then _Variables.p_b_state_two:=pd else
if s = 'b_temp_pou_1' then _Variables.p_b_temp_pou_1:=pd else
if s = 'b_temp_pou_2' then _Variables.p_b_temp_pou_2:=pd else
if s = 'b_temp_pou_3' then _Variables.p_b_temp_pou_3:=pd else
if s = 'b_temp_pou_4' then _Variables.p_b_temp_pou_4:=pd else
if s = 'cct_dssa_cost' then _Variables.p_cct_dssa_cost:=pd else
if s = 'cct_dssa_cost_p' then _Variables.p_cct_dssa_cost_p:=pd else
if s = 'cct_dssa_cost_umra' then _Variables.p_cct_dssa_cost_umra:=pd else
if s = 'cct_dssa_cost_umra_om' then _Variables.p_cct_dssa_cost_umra_om:=pd else
if s = 'cct_existing_cost' then _Variables.p_cct_existing_cost:=pd else
if s = 'cct_install_cost' then _Variables.p_cct_install_cost:=pd else
if s = 'cct_install_cost_p' then _Variables.p_cct_install_cost_p:=pd else
if s = 'cct_install_cost_umra' then _Variables.p_cct_install_cost_umra:=pd else
if s = 'cct_install_cost_umra_om' then _Variables.p_cct_install_cost_umra_om:=pd
else
if s = 'cct_modify_cost' then _Variables.p_cct_modify_cost:=pd else
if s = 'cct_modify_cost_p' then _Variables.p_cct_modify_cost_p:=pd else
if s = 'cct_modify_cost_umra' then _Variables.p_cct_modify_cost_umra:=pd else
if s = 'cct_modify_cost_umra_om' then _Variables.p_cct_modify_cost_umra_om:=pd
else
if s = 'cost_5_commercial_lab' then _Variables.p_cost_5_commercial_lab:=pd else
if s = 'cost_5_lt_samp' then _Variables.p_cost_5_lt_samp:=pd else
if s = 'cost_ale_other' then _Variables.p_cost_ale_other:=pd else
if s = 'cost_annual_report_school_dist' then
_Variables.p_cost_annual_report_school_dist:=pd else
if s = 'cost_cct_study_dem' then _Variables.p_cost_cct_study_dem:=pd else
if s = 'cost_collect_samp_school' then _Variables.p_cost_collect_samp_school:=pd
else
if s = 'cost_commercial_lab' then _Variables.p_cost_commercial_lab:=pd else
if s = 'cost_commercial_lsl_lslr' then _Variables.p_cost_commercial_lsl_lslr:=pd
else
if s = 'cost_cust_lslr' then _Variables.p_cost_cust_lslr:=pd else
if s = 'cost_cust_lt' then _Variables.p_cost_cust_lt:=pd else
if s = 'cost_deliv_persist_ale' then _Variables.p_cost_deliv_persist_ale:=pd else
if s = 'cost_ep_wqp_material' then _Variables.p_cost_ep_wqp_material:=pd else
if s = 'cost_ep_wqp_ortho_material' then
_Variables.p_cost_ep_wqp_ortho_material:=pd else
if s = 'cost_ep_wqp_ph_material' then _Variables.p_cost_ep_wqp_ph_material:=pd
else
if s = 'cost_filter_hh' then _Variables.p_cost_filter_hh:=pd else
if s = 'cost_hc' then _Variables.p_cost_hc:=pd else

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    if s = 'cost_hh_request' then _Variables.p_cost_hh_request:=pd else
    if s = 'cost_incentive' then _Variables.p_cost_incentive:=pd else
    if s = 'cost_inform_samp_pe_school' then
_Variables.p_cost_inform_samp_pe_school:=pd else
    if s = 'cost_lab_lsl_lslr' then _Variables.p_cost_lab_lsl_lslr:=pd else
    if s = 'cost_lab_lt_samp' then _Variables.p_cost_lab_lt_samp:=pd else
    if s = 'cost_lab_ortho_wqp' then _Variables.p_cost_lab_ortho_wqp:=pd else
    if s = 'cost_lab_ph_wqp' then _Variables.p_cost_lab_ph_wqp:=pd else
    if s = 'cost_lab_wqp' then _Variables.p_cost_lab_wqp:=pd else
    if s = 'cost_lab_wqp_ep' then _Variables.p_cost_lab_wqp_ep:=pd else
    if s = 'cost_lab_wqp_ortho_ep' then _Variables.p_cost_lab_wqp_ortho_ep:=pd else
    if s = 'cost_lab_wqp_ph_ep' then _Variables.p_cost_lab_wqp_ph_ep:=pd else
    if s = 'cost_lslr_gal_prev_leadcon_ccemg_pw' then
_Variables.p_cost_lslr_gal_prev_leadcon_ccemg_pw:=pd else
    if s = 'cost_lslr_gal_prev_leadcon_reg_pws' then
_Variables.p_cost_lslr_gal_prev_leadcon_reg_pws:=pd else
    if s = 'cost_lslr_gal_prev_lsl_ccemg_pws' then
_Variables.p_cost_lslr_gal_prev_lsl_ccemg_pws:=pd else
    if s = 'cost_lslr_gal_prev_lsl_reg_pws' then
_Variables.p_cost_lslr_gal_prev_lsl_reg_pws:=pd else
    if s = 'cost_lslr_leadcon_ccemg_pws' then
_Variables.p_cost_lslr_leadcon_ccemg_pws:=pd else
    if s = 'cost_lslr_leadcon_reg_pws' then _Variables.p_cost_lslr_leadcon_reg_pws:=pd
else
    if s = 'cost_lslr_lsl_ccemg_mand_pws' then
_Variables.p_cost_lslr_lsl_ccemg_mand_pws:=pd else
    if s = 'cost_lslr_lsl_reg_mand_pws' then
_Variables.p_cost_lslr_lsl_reg_mand_pws:=pd else
    if s = 'cost_lslr_partial_ccemg_pws' then
_Variables.p_cost_lslr_partial_ccemg_pws:=pd else
    if s = 'cost_lslr_partial_reg_pws' then _Variables.p_cost_lslr_partial_reg_pws:=pd
else
    if s = 'cost_ntncws_cust_lslr' then _Variables.p_cost_ntncws_cust_lslr:=pd else
    if s = 'cost_ntncws_cust_lt' then _Variables.p_cost_ntncws_cust_lt:=pd else
    if s = 'cost_ntncws_distr_pe_pou' then _Variables.p_cost_ntncws_distr_pe_pou:=pd
else
    if s = 'cost_ntncws_pe_lcr_delivery' then
_Variables.p_cost_ntncws_pe_lcr_delivery:=pd else
    if s = 'cost_ntncws_pe_lsl_gen' then _Variables.p_cost_ntncws_pe_lsl_gen:=pd else
    if s = 'cost_other_lt_samp' then _Variables.p_cost_other_lt_samp:=pd else
    if s = 'cost_other_request' then _Variables.p_cost_other_request:=pd else
    if s = 'cost_pe_lcr_delivery' then _Variables.p_cost_pe_lcr_delivery:=pd else
    if s = 'cost_pe_lead_ale' then _Variables.p_cost_pe_lead_ale:=pd else
    if s = 'cost_pe_lsl_gen' then _Variables.p_cost_pe_lsl_gen:=pd else
    if s = 'cost_pickup_samp' then _Variables.p_cost_pickup_samp:=pd else
    if s = 'cost_pou_samp' then _Variables.p_cost_pou_samp:=pd else
    if s = 'cost_pr' then _Variables.p_cost_pr:=pd else
    if s = 'cost_print_pe_pou' then _Variables.p_cost_print_pe_pou:=pd else
    if s = 'cost_pub_deliv_wtr_ed' then _Variables.p_cost_pub_deliv_wtr_ed:=pd else
    if s = 'cost_replaced_lsl_contact' then _Variables.p_cost_replaced_lsl_contact:=pd

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else
  if s = 'cost_samp_above_al' then _Variables.p_cost_samp_above_al:=pd else
  if s = 'cost_school_annual_contact' then
    _Variables.p_cost_school_annual_contact:=pd else
  if s = 'cost_school_letter' then _Variables.p_cost_school_letter:=pd else
  if s = 'cost_source' then _Variables.p_cost_source:=pd else
  if s = 'cost_source_analyze' then _Variables.p_cost_source_analyze:=pd else
  if s = 'cost_source_material' then _Variables.p_cost_source_material:=pd else
  if s = 'cost_temp_pou' then _Variables.p_cost_temp_pou:=pd else
  if s = 'cost_translate_cws' then _Variables.p_cost_translate_cws:=pd else
  if s = 'cost_translate_state' then _Variables.p_cost_translate_state:=pd else
  if s = 'cost_travel_samp_school' then _Variables.p_cost_travel_samp_school:=pd
else
  if s = 'cost_update' then _Variables.p_cost_update:=pd else
  if s = 'cost_valid' then _Variables.p_cost_valid:=pd else
  if s = 'cost_walkthrough_school' then _Variables.p_cost_walkthrough_school:=pd
else
  if s = 'cost_wqp_analyze' then _Variables.p_cost_wqp_analyze:=pd else
  if s = 'cost_wqp_analyze_ep' then _Variables.p_cost_wqp_analyze_ep:=pd else
  if s = 'cost_wqp_analyze_ortho_ep' then _Variables.p_cost_wqp_analyze_ortho_ep:=pd
else
  if s = 'cost_wqp_analyze_ph_ep' then _Variables.p_cost_wqp_analyze_ph_ep:=pd else
  if s = 'cost_wqp_material' then _Variables.p_cost_wqp_material:=pd else
  if s = 'cost_wqp_material_ortho' then _Variables.p_cost_wqp_material_ortho:=pd
else
  if s = 'cost_wqp_material_ph' then _Variables.p_cost_wqp_material_ph:=pd else
  if s = 'cost_wqp_ortho_analyze' then _Variables.p_cost_wqp_ortho_analyze:=pd else
  if s = 'cost_wqp_ph_analyze' then _Variables.p_cost_wqp_ph_analyze:=pd else
  if s = 'hh_remain_lsl' then _Variables.p_hh_remain_lsl:=pd else
  if s = 'hh_unknown_remain' then _Variables.p_hh_unknown_remain:=pd else
  if s = 'hrs_access_lsl_op' then _Variables.p_hrs_access_lsl_op:=pd else
  if s = 'hrs_add_lsl_samp_op' then _Variables.p_hrs_add_lsl_samp_op:=pd else
  if s = 'hrs_admin_temp_pou_op' then _Variables.p_hrs_admin_temp_pou_op:=pd else
  if s = 'hrs_adopt_rule_js' then _Variables.p_hrs_adopt_rule_js:=pd else
  if s = 'hrs_ale_consult_js' then _Variables.p_hrs_ale_consult_js:=pd else
  if s = 'hrs_ale_consult_op' then _Variables.p_hrs_ale_consult_op:=pd else
  if s = 'hrs_ale_lang_js' then _Variables.p_hrs_ale_lang_js:=pd else
  if s = 'hrs_ale_other_op' then _Variables.p_hrs_ale_other_op:=pd else
  if s = 'hrs_analyze_lsl_lslr_op' then _Variables.p_hrs_analyze_lsl_lslr_op:=pd
else
  if s = 'hrs_analyze_samp_op' then _Variables.p_hrs_analyze_samp_op:=pd else
  if s = 'hrs_annual_lt_js' then _Variables.p_hrs_annual_lt_js:=pd else
  if s = 'hrs_annual_lt_op' then _Variables.p_hrs_annual_lt_op:=pd else
  if s = 'hrs_annual_report_school_js' then
    _Variables.p_hrs_annual_report_school_js:=pd else
  if s = 'hrs_annual_report_school_prepare_op' then
    _Variables.p_hrs_annual_report_school_prepare_op:=pd else
  if s = 'hrs_assign_staff_imp_op' then _Variables.p_hrs_assign_staff_imp_op:=pd
else
  if s = 'hrs_cct_review_js' then _Variables.p_hrs_cct_review_js:=pd else

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    if s = 'hrs_cert_cust_lt_js' then _Variables.p_hrs_cert_cust_lt_js:=pd else
    if s = 'hrs_cert_cust_lt_op' then _Variables.p_hrs_cert_cust_lt_op:=pd else
    if s = 'hrs_cert_outreach_annual_js' then
_VVariables.p_hrs_cert_outreach_annual_js:=pd else
    if s = 'hrs_cert_outreach_annual_op' then
_VVariables.p_hrs_cert_outreach_annual_op:=pd else
    if s = 'hrs_childcare_call_op' then _Variables.p_hrs_childcare_call_op:=pd else
    if s = 'hrs_chng_tap_js' then _Variables.p_hrs_chng_tap_js:=pd else
    if s = 'hrs_chng_tap_op' then _Variables.p_hrs_chng_tap_op:=pd else
    if s = 'hrs_collect_lsl_lslr_op' then _Variables.p_hrs_collect_lsl_lslr_op:=pd
else
    if s = 'hrs_collect_samp_school_op' then
_VVariables.p_hrs_collect_samp_school_op:=pd else
    if s = 'hrs_consult_dssa_js' then _Variables.p_hrs_consult_dssa_js:=pd else
    if s = 'hrs_consult_dssa_op' then _Variables.p_hrs_consult_dssa_op:=pd else
    if s = 'hrs_consult_temp_pou_js' then _Variables.p_hrs_consult_temp_pou_js:=pd
else
    if s = 'hrs_consult_temp_pou_op' then _Variables.p_hrs_consult_temp_pou_op:=pd
else
    if s = 'hrs_coop_source_chng_red_js' then
_VVariables.p_hrs_coop_source_chng_red_js:=pd else
    if s = 'hrs_coop_source_chng_red_op' then
_VVariables.p_hrs_coop_source_chng_red_op:=pd else
    if s = 'hrs_coop_source_chng_rout_js' then
_VVariables.p_hrs_coop_source_chng_rout_js:=pd else
    if s = 'hrs_coop_source_chng_rout_op' then
_VVariables.p_hrs_coop_source_chng_rout_op:=pd else
    if s = 'hrs_coop_treat_chng_red_js' then
_VVariables.p_hrs_coop_treat_chng_red_js:=pd else
    if s = 'hrs_coop_treat_chng_red_op' then
_VVariables.p_hrs_coop_treat_chng_red_op:=pd else
    if s = 'hrs_coop_treat_chng_rout_js' then
_VVariables.p_hrs_coop_treat_chng_rout_js:=pd else
    if s = 'hrs_coop_treat_chng_rout_op' then
_VVariables.p_hrs_coop_treat_chng_rout_op:=pd else
    if s = 'hrs_coord_epa_js' then _Variables.p_hrs_coord_epa_js:=pd else
    if s = 'hrs_cust_plan_op' then _Variables.p_hrs_cust_plan_op:=pd else
    if s = 'hrs_cust_request_oversee_op' then
_VVariables.p_hrs_cust_request_oversee_op:=pd else
    if s = 'hrs_deliv_persist_ale_op' then _Variables.p_hrs_deliv_persist_ale_op:=pd
else
    if s = 'hrs_deter_dssa_op' then _Variables.p_hrs_deter_dssa_op:=pd else
    if s = 'hrs_devel_pe_school_op' then _Variables.p_hrs_devel_pe_school_op:=pd else
    if s = 'hrs_devel_persist_ale_op' then _Variables.p_hrs_devel_persist_ale_op:=pd
else
    if s = 'hrs_devel_samp_op' then _Variables.p_hrs_devel_samp_op:=pd else
    if s = 'hrs_discuss_samp_op' then _Variables.p_hrs_discuss_samp_op:=pd else
    if s = 'hrs_distr_agencies_pe_op' then _Variables.p_hrs_distr_agencies_pe_op:=pd
else
    if s = 'hrs_distr_edu_op' then _Variables.p_hrs_distr_edu_op:=pd else

```

```

if s = 'hrs_ep_wqp_op' then _Variables.p_hrs_ep_wqp_op:=pd else
if s = 'hrs_fin_op_op' then _Variables.p_hrs_fin_op_op:=pd else
if s = 'hrs_ha_op' then _Variables.p_hrs_ha_op:=pd else
if s = 'hrs_hc_js' then _Variables.p_hrs_hc_js:=pd else
if s = 'hrs_hc_list_op' then _Variables.p_hrs_hc_list_op:=pd else
if s = 'hrs_hc_op' then _Variables.p_hrs_hc_op:=pd else
if s = 'hrs_hh_request_op' then _Variables.p_hrs_hh_request_op:=pd else
if s = 'hrs_inform_samp_op' then _Variables.p_hrs_inform_samp_op:=pd else
if s = 'hrs_inform_samp_pe_school_op' then
_Variables.p_hrs_inform_samp_pe_school_op:=pd else
if s = 'hrs_initial_ta_js' then _Variables.p_hrs_initial_ta_js:=pd else
if s = 'hrs_initial_ta_op' then _Variables.p_hrs_initial_ta_op:=pd else
if s = 'hrs_initial_tap_confer_op' then _Variables.p_hrs_initial_tap_confer_op:=pd
else
if s = 'hrs_initial_tap_rev_js' then _Variables.p_hrs_initial_tap_rev_js:=pd else
if s = 'hrs_inv_update_rev_js' then _Variables.p_hrs_inv_update_rev_js:=pd else
if s = 'hrs_inv_valid_rev_js' then _Variables.p_hrs_inv_valid_rev_js:=pd else
if s = 'hrs_lslr_plan_js' then _Variables.p_hrs_lslr_plan_js:=pd else
if s = 'hrs_lslr_plan_op' then _Variables.p_hrs_lslr_plan_op:=pd else
if s = 'hrs_maint_lsl_op' then _Variables.p_hrs_maint_lsl_op:=pd else
if s = 'hrs_modify_ds_js' then _Variables.p_hrs_modify_ds_js:=pd else
if s = 'hrs_nolsl_op' then _Variables.p_hrs_nolsl_op:=pd else
if s = 'hrs_ntncws_cust_lslr_op' then _Variables.p_hrs_ntncws_cust_lslr_op:=pd
else
if s = 'hrs_ntncws_distr_edu_op' then _Variables.p_hrs_ntncws_distr_edu_op:=pd
else
if s = 'hrs_ntncws_distr_pe_persist_ale_op' then
_Variables.p_hrs_ntncws_distr_pe_persist_ale_op:=pd else
if s = 'hrs_ntncws_distr_pe_pou_op' then
_Variables.p_hrs_ntncws_distr_pe_pou_op:=pd else
if s = 'hrs_ntncws_inform_samp_op' then _Variables.p_hrs_ntncws_inform_samp_op:=pd
else
if s = 'hrs_ntncws_pe_lsl_gen_dist_op' then
_Variables.p_hrs_ntncws_pe_lsl_gen_dist_op:=pd else
if s = 'hrs_other_request_op' then _Variables.p_hrs_other_request_op:=pd else
if s = 'hrs_pe_al_devel_op' then _Variables.p_hrs_pe_al_devel_op:=pd else
if s = 'hrs_pe_certify_quarterly_js' then
_Variables.p_hrs_pe_certify_quarterly_js:=pd else
if s = 'hrs_pe_certify_quarterly_op' then
_Variables.p_hrs_pe_certify_quarterly_op:=pd else
if s = 'hrs_pe_lsl_gen_develop_op' then _Variables.p_hrs_pe_lsl_gen_develop_op:=pd
else
if s = 'hrs_pe_lsl_gen_dist_op' then _Variables.p_hrs_pe_lsl_gen_dist_op:=pd else
if s = 'hrs_pe_lsl_gen_temp_js' then _Variables.p_hrs_pe_lsl_gen_temp_js:=pd else
if s = 'hrs_pe_lsl_rev_js' then _Variables.p_hrs_pe_lsl_rev_js:=pd else
if s = 'hrs_pe_pou_op' then _Variables.p_hrs_pe_pou_op:=pd else
if s = 'hrs_pickup_samp_op' then _Variables.p_hrs_pickup_samp_op:=pd else
if s = 'hrs_pou_plan_dev_op' then _Variables.p_hrs_pou_plan_dev_op:=pd else
if s = 'hrs_pou_plan_rev_js' then _Variables.p_hrs_pou_plan_rev_js:=pd else
if s = 'hrs_pou_report_ann_prep_op' then

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_Variables.p_hrs_pou_report_ann_prep_op:=pd else
  if s = 'hrs_pou_report_ann_rev_js' then _Variables.p_hrs_pou_report_ann_rev_js:=pd
else
  if s = 'hrs_pr_op' then _Variables.p_hrs_pr_op:=pd else
  if s = 'hrs_print_pe_pou_op' then _Variables.p_hrs_print_pe_pou_op:=pd else
  if s = 'hrs_pub_access_op' then _Variables.p_hrs_pub_access_op:=pd else
  if s = 'hrs_pub_deliv_wtr_op' then _Variables.p_hrs_pub_deliv_wtr_op:=pd else
  if s = 'hrs_pub_devel_hc_op' then _Variables.p_hrs_pub_devel_hc_op:=pd else
  if s = 'hrs_pub_devel_wtr_op' then _Variables.p_hrs_pub_devel_wtr_op:=pd else
  if s = 'hrs_pub_rev_hc_js' then _Variables.p_hrs_pub_rev_hc_js:=pd else
  if s = 'hrs_pub_temp_hc_js' then _Variables.p_hrs_pub_temp_hc_js:=pd else
  if s = 'hrs_read_rule_op' then _Variables.p_hrs_read_rule_op:=pd else
  if s = 'hrs_renew_nine_js' then _Variables.p_hrs_renew_nine_js:=pd else
  if s = 'hrs_renew_nine_op' then _Variables.p_hrs_renew_nine_op:=pd else
  if s = 'hrs_replaced_lsl_contact_op' then
_Variables.p_hrs_replaced_lsl_contact_op:=pd else
  if s = 'hrs_report_dssa_js' then _Variables.p_hrs_report_dssa_js:=pd else
  if s = 'hrs_report_dssa_op' then _Variables.p_hrs_report_dssa_op:=pd else
  if s = 'hrs_report_inv_op' then _Variables.p_hrs_report_inv_op:=pd else
  if s = 'hrs_report_lcr_js' then _Variables.p_hrs_report_lcr_js:=pd else
  if s = 'hrs_report_lcr_op' then _Variables.p_hrs_report_lcr_op:=pd else
  if s = 'hrs_report_sch_cc_results_op' then
_Variables.p_hrs_report_sch_cc_results_op:=pd else
  if s = 'hrs_report_source_op' then _Variables.p_hrs_report_source_op:=pd else
  if s = 'hrs_report_updated_initial_inv_op' then
_Variables.p_hrs_report_updated_initial_inv_op:=pd else
  if s = 'hrs_report_wqp_op' then _Variables.p_hrs_report_wqp_op:=pd else
  if s = 'hrs_request_pou_op' then _Variables.p_hrs_request_pou_op:=pd else
  if s = 'hrs_reset_owqp_js' then _Variables.p_hrs_reset_owqp_js:=pd else
  if s = 'hrs_result_discuss_op' then _Variables.p_hrs_result_discuss_op:=pd else
  if s = 'hrs_rev_cct_op' then _Variables.p_hrs_rev_cct_op:=pd else
  if s = 'hrs_rev_nolsl_js' then _Variables.p_hrs_rev_nolsl_js:=pd else
  if s = 'hrs_rev_samp_js' then _Variables.p_hrs_rev_samp_js:=pd else
  if s = 'hrs_rev_samp_plan_js' then _Variables.p_hrs_rev_samp_plan_js:=pd else
  if s = 'hrs_rev_school_info_js' then _Variables.p_hrs_rev_school_info_js:=pd else
  if s = 'hrs_rev_school_list_js' then _Variables.p_hrs_rev_school_list_js:=pd else
  if s = 'hrs_review_cct_study_lead_js' then
_Variables.p_hrs_review_cct_study_lead_js:=pd else
  if s = 'hrs_review_pe_persist_ale_js' then
_Variables.p_hrs_review_pe_persist_ale_js:=pd else
  if s = 'hrs_review_pe_pou_js' then _Variables.p_hrs_review_pe_pou_js:=pd else
  if s = 'hrs_review_wtr_pe_js' then _Variables.p_hrs_review_wtr_pe_js:=pd else
  if s = 'hrs_samp_above_al_op' then _Variables.p_hrs_samp_above_al_op:=pd else
  if s = 'hrs_samp_invalid_js' then _Variables.p_hrs_samp_invalid_js:=pd else
  if s = 'hrs_samp_invalid_op' then _Variables.p_hrs_samp_invalid_op:=pd else
  if s = 'hrs_samp_notice_js' then _Variables.p_hrs_samp_notice_js:=pd else
  if s = 'hrs_samp_notice_op' then _Variables.p_hrs_samp_notice_op:=pd else
  if s = 'hrs_samp_reject_op' then _Variables.p_hrs_samp_reject_op:=pd else
  if s = 'hrs_samp_volunt_op' then _Variables.p_hrs_samp_volunt_op:=pd else
  if s = 'hrs_samp_volunt_pou_op' then _Variables.p_hrs_samp_volunt_pou_op:=pd else

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```

    if s = 'hrs_sanit_surv_js' then _Variables.p_hrs_sanit_surv_js:=pd else
    if s = 'hrs_sanit_surv_op' then _Variables.p_hrs_sanit_surv_op:=pd else
    if s = 'hrs_sch_cc_results_review_js' then
_Variables.p_hrs_sch_cc_results_review_js:=pd else
    if s = 'hrs_school_annual_contact_op' then
_Variables.p_hrs_school_annual_contact_op:=pd else
    if s = 'hrs_school_call_op' then _Variables.p_hrs_school_call_op:=pd else
    if s = 'hrs_school_coor_sample_op' then _Variables.p_hrs_school_coor_sample_op:=pd
else
    if s = 'hrs_school_help_op' then _Variables.p_hrs_school_help_op:=pd else
    if s = 'hrs_school_identify_op' then _Variables.p_hrs_school_identify_op:=pd else
    if s = 'hrs_school_letter_op' then _Variables.p_hrs_school_letter_op:=pd else
    if s = 'hrs_sdwis_js' then _Variables.p_hrs_sdwis_js:=pd else
    if s = 'hrs_set_owqp_js' then _Variables.p_hrs_set_owqp_js:=pd else
    if s = 'hrs_sm_flex_option_js' then _Variables.p_hrs_sm_flex_option_js:=pd else
    if s = 'hrs_sm_flex_option_op' then _Variables.p_hrs_sm_flex_option_op:=pd else
    if s = 'hrs_source_js' then _Variables.p_hrs_source_js:=pd else
    if s = 'hrs_source_op' then _Variables.p_hrs_source_op:=pd else
    if s = 'hrs_ta_js' then _Variables.p_hrs_ta_js:=pd else
    if s = 'hrs_temp_ccr_js' then _Variables.p_hrs_temp_ccr_js:=pd else
    if s = 'hrs_temp_filter_plan_dev_js' then
_Variables.p_hrs_temp_filter_plan_dev_js:=pd else
    if s = 'hrs_temp_filter_plan_dev_op' then
_Variables.p_hrs_temp_filter_plan_dev_op:=pd else
    if s = 'hrs_temp_persist_ale_js' then _Variables.p_hrs_temp_persist_ale_js:=pd
else
    if s = 'hrs_temp_pou_js' then _Variables.p_hrs_temp_pou_js:=pd else
    if s = 'hrs_temp_school_js' then _Variables.p_hrs_temp_school_js:=pd else
    if s = 'hrs_train_ann_js' then _Variables.p_hrs_train_ann_js:=pd else
    if s = 'hrs_train_imp_js' then _Variables.p_hrs_train_imp_js:=pd else
    if s = 'hrs_translate_phone_js' then _Variables.p_hrs_translate_phone_js:=pd else
    if s = 'hrs_translate_phone_op' then _Variables.p_hrs_translate_phone_op:=pd else
    if s = 'hrs_travel_samp_school_op' then _Variables.p_hrs_travel_samp_school_op:=pd
else
    if s = 'hrs_update_ccr_op' then _Variables.p_hrs_update_ccr_op:=pd else
    if s = 'hrs_updated_initial_inv_op' then
_Variables.p_hrs_updated_initial_inv_op:=pd else
    if s = 'hrs_updated_initial_inv_rev_js' then
_Variables.p_hrs_updated_initial_inv_rev_js:=pd else
    if s = 'hrs_valid_report_op' then _Variables.p_hrs_valid_report_op:=pd else
    if s = 'hrs_walkthrough_school_op' then _Variables.p_hrs_walkthrough_school_op:=pd
else
    if s = 'hrs_web_op' then _Variables.p_hrs_web_op:=pd else
    if s = 'hrs_wqp_analyze_dist_op' then _Variables.p_hrs_wqp_analyze_dist_op:=pd
else
    if s = 'hrs_wqp_analyze_ep_op' then _Variables.p_hrs_wqp_analyze_ep_op:=pd else
    if s = 'hrs_wqp_analyze_ortho_ep_op' then
_Variables.p_hrs_wqp_analyze_ortho_ep_op:=pd else
    if s = 'hrs_wqp_analyze_ortho_op' then _Variables.p_hrs_wqp_analyze_ortho_op:=pd
else

```



```

    if s = 'hrs_wqp_analyze_ph_ep_op' then _Variables.p_hrs_wqp_analyze_ph_ep_op:=pd
else
    if s = 'hrs_wqp_analyze_ph_op' then _Variables.p_hrs_wqp_analyze_ph_op:=pd else
    if s = 'hrs_wqp_dssa_op' then _Variables.p_hrs_wqp_dssa_op:=pd else
    if s = 'hrs_wqp_js' then _Variables.p_hrs_wqp_js:=pd else
    if s = 'hrs_wqp_op' then _Variables.p_hrs_wqp_op:=pd else
    if s = 'num_lsl_filter' then _Variables.p_num_lsl_filter:=pd else
    if s = 'num_lsl_replace' then _Variables.p_num_lsl_replace:=pd else
    if s = 'num_lsl_validated' then _Variables.p_num_lsl_validated:=pd else
    if s = 'num_lslr_gal_prev_leadcon_replace' then
_Variables.p_num_lslr_gal_prev_leadcon_replace:=pd else
    if s = 'num_lslr_gal_prev_lsl_replace' then
_Variables.p_num_lslr_gal_prev_lsl_replace:=pd else
    if s = 'num_lslr_leadcon_replace' then _Variables.p_num_lslr_leadcon_replace:=pd
else
    if s = 'num_lslr_lsl_replace' then _Variables.p_num_lslr_lsl_replace:=pd else
    if s = 'num_lslr_partial_replace' then _Variables.p_num_lslr_partial_replace:=pd
else
    if s = 'num_temp_pou' then _Variables.p_num_temp_pou:=pd else
    if s = 'num_unknown_resolved' then _Variables.p_num_unknown_resolved:=pd else
    if s = 'numb_daycares' then _Variables.p_numb_daycares:=pd else
    if s = 'numb_elem_schools_priv' then _Variables.p_numb_elem_schools_priv:=pd else
    if s = 'numb_elem_schools_pub' then _Variables.p_numb_elem_schools_pub:=pd else
    if s = 'numb_enhance_wqp' then _Variables.p_numb_enhance_wqp:=pd else
    if s = 'numb_ep' then _Variables.p_numb_ep:=pd else
    if s = 'numb_ep_wqp' then _Variables.p_numb_ep_wqp:=pd else
    if s = 'numb_ha' then _Variables.p_numb_ha:=pd else
    if s = 'numb_hh' then _Variables.p_numb_hh:=pd else
    if s = 'numb_lcr_other_org' then _Variables.p_numb_lcr_other_org:=pd else
    if s = 'numb_other_request' then _Variables.p_numb_other_request:=pd else
    if s = 'numb_pou' then _Variables.p_numb_pou:=pd else
    if s = 'numb_reduced_tap' then _Variables.p_numb_reduced_tap:=pd else
    if s = 'numb_reduced_wqp' then _Variables.p_numb_reduced_wqp:=pd else
    if s = 'numb_samp_customer' then _Variables.p_numb_samp_customer:=pd else
    if s = 'numb_samp_five' then _Variables.p_numb_samp_five:=pd else
    if s = 'numb_samp_lslr' then _Variables.p_numb_samp_lslr:=pd else
    if s = 'numb_samp_two' then _Variables.p_numb_samp_two:=pd else
    if s = 'numb_second_schools_priv' then _Variables.p_numb_second_schools_priv:=pd
else
    if s = 'numb_second_schools_pub' then _Variables.p_numb_second_schools_pub:=pd
else
    if s = 'numb_st_sample' then _Variables.p_numb_st_sample:=pd else
    if s = 'numb_wqp_sites_added' then _Variables.p_numb_wqp_sites_added:=pd else
    if s = 'numb_wqp_sites_added_prev' then _Variables.p_numb_wqp_sites_added_prev:=pd
else
    if s = 'p_copper_ale' then _Variables.p_p_copper_ale:=pd else
    if s = 'p_customer_request' then _Variables.p_p_customer_request:=pd else
    if s = 'p_incentive' then _Variables.p_p_incentive:=pd else
    if s = 'p_inventory' then _Variables.p_p_inventory:=pd else
    if s = 'p_source_chng' then _Variables.p_p_source_chng:=pd else

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if s = 'p_source_sig' then _Variables.p_p_source_sig:=pd else
if s = 'p_spec_req' then _Variables.p_p_spec_req:=pd else
if s = 'p_tap_annual' then _Variables.p_p_tap_annual:=pd else
if s = 'p_tap_nine' then _Variables.p_p_tap_nine:=pd else
if s = 'p_tap_triennial' then _Variables.p_p_tap_triennial:=pd else
if s = 'p_translation' then _Variables.p_p_translation:=pd else
if s = 'p_translation_phone' then _Variables.p_p_translation_phone:=pd else
if s = 'p_translation_phone_cws' then _Variables.p_p_translation_phone_cws:=pd
else
  if s = 'p_translation_written_cws' then _Variables.p_p_translation_written_cws:=pd
else
  if s = 'p_treat_change' then _Variables.p_p_treat_change:=pd else
  if s = 'p_wqp_all' then _Variables.p_p_wqp_all:=pd else
  if s = 'p_wqp_annual' then _Variables.p_p_wqp_annual:=pd else
  if s = 'p_wqp_cond' then _Variables.p_p_wqp_cond:=pd else
  if s = 'p_wqp_six_red' then _Variables.p_p_wqp_six_red:=pd else
  if s = 'p_wqp_triennial' then _Variables.p_p_wqp_triennial:=pd else
  if s = 'pbaseph' then _Variables.p_pbaseph:=pd else
  if s = 'pbasephpo4' then _Variables.p_pbasephpo4:=pd else
  if s = 'pbasepo4' then _Variables.p_pbasepo4:=pd else
  if s = 'perc_hh_water_wrk' then _Variables.p_perc_hh_water_wrk:=pd else
  if s = 'pp_above_al_bin_one' then _Variables.p_pp_above_al_bin_one:=pd else
  if s = 'pp_above_al_bin_three' then _Variables.p_pp_above_al_bin_three:=pd else
  if s = 'pp_childcare_onreq_waiver' then _Variables.p_pp_childcare_onreq_waiver:=pd
else
  if s = 'pp_commercial_samp' then _Variables.p_pp_commercial_samp:=pd else
  if s = 'pp_commercial_samp_school' then _Variables.p_pp_commercial_samp_school:=pd
else
  if s = 'pp_customer_request' then _Variables.p_pp_customer_request:=pd else
  if s = 'pp_grandfather_mand_child' then _Variables.p_pp_grandfather_mand_child:=pd
else
  if s = 'pp_hh_request_lslr' then _Variables.p_pp_hh_request_lslr:=pd else
  if s = 'pp_hh_return_samp' then _Variables.p_pp_hh_return_samp:=pd else
  if s = 'pp_lab_samp' then _Variables.p_pp_lab_samp:=pd else
  if s = 'pp_lab_samp_school' then _Variables.p_pp_lab_samp_school:=pd else
  if s = 'pp_lslr_cap_emerg' then _Variables.p_pp_lslr_cap_emerg:=pd else
  if s = 'pp_mand_twenty_partic' then _Variables.p_pp_mand_twenty_partic:=pd else
  if s = 'pp_priv_elem_mand_waiver' then _Variables.p_pp_priv_elem_mand_waiver:=pd
else
  if s = 'pp_priv_elem_onreq_waiver' then _Variables.p_pp_priv_elem_onreq_waiver:=pd
else
  if s = 'pp_priv_second_onreq1_waiver' then
_Variables.p_pp_priv_second_onreq1_waiver:=pd else
  if s = 'pp_priv_second_onreq2_waiver' then
_Variables.p_pp_priv_second_onreq2_waiver:=pd else
  if s = 'pp_pub_elem_mand_waiver' then _Variables.p_pp_pub_elem_mand_waiver:=pd
else
  if s = 'pp_pub_elem_onreq_waiver' then _Variables.p_pp_pub_elem_onreq_waiver:=pd
else
  if s = 'pp_pub_second_onreq1_waiver' then

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_Variables.p_pp_pub_second_onreq1_waiver:=pd else
  if s = 'pp_pub_second_onreq2_waiver' then
_Variables.p_pp_pub_second_onreq2_waiver:=pd else
  if s = 'pp_samp_invalid' then _Variables.p_pp_samp_invalid:=pd else
  if s = 'pp_samp_reject' then _Variables.p_pp_samp_reject:=pd else
  if s = 'pp_voluntary_partic' then _Variables.p_pp_voluntary_partic:=pd else
  if s = 'pws_cct' then _Variables.p_pws_cct:=pd else
  if s = 'pws_lsl' then _Variables.p_pws_lsl:=pd else
  if s = 'pws_pop' then _Variables.p_pws_pop:=pd else
  if s = 'rate_js' then _Variables.p_rate_js:=pd else
  if s = 'rate_op' then _Variables.p_rate_op:=pd else
  if s = 'school_3a' then _Variables.p_school_3a:=pd else
  if s = 'system_pou' then _Variables.p_system_pou:=pd ;

end;

function TLSRCompiledCostOption._DumpVars: string;
var s : string;
begin
  s:='';
  s := s + 'annual_pou_cost_hh: ' + _Variables.annual_pou_cost_hh.ToString + #13#10;
  s := s + 'b_cct_study_install: ' + _Variables.b_cct_study_install.ToString +
#13#10;
  s := s + 'b_cct_study_mod_al: ' + _Variables.b_cct_study_mod_al.ToString + #13#10;
  s := s + 'b_dssa: ' + _Variables.b_dssa.ToString + #13#10;
  s := s + 'b_install_cct: ' + _Variables.b_install_cct.ToString + #13#10;
  s := s + 'b_install_pou: ' + _Variables.b_install_pou.ToString + #13#10;
  s := s + 'b_lslr_mand: ' + _Variables.b_lslr_mand.ToString + #13#10;
  s := s + 'b_lslr_study: ' + _Variables.b_lslr_study.ToString + #13#10;
  s := s + 'b_modify_cct: ' + _Variables.b_modify_cct.ToString + #13#10;
  s := s + 'b_modify_cct_al: ' + _Variables.b_modify_cct_al.ToString + #13#10;
  s := s + 'b_pou_study: ' + _Variables.b_pou_study.ToString + #13#10;
  s := s + 'b_state_cct_treatment_mod_al: ' +
_Variables.b_state_cct_treatment_mod_al.ToString + #13#10;
  s := s + 'b_state_one: ' + _Variables.b_state_one.ToString + #13#10;
  s := s + 'b_state_two: ' + _Variables.b_state_two.ToString + #13#10;
  s := s + 'b_temp_pou_1: ' + _Variables.b_temp_pou_1.ToString + #13#10;
  s := s + 'b_temp_pou_2: ' + _Variables.b_temp_pou_2.ToString + #13#10;
  s := s + 'b_temp_pou_3: ' + _Variables.b_temp_pou_3.ToString + #13#10;
  s := s + 'b_temp_pou_4: ' + _Variables.b_temp_pou_4.ToString + #13#10;
  s := s + 'cct_dssa_cost: ' + _Variables.cct_dssa_cost.ToString + #13#10;
  s := s + 'cct_dssa_cost_p: ' + _Variables.cct_dssa_cost_p.ToString + #13#10;
  s := s + 'cct_dssa_cost_umra: ' + _Variables.cct_dssa_cost_umra.ToString + #13#10;
  s := s + 'cct_dssa_cost_umra_om: ' + _Variables.cct_dssa_cost_umra_om.ToString +
#13#10;
  s := s + 'cct_existing_cost: ' + _Variables.cct_existing_cost.ToString + #13#10;
  s := s + 'cct_install_cost: ' + _Variables.cct_install_cost.ToString + #13#10;
  s := s + 'cct_install_cost_p: ' + _Variables.cct_install_cost_p.ToString + #13#10;
  s := s + 'cct_install_cost_umra: ' + _Variables.cct_install_cost_umra.ToString +
#13#10;

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s := s + 'cct_install_cost_umra_om: ' +
_Variables.cct_install_cost_umra_om.ToString + #13#10;
s := s + 'cct_modify_cost: ' + _Variables.cct_modify_cost.ToString + #13#10;
s := s + 'cct_modify_cost_p: ' + _Variables.cct_modify_cost_p.ToString + #13#10;
s := s + 'cct_modify_cost_umra: ' + _Variables.cct_modify_cost_umra.ToString +
#13#10;
s := s + 'cct_modify_cost_umra_om: ' + _Variables.cct_modify_cost_umra_om.ToString
+ #13#10;
s := s + 'cost_5_commercial_lab: ' + _Variables.cost_5_commercial_lab.ToString +
#13#10;
s := s + 'cost_5_lt_samp: ' + _Variables.cost_5_lt_samp.ToString + #13#10;
s := s + 'cost_ale_other: ' + _Variables.cost_ale_other.ToString + #13#10;
s := s + 'cost_annual_report_school_dist: ' +
_Variables.cost_annual_report_school_dist.ToString + #13#10;
s := s + 'cost_cct_study_dem: ' + _Variables.cost_cct_study_dem.ToString + #13#10;
s := s + 'cost_collect_samp_school: ' +
_Variables.cost_collect_samp_school.ToString + #13#10;
s := s + 'cost_commercial_lab: ' + _Variables.cost_commercial_lab.ToString +
#13#10;
s := s + 'cost_commercial_lsl_lslr: ' +
_Variables.cost_commercial_lsl_lslr.ToString + #13#10;
s := s + 'cost_cust_lslr: ' + _Variables.cost_cust_lslr.ToString + #13#10;
s := s + 'cost_cust_lt: ' + _Variables.cost_cust_lt.ToString + #13#10;
s := s + 'cost_deliv_persist_ale: ' + _Variables.cost_deliv_persist_ale.ToString +
#13#10;
s := s + 'cost_ep_wqp_material: ' + _Variables.cost_ep_wqp_material.ToString +
#13#10;
s := s + 'cost_ep_wqp_ortho_material: ' +
_Variables.cost_ep_wqp_ortho_material.ToString + #13#10;
s := s + 'cost_ep_wqp_ph_material: ' + _Variables.cost_ep_wqp_ph_material.ToString
+ #13#10;
s := s + 'cost_filter_hh: ' + _Variables.cost_filter_hh.ToString + #13#10;
s := s + 'cost_hc: ' + _Variables.cost_hc.ToString + #13#10;
s := s + 'cost_hh_request: ' + _Variables.cost_hh_request.ToString + #13#10;
s := s + 'cost_incentive: ' + _Variables.cost_incentive.ToString + #13#10;
s := s + 'cost_inform_samp_pe_school: ' +
_Variables.cost_inform_samp_pe_school.ToString + #13#10;
s := s + 'cost_lab_lsl_lslr: ' + _Variables.cost_lab_lsl_lslr.ToString + #13#10;
s := s + 'cost_lab_lt_samp: ' + _Variables.cost_lab_lt_samp.ToString + #13#10;
s := s + 'cost_lab_ortho_wqp: ' + _Variables.cost_lab_ortho_wqp.ToString + #13#10;
s := s + 'cost_lab_ph_wqp: ' + _Variables.cost_lab_ph_wqp.ToString + #13#10;
s := s + 'cost_lab_wqp: ' + _Variables.cost_lab_wqp.ToString + #13#10;
s := s + 'cost_lab_wqp_ep: ' + _Variables.cost_lab_wqp_ep.ToString + #13#10;
s := s + 'cost_lab_wqp_ortho_ep: ' + _Variables.cost_lab_wqp_ortho_ep.ToString +
#13#10;
s := s + 'cost_lab_wqp_ph_ep: ' + _Variables.cost_lab_wqp_ph_ep.ToString + #13#10;
s := s + 'cost_lslr_gal_prev_leadcon_ccemg_pw: ' +
_Variables.cost_lslr_gal_prev_leadcon_ccemg_pw.ToString + #13#10;
s := s + 'cost_lslr_gal_prev_leadcon_reg_pws: ' +
_Variables.cost_lslr_gal_prev_leadcon_reg_pws.ToString + #13#10;

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s := s + 'cost_lslr_gal_prev_lsl_ccemg_pws: ' +
_Variables.cost_lslr_gal_prev_lsl_ccemg_pws.ToString + #13#10;
s := s + 'cost_lslr_gal_prev_lsl_reg_pws: ' +
_Variables.cost_lslr_gal_prev_lsl_reg_pws.ToString + #13#10;
s := s + 'cost_lslr_leadcon_ccemg_pws: ' +
_Variables.cost_lslr_leadcon_ccemg_pws.ToString + #13#10;
s := s + 'cost_lslr_leadcon_reg_pws: ' +
_Variables.cost_lslr_leadcon_reg_pws.ToString + #13#10;
s := s + 'cost_lslr_lsl_ccemg_mand_pws: ' +
_Variables.cost_lslr_lsl_ccemg_mand_pws.ToString + #13#10;
s := s + 'cost_lslr_lsl_reg_mand_pws: ' +
_Variables.cost_lslr_lsl_reg_mand_pws.ToString + #13#10;
s := s + 'cost_lslr_partial_ccemg_pws: ' +
_Variables.cost_lslr_partial_ccemg_pws.ToString + #13#10;
s := s + 'cost_lslr_partial_reg_pws: ' +
_Variables.cost_lslr_partial_reg_pws.ToString + #13#10;
s := s + 'cost_ntncws_cust_lslr: ' + _Variables.cost_ntncws_cust_lslr.ToString +
#13#10;
s := s + 'cost_ntncws_cust_lt: ' + _Variables.cost_ntncws_cust_lt.ToString +
#13#10;
s := s + 'cost_ntncws_distr_pe_pou: ' +
_Variables.cost_ntncws_distr_pe_pou.ToString + #13#10;
s := s + 'cost_ntncws_pe_lcr_delivery: ' +
_Variables.cost_ntncws_pe_lcr_delivery.ToString + #13#10;
s := s + 'cost_ntncws_pe_lsl_gen: ' + _Variables.cost_ntncws_pe_lsl_gen.ToString +
#13#10;
s := s + 'cost_other_lt_samp: ' + _Variables.cost_other_lt_samp.ToString + #13#10;
s := s + 'cost_other_request: ' + _Variables.cost_other_request.ToString + #13#10;
s := s + 'cost_pe_lcr_delivery: ' + _Variables.cost_pe_lcr_delivery.ToString +
#13#10;
s := s + 'cost_pe_lead_ale: ' + _Variables.cost_pe_lead_ale.ToString + #13#10;
s := s + 'cost_pe_lsl_gen: ' + _Variables.cost_pe_lsl_gen.ToString + #13#10;
s := s + 'cost_pickup_samp: ' + _Variables.cost_pickup_samp.ToString + #13#10;
s := s + 'cost_pou_samp: ' + _Variables.cost_pou_samp.ToString + #13#10;
s := s + 'cost_pr: ' + _Variables.cost_pr.ToString + #13#10;
s := s + 'cost_print_pe_pou: ' + _Variables.cost_print_pe_pou.ToString + #13#10;
s := s + 'cost_pub_deliv_wtr_ed: ' + _Variables.cost_pub_deliv_wtr_ed.ToString +
#13#10;
s := s + 'cost_replaced_lsl_contact: ' +
_Variables.cost_replaced_lsl_contact.ToString + #13#10;
s := s + 'cost_samp_above_al: ' + _Variables.cost_samp_above_al.ToString + #13#10;
s := s + 'cost_school_annual_contact: ' +
_Variables.cost_school_annual_contact.ToString + #13#10;
s := s + 'cost_school_letter: ' + _Variables.cost_school_letter.ToString + #13#10;
s := s + 'cost_source: ' + _Variables.cost_source.ToString + #13#10;
s := s + 'cost_source_analyze: ' + _Variables.cost_source_analyze.ToString +
#13#10;
s := s + 'cost_source_material: ' + _Variables.cost_source_material.ToString +
#13#10;
s := s + 'cost_temp_pou: ' + _Variables.cost_temp_pou.ToString + #13#10;

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s := s + 'cost_translate_cws: ' + _Variables.cost_translate_cws.ToString + #13#10;
s := s + 'cost_translate_state: ' + _Variables.cost_translate_state.ToString +
#13#10;
s := s + 'cost_travel_samp_school: ' + _Variables.cost_travel_samp_school.ToString
+ #13#10;
s := s + 'cost_update: ' + _Variables.cost_update.ToString + #13#10;
s := s + 'cost_valid: ' + _Variables.cost_valid.ToString + #13#10;
s := s + 'cost_walkthrough_school: ' + _Variables.cost_walkthrough_school.ToString
+ #13#10;
s := s + 'cost_wqp_analyze: ' + _Variables.cost_wqp_analyze.ToString + #13#10;
s := s + 'cost_wqp_analyze_ep: ' + _Variables.cost_wqp_analyze_ep.ToString +
#13#10;
s := s + 'cost_wqp_analyze_ortho_ep: ' +
_Variables.cost_wqp_analyze_ortho_ep.ToString + #13#10;
s := s + 'cost_wqp_analyze_ph_ep: ' + _Variables.cost_wqp_analyze_ph_ep.ToString +
#13#10;
s := s + 'cost_wqp_material: ' + _Variables.cost_wqp_material.ToString + #13#10;
s := s + 'cost_wqp_material_ortho: ' + _Variables.cost_wqp_material_ortho.ToString
+ #13#10;
s := s + 'cost_wqp_material_ph: ' + _Variables.cost_wqp_material_ph.ToString +
#13#10;
s := s + 'cost_wqp_ortho_analyze: ' + _Variables.cost_wqp_ortho_analyze.ToString +
#13#10;
s := s + 'cost_wqp_ph_analyze: ' + _Variables.cost_wqp_ph_analyze.ToString +
#13#10;
s := s + 'hh_remain_lsl: ' + _Variables.hh_remain_lsl.ToString + #13#10;
s := s + 'hh_unknown_remain: ' + _Variables.hh_unknown_remain.ToString + #13#10;
s := s + 'hrs_access_lsl_op: ' + _Variables.hrs_access_lsl_op.ToString + #13#10;
s := s + 'hrs_add_lsl_samp_op: ' + _Variables.hrs_add_lsl_samp_op.ToString +
#13#10;
s := s + 'hrs_admin_temp_pou_op: ' + _Variables.hrs_admin_temp_pou_op.ToString +
#13#10;
s := s + 'hrs_adopt_rule_js: ' + _Variables.hrs_adopt_rule_js.ToString + #13#10;
s := s + 'hrs_ale_consult_js: ' + _Variables.hrs_ale_consult_js.ToString + #13#10;
s := s + 'hrs_ale_consult_op: ' + _Variables.hrs_ale_consult_op.ToString + #13#10;
s := s + 'hrs_ale_lang_js: ' + _Variables.hrs_ale_lang_js.ToString + #13#10;
s := s + 'hrs_ale_other_op: ' + _Variables.hrs_ale_other_op.ToString + #13#10;
s := s + 'hrs_analyze_lsl_lslr_op: ' + _Variables.hrs_analyze_lsl_lslr_op.ToString
+ #13#10;
s := s + 'hrs_analyze_samp_op: ' + _Variables.hrs_analyze_samp_op.ToString +
#13#10;
s := s + 'hrs_annual_lt_js: ' + _Variables.hrs_annual_lt_js.ToString + #13#10;
s := s + 'hrs_annual_lt_op: ' + _Variables.hrs_annual_lt_op.ToString + #13#10;
s := s + 'hrs_annual_report_school_js: ' +
_Variables.hrs_annual_report_school_js.ToString + #13#10;
s := s + 'hrs_annual_report_school_prepare_op: ' +
_Variables.hrs_annual_report_school_prepare_op.ToString + #13#10;
s := s + 'hrs_assign_staff_imp_op: ' + _Variables.hrs_assign_staff_imp_op.ToString
+ #13#10;
s := s + 'hrs_cct_review_js: ' + _Variables.hrs_cct_review_js.ToString + #13#10;

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s := s + 'hrs_cert_cust_lt_js: ' + _Variables.hrs_cert_cust_lt_js.ToString +
#13#10;
s := s + 'hrs_cert_cust_lt_op: ' + _Variables.hrs_cert_cust_lt_op.ToString +
#13#10;
s := s + 'hrs_cert_outreach_annual_js: ' +
_Variables.hrs_cert_outreach_annual_js.ToString + #13#10;
s := s + 'hrs_cert_outreach_annual_op: ' +
_Variables.hrs_cert_outreach_annual_op.ToString + #13#10;
s := s + 'hrs_childcare_call_op: ' + _Variables.hrs_childcare_call_op.ToString +
#13#10;
s := s + 'hrs_chng_tap_js: ' + _Variables.hrs_chng_tap_js.ToString + #13#10;
s := s + 'hrs_chng_tap_op: ' + _Variables.hrs_chng_tap_op.ToString + #13#10;
s := s + 'hrs_collect_lsl_lslr_op: ' + _Variables.hrs_collect_lsl_lslr_op.ToString
+ #13#10;
s := s + 'hrs_collect_samp_school_op: ' +
_Variables.hrs_collect_samp_school_op.ToString + #13#10;
s := s + 'hrs_consult_dssa_js: ' + _Variables.hrs_consult_dssa_js.ToString +
#13#10;
s := s + 'hrs_consult_dssa_op: ' + _Variables.hrs_consult_dssa_op.ToString +
#13#10;
s := s + 'hrs_consult_temp_pou_js: ' + _Variables.hrs_consult_temp_pou_js.ToString
+ #13#10;
s := s + 'hrs_consult_temp_pou_op: ' + _Variables.hrs_consult_temp_pou_op.ToString
+ #13#10;
s := s + 'hrs_coop_source_chng_red_js: ' +
_Variables.hrs_coop_source_chng_red_js.ToString + #13#10;
s := s + 'hrs_coop_source_chng_red_op: ' +
_Variables.hrs_coop_source_chng_red_op.ToString + #13#10;
s := s + 'hrs_coop_source_chng_rout_js: ' +
_Variables.hrs_coop_source_chng_rout_js.ToString + #13#10;
s := s + 'hrs_coop_source_chng_rout_op: ' +
_Variables.hrs_coop_source_chng_rout_op.ToString + #13#10;
s := s + 'hrs_coop_treat_chng_red_js: ' +
_Variables.hrs_coop_treat_chng_red_js.ToString + #13#10;
s := s + 'hrs_coop_treat_chng_red_op: ' +
_Variables.hrs_coop_treat_chng_red_op.ToString + #13#10;
s := s + 'hrs_coop_treat_chng_rout_js: ' +
_Variables.hrs_coop_treat_chng_rout_js.ToString + #13#10;
s := s + 'hrs_coop_treat_chng_rout_op: ' +
_Variables.hrs_coop_treat_chng_rout_op.ToString + #13#10;
s := s + 'hrs_coord_epa_js: ' + _Variables.hrs_coord_epa_js.ToString + #13#10;
s := s + 'hrs_cust_plan_op: ' + _Variables.hrs_cust_plan_op.ToString + #13#10;
s := s + 'hrs_cust_request_oversee_op: ' +
_Variables.hrs_cust_request_oversee_op.ToString + #13#10;
s := s + 'hrs_deliv_persist_ale_op: ' +
_Variables.hrs_deliv_persist_ale_op.ToString + #13#10;
s := s + 'hrs_deter_dssa_op: ' + _Variables.hrs_deter_dssa_op.ToString + #13#10;
s := s + 'hrs_devel_pe_school_op: ' + _Variables.hrs_devel_pe_school_op.ToString +
#13#10;
s := s + 'hrs_devel_persist_ale_op: ' +

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_Variables.hrs_devel_persist_ale_op.ToString + #13#10;
s := s + 'hrs_devel_samp_op: ' + _Variables.hrs_devel_samp_op.ToString + #13#10;
s := s + 'hrs_discuss_samp_op: ' + _Variables.hrs_discuss_samp_op.ToString +
#13#10;
s := s + 'hrs_distr_agencies_pe_op: ' +
_Variables.hrs_distr_agencies_pe_op.ToString + #13#10;
s := s + 'hrs_distr_edu_op: ' + _Variables.hrs_distr_edu_op.ToString + #13#10;
s := s + 'hrs_ep_wqp_op: ' + _Variables.hrs_ep_wqp_op.ToString + #13#10;
s := s + 'hrs_fin_op_op: ' + _Variables.hrs_fin_op_op.ToString + #13#10;
s := s + 'hrs_ha_op: ' + _Variables.hrs_ha_op.ToString + #13#10;
s := s + 'hrs_hc_js: ' + _Variables.hrs_hc_js.ToString + #13#10;
s := s + 'hrs_hc_list_op: ' + _Variables.hrs_hc_list_op.ToString + #13#10;
s := s + 'hrs_hc_op: ' + _Variables.hrs_hc_op.ToString + #13#10;
s := s + 'hrs_hh_request_op: ' + _Variables.hrs_hh_request_op.ToString + #13#10;
s := s + 'hrs_inform_samp_op: ' + _Variables.hrs_inform_samp_op.ToString + #13#10;
s := s + 'hrs_inform_samp_pe_school_op: ' +
_Variables.hrs_inform_samp_pe_school_op.ToString + #13#10;
s := s + 'hrs_initial_ta_js: ' + _Variables.hrs_initial_ta_js.ToString + #13#10;
s := s + 'hrs_initial_ta_op: ' + _Variables.hrs_initial_ta_op.ToString + #13#10;
s := s + 'hrs_initial_tap_confer_op: ' +
_Variables.hrs_initial_tap_confer_op.ToString + #13#10;
s := s + 'hrs_initial_tap_rev_js: ' + _Variables.hrs_initial_tap_rev_js.ToString +
#13#10;
s := s + 'hrs_inv_update_rev_js: ' + _Variables.hrs_inv_update_rev_js.ToString +
#13#10;
s := s + 'hrs_inv_valid_rev_js: ' + _Variables.hrs_inv_valid_rev_js.ToString +
#13#10;
s := s + 'hrs_lslr_plan_js: ' + _Variables.hrs_lslr_plan_js.ToString + #13#10;
s := s + 'hrs_lslr_plan_op: ' + _Variables.hrs_lslr_plan_op.ToString + #13#10;
s := s + 'hrs_maint_lsl_op: ' + _Variables.hrs_maint_lsl_op.ToString + #13#10;
s := s + 'hrs_modify_ds_js: ' + _Variables.hrs_modify_ds_js.ToString + #13#10;
s := s + 'hrs_nolsl_op: ' + _Variables.hrs_nolsl_op.ToString + #13#10;
s := s + 'hrs_ntncws_cust_lslr_op: ' + _Variables.hrs_ntncws_cust_lslr_op.ToString
+ #13#10;
s := s + 'hrs_ntncws_distr_edu_op: ' + _Variables.hrs_ntncws_distr_edu_op.ToString
+ #13#10;
s := s + 'hrs_ntncws_distr_pe_persist_ale_op: ' +
_Variables.hrs_ntncws_distr_pe_persist_ale_op.ToString + #13#10;
s := s + 'hrs_ntncws_distr_pe_pou_op: ' +
_Variables.hrs_ntncws_distr_pe_pou_op.ToString + #13#10;
s := s + 'hrs_ntncws_inform_samp_op: ' +
_Variables.hrs_ntncws_inform_samp_op.ToString + #13#10;
s := s + 'hrs_ntncws_pe_lsl_gen_dist_op: ' +
_Variables.hrs_ntncws_pe_lsl_gen_dist_op.ToString + #13#10;
s := s + 'hrs_other_request_op: ' + _Variables.hrs_other_request_op.ToString +
#13#10;
s := s + 'hrs_pe_al_devel_op: ' + _Variables.hrs_pe_al_devel_op.ToString + #13#10;
s := s + 'hrs_pe_certify_quarterly_js: ' +
_Variables.hrs_pe_certify_quarterly_js.ToString + #13#10;
s := s + 'hrs_pe_certify_quarterly_op: ' +

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_Variables.hrs_pe_certify_quarterly_op.ToString + #13#10;
    s := s + 'hrs_pe_lsl_gen_develop_op: ' +
_Variables.hrs_pe_lsl_gen_develop_op.ToString + #13#10;
    s := s + 'hrs_pe_lsl_gen_dist_op: ' + _Variables.hrs_pe_lsl_gen_dist_op.ToString +
#13#10;
    s := s + 'hrs_pe_lsl_gen_temp_js: ' + _Variables.hrs_pe_lsl_gen_temp_js.ToString +
#13#10;
    s := s + 'hrs_pe_lsl_rev_js: ' + _Variables.hrs_pe_lsl_rev_js.ToString + #13#10;
    s := s + 'hrs_pe_pou_op: ' + _Variables.hrs_pe_pou_op.ToString + #13#10;
    s := s + 'hrs_pickup_samp_op: ' + _Variables.hrs_pickup_samp_op.ToString + #13#10;
    s := s + 'hrs_pou_plan_dev_op: ' + _Variables.hrs_pou_plan_dev_op.ToString +
#13#10;
    s := s + 'hrs_pou_plan_rev_js: ' + _Variables.hrs_pou_plan_rev_js.ToString +
#13#10;
    s := s + 'hrs_pou_report_ann_prep_op: ' +
_Variables.hrs_pou_report_ann_prep_op.ToString + #13#10;
    s := s + 'hrs_pou_report_ann_rev_js: ' +
_Variables.hrs_pou_report_ann_rev_js.ToString + #13#10;
    s := s + 'hrs_pr_op: ' + _Variables.hrs_pr_op.ToString + #13#10;
    s := s + 'hrs_print_pe_pou_op: ' + _Variables.hrs_print_pe_pou_op.ToString +
#13#10;
    s := s + 'hrs_pub_access_op: ' + _Variables.hrs_pub_access_op.ToString + #13#10;
    s := s + 'hrs_pub_deliv_wtr_op: ' + _Variables.hrs_pub_deliv_wtr_op.ToString +
#13#10;
    s := s + 'hrs_pub_devel_hc_op: ' + _Variables.hrs_pub_devel_hc_op.ToString +
#13#10;
    s := s + 'hrs_pub_devel_wtr_op: ' + _Variables.hrs_pub_devel_wtr_op.ToString +
#13#10;
    s := s + 'hrs_pub_rev_hc_js: ' + _Variables.hrs_pub_rev_hc_js.ToString + #13#10;
    s := s + 'hrs_pub_temp_hc_js: ' + _Variables.hrs_pub_temp_hc_js.ToString + #13#10;
    s := s + 'hrs_read_rule_op: ' + _Variables.hrs_read_rule_op.ToString + #13#10;
    s := s + 'hrs_renew_nine_js: ' + _Variables.hrs_renew_nine_js.ToString + #13#10;
    s := s + 'hrs_renew_nine_op: ' + _Variables.hrs_renew_nine_op.ToString + #13#10;
    s := s + 'hrs_replaced_lsl_contact_op: ' +
_Variables.hrs_replaced_lsl_contact_op.ToString + #13#10;
    s := s + 'hrs_report_dssa_js: ' + _Variables.hrs_report_dssa_js.ToString + #13#10;
    s := s + 'hrs_report_dssa_op: ' + _Variables.hrs_report_dssa_op.ToString + #13#10;
    s := s + 'hrs_report_inv_op: ' + _Variables.hrs_report_inv_op.ToString + #13#10;
    s := s + 'hrs_report_lcr_js: ' + _Variables.hrs_report_lcr_js.ToString + #13#10;
    s := s + 'hrs_report_lcr_op: ' + _Variables.hrs_report_lcr_op.ToString + #13#10;
    s := s + 'hrs_report_sch_cc_results_op: ' +
_Variables.hrs_report_sch_cc_results_op.ToString + #13#10;
    s := s + 'hrs_report_source_op: ' + _Variables.hrs_report_source_op.ToString +
#13#10;
    s := s + 'hrs_report_updated_initial_inv_op: ' +
_Variables.hrs_report_updated_initial_inv_op.ToString + #13#10;
    s := s + 'hrs_report_wqp_op: ' + _Variables.hrs_report_wqp_op.ToString + #13#10;
    s := s + 'hrs_request_pou_op: ' + _Variables.hrs_request_pou_op.ToString + #13#10;
    s := s + 'hrs_reset_owqp_js: ' + _Variables.hrs_reset_owqp_js.ToString + #13#10;
    s := s + 'hrs_result_discuss_op: ' + _Variables.hrs_result_discuss_op.ToString +

```

```

#13#10;
s := s + 'hrs_rev_cct_op: ' + _Variables.hrs_rev_cct_op.ToString + #13#10;
s := s + 'hrs_rev_nolsl_js: ' + _Variables.hrs_rev_nolsl_js.ToString + #13#10;
s := s + 'hrs_rev_samp_js: ' + _Variables.hrs_rev_samp_js.ToString + #13#10;
s := s + 'hrs_rev_samp_plan_js: ' + _Variables.hrs_rev_samp_plan_js.ToString +
#13#10;
s := s + 'hrs_rev_school_info_js: ' + _Variables.hrs_rev_school_info_js.ToString +
#13#10;
s := s + 'hrs_rev_school_list_js: ' + _Variables.hrs_rev_school_list_js.ToString +
#13#10;
s := s + 'hrs_review_cct_study_lead_js: ' +
_Variables.hrs_review_cct_study_lead_js.ToString + #13#10;
s := s + 'hrs_review_pe_persist_ale_js: ' +
_Variables.hrs_review_pe_persist_ale_js.ToString + #13#10;
s := s + 'hrs_review_pe_pou_js: ' + _Variables.hrs_review_pe_pou_js.ToString +
#13#10;
s := s + 'hrs_review_wtr_pe_js: ' + _Variables.hrs_review_wtr_pe_js.ToString +
#13#10;
s := s + 'hrs_samp_above_al_op: ' + _Variables.hrs_samp_above_al_op.ToString +
#13#10;
s := s + 'hrs_samp_invalid_js: ' + _Variables.hrs_samp_invalid_js.ToString +
#13#10;
s := s + 'hrs_samp_invalid_op: ' + _Variables.hrs_samp_invalid_op.ToString +
#13#10;
s := s + 'hrs_samp_notice_js: ' + _Variables.hrs_samp_notice_js.ToString + #13#10;
s := s + 'hrs_samp_notice_op: ' + _Variables.hrs_samp_notice_op.ToString + #13#10;
s := s + 'hrs_samp_reject_op: ' + _Variables.hrs_samp_reject_op.ToString + #13#10;
s := s + 'hrs_samp_volunt_op: ' + _Variables.hrs_samp_volunt_op.ToString + #13#10;
s := s + 'hrs_samp_volunt_pou_op: ' + _Variables.hrs_samp_volunt_pou_op.ToString +
#13#10;
s := s + 'hrs_sanit_surv_js: ' + _Variables.hrs_sanit_surv_js.ToString + #13#10;
s := s + 'hrs_sanit_surv_op: ' + _Variables.hrs_sanit_surv_op.ToString + #13#10;
s := s + 'hrs_sch_cc_results_review_js: ' +
_Variables.hrs_sch_cc_results_review_js.ToString + #13#10;
s := s + 'hrs_school_annual_contact_op: ' +
_Variables.hrs_school_annual_contact_op.ToString + #13#10;
s := s + 'hrs_school_call_op: ' + _Variables.hrs_school_call_op.ToString + #13#10;
s := s + 'hrs_school_coor_sample_op: ' +
_Variables.hrs_school_coor_sample_op.ToString + #13#10;
s := s + 'hrs_school_help_op: ' + _Variables.hrs_school_help_op.ToString + #13#10;
s := s + 'hrs_school_identify_op: ' + _Variables.hrs_school_identify_op.ToString +
#13#10;
s := s + 'hrs_school_letter_op: ' + _Variables.hrs_school_letter_op.ToString +
#13#10;
s := s + 'hrs_sdwis_js: ' + _Variables.hrs_sdwis_js.ToString + #13#10;
s := s + 'hrs_set_owqp_js: ' + _Variables.hrs_set_owqp_js.ToString + #13#10;
s := s + 'hrs_sm_flex_option_js: ' + _Variables.hrs_sm_flex_option_js.ToString +
#13#10;
s := s + 'hrs_sm_flex_option_op: ' + _Variables.hrs_sm_flex_option_op.ToString +
#13#10;

```

```

s := s + 'hrs_source_js: ' + _Variables.hrs_source_js.ToString + #13#10;
s := s + 'hrs_source_op: ' + _Variables.hrs_source_op.ToString + #13#10;
s := s + 'hrs_ta_js: ' + _Variables.hrs_ta_js.ToString + #13#10;
s := s + 'hrs_temp_ccr_js: ' + _Variables.hrs_temp_ccr_js.ToString + #13#10;
s := s + 'hrs_temp_filter_plan_dev_js: ' +
_VVariables.hrs_temp_filter_plan_dev_js.ToString + #13#10;
s := s + 'hrs_temp_filter_plan_dev_op: ' +
_VVariables.hrs_temp_filter_plan_dev_op.ToString + #13#10;
s := s + 'hrs_temp_persist_ale_js: ' + _Variables.hrs_temp_persist_ale_js.ToString
+ #13#10;
s := s + 'hrs_temp_pou_js: ' + _Variables.hrs_temp_pou_js.ToString + #13#10;
s := s + 'hrs_temp_school_js: ' + _Variables.hrs_temp_school_js.ToString + #13#10;
s := s + 'hrs_train_ann_js: ' + _Variables.hrs_train_ann_js.ToString + #13#10;
s := s + 'hrs_train_imp_js: ' + _Variables.hrs_train_imp_js.ToString + #13#10;
s := s + 'hrs_translate_phone_js: ' + _Variables.hrs_translate_phone_js.ToString +
#13#10;
s := s + 'hrs_translate_phone_op: ' + _Variables.hrs_translate_phone_op.ToString +
#13#10;
s := s + 'hrs_travel_samp_school_op: ' +
_VVariables.hrs_travel_samp_school_op.ToString + #13#10;
s := s + 'hrs_update_ccr_op: ' + _Variables.hrs_update_ccr_op.ToString + #13#10;
s := s + 'hrs_updated_initial_inv_op: ' +
_VVariables.hrs_updated_initial_inv_op.ToString + #13#10;
s := s + 'hrs_updated_initial_inv_rev_js: ' +
_VVariables.hrs_updated_initial_inv_rev_js.ToString + #13#10;
s := s + 'hrs_valid_report_op: ' + _Variables.hrs_valid_report_op.ToString +
#13#10;
s := s + 'hrs_walkthrough_school_op: ' +
_VVariables.hrs_walkthrough_school_op.ToString + #13#10;
s := s + 'hrs_web_op: ' + _Variables.hrs_web_op.ToString + #13#10;
s := s + 'hrs_wqp_analyze_dist_op: ' + _Variables.hrs_wqp_analyze_dist_op.ToString
+ #13#10;
s := s + 'hrs_wqp_analyze_ep_op: ' + _Variables.hrs_wqp_analyze_ep_op.ToString +
#13#10;
s := s + 'hrs_wqp_analyze_ortho_ep_op: ' +
_VVariables.hrs_wqp_analyze_ortho_ep_op.ToString + #13#10;
s := s + 'hrs_wqp_analyze_ortho_op: ' +
_VVariables.hrs_wqp_analyze_ortho_op.ToString + #13#10;
s := s + 'hrs_wqp_analyze_ph_ep_op: ' +
_VVariables.hrs_wqp_analyze_ph_ep_op.ToString + #13#10;
s := s + 'hrs_wqp_analyze_ph_op: ' + _Variables.hrs_wqp_analyze_ph_op.ToString +
#13#10;
s := s + 'hrs_wqp_dssa_op: ' + _Variables.hrs_wqp_dssa_op.ToString + #13#10;
s := s + 'hrs_wqp_js: ' + _Variables.hrs_wqp_js.ToString + #13#10;
s := s + 'hrs_wqp_op: ' + _Variables.hrs_wqp_op.ToString + #13#10;
s := s + 'num_lsl_filter: ' + _Variables.num_lsl_filter.ToString + #13#10;
s := s + 'num_lsl_replace: ' + _Variables.num_lsl_replace.ToString + #13#10;
s := s + 'num_lsl_validated: ' + _Variables.num_lsl_validated.ToString + #13#10;
s := s + 'num_lslr_gal_prev_leadcon_replace: ' +
_VVariables.num_lslr_gal_prev_leadcon_replace.ToString + #13#10;

```

```

s := s + 'num_lslr_gal_prev_lsl_replace: ' +
_Variables.num_lslr_gal_prev_lsl_replace.ToString + #13#10;
s := s + 'num_lslr_leadcon_replace: ' +
_Variables.num_lslr_leadcon_replace.ToString + #13#10;
s := s + 'num_lslr_lsl_replace: ' + _Variables.num_lslr_lsl_replace.ToString +
#13#10;
s := s + 'num_lslr_partial_replace: ' +
_Variables.num_lslr_partial_replace.ToString + #13#10;
s := s + 'num_temp_pou: ' + _Variables.num_temp_pou.ToString + #13#10;
s := s + 'num_unknown_resolved: ' + _Variables.num_unknown_resolved.ToString +
#13#10;
s := s + 'numb_daycares: ' + _Variables.numb_daycares.ToString + #13#10;
s := s + 'numb_elem_schools_priv: ' + _Variables.numb_elem_schools_priv.ToString +
#13#10;
s := s + 'numb_elem_schools_pub: ' + _Variables.numb_elem_schools_pub.ToString +
#13#10;
s := s + 'numb_enhance_wqp: ' + _Variables.numb_enhance_wqp.ToString + #13#10;
s := s + 'numb_ep: ' + _Variables.numb_ep.ToString + #13#10;
s := s + 'numb_ep_wqp: ' + _Variables.numb_ep_wqp.ToString + #13#10;
s := s + 'numb_ha: ' + _Variables.numb_ha.ToString + #13#10;
s := s + 'numb_hh: ' + _Variables.numb_hh.ToString + #13#10;
s := s + 'numb_lcr_other_org: ' + _Variables.numb_lcr_other_org.ToString + #13#10;
s := s + 'numb_other_request: ' + _Variables.numb_other_request.ToString + #13#10;
s := s + 'numb_pou: ' + _Variables.numb_pou.ToString + #13#10;
s := s + 'numb_reduced_tap: ' + _Variables.numb_reduced_tap.ToString + #13#10;
s := s + 'numb_reduced_wqp: ' + _Variables.numb_reduced_wqp.ToString + #13#10;
s := s + 'numb_samp_customer: ' + _Variables.numb_samp_customer.ToString + #13#10;
s := s + 'numb_samp_five: ' + _Variables.numb_samp_five.ToString + #13#10;
s := s + 'numb_samp_lslr: ' + _Variables.numb_samp_lslr.ToString + #13#10;
s := s + 'numb_samp_two: ' + _Variables.numb_samp_two.ToString + #13#10;
s := s + 'numb_second_schools_priv: ' +
_Variables.numb_second_schools_priv.ToString + #13#10;
s := s + 'numb_second_schools_pub: ' + _Variables.numb_second_schools_pub.ToString
+ #13#10;
s := s + 'numb_st_sample: ' + _Variables.numb_st_sample.ToString + #13#10;
s := s + 'numb_wqp_sites_added: ' + _Variables.numb_wqp_sites_added.ToString +
#13#10;
s := s + 'numb_wqp_sites_added_prev: ' +
_Variables.numb_wqp_sites_added_prev.ToString + #13#10;
s := s + 'p_copper_ale: ' + _Variables.p_copper_ale.ToString + #13#10;
s := s + 'p_customer_request: ' + _Variables.p_customer_request.ToString + #13#10;
s := s + 'p_incentive: ' + _Variables.p_incentive.ToString + #13#10;
s := s + 'p_inventory: ' + _Variables.p_inventory.ToString + #13#10;
s := s + 'p_source_chng: ' + _Variables.p_source_chng.ToString + #13#10;
s := s + 'p_source_sig: ' + _Variables.p_source_sig.ToString + #13#10;
s := s + 'p_spec_req: ' + _Variables.p_spec_req.ToString + #13#10;
s := s + 'p_tap_annual: ' + _Variables.p_tap_annual.ToString + #13#10;
s := s + 'p_tap_nine: ' + _Variables.p_tap_nine.ToString + #13#10;
s := s + 'p_tap_triennial: ' + _Variables.p_tap_triennial.ToString + #13#10;
s := s + 'p_translation: ' + _Variables.p_translation.ToString + #13#10;

```

```

s := s + 'p_translation_phone: ' + _Variables.p_translation_phone.ToString +
#13#10;
s := s + 'p_translation_phone_cws: ' + _Variables.p_translation_phone_cws.ToString
+ #13#10;
s := s + 'p_translation_written_cws: ' +
_Variables.p_translation_written_cws.ToString + #13#10;
s := s + 'p_treat_change: ' + _Variables.p_treat_change.ToString + #13#10;
s := s + 'p_wqp_all: ' + _Variables.p_wqp_all.ToString + #13#10;
s := s + 'p_wqp_annual: ' + _Variables.p_wqp_annual.ToString + #13#10;
s := s + 'p_wqp_cond: ' + _Variables.p_wqp_cond.ToString + #13#10;
s := s + 'p_wqp_six_red: ' + _Variables.p_wqp_six_red.ToString + #13#10;
s := s + 'p_wqp_triennial: ' + _Variables.p_wqp_triennial.ToString + #13#10;
s := s + 'pbaseph: ' + _Variables.pbaseph.ToString + #13#10;
s := s + 'pbasephpo4: ' + _Variables.pbasephpo4.ToString + #13#10;
s := s + 'pbasepo4: ' + _Variables.pbasepo4.ToString + #13#10;
s := s + 'perc_hh_water_wrk: ' + _Variables.perc_hh_water_wrk.ToString + #13#10;
s := s + 'pp_above_al_bin_one: ' + _Variables.pp_above_al_bin_one.ToString +
#13#10;
s := s + 'pp_above_al_bin_three: ' + _Variables.pp_above_al_bin_three.ToString +
#13#10;
s := s + 'pp_childcare_onreq_waiver: ' +
_Variables.pp_childcare_onreq_waiver.ToString + #13#10;
s := s + 'pp_commercial_samp: ' + _Variables.pp_commercial_samp.ToString + #13#10;
s := s + 'pp_commercial_samp_school: ' +
_Variables.pp_commercial_samp_school.ToString + #13#10;
s := s + 'pp_customer_request: ' + _Variables.pp_customer_request.ToString +
#13#10;
s := s + 'pp_grandfather_mand_child: ' +
_Variables.pp_grandfather_mand_child.ToString + #13#10;
s := s + 'pp_hh_request_lslr: ' + _Variables.pp_hh_request_lslr.ToString + #13#10;
s := s + 'pp_hh_return_samp: ' + _Variables.pp_hh_return_samp.ToString + #13#10;
s := s + 'pp_lab_samp: ' + _Variables.pp_lab_samp.ToString + #13#10;
s := s + 'pp_lab_samp_school: ' + _Variables.pp_lab_samp_school.ToString + #13#10;
s := s + 'pp_lslr_cap_emerg: ' + _Variables.pp_lslr_cap_emerg.ToString + #13#10;
s := s + 'pp_mand_twenty_partic: ' + _Variables.pp_mand_twenty_partic.ToString +
#13#10;
s := s + 'pp_priv_elem_mand_waiver: ' +
_Variables.pp_priv_elem_mand_waiver.ToString + #13#10;
s := s + 'pp_priv_elem_onreq_waiver: ' +
_Variables.pp_priv_elem_onreq_waiver.ToString + #13#10;
s := s + 'pp_priv_second_onreq1_waiver: ' +
_Variables.pp_priv_second_onreq1_waiver.ToString + #13#10;
s := s + 'pp_priv_second_onreq2_waiver: ' +
_Variables.pp_priv_second_onreq2_waiver.ToString + #13#10;
s := s + 'pp_pub_elem_mand_waiver: ' + _Variables.pp_pub_elem_mand_waiver.ToString
+ #13#10;
s := s + 'pp_pub_elem_onreq_waiver: ' +
_Variables.pp_pub_elem_onreq_waiver.ToString + #13#10;
s := s + 'pp_pub_second_onreq1_waiver: ' +
_Variables.pp_pub_second_onreq1_waiver.ToString + #13#10;

```

```

s := s + 'pp_pub_second_onreq2_waiver: ' +
_Variables.pp_pub_second_onreq2_waiver.ToString + #13#10;
s := s + 'pp_samp_invalid: ' + _Variables.pp_samp_invalid.ToString + #13#10;
s := s + 'pp_samp_reject: ' + _Variables.pp_samp_reject.ToString + #13#10;
s := s + 'pp_voluntary_partic: ' + _Variables.pp_voluntary_partic.ToString +
#13#10;
s := s + 'pws_cct: ' + _Variables.pws_cct.ToString + #13#10;
s := s + 'pws_lsl: ' + _Variables.pws_lsl.ToString + #13#10;
s := s + 'pws_pop: ' + _Variables.pws_pop.ToString + #13#10;
s := s + 'rate_js: ' + _Variables.rate_js.ToString + #13#10;
s := s + 'rate_op: ' + _Variables.rate_op.ToString + #13#10;
s := s + 'school_3a: ' + _Variables.school_3a.ToString + #13#10;
s := s + 'system_pou: ' + _Variables.system_pou.ToString + #13#10;

```

```

result:=s;
end;

```

```

constructor TLSRCompiledCostOption.create;

```

```

begin

```

```

    inherited create;
    _ImAState[0] := false;
    _ImAState[1] := false;
    _ImAState[2] := true;
    _ImAState[3] := true;
    _ImAState[4] := true;
    _ImAState[5] := false;
    _ImAState[6] := true;
    _ImAState[7] := true;
    _ImAState[8] := true;
    _ImAState[9] := true;
    _ImAState[10] := true;
    _ImAState[11] := false;
    _ImAState[12] := false;
    _ImAState[13] := false;
    _ImAState[14] := false;
    _ImAState[15] := false;
    _ImAState[16] := false;
    _ImAState[17] := false;
    _ImAState[18] := false;
    _ImAState[19] := false;
    _ImAState[20] := false;
    _ImAState[21] := false;
    _ImAState[22] := false;
    _ImAState[23] := false;
    _ImAState[24] := false;
    _ImAState[25] := false;
    _ImAState[26] := false;
    _ImAState[27] := false;
    _ImAState[28] := false;
    _ImAState[29] := false;

```

```
_ImAState[30] := false;  
_ImAState[31] := false;  
_ImAState[32] := false;  
_ImAState[33] := false;  
_ImAState[34] := false;  
_ImAState[35] := false;  
_ImAState[36] := false;  
_ImAState[37] := false;  
_ImAState[38] := false;  
_ImAState[39] := false;  
_ImAState[40] := false;  
_ImAState[41] := false;  
_ImAState[42] := false;  
_ImAState[43] := false;  
_ImAState[44] := false;  
_ImAState[45] := false;  
_ImAState[46] := false;  
_ImAState[47] := false;  
_ImAState[48] := false;  
_ImAState[49] := false;  
_ImAState[50] := false;  
_ImAState[51] := false;  
_ImAState[52] := false;  
_ImAState[53] := false;  
_ImAState[54] := false;  
_ImAState[55] := false;  
_ImAState[56] := false;  
_ImAState[57] := false;  
_ImAState[58] := false;  
_ImAState[59] := false;  
_ImAState[60] := false;  
_ImAState[61] := false;  
_ImAState[62] := false;  
_ImAState[63] := false;  
_ImAState[64] := false;  
_ImAState[65] := false;  
_ImAState[66] := false;  
_ImAState[67] := false;  
_ImAState[68] := false;  
_ImAState[69] := false;  
_ImAState[70] := false;  
_ImAState[71] := false;  
_ImAState[72] := false;  
_ImAState[73] := false;  
_ImAState[74] := false;  
_ImAState[75] := false;  
_ImAState[76] := false;  
_ImAState[77] := false;  
_ImAState[78] := false;  
_ImAState[79] := false;
```

```
_ImAState[80] := false;
_ImAState[81] := false;
_ImAState[82] := false;
_ImAState[83] := false;
_ImAState[84] := false;
_ImAState[85] := false;
_ImAState[86] := false;
_ImAState[87] := false;
_ImAState[88] := false;
_ImAState[89] := false;
_ImAState[90] := false;
_ImAState[91] := false;
_ImAState[92] := false;
_ImAState[93] := false;
_ImAState[94] := false;
_ImAState[95] := false;
_ImAState[96] := false;
_ImAState[97] := false;
_ImAState[98] := false;
_ImAState[99] := false;
_ImAState[100] := false;
_ImAState[101] := false;
_ImAState[102] := false;
_ImAState[103] := false;
_ImAState[104] := false;
_ImAState[105] := false;
_ImAState[106] := false;
_ImAState[107] := false;
_ImAState[108] := false;
_ImAState[109] := false;
_ImAState[110] := false;
_ImAState[111] := false;
_ImAState[112] := false;
_ImAState[113] := false;
_ImAState[114] := false;
_ImAState[115] := false;
_ImAState[116] := false;
_ImAState[117] := false;
_ImAState[118] := false;
_ImAState[119] := false;
_ImAState[120] := false;
_ImAState[121] := false;
_ImAState[122] := false;
_ImAState[123] := false;
_ImAState[124] := false;
_ImAState[125] := false;
_ImAState[126] := false;
_ImAState[127] := false;
_ImAState[128] := false;
_ImAState[129] := false;
```



```
_ImAState[130] := false;
_ImAState[131] := false;
_ImAState[132] := false;
_ImAState[133] := false;
_ImAState[134] := false;
_ImAState[135] := false;
_ImAState[136] := false;
_ImAState[137] := false;
_ImAState[138] := false;
_ImAState[139] := false;
_ImAState[140] := false;
_ImAState[141] := false;
_ImAState[142] := false;
_ImAState[143] := false;
_ImAState[144] := false;
_ImAState[145] := false;
_ImAState[146] := false;
_ImAState[147] := false;
_ImAState[148] := false;
_ImAState[149] := false;
_ImAState[150] := false;
_ImAState[151] := false;
_ImAState[152] := false;
_ImAState[153] := false;
_ImAState[154] := false;
_ImAState[155] := false;
_ImAState[156] := false;
_ImAState[157] := false;
_ImAState[158] := false;
_ImAState[159] := false;
_ImAState[160] := false;
_ImAState[161] := false;
_ImAState[162] := false;
_ImAState[163] := false;
_ImAState[164] := false;
_ImAState[165] := false;
_ImAState[166] := false;
_ImAState[167] := false;
_ImAState[168] := false;
_ImAState[169] := false;
_ImAState[170] := false;
_ImAState[171] := false;
_ImAState[172] := false;
_ImAState[173] := false;
_ImAState[174] := false;
_ImAState[175] := false;
_ImAState[176] := false;
_ImAState[177] := false;
_ImAState[178] := false;
_ImAState[179] := false;
```

```
_ImAState[180] := false;
_ImAState[181] := false;
_ImAState[182] := false;
_ImAState[183] := false;
_ImAState[184] := false;
_ImAState[185] := false;
_ImAState[186] := false;
_ImAState[187] := false;
_ImAState[188] := false;
_ImAState[189] := false;
_ImAState[190] := false;
_ImAState[191] := false;
_ImAState[192] := false;
_ImAState[193] := false;
_ImAState[194] := false;
_ImAState[195] := false;
_ImAState[196] := false;
_ImAState[197] := false;
_ImAState[198] := false;
_ImAState[199] := false;
_ImAState[200] := false;
_ImAState[201] := false;
_ImAState[202] := false;
_ImAState[203] := false;
_ImAState[204] := false;
_ImAState[205] := false;
_ImAState[206] := false;
_ImAState[207] := false;
_ImAState[208] := false;
_ImAState[209] := false;
_ImAState[210] := false;
_ImAState[211] := false;
_ImAState[212] := false;
_ImAState[213] := false;
_ImAState[214] := false;
_ImAState[215] := false;
_ImAState[216] := false;
_ImAState[217] := false;
_ImAState[218] := false;
_ImAState[219] := false;
_ImAState[220] := false;
_ImAState[221] := false;
_ImAState[222] := false;
_ImAState[223] := false;
_ImAState[224] := false;
_ImAState[225] := false;
_ImAState[226] := false;
_ImAState[227] := false;
_ImAState[228] := false;
_ImAState[229] := false;
```

```
_ImAState[230] := false;
_ImAState[231] := false;
_ImAState[232] := false;
_ImAState[233] := false;
_ImAState[234] := false;
_ImAState[235] := false;
_ImAState[236] := false;
_ImAState[237] := false;
_ImAState[238] := false;
_ImAState[239] := false;
_ImAState[240] := false;
_ImAState[241] := false;
_ImAState[242] := false;
_ImAState[243] := false;
_ImAState[244] := false;
_ImAState[245] := false;
_ImAState[246] := false;
_ImAState[247] := false;
_ImAState[248] := false;
_ImAState[249] := false;
_ImAState[250] := false;
_ImAState[251] := false;
_ImAState[252] := false;
_ImAState[253] := false;
_ImAState[254] := false;
_ImAState[255] := false;
_ImAState[256] := false;
_ImAState[257] := false;
_ImAState[258] := false;
_ImAState[259] := false;
_ImAState[260] := false;
_ImAState[261] := false;
_ImAState[262] := false;
_ImAState[263] := false;
_ImAState[264] := false;
_ImAState[265] := false;
_ImAState[266] := false;
_ImAState[267] := false;
_ImAState[268] := false;
_ImAState[269] := false;
_ImAState[270] := false;
_ImAState[271] := false;
_ImAState[272] := false;
_ImAState[273] := false;
_ImAState[274] := false;
_ImAState[275] := false;
_ImAState[276] := false;
_ImAState[277] := false;
_ImAState[278] := false;
_ImAState[279] := false;
```

```
_ImAState[280] := false;
_ImAState[281] := false;
_ImAState[282] := false;
_ImAState[283] := false;
_ImAState[284] := false;
_ImAState[285] := false;
_ImAState[286] := false;
_ImAState[287] := false;
_ImAState[288] := false;
_ImAState[289] := false;
_ImAState[290] := false;
_ImAState[291] := false;
_ImAState[292] := false;
_ImAState[293] := false;
_ImAState[294] := false;
_ImAState[295] := false;
_ImAState[296] := false;
_ImAState[297] := false;
_ImAState[298] := false;
_ImAState[299] := false;
_ImAState[300] := false;
_ImAState[301] := false;
_ImAState[302] := false;
_ImAState[303] := false;
_ImAState[304] := false;
_ImAState[305] := false;
_ImAState[306] := false;
_ImAState[307] := false;
_ImAState[308] := false;
_ImAState[309] := false;
_ImAState[310] := false;
_ImAState[311] := false;
_ImAState[312] := false;
_ImAState[313] := false;
_ImAState[314] := false;
_ImAState[315] := false;
_ImAState[316] := false;
_ImAState[317] := false;
_ImAState[318] := false;
_ImAState[319] := false;
_ImAState[320] := false;
_ImAState[321] := false;
_ImAState[322] := false;
_ImAState[323] := false;
_ImAState[324] := false;
_ImAState[325] := false;
_ImAState[326] := false;
_ImAState[327] := false;
_ImAState[328] := false;
_ImAState[329] := false;
```

```
_ImAState[330] := false;
_ImAState[331] := false;
_ImAState[332] := false;
_ImAState[333] := false;
_ImAState[334] := false;
_ImAState[335] := false;
_ImAState[336] := false;
_ImAState[337] := false;
_ImAState[338] := false;
_ImAState[339] := false;
_ImAState[340] := false;
_ImAState[341] := false;
_ImAState[342] := false;
_ImAState[343] := false;
_ImAState[344] := false;
_ImAState[345] := false;
_ImAState[346] := false;
_ImAState[347] := false;
_ImAState[348] := false;
_ImAState[349] := false;
_ImAState[350] := false;
_ImAState[351] := false;
_ImAState[352] := false;
_ImAState[353] := false;
_ImAState[354] := false;
_ImAState[355] := false;
_ImAState[356] := false;
_ImAState[357] := false;
_ImAState[358] := false;
_ImAState[359] := false;
_ImAState[360] := false;
_ImAState[361] := false;
_ImAState[362] := false;
_ImAState[363] := false;
_ImAState[364] := false;
_ImAState[365] := false;
_ImAState[366] := false;
_ImAState[367] := false;
_ImAState[368] := false;
_ImAState[369] := false;
_ImAState[370] := false;
_ImAState[371] := false;
_ImAState[372] := false;
_ImAState[373] := false;
_ImAState[374] := false;
_ImAState[375] := false;
_ImAState[376] := false;
_ImAState[377] := false;
_ImAState[378] := false;
_ImAState[379] := false;
```

```
_ImAState[380] := false;
_ImAState[381] := false;
_ImAState[382] := false;
_ImAState[383] := false;
_ImAState[384] := false;
_ImAState[385] := false;
_ImAState[386] := false;
_ImAState[387] := false;
_ImAState[388] := false;
_ImAState[389] := false;
_ImAState[390] := false;
_ImAState[391] := false;
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_ImAState[393] := false;
_ImAState[394] := false;
_ImAState[395] := false;
_ImAState[396] := false;
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_ImAState[399] := false;
_ImAState[400] := false;
_ImAState[401] := false;
_ImAState[402] := false;
_ImAState[403] := false;
_ImAState[404] := false;
_ImAState[405] := false;
_ImAState[406] := false;
_ImAState[407] := false;
_ImAState[408] := false;
_ImAState[409] := false;
_ImAState[410] := false;
_ImAState[411] := false;
_ImAState[412] := false;
_ImAState[413] := false;
_ImAState[414] := false;
_ImAState[415] := false;
_ImAState[416] := false;
_ImAState[417] := false;
_ImAState[418] := false;
_ImAState[419] := false;
_ImAState[420] := false;
_ImAState[421] := false;
_ImAState[422] := false;
_ImAState[423] := false;
_ImAState[424] := false;
_ImAState[425] := false;
_ImAState[426] := false;
_ImAState[427] := false;
_ImAState[428] := false;
_ImAState[429] := false;
```

```
_ImAState[430] := false;
_ImAState[431] := false;
_ImAState[432] := false;
_ImAState[433] := false;
_ImAState[434] := false;
_ImAState[435] := false;
_ImAState[436] := false;
_ImAState[437] := false;
_ImAState[438] := false;
_ImAState[439] := false;
_ImAState[440] := false;
_ImAState[441] := false;
_ImAState[442] := false;
_ImAState[443] := false;
_ImAState[444] := false;
_ImAState[445] := false;
_ImAState[446] := false;
_ImAState[447] := false;
_ImAState[448] := false;
_ImAState[449] := false;
_ImAState[450] := false;
_ImAState[451] := false;
_ImAState[452] := false;
_ImAState[453] := false;
_ImAState[454] := false;
_ImAState[455] := false;
_ImAState[456] := false;
_ImAState[457] := false;
_ImAState[458] := false;
_ImAState[459] := false;
_ImAState[460] := false;
_ImAState[461] := false;
_ImAState[462] := false;
_ImAState[463] := false;
_ImAState[464] := false;
_ImAState[465] := false;
_ImAState[466] := false;
_ImAState[467] := false;
_ImAState[468] := false;
_ImAState[469] := false;
_ImAState[470] := false;
_ImAState[471] := false;
_ImAState[472] := false;
_ImAState[473] := false;
_ImAState[474] := false;
_ImAState[475] := false;
_ImAState[476] := false;
_ImAState[477] := false;
_ImAState[478] := false;
_ImAState[479] := false;
```

```
_ImAState[480] := false;
_ImAState[481] := false;
_ImAState[482] := false;
_ImAState[483] := false;
_ImAState[484] := false;
_ImAState[485] := false;
_ImAState[486] := false;
_ImAState[487] := false;
_ImAState[488] := false;
_ImAState[489] := false;
_ImAState[490] := false;
_ImAState[491] := false;
_ImAState[492] := false;
_ImAState[493] := false;
_ImAState[494] := false;
_ImAState[495] := false;
_ImAState[496] := false;
_ImAState[497] := false;
_ImAState[498] := false;
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_ImAState[502] := false;
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_ImAState[504] := false;
_ImAState[505] := false;
_ImAState[506] := false;
_ImAState[507] := false;
_ImAState[508] := false;
_ImAState[509] := false;
_ImAState[510] := false;
_ImAState[511] := false;
_ImAState[512] := false;
_ImAState[513] := false;
_ImAState[514] := false;
_ImAState[515] := false;
_ImAState[516] := false;
_ImAState[517] := false;
_ImAState[518] := false;
_ImAState[519] := false;
_ImAState[520] := false;
_ImAState[521] := false;
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_ImAState[523] := false;
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_ImAState[525] := false;
_ImAState[526] := false;
_ImAState[527] := false;
_ImAState[528] := false;
_ImAState[529] := false;
```



```
_ImAState[530] := false;
_ImAState[531] := false;
_ImAState[532] := false;
_ImAState[533] := false;
_ImAState[534] := false;
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_ImAState[539] := false;
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_ImAState[541] := false;
_ImAState[542] := false;
_ImAState[543] := false;
_ImAState[544] := false;
_ImAState[545] := false;
_ImAState[546] := false;
_ImAState[547] := false;
_ImAState[548] := false;
_ImAState[549] := false;
_ImAState[550] := false;
_ImAState[551] := false;
_ImAState[552] := false;
_ImAState[553] := false;
_ImAState[554] := false;
_ImAState[555] := false;
_ImAState[556] := false;
_ImAState[557] := false;
_ImAState[558] := false;
_ImAState[559] := false;
_ImAState[560] := false;
_ImAState[561] := false;
_ImAState[562] := false;
_ImAState[563] := false;
_ImAState[564] := false;
_ImAState[565] := false;
_ImAState[566] := false;
_ImAState[567] := false;
_ImAState[568] := false;
_ImAState[569] := false;
_ImAState[570] := false;
_ImAState[571] := false;
_ImAState[572] := false;
_ImAState[573] := false;
_ImAState[574] := false;
_ImAState[575] := false;
_ImAState[576] := false;
_ImAState[577] := false;
_ImAState[578] := false;
_ImAState[579] := false;
```

```
_ImAState[580] := false;
_ImAState[581] := false;
_ImAState[582] := false;
_ImAState[583] := false;
_ImAState[584] := false;
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_ImAState[587] := false;
_ImAState[588] := false;
_ImAState[589] := false;
_ImAState[590] := false;
_ImAState[591] := false;
_ImAState[592] := false;
_ImAState[593] := false;
_ImAState[594] := false;
_ImAState[595] := false;
_ImAState[596] := false;
_ImAState[597] := false;
_ImAState[598] := false;
_ImAState[599] := false;
_ImAState[600] := false;
_ImAState[601] := false;
_ImAState[602] := false;
_ImAState[603] := false;
_ImAState[604] := false;
_ImAState[605] := false;
_ImAState[606] := false;
_ImAState[607] := false;
_ImAState[608] := false;
_ImAState[609] := false;
_ImAState[610] := false;
_ImAState[611] := false;
_ImAState[612] := false;
_ImAState[613] := false;
_ImAState[614] := false;
_ImAState[615] := false;
_ImAState[616] := false;
_ImAState[617] := false;
_ImAState[618] := false;
_ImAState[619] := false;
_ImAState[620] := false;
_ImAState[621] := false;
_ImAState[622] := false;
_ImAState[623] := false;
_ImAState[624] := false;
_ImAState[625] := false;
_ImAState[626] := false;
_ImAState[627] := false;
_ImAState[628] := false;
_ImAState[629] := false;
```

```
_ImAState[630] := false;
_ImAState[631] := false;
_ImAState[632] := false;
_ImAState[633] := false;
_ImAState[634] := false;
_ImAState[635] := false;
_ImAState[636] := false;
_ImAState[637] := false;
_ImAState[638] := false;
_ImAState[639] := false;
_ImAState[640] := false;
_ImAState[641] := false;
_ImAState[642] := false;
_ImAState[643] := false;
_ImAState[644] := false;
_ImAState[645] := false;
_ImAState[646] := false;
_ImAState[647] := false;
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_ImAState[649] := false;
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_ImAState[653] := false;
_ImAState[654] := false;
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_ImAState[656] := false;
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_ImAState[658] := false;
_ImAState[659] := false;
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_ImAState[664] := false;
_ImAState[665] := false;
_ImAState[666] := false;
_ImAState[667] := false;
_ImAState[668] := false;
_ImAState[669] := false;
_ImAState[670] := false;
_ImAState[671] := false;
_ImAState[672] := false;
_ImAState[673] := false;
_ImAState[674] := false;
_ImAState[675] := false;
_ImAState[676] := false;
_ImAState[677] := false;
_ImAState[678] := false;
_ImAState[679] := false;
```

```
_ImAState[680] := false;
_ImAState[681] := false;
_ImAState[682] := false;
_ImAState[683] := false;
_ImAState[684] := false;
_ImAState[685] := false;
_ImAState[686] := false;
_ImAState[687] := false;
_ImAState[688] := false;
_ImAState[689] := false;
_ImAState[690] := false;
_ImAState[691] := false;
_ImAState[692] := false;
_ImAState[693] := false;
_ImAState[694] := false;
_ImAState[695] := false;
_ImAState[696] := false;
_ImAState[697] := false;
_ImAState[698] := false;
_ImAState[699] := false;
_ImAState[700] := false;
_ImAState[701] := false;
_ImAState[702] := false;
_ImAState[703] := false;
_ImAState[704] := false;
_ImAState[705] := false;
_ImAState[706] := false;
_ImAState[707] := false;
_ImAState[708] := false;
_ImAState[709] := false;
_ImAState[710] := false;
_ImAState[711] := false;
_ImAState[712] := false;
_ImAState[713] := false;
_ImAState[714] := false;
_ImAState[715] := false;
_ImAState[716] := false;
_ImAState[717] := false;
_ImAState[718] := false;
_ImAState[719] := false;
_ImAState[720] := false;
_ImAState[721] := false;
_ImAState[722] := false;
_ImAState[723] := false;
_ImAState[724] := false;
_ImAState[725] := false;
_ImAState[726] := false;
_ImAState[727] := false;
_ImAState[728] := false;
_ImAState[729] := false;
```

```
_ImAState[730] := false;
_ImAState[731] := false;
_ImAState[732] := false;
_ImAState[733] := false;
_ImAState[734] := false;
_ImAState[735] := false;
_ImAState[736] := false;
_ImAState[737] := false;
_ImAState[738] := false;
_ImAState[739] := false;
_ImAState[740] := false;
_ImAState[741] := false;
_ImAState[742] := false;
_ImAState[743] := false;
_ImAState[744] := false;
_ImAState[745] := false;
_ImAState[746] := false;
_ImAState[747] := false;
_ImAState[748] := false;
_ImAState[749] := false;
_ImAState[750] := false;
_ImAState[751] := false;
_ImAState[752] := false;
_ImAState[753] := false;
_ImAState[754] := false;
_ImAState[755] := false;
_ImAState[756] := false;
_ImAState[757] := false;
_ImAState[758] := false;
_ImAState[759] := false;
_ImAState[760] := false;
_ImAState[761] := false;
_ImAState[762] := false;
_ImAState[763] := false;
_ImAState[764] := false;
_ImAState[765] := false;
_ImAState[766] := false;
_ImAState[767] := false;
_ImAState[768] := false;
_ImAState[769] := false;
_ImAState[770] := false;
_ImAState[771] := false;
_ImAState[772] := false;
_ImAState[773] := false;
_ImAState[774] := false;
_ImAState[775] := false;
_ImAState[776] := false;
_ImAState[777] := false;
_ImAState[778] := false;
_ImAState[779] := false;
```

```
_ImAState[780] := false;  
_ImAState[781] := false;  
_ImAState[782] := false;  
_ImAState[783] := false;  
_ImAState[784] := false;  
_ImAState[785] := false;  
_ImAState[786] := false;  
_ImAState[787] := false;  
_ImAState[788] := false;  
_ImAState[789] := false;
```

end;

end.