

NPDES Phase II Small MS4 Permit Program

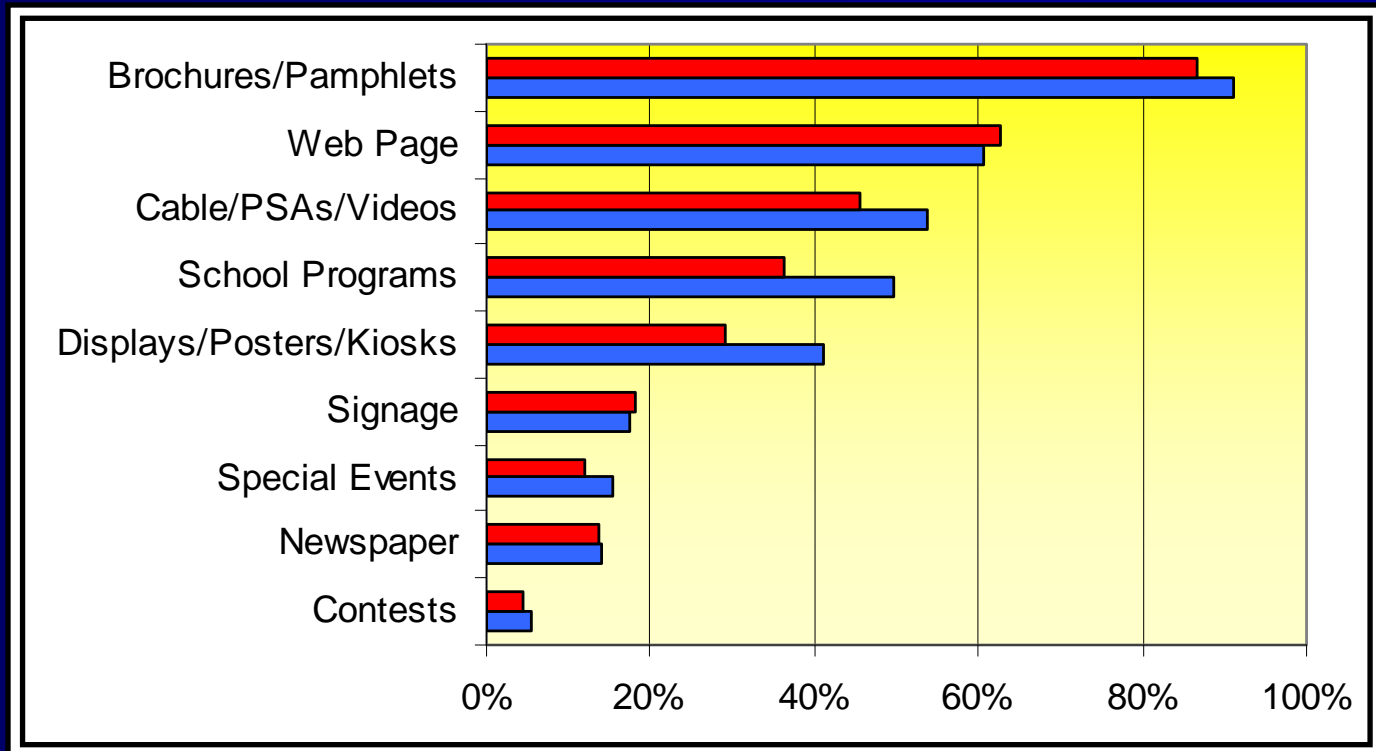
Permit Year 4



SWMP Summaries &
Select Metrics
MA Traditional MS4s

MCM #1

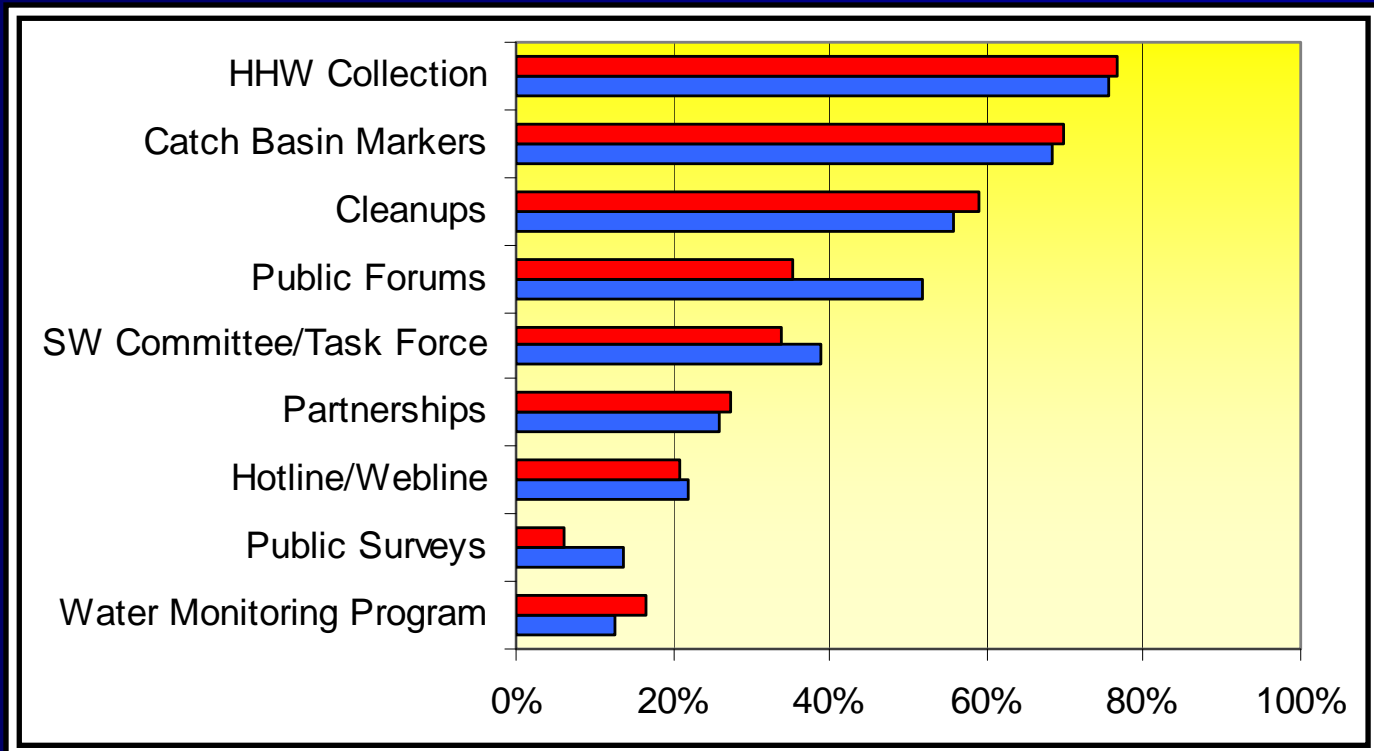
Education & Outreach Practices



■ Year 4 ■ Year 3

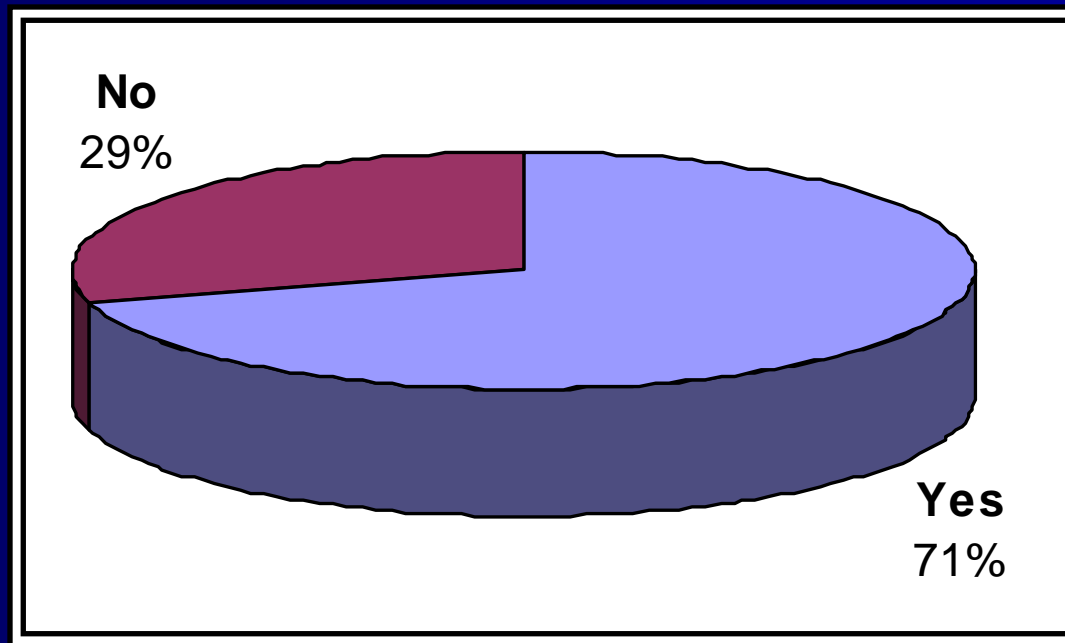
MCM #2

Public Participation & Involvement



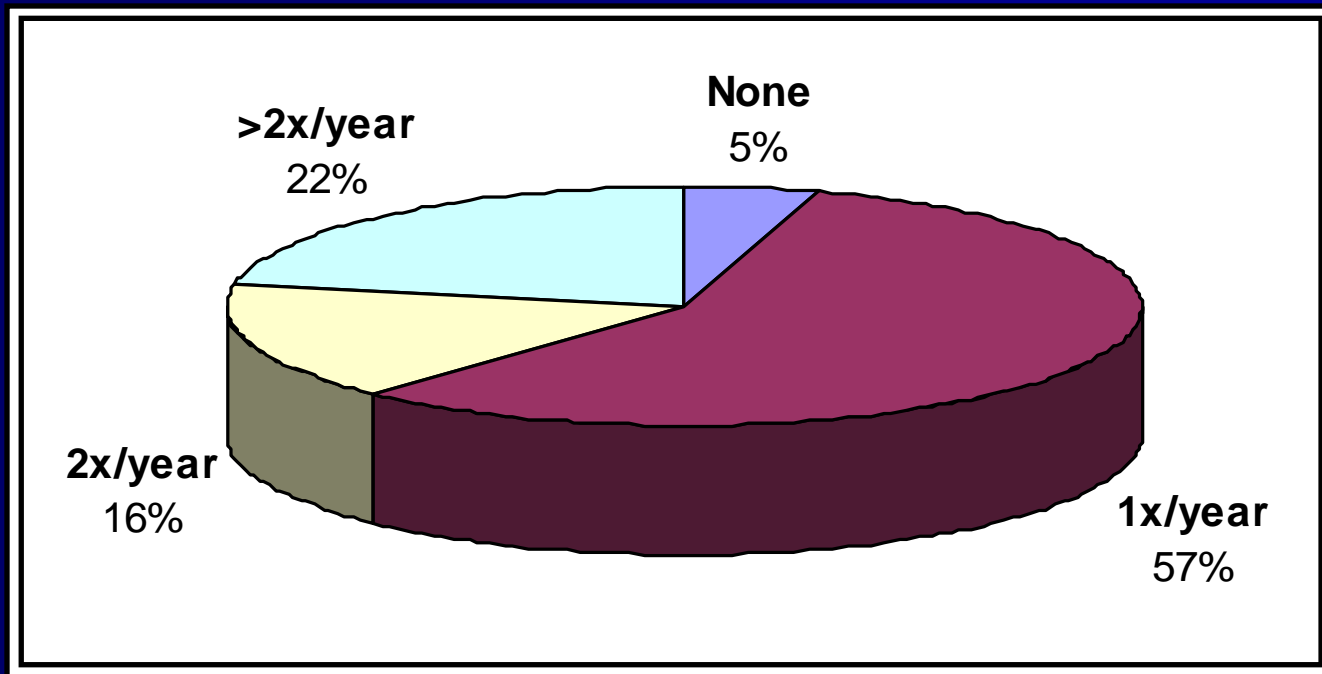
■ Year 4 ■ Year 3

Stormwater Management Committee Established



* 64% reporting (112 of 176 year 4 annual reports received)

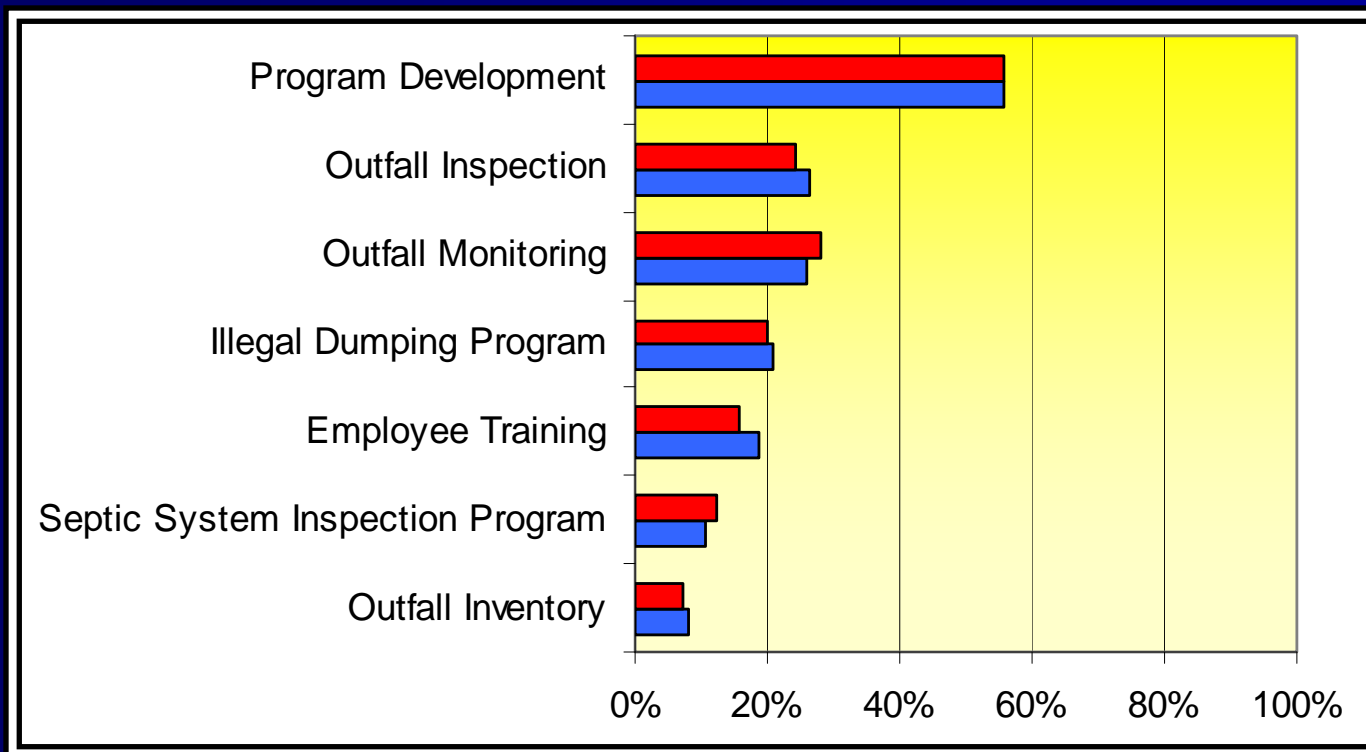
Household Hazardous Waste Collection – Days Sponsored*



* 82% reporting (145 of 176 year 4 annual reports received)

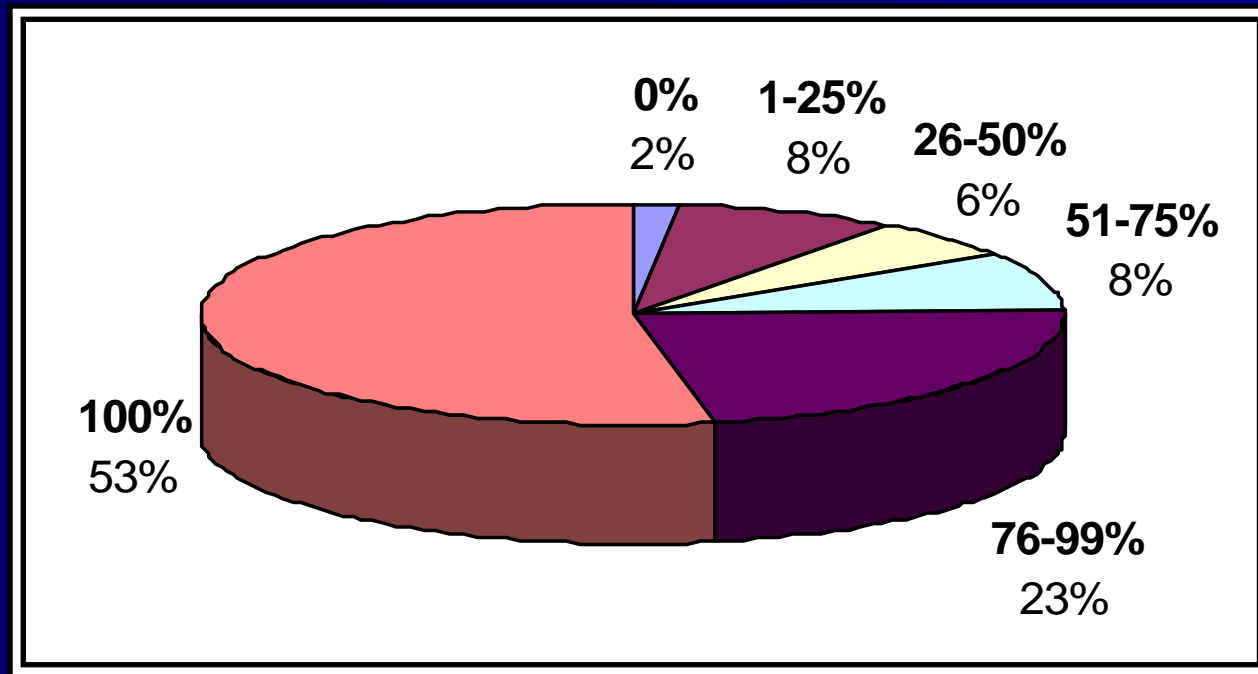
MCM #3

Illicit Discharge Detection & Elimination



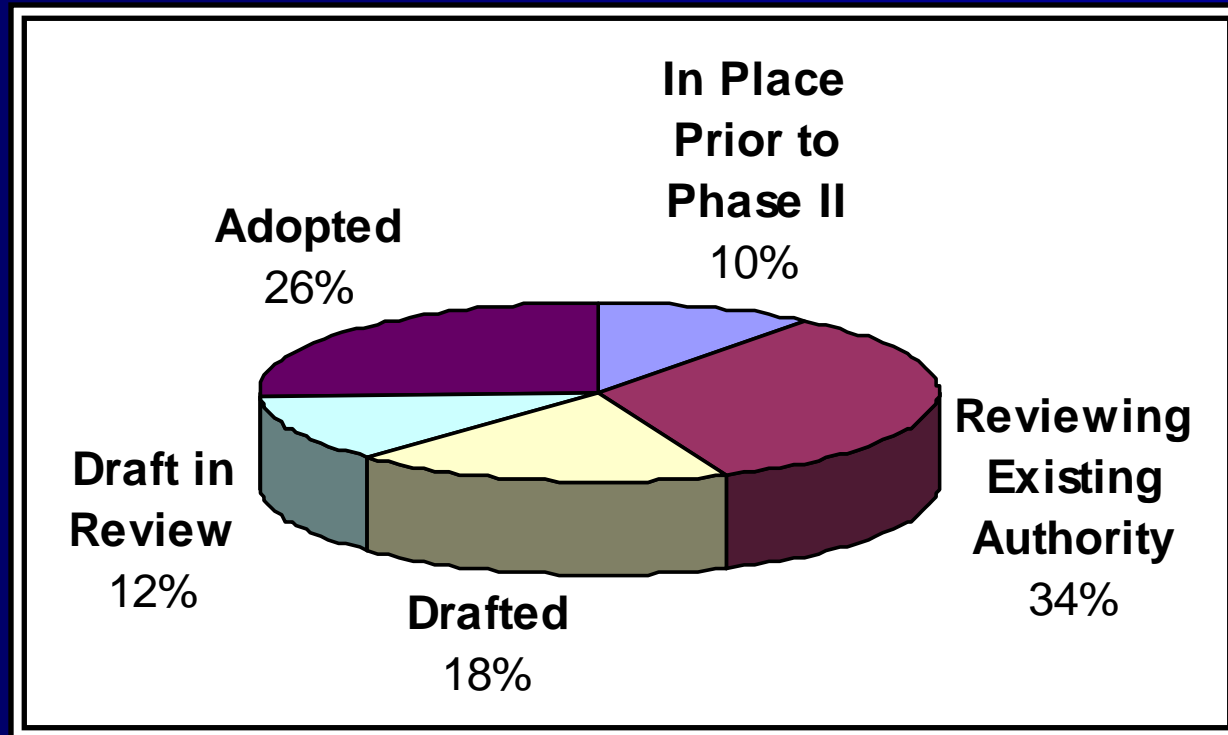
■ Year 4 ■ Year 3

Status of Outfall Mapping (% Complete)*



* 94% reporting (166 of 176 year 4 annual reports received)

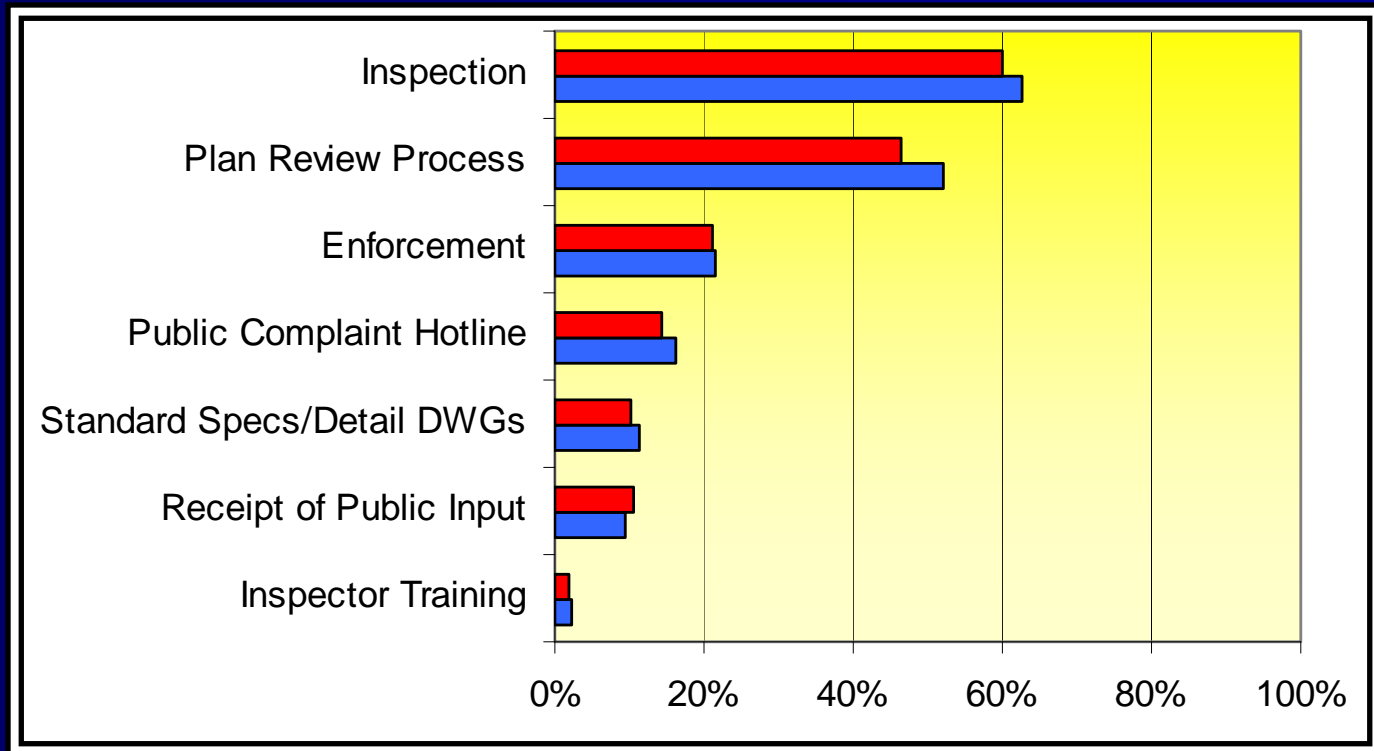
Regulatory Mechanism Status IDDE*



* 94% reporting (166 of 176 year 4 annual reports received)

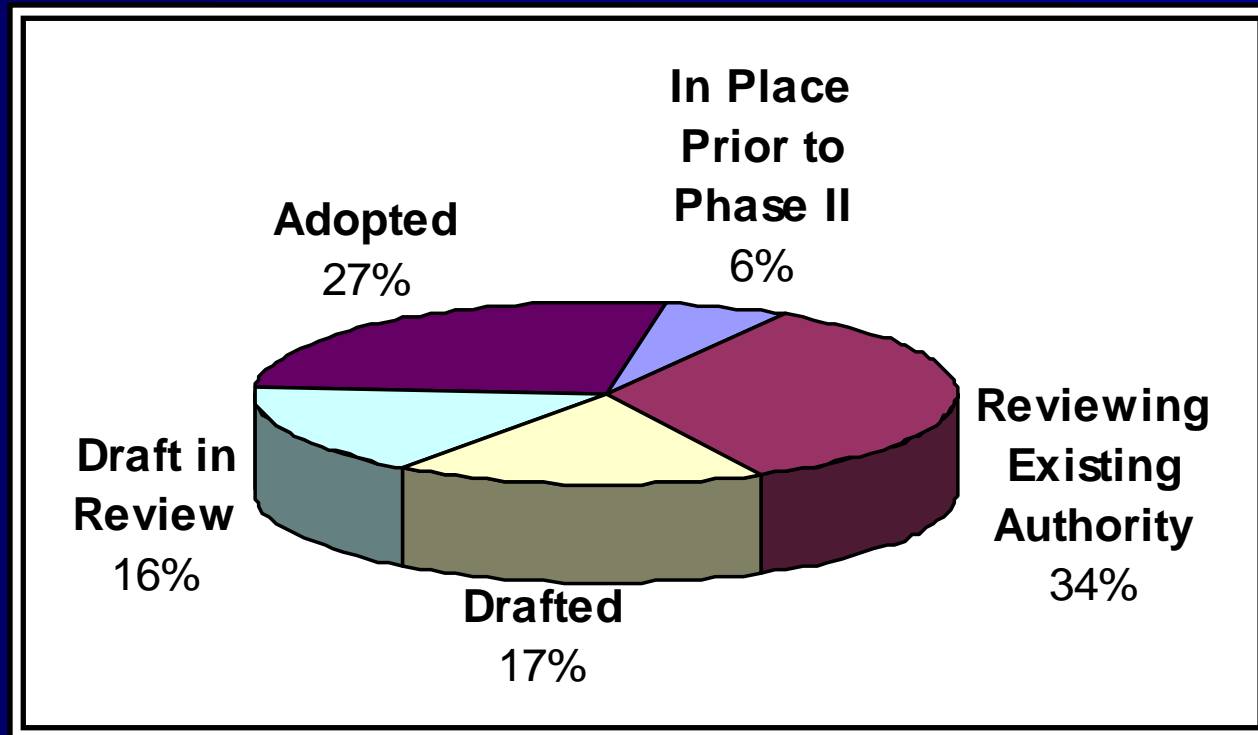
MCM #4

Construction Site Runoff Control



■ Year 4 ■ Year 3

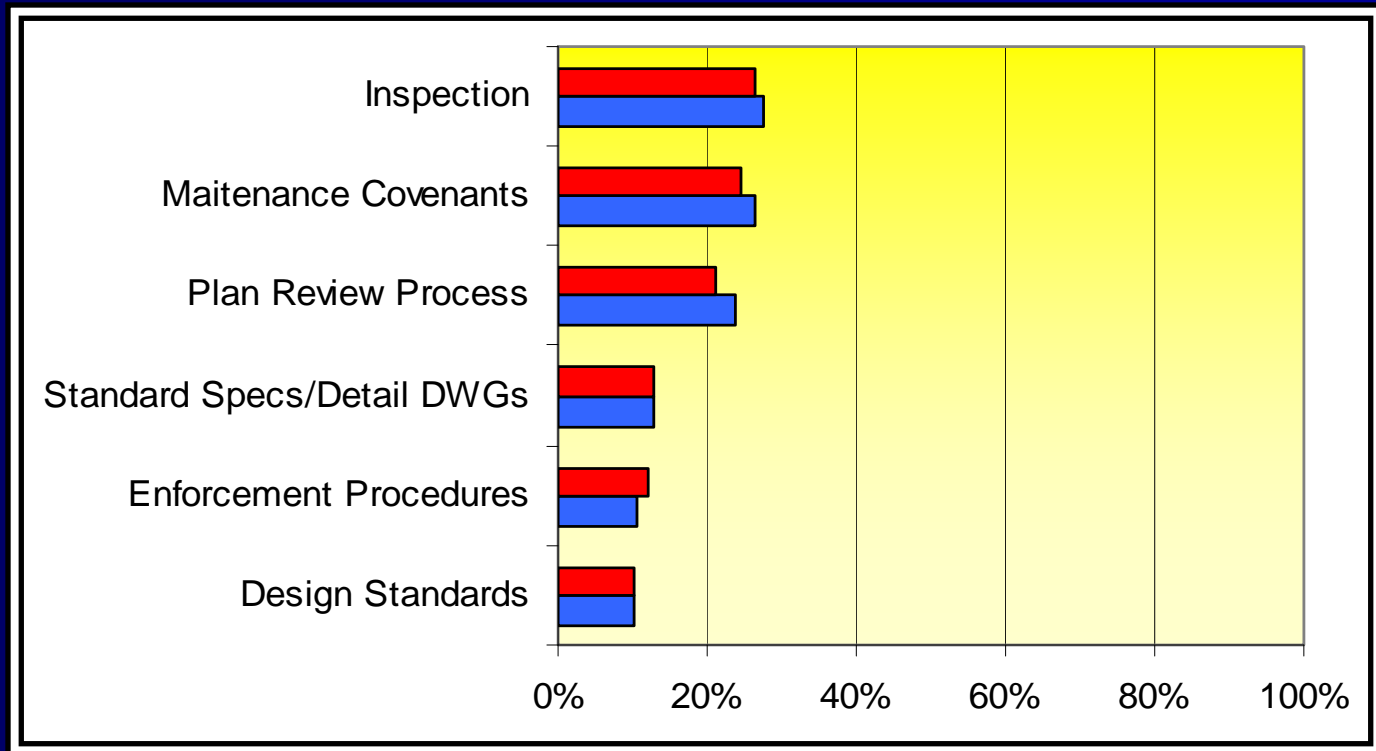
Regulatory Mechanism Status Construction Site Runoff*



* 97% reporting (170 of 176 year 4 annual reports received)

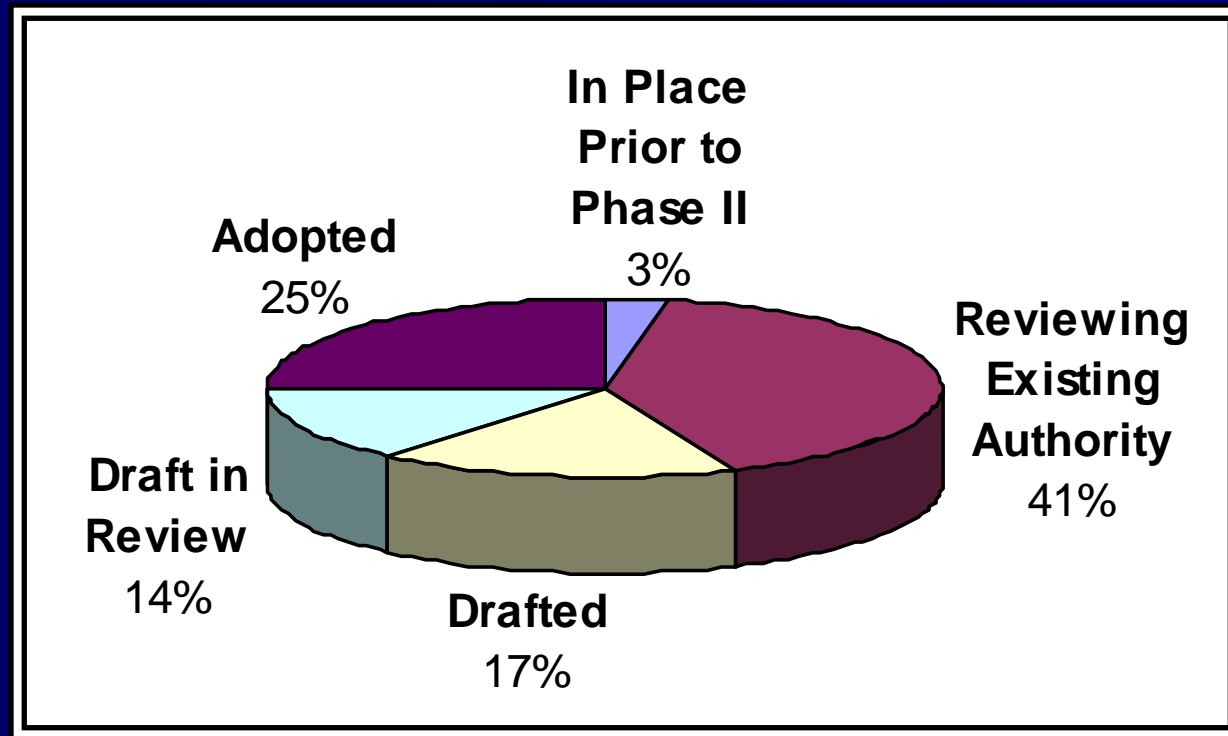
MCM #5

Post-Development Runoff Control



■ Year 4 ■ Year 3

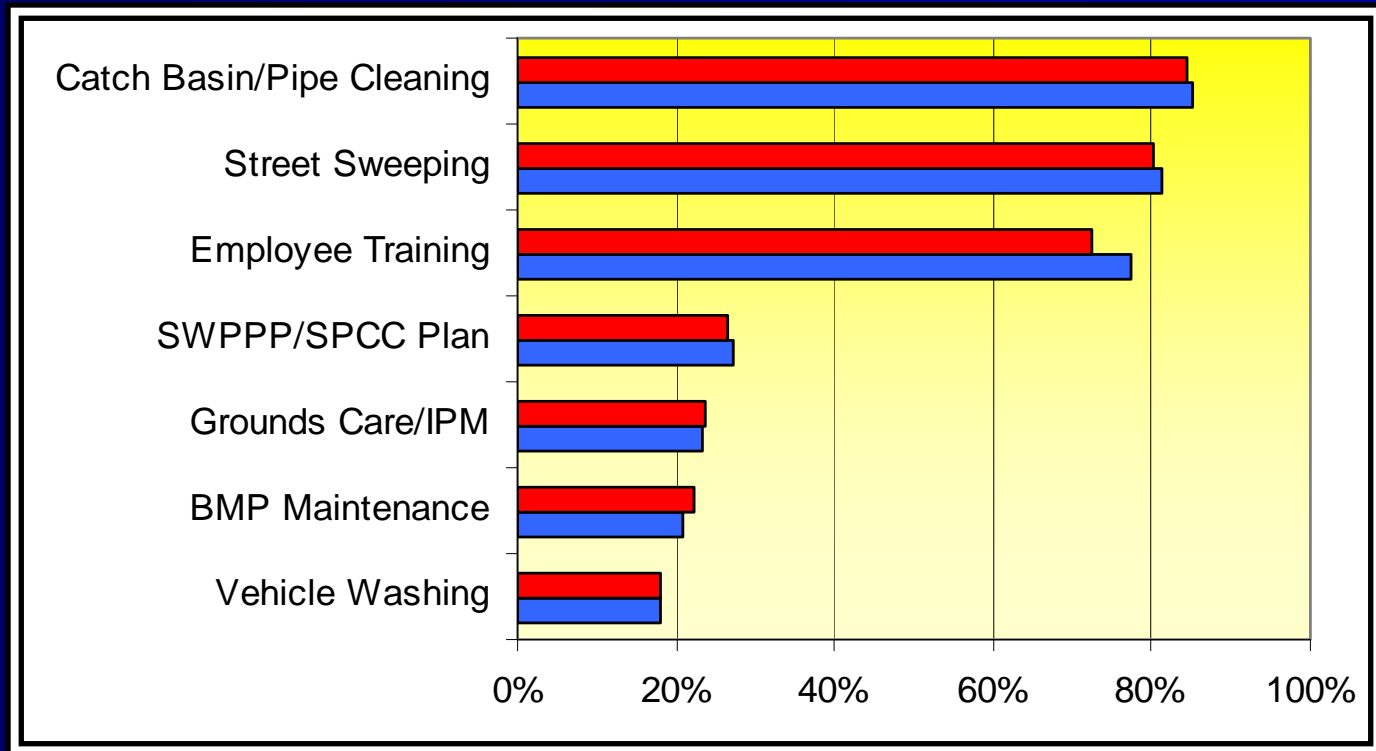
Regulatory Mechanism Status Post Development Runoff*



* 95% reporting (167 of 176 year 4 annual reports received)

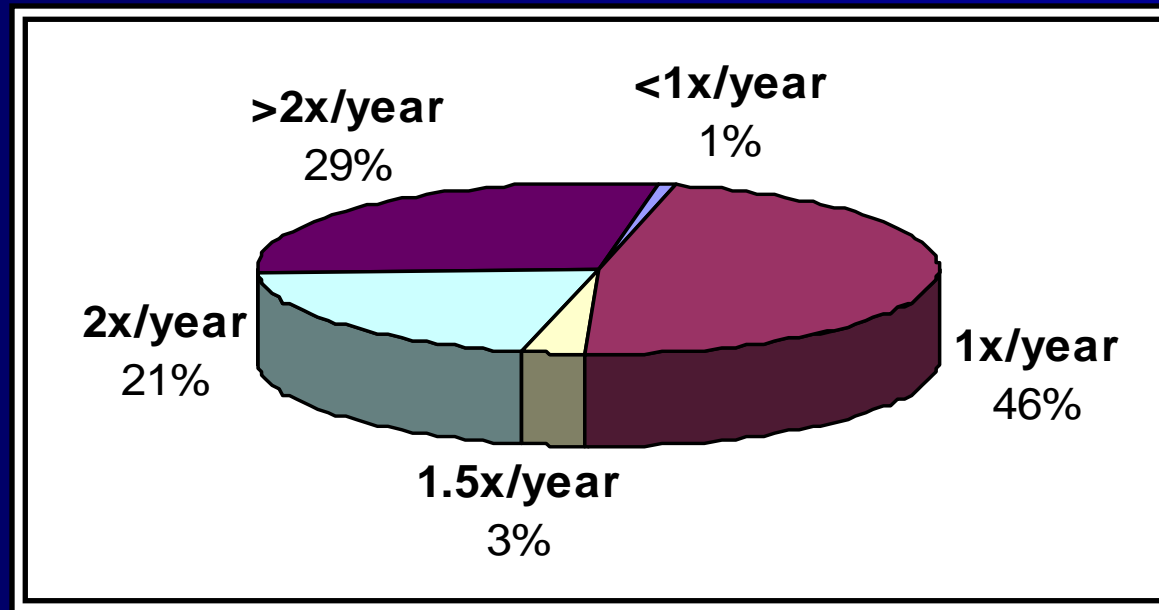
MCM #6

Good Housekeeping



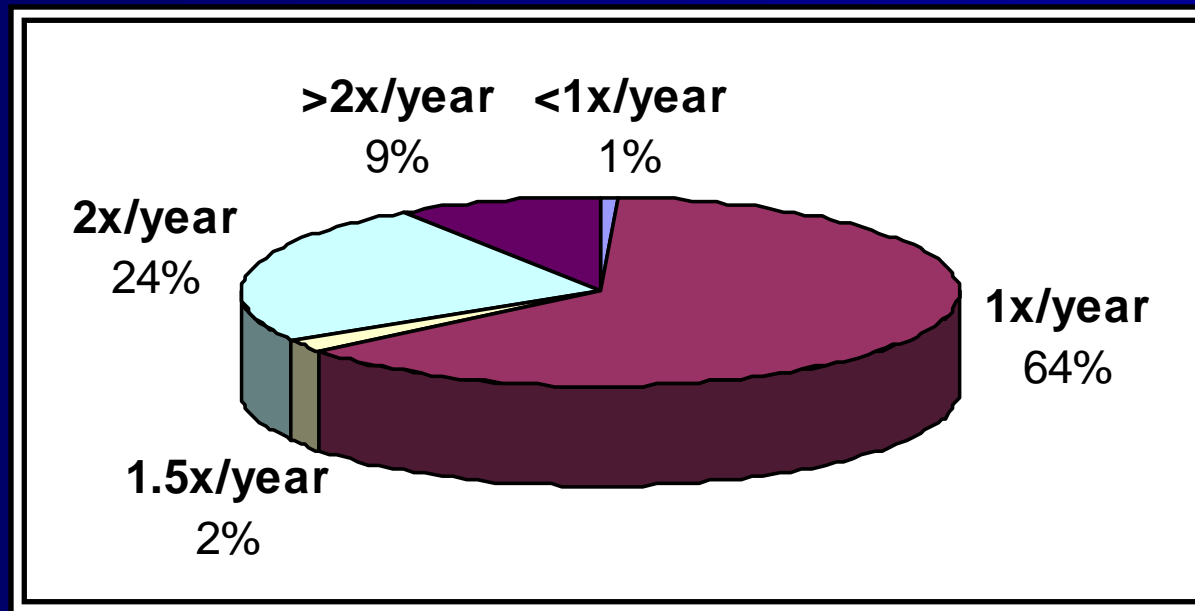
■ Year 4 ■ Year 3

Frequency of Street Sweeping (Commercial/Arterial)*



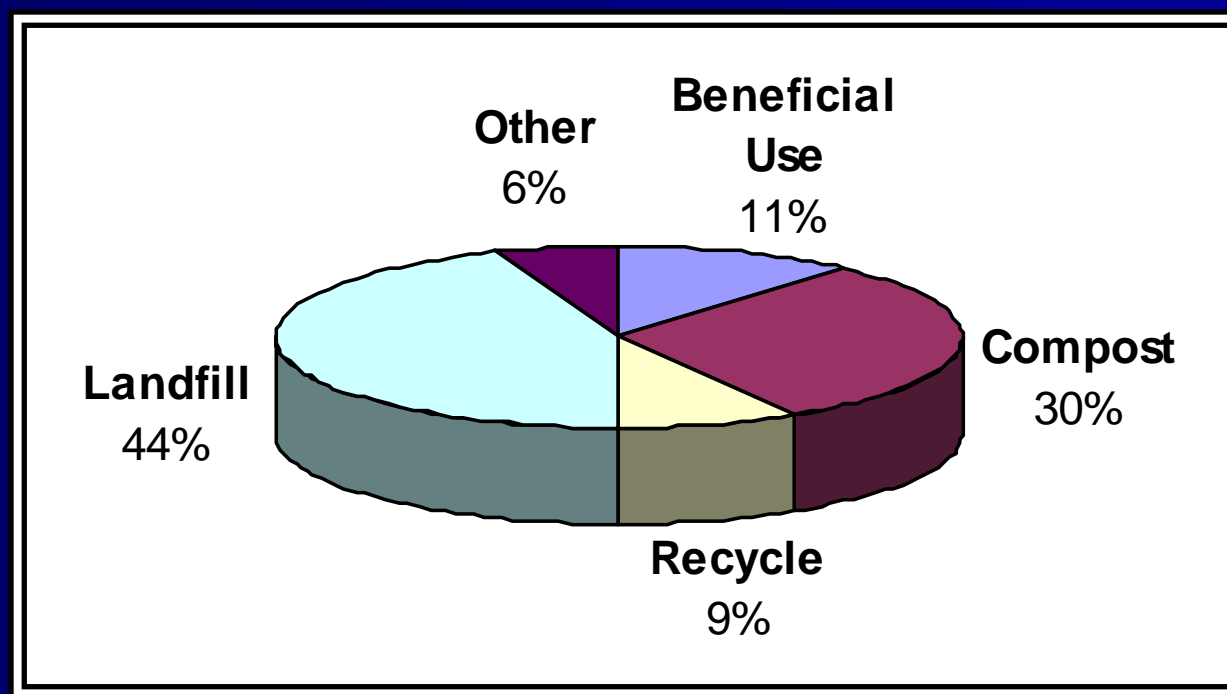
* 77% reporting (136 of 176 year 4 annual reports received)

Frequency of Street Sweeping (Residential)*



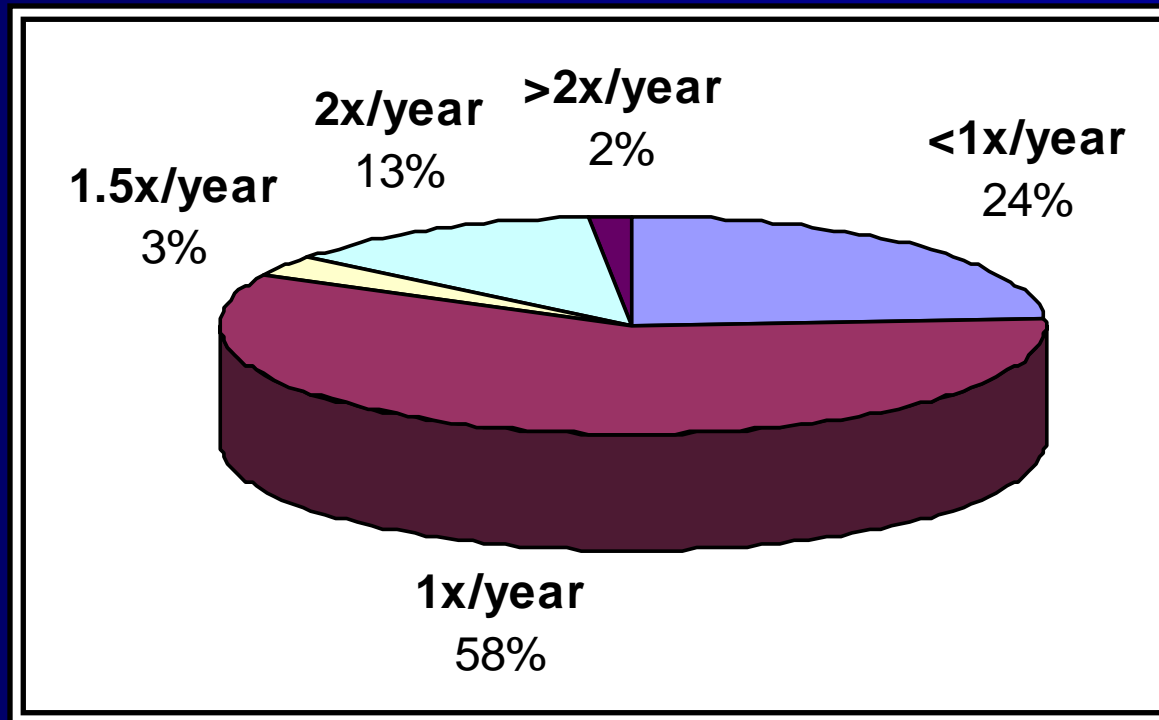
* 80% reporting (140 of 176 year 4 annual reports received)

Street Sweepings Use & Disposal*



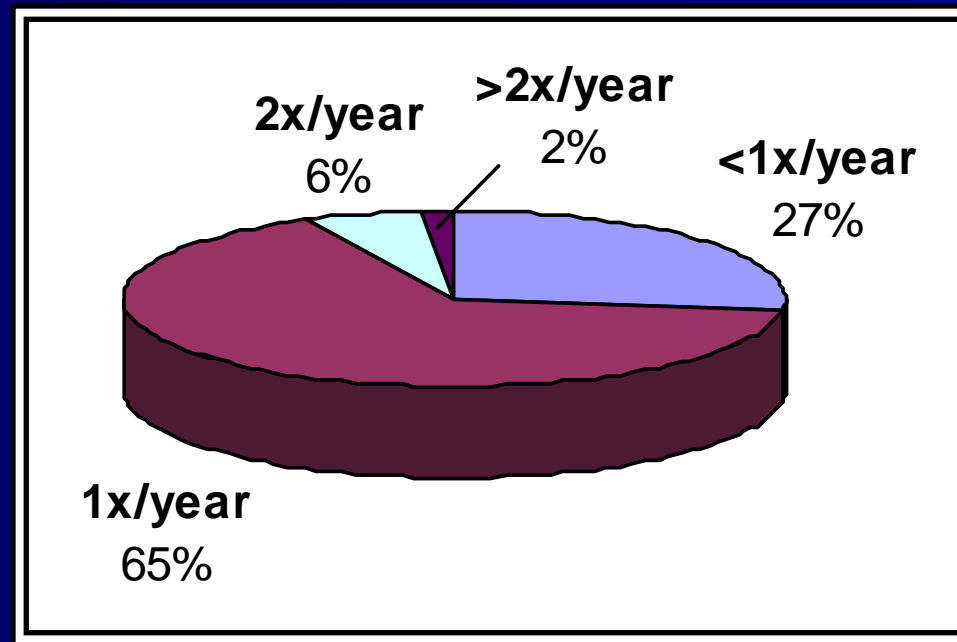
* 40% reporting (70 of 176 year 4 annual reports received)

Frequency of Catch Basin Cleaning (Commercial/Arterial)*



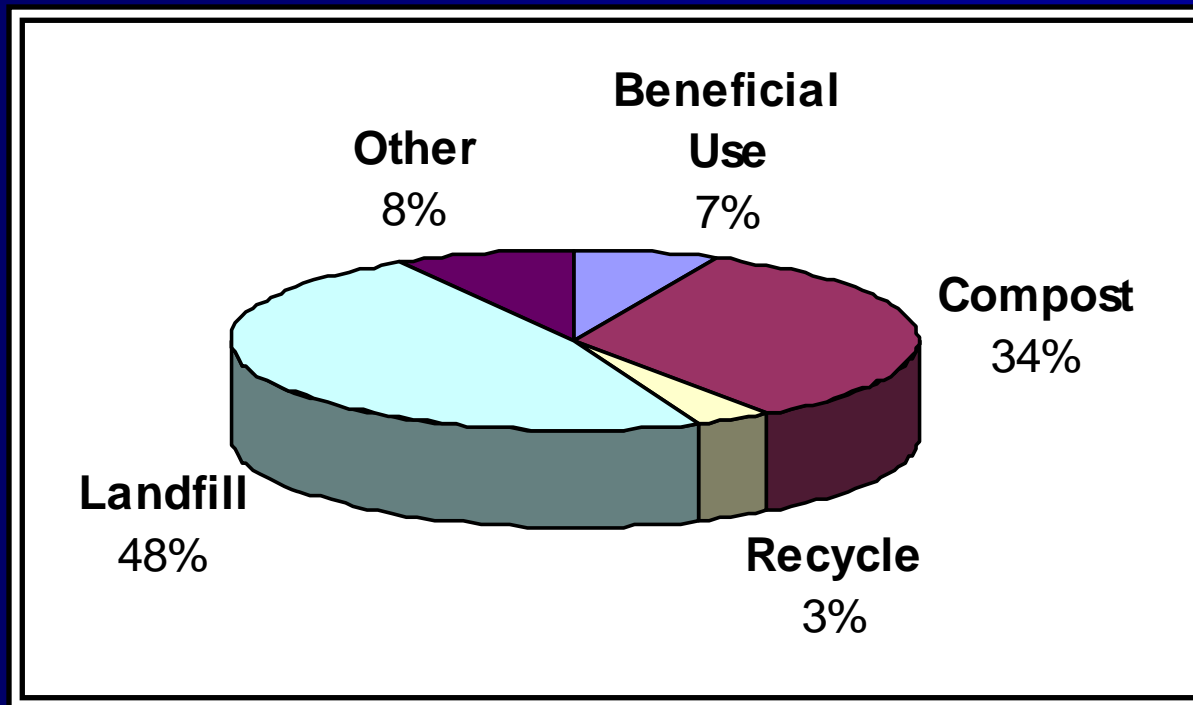
* 71% reporting (125 of 176 year 4 annual reports received)

Frequency of Catch Basin Cleaning (Residential)*



* 69% reporting (121 of 176 year 4 annual reports received)

Catch Basin Screenings Use & Disposal*



* 34% reporting (59 of 176 year 4 annual reports received)

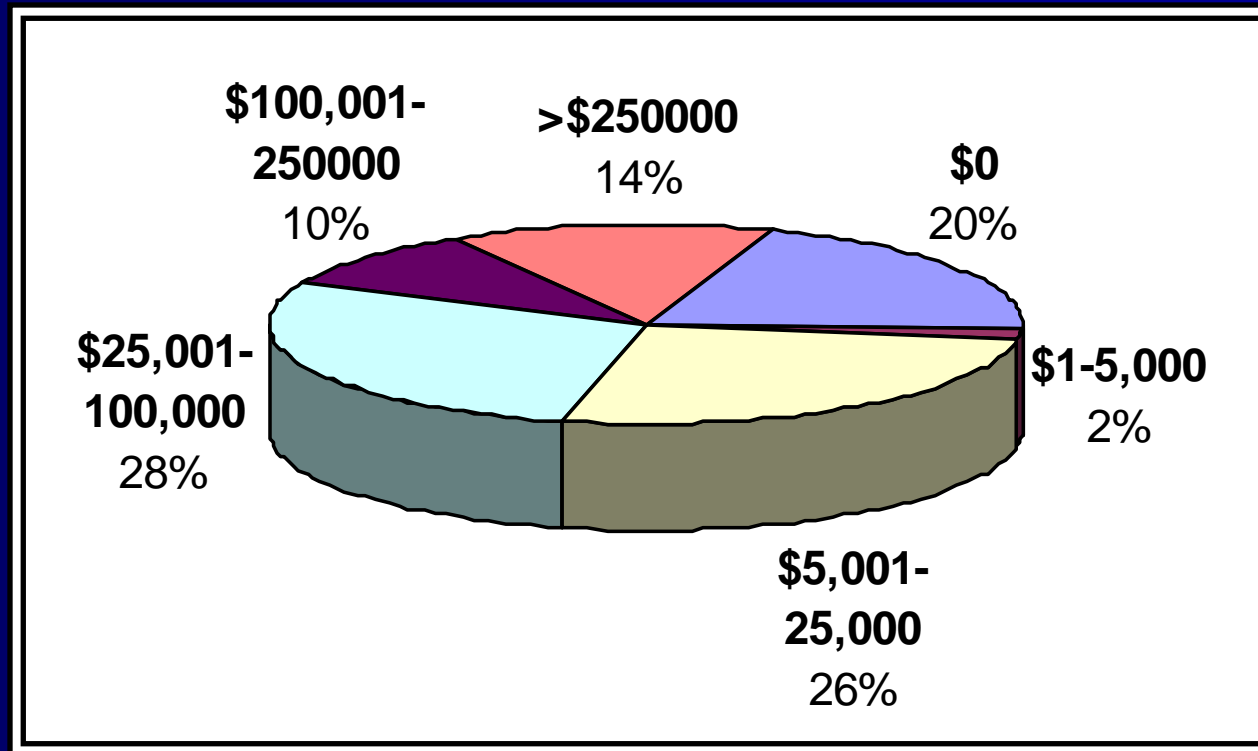
Deicing Metrics

Method	% utilizing method	% reporting (#/176)
Automatic or Zero-velocity spreaders	45%	37%
Manual control spreaders used	83%	40%
Pre-wetting techniques	54%	40%
Salt pile(s) covered in storage shed(s)	97%	54%

	Year 4*	Year 3	Year 2
Salt:Sand Ratio	1.1:1	1:1	0.7:1

* 34% reporting (60 of 176 year 4 annual reports received)

Annual Expenditures*



* 28% reporting (50 of 176 year 4 annual reports received)