

Semiannual Report of UST Performance Measures End Of Fiscal Year 2023 (October 01, 2022 – September 30, 2023)

How is the underground storage tank (UST) program performing at the end of fiscal year (FY) 2023?

UST Program Measures	National Performance
UST Universe – Petroleum And Hazardous Substance Tank Systems (page 1)	
Petroleum USTs regulated by EPA's UST program (as of September 2023)	536,503 active USTs at approximately 192,000 facilities
UST Inspections (page 3)	
On-site inspections at federally-regulated UST facilities (between October 2022 and September 2023)	84,769 total
UST Technical Compliance Measure (page 4)	
Technical compliance rate (TCR) (between October 2022 and September 2023)	58.0%
UST Additional Compliance Measures (page 11) (between October 2022 and September 2023)	
Class A and B operator training requirements	87.0%
Financial responsibility requirements	89.6%
Walk through requirements	79.4%
LUST Corrective Action Measures (page 13)	
Confirmed releases (between October 2022 and September 2023)	4,354 (includes 7 in Indian Country) • cumulative since 1984 inception of the program = 573,296
Cleanups completed (between October 2022 and September 2023)	6,596 (includes 11 in Indian Country) • cumulative since 1984 inception of the program = 515,859
Releases remaining to be cleaned up (as of September 2023)	57,437

What are the definitions for the UST performance measures?

The most current definitions for the UST performance measures are available on EPA's UST performance website www.epa.gov/ust/ust-performance-measures under **Definitions**.

Where does EPA get the performance data?

Twice each year, EPA collects data from states regarding underground storage tank performance measures and makes the data publicly available. EPA directly provides data on work in Indian country because the Agency implements the program there. These data include information such as the number of active and closed petroleum tanks and hazardous substance tanks, releases confirmed, cleanups initiated and completed, and inspections conducted. The data also include the percentage of facilities in compliance with UST technical requirements, operator training, financial responsibility, and walk-through requirements. EPA compiles the data and presents it in table format for all states and Indian country.



Where can I find performance data from previous years?

EPA's UST performance measures website www.epa.gov/ust/ust-performance-measures provides the current report, as well as historical reports dating back to FY 2005. For older reports dating back to FY1988 (the first year EPA reported UST data) please go to EPA's archive website archive.epa.gov/oust/cat-a/web/html/camarchv.html.

For more information, contact Susan Burnell of EPA's Office of Underground Storage Tanks at burnell.susan@epa.gov or 202-564-0766.

UST Universe – Petroleum and Hazardous Substance UST Systems for End-of-Year FY 2023
(Cumulative through September 30, 2023)

Region	State	Number of Active Petroleum UST Systems	Number of Closed Petroleum UST Systems	Number of Active Hazardous Substance UST Systems	Number of Closed Hazardous Substance UST Systems	Total Active UST Systems	Total Closed UST Systems
State Data by Region							
1	CT	5,138	30,323	15	815	5,153	31,138
	MA	8,105	28,088	72	741	8,177	28,829
	ME	1,999	14,671	0	170	1,999	14,841
	NH	2,320	12,700	14	154	2,334	12,854
	RI	1,089	9,231	1	272	1,090	9,503
	VT	1,561	6,729	15	58	1,576	6,787
Region 1 Subtotal		20,212	101,742	117	2,210	20,329	103,952
2	NJ ¹	12,298	65,161	338	5,150	12,636	70,311
	NY ¹	21,841	113,322	327	1,255	22,168	114,577
	PR	4,435	5,908	1	148	4,436	6,056
	VI	133	293	0	0	133	293
Region 2 Subtotal		38,707	184,684	666	6,553	39,373	191,237
3	DC	526	3,611	1	112	527	3,723
	DE	1,119	7,750	2	93	1,121	7,843
	MD	7,064	32,985	6	276	7,070	33,261
	PA ¹	20,929	71,141	51	2,473	20,980	73,614
	VA ¹	17,637	65,168	27	899	17,664	66,067
	WV	3,798	22,118	3	182	3,801	22,300
Region 3 Subtotal		51,073	202,773	90	4,035	51,163	206,808
4	AL	15,860	31,841	13	175	15,873	32,016
	FL	22,934	115,142	20	176	22,954	115,318
	GA ¹	29,622	54,085	35	331	29,657	54,416
	KY	9,076	42,052	25	335	9,101	42,387
	MS	7,921	24,672	10	44	7,931	24,716
	NC ¹	23,370	74,194	46	1,267	23,416	75,461
	SC	10,956	35,381	13	346	10,969	35,727
	TN ¹	15,897	42,344	14	425	15,911	42,769
Region 4 Subtotal		135,636	419,711	176	3,099	135,812	422,810
5	IL ¹	18,098	65,267	183	2,094	18,281	67,361
	IN ¹	13,094	44,696	28	698	13,122	45,394
	MI	16,652	76,160	43	1,387	16,695	77,547
	MN	12,643	34,999	45	409	12,688	35,408
	OH	21,042	57,281	95	707	21,137	57,988
	WI	13,426	72,872	55	855	13,481	73,727
Region 5 Subtotal		94,955	351,275	449	6,150	95,404	357,425
6	AR	8,558	22,449	1	42	8,559	22,491
	LA	10,057	37,393	16	14	10,073	37,407
	NM	2,938	14,135	2	118	2,940	14,253
	OK ²	8,187	23,186	DNA	DNA	8,187	23,186
	TX	47,098	130,459	16	332	47,114	130,791
Region 6 Subtotal		76,838	227,622	35	506	76,873	228,128
7	IA	6,362	24,694	25	172	6,387	24,866
	KS ¹	7,941	22,167	16	100	7,957	22,267
	MO	8,432	33,942	20	394	8,452	34,336
	NE ¹	6,231	15,959	2	34	6,233	15,993
Region 7 Subtotal		28,966	96,762	63	700	29,029	97,462

UST Universe – Petroleum and Hazardous Substance UST Systems for End-of-Year FY 2023
(Cumulative through September 30, 2023)

Region	State	Number of Active Petroleum UST Systems	Number of Closed Petroleum UST Systems	Number of Active Hazardous Substance UST Systems	Number of Closed Hazardous Substance UST Systems	Total Active UST Systems	Total Closed UST Systems
8	CO	7,053	26,086	8	313	7,061	26,399
	MT	2,504	11,746	5	96	2,509	11,842
	ND	2,206	7,888	0	41	2,206	7,929
	SD	2,964	7,446	36	485	3,000	7,931
	UT	3,612	14,583	0	101	3,612	14,684
	WY	1,571	8,725	6	23	1,577	8,748
Region 8 Subtotal		19,910	76,474	55	1,059	19,965	77,533
9	AS	3	65	0	0	3	65
	AZ	5,682	23,882	18	133	5,700	24,015
	CA ¹	37,434	137,330	239	22,445	37,673	159,775
	CNMI	58	78	0	0	58	78
	GU	239	512	2	0	241	512
	HI	1,288	5,800	0	21	1,288	5,821
	NV	4,073	8,089	14	29	4,087	8,118
Region 9 Subtotal		48,777	175,756	273	22,628	49,050	198,384
10	AK	860	6,984	2	20	862	7,004
	ID	2,995	11,718	6	35	3,001	11,753
	OR ¹	5,378	27,427	8	155	5,386	27,582
	WA	9,799	38,385	7	631	9,806	39,016
Region 10 Subtotal		19,032	84,514	23	841	19,055	85,355
Indian Country Data							
Region 1		13	6	0	0	13	6
Region 2		170	86	0	0	170	86
Region 4		60	106	0	0	60	106
Region 5		391	1,144	3	3	394	1,147
Region 6		314	254	0	0	314	254
Region 7		69	115	0	0	69	115
Region 8		421	1,922	0	8	421	1,930
Region 9		609	1,520	1	7	610	1,527
Region 10		350	1,219	0	23	350	1,242
Indian Country SubTotal		2,397	6,372	4	41	2,401	6,413
National Data							
National Total		536,503	1,927,685	1,951	47,822	538,454	1,975,507

¹States reporting by compartment: NJ, NY, PA, VA, GA, NC, TN, IL, IN, KS, NE, CA, OR.

²DNA = Data Not Available. OK Corporation Commission (OCC) does not collect hazardous substance UST data in OK.

Note: active UST system counts are calculated values from reported total UST system minus the number of reported closed UST systems.

Note: there are no Indian country USTs in EPA Region 3.

UST Inspections for End-of-Year FY 2023
(October 1, 2022 – September 30, 2023)

Region	State	Number of On-Site Inspections Conducted
State Data by Region		
1	CT	1179
	MA	531
	ME	1308
	NH	287
	RI	150
	VT	246
	Region 1 Subtotal	
2	NJ	1378
	NY	2242
	PR	346
	VI	25
	Region 2 Subtotal	
3	DC	67
	DE	145
	MD	834
	PA	2090
	VA	1599
	WV	434
Region 3 Subtotal		5169
4	AL	2346
	FL	4270
	GA	3573
	KY	1832
	MS	1095
	NC	2969
	SC	2988
	TN	2128
Region 4 Subtotal		21201
5	IL	2681
	IN	1298
	MI	2216
	MN	1105
	OH	2530
	WI	1933
	Region 5 Subtotal	
6	AR	1387
	LA	1345
	NM	324
	OK	3212
	TX	6485
Region 6 Subtotal		12753
7	IA	1073
	KS	1029
	MO	1340
	NE	722
Region 7 Subtotal		4164

Region	State	Number of On-Site Inspections Conducted
8	CO	1043
	MT	402
	ND	295
	SD	369
	UT	855
	WY	280
	Region 8 Subtotal	
9	AS	3
	AZ	1163
	CA	13505
	CNMI	1
	GU	24
	HI	276
	NV	1225
Region 9 Subtotal		16197
10	AK	100
	ID	407
	OR	289
	WA	1482
Region 10 Subtotal		2278
Indian Country Data		
Region 1		0
Region 2		41
Region 4		18
Region 5		34
Region 6		50
Region 7		7
Region 8		74
Region 9		27
Region 10		57
Indian Country Subtotal		308
National Data		
National Total		84,769

Note: there are no Indian country USTs in EPA Region 3.

UST Technical Compliance Rate Measures for End-of-Year FY 2023
(October 1, 2022 - September 30, 2023)

Region	State	% in Compliance with Spill Prevention Requirements	% in Compliance with Overfill Prevention Requirements	% in Compliance with Corrosion Protection Requirements	% in Compliance with Release Detection Requirements	% of UST Facilities meeting the Technical Compliance Rate (in compliance with all TCR categories)
State Data by Region						
1	CT ¹	87%	97%	98%	92%	82%
	MA ¹	58%	72%	95%	33%	28%
	ME ¹	80%	100%	100%	77%	59%
	NH ¹	73%	90%	99%	42%	32%
	RI ¹	37%	93%	99%	59%	31%
	VT ¹	87%	87%	96%	92%	77%
Region 1 Percentage		70%	85%	97%	59%	49%
2	NJ	99%	96%	98%	95%	90%
	NY ²	DNA	DNA	DNA	DNA	DNA
	PR	48%	49%	95%	49%	45%
	VI ³	48%	56%	88%	48%	16%
Region 2 Percentage		85%	83%	97%	82%	77%
3	DC	93%	94%	96%	94%	85%
	DE	95%	94%	99%	94%	92%
	MD	92%	94%	94%	79%	72%
	PA	86%	84%	89%	75%	64%
	VA	73%	67%	85%	59%	46%
	WV	93%	90%	93%	79%	71%
Region 3 Percentage		83%	80%	89%	71%	60%
4	AL	83%	79%	79%	60%	44%
	FL ¹	84%	87%	99%	64%	59%
	GA	66%	63%	72%	56%	44%
	KY	81%	85%	88%	77%	62%
	MS ²	DNA	DNA	DNA	DNA	DNA
	NC	82%	87%	86%	71%	59%
	SC	94%	92%	85%	72%	61%
	TN	80%	66%	78%	50%	34%
Region 4 Percentage		79%	78%	83%	63%	51%
5	IL	89%	90%	94%	73%	66%
	IN	35%	34%	78%	32%	16%
	MI	DNA	DNA	DNA	DNA	DNA
	MN	86%	85%	87%	84%	75%
	OH	70%	69%	94%	63%	56%
	WI	97%	90%	98%	52%	48%
Region 5 Percentage		76%	74%	91%	62%	53%
6	AR	76%	72%	72%	66%	44%
	LA	77%	75%	74%	57%	40%
	NM	88%	86%	92%	79%	76%
	OK	86%	87%	87%	66%	55%
	TX	93%	93%	92%	90%	86%
Region 6 Percentage		88%	87%	87%	80%	72%
7	IA	50%	47%	98%	38%	20%
	KS	57%	97%	99%	92%	48%
	MO	97%	94%	86%	92%	73%
	NE	56%	60%	82%	66%	47%
Region 7 Percentage		67%	77%	91%	75%	49%

UST Technical Compliance Rate Measures for End-of-Year FY 2023
(October 1, 2022 - September 30, 2023)

Region	State	% in Compliance with Spill Prevention Requirements	% in Compliance with Overfill Prevention Requirements	% in Compliance with Corrosion Protection Requirements	% in Compliance with Release Detection Requirements	% of UST Facilities meeting the Technical Compliance Rate (in compliance with all TCR categories)
8	CO	98%	97%	100%	99%	95%
	MT	91%	90%	96%	87%	76%
	ND	72%	66%	89%	46%	35%
	SD	48%	52%	76%	50%	37%
	UT	97%	93%	96%	84%	77%
	WY	100%	100%	100%	96%	96%
Region 8 Percentage		87%	85%	94%	81%	74%
9	AS ²	DNA	DNA	DNA	DNA	DNA
	AZ	82%	87%	98%	76%	64%
	CA ¹	87%	90%	99%	70%	60%
	CNMI ²	DNA	DNA	DNA	DNA	DNA
	GU	100%	100%	91%	87%	83%
	HI	93%	86%	99%	77%	74%
	NV	78%	80%	98%	42%	27%
Region 9 Percentage		86%	89%	98%	69%	59%
10	AK	58%	65%	98%	87%	34%
	ID ¹	90%	92%	97%	81%	66%
	OR	58%	55%	95%	68%	39%
	WA	83%	81%	89%	71%	56%
Region 10 Percentage		76%	75%	92%	72%	52%
Indian Country Data						
Region 1 ²		DNA	DNA	DNA	DNA	DNA
Region 2		53%	50%	70%	73%	43%
Region 4		78%	72%	100%	56%	50%
Region 5		79%	94%	94%	68%	56%
Region 6		88%	90%	94%	90%	84%
Region 7		71%	86%	100%	29%	29%
Region 8		73%	85%	93%	46%	34%
Region 9		74%	74%	93%	78%	67%
Region 10		93%	84%	93%	58%	46%
Indian Country Percentage		78%	81%	92%	67%	55%
National Data						
National Percentage		80.5%	80.9%	89.5%	69.1%	58.0%

Note: compliance measures track the percentage of recently inspected facilities in compliance with federal performance standards. States have different approaches to targeting inspections (e.g., non-compliant facilities or random inspections). States report on the technical compliance rate (TCR) measures based on state regulations updated since 2018 to be in compliance with the 2015 federal regulations. The TCR measures generally show compliance for the last twelve months. However, as states transition to TCR, they will begin by reporting on a shorter timeframe, at most six months; some will even be less due to compliance dates or the timeframe to enable system updates for tracking compliance.

Note: there are no Indian country USTs in EPA Region 3.

¹States reporting based on requirements more stringent than the federal TCR requirements. See pages 6-10 for description of state regulations more stringent than the federal TCR requirements.

²DNA = Data Not Available. States/EPA Regions (Indian country) that have passed the compliance dates for their updated regulations must begin reporting TCR. EPA Region 1 did not conduct inspections in the last twelve months and has no compliance data to report for End-of-Year FY 2023. NY and AS did not report TCR at End-of-Year FY 2023 because they did not have updated regulations during the reporting period. MS has not updated its data system to report TCR for End-of-Year FY 2023. MI is re-evaluating its process for calculating TCR. CNMI did not provide TCR data for the one inspection in FY 2023.

³EPA Region 2 conducted inspections on behalf of VI during End-of-Year FY 2023. The TCR results for VI are based on these inspections.

States with Requirements More Stringent Than the Federal Technical Compliance Rate Requirements

CALIFORNIA

- UST compliance inspections performed once every 12 months.
- Field constructed USTs are regulated as non-field constructed USTs.

Spill Prevention:

- Spill prevention testing performed every 12 months.
- Spill prevention contains at least five gallons with method to empty container.

Corrosion Protection:

- Interior lining and monitoring well required for single-walled steel USTs.
- Cathodic protection system records maintained for 78 months.

Release Detection:

- Automatic line leak detectors on double-walled pressurized pipe, other than emergency generators, must restrict or shut off flow of product when a leak is detected.
- Automatic line leak detectors on single-walled pressurized pipe, other than emergency generators, must shut down the pump when a leak is detected or leak detector is disconnected.
- All hazardous substance UST systems are continuously monitored.
- Petroleum UST systems installed after January 1, 1984 required to be double-walled, continuously monitored and cathodically protected.
- Continuously monitored under-dispenser containment required on all dispensers since December 31, 2003.
- Secondary containment testing required for tanks, piping, under-dispenser containment and sumps for systems installed between January 1, 1984 and June 30, 2004 since 2003.
- Secondary containment systems installed after July 1, 2004:
 - require continuous monitoring of the primary and secondary containment by vacuum, pressure or hydrostatic pressure, with monitoring equipment certified every 12 months;
 - have no exemption for safe suction piping;
 - must be capable of detecting liquid or vapor phase releases; and
 - are designed to prevent any water intrusion.
- All release detection and secondary containment records maintained for 36 months.

CONNECTICUT

Release Prevention:

- Class A/B operator must inspect and test overfill prevention equipment annually.

Release Detection:

- All new UST systems must be double walled with interstitial monitoring since October 1, 2003.
- All new UST systems must include liquid tight under dispenser containment sumps with sensors and liquid tight piping containment sumps with sensors since August 8, 2012.
- Interstitial spaces on tanks and lines are considered to be secondary containment requiring testing every three years in addition to hydrostatically testing sumps.
- Weekly inventory reconciliation is required for all tanks with the exception of DW systems using interstitial monitoring as the primary method of release detection.

- Suction piping shall either have a Line Tightness Test (LTT) conducted at least every three years until the last two years prior to the end of their life expectancy.
- For safe suction piping a LTT shall be conducted thirty-six to thirty-three months prior to the end of their life expectancy and annually.
- Owners and operators must maintain records for at least five years beyond the operational life of the UST system.

Corrosion Protection:

- Interior lining of UST not allowed as an acceptable method of corrosion protection since Nov. 20, 2018.
- All cathodic protection systems must be tested within six months of installation, following repairs, and at least annually thereafter.

FLORIDA

Release Detection:

- Groundwater and vapor monitoring plus SIR are not allowed unless approved by FDEP.

IDAHO

- Idaho measures compliance against the full state regulation not the TCR measures (e.g., 12 months of records are required).

MAINE

- Annual compliance inspection requirements: The owner of a facility is responsible for ensuring that the entire facility is inspected annually for compliance with the applicable requirements.

Release Prevention:

- Overfill and spill prevention alarms and shutoff systems must be tested at least annually and recalibrated, if necessary, in accordance with manufacturer's instructions.
- Sump testing and the correction of any deficiencies must be certified by a Maine Certified Underground Oil Storage Tank Installer or Inspector.
- Walkthrough inspections - a certified Class A or B operator must inspect the facility at least weekly. All facilities must maintain records of the weekly inspections at the facility or the owner's place of business for three years.
- Dispenser sumps or pans must be located and installed under all product dispensers. Dispenser sumps must be liquid tight and allow for visual inspection and access to the components in the containment system.

Corrosion Protection:

- A monthly inspection shall be performed of the rectifier meter on all facilities utilizing the impressed current system of corrosion protection.

Release Detection:

- Methods of leak detection for tanks and piping that are not allowed include: For tanks, manual tank gauging, groundwater monitoring and vapor monitoring; for piping, line tightness testing.

- All new and replacement field constructed tanks must have secondary containment, continuous interstitial monitoring, and overfill and spill prevention equipment. New or replacement field constructed tank piping must have secondary containment regardless of the size of the field constructed tank.
- New and replacement airport hydrant piping must have secondary containment and continuous interstitial monitoring.
- All piping sumps including dispenser sumps and pans shall be provided with continuous leak detection monitoring.
- Dispenser sumps must be equipped with continuous leak detection equipment including leak detection sensors and alarms. If the facility operates unattended at any time, then the dispenser sump sensor(s) must shut down all submersible pumps.
- Containment sumps must be tested for tightness immediately following a repair in accordance with Recommended Practices for the Testing and Verification of Spill, Overfill, Leak Detection and Secondary Containment Equipment at UST Facilities, PEI RP 1200, the manufacturer's instructions, or an alternative procedure approved by the Commissioner. If the repair consists only of replacement of a lid, sump testing is not required.

MASSACHUSETTS

Spill Prevention:

- All UST systems, regardless of the amount of regulated product received at one time, are required to have a spill bucket and an overfill prevention device (310 CMR 80.21).
- Spill buckets installed after January 2, 2015 must be at least 5 gallons (310 CMR 80.21(1)(a)).
- Spill buckets that are replaced after January 2, 2015, must be five gallons. [310 CMR 80.21(1)(a)].

Corrosion Protection:

- Cathodic protection systems must be tested within 60 days of repair (310 CMR 80.29(6)).

Release Detection:

- All Sumps must pass an integrity test after repairs (310 CMR 80.27(9)).
- Testing of sumps other than sumps that support interstitial monitoring of piping is required; does not include double-walled sumps, if the integrity of both walls is monitored every 90 days or annually.
- Vapor monitoring and groundwater monitoring are not permitted as a form of leak detection.
- Inventory control is not allowed as a method of leak detection. It is required as an additional measure for UST systems that are single-walled and do not have continuous monitoring.
- New tanks installed after January 1, 1989, are required to be double walled with interstitial monitoring.
- Regulated substance dispensers installed, repaired, or replaced on or after March 21, 2008 must be equipped with a dispenser sump that is continuously monitored with a dispenser sump sensor.

NEW HAMPSHIRE

- Airport Hydrant Systems and Field Constructed USTs are required to have secondary containment for tanks and piping and electronically monitor for releases in the secondary containment.

Spill Prevention:

- UST systems installed before April 22, 1997, or that do not have existing spill containment at stage I system connections, must install spill containment at stage I system connections by October 13, 2021.
- Spill containment tightness testing is required for all stage I systems by October 13, 2021, and triennially thereafter.
- Spill containment equipment with secondary containment and leak monitoring that is not being tightness tested triennially, must inspect the interstitial space for the presence of any oil or water, remove and dispose of any oil or water, and repair the spill containment as necessary.

Release Detection:

- The owner of a motor fuel dispensing UST system must test the primary containment system for tightness by December 22, 2017, and triennially thereafter.

RHODE ISLAND

- Airport hydrant fuel distribution systems and UST systems with field-constructed tanks are required to meet the same construction, release detection, release prevention, and closure requirements as all other UST systems containing regulated substances.

Release Prevention:

- All new and replacement spill containment basins must be capable of holding a minimum of three gallons, be double-walled and capable of periodic interstitial monitoring.
- Single-walled spill containment basins are prohibited from being installed as of November 20, 2018. All spill containment basins for gasoline USTs are required to be double-walled, Stage I EVR compatible by December 25, 2021.
- Under-dispenser containment has been required on all new installations since 1992; all existing dispensers are required to have UDC prior to 2024.
- Single-walled spill containment basins cannot be repaired and must be replaced with a double-walled model.

Corrosion Protection:

- Interior lining of UST not allowed as an acceptable method of corrosion protection since Nov. 20, 2018.

Release Detection:

- All USTs and product piping installed after 1992 must be double-walled and the interstitial space routinely tested for tightness. Single walled USTs and product piping must be permanently closed within 32 years from the date of installation.
- All tanks and piping are required to be tightness tested after a repair. No exemptions.
- Records required to be maintained by owner/operator for a minimum of 36 months.
- Tightness testing schedule is different than the federal requirement; it depends on the type of tank.
- Single-walled USTs and product piping must be tested for tightness annually.
- The interstitial space of double-walled USTs and product piping must be tested for tightness upon installation, at 20 years of age, and every 2 years thereafter; including suction piping.
- Groundwater, vapor, and "secondary barrier" testing, as well as conducting a periodic SIR are not accepted methods of leak detection.

- All USTs and product piping must be continuously monitored for leaks regardless of installation date.
- All pressurized product piping must contain a LLD regardless of installation date.
- Release detection for product piping and UST required regardless of installation date.
- All single-walled USTs containing regulated substances, and any single-walled UST greater than 2,000 gallons containing waste oil or motor oil, are required to have an ATG.
- All single-walled USTs are required to perform continuous statistical leak detection (CSLD).
- ATG alone is not a valid method of leak detection and must be coupled with tightness testing.

VERMONT

Spill Prevention:

- All tanks must have spill containment, regardless of the volume transferred at any one time.
- Spill containment devices installed or replaced after July 1, 2007 shall have a minimum capacity of 15 gallons and not be equipped with a drain valve.

Corrosion Protection:

- Systems using field-installed anodes must be CP tested at least annually after the initial test.
- Systems using impressed current shall be inspected and tested at least annually.

Release Detection:

- Any dispenser sump installed after July 1, 2007 must be monitored interstitially.
- Inventory monitoring is required for all federally-regulated motor fuel tanks, and records maintained onsite.
- Weekly monitoring required for tank and piping. Records must be available for the 2 most recent consecutive months and for 8 of the last 12 months.
- Inventory control /Tank Tightness Testing (TTT) not allowed as a release detection method after 6/30/98.

UST Additional Compliance Measures for End-of-Year FY 2023
(October 1, 2022 - September 30, 2023)

Region	State	% in Compliance with A and B Operator Training Requirements	% in Compliance with Financial Responsibility Requirements ¹	% in Compliance with Walkthrough Requirements
State Data by Region				
1	CT	97%	98%	98%
	MA	82%	77%	67%
	ME	74%	100%	67%
	NH	88%	100%	81%
	RI	60%	95%	66%
	VT	98%	98%	89%
Region 1 Percentage		86%	90%	78%
2	NJ	99%	98%	97%
	NY ²	DNA	DNA	DNA
	PR	57%	67%	59%
	VI ³	100%	92%	0%
Region 2 Percentage		88%	90%	86%
3	DC	99%	100%	94%
	DE	99%	100%	96%
	MD	93%	78%	52%
	PA	95%	95%	85%
	VA	78%	83%	78%
	WV	94%	85%	89%
Region 3 Percentage		89%	88%	78%
4	AL	90%	100%	59%
	FL	93%	96%	94%
	GA	81%	77%	64%
	KY	84%	100%	82%
	MS ²	DNA	DNA	DNA
	NC	62%	94%	85%
	SC	97%	99%	91%
TN	93%	100%	82%	
Region 4 Percentage		84%	93%	78%
5	IL	89%	92%	77%
	IN	53%	46%	38%
	MI	63%	70%	64%
	MN	87%	100%	79%
	OH	90%	85%	86%
	WI	93%	84%	85%
Region 5 Percentage		80%	80%	73%
6	AR	85%	92%	83%
	LA	89%	94%	76%
	NM	92%	87%	73%
	OK	93%	100%	82%
	TX	92%	92%	92%
Region 6 Percentage		91%	93%	87%
7	IA	92%	99%	61%
	KS	93%	90%	49%
	MO	98%	95%	99%
	NE	75%	99%	59%
Region 7 Percentage		90%	95%	68%

UST Additional Compliance Measures for End-of-Year FY 2023
(October 1, 2022 - September 30, 2023)

Region	State	% in Compliance with A and B Operator Training Requirements	% in Compliance with Financial Responsibility Requirements ¹	% in Compliance with Walkthrough Requirements
8	CO	99%	90%	99%
	MT	95%	95%	87%
	ND	94%	97%	91%
	SD	97%	100%	75%
	UT	96%	99%	91%
	WY	99%	100%	97%
Region 8 Percentage		97%	95%	91%
9	AS ²	DNA	DNA	DNA
	AZ	92%	97%	88%
	CA	92%	85%	81%
	CNMI ²	DNA	DNA	DNA
	GU	95%	100%	95%
	HI	98%	99%	90%
NV	96%	93%	58%	
Region 9 Percentage		92%	87%	80%
10	AK	87%	97%	84%
	ID	94%	97%	89%
	OR	95%	98%	88%
	WA	91%	95%	87%
Region 10 Percentage		92%	96%	88%
Indian Country Data				
Region 1 ²		DNA	DNA	DNA
Region 2		80%	75%	49%
Region 4		67%	100%	78%
Region 5		88%	97%	88%
Region 6		94%	84%	80%
Region 7		86%	100%	57%
Region 8		82%	86%	58%
Region 9		96%	85%	89%
Region 10		93%	91%	88%
Indian Country Percentage		89%	88%	78%
National Data				
National Percentage		87.0%	89.6%	79.4%

¹Financial responsibility requirements apply to petroleum USTs only, not hazardous substance USTs.

²DNA = Data Not Available. States/EPA Regions (Indian country) that have passed the compliance dates for their updated regulations must begin reporting the additional compliance measures. EPA Region 1 has not conducted inspections in the last twelve months and has no compliance data to report for End-of-Year FY 2023. NY and AS did not report the additional compliance measures at End-of-Year FY 2023 because they did not have updated regulations during the reporting period. MS has not updated its data system to report the additional compliance measures for End-of-Year FY 2023. CMNI did not provide additional compliance data for the one inspection in End-of-Year FY 2023.

³EPA Region 2 conducted inspections on behalf of VI during End-of-Year FY 2023. VI's results for the additional compliance measures are based on these inspections.

Note: there are no Indian country USTs in EPA Region 3.

LUST Corrective Action Measures for End-of-Year FY 2023
(Cumulative through September 30, 2023)

Region	State	Confirmed Releases Actions This Year	Confirmed Releases Cumulative	Cleanups Initiated Cumulative	Cleanups Completed Actions This Year	Cleanups Completed Cumulative	Cleanups Backlog
State Data by Region							
1	CT	104	3,924	3,876	86	2,841	1,083
	MA	26	6,747	6,716	44	6,459	288
	ME	66	3,355	3,297	67	3,312	43
	NH	19	2,764	2,761	10	2,223	541
	RI	8	1,519	1,519	16	1,388	131
	VT	3	2,193	2,192	20	1,675	518
Region 1 Subtotal		226	20,502	20,361	243	17,898	2,604
2	NJ	203	19,073	17,164	244	14,038	5,035
	NY	86	30,737	30,687	261	30,454	283
	PR	1	1,092	850	4	552	540
	VI	0	40	38	0	35	5
Region 2 Subtotal		290	50,942	48,739	509	45,079	5,863
3	DC	8	1,045	969	13	941	104
	DE	7	2,981	2,931	8	2,954	27
	MD	103	13,122	13,122	117	12,805	317
	PA	208	18,795	18,761	306	15,907	2,888
	VA	116	13,148	12,978	135	12,877	271
	WV	40	3,899	3,891	63	3,482	417
Region 3 Subtotal		482	52,990	52,652	642	48,966	4,024
4	AL	50	12,413	12,260	73	11,564	849
	FL	146	34,179	33,571	560	25,701	8,478
	GA	202	15,425	15,337	252	14,853	572
	KY	77	17,568	17,559	109	17,001	567
	MS	123	8,762	8,482	161	8,276	486
	NC	158	27,721	25,262	829	26,368	1,353
	SC	99	10,897	10,661	185	8,774	2,123
	TN	106	16,150	16,150	96	16,040	110
Region 4 Subtotal		961	143,115	139,282	2,265	128,577	14,538
5	IL	242	26,408	26,017	252	21,720	4,688
	IN	149	10,784	10,413	157	9,984	800
	MI	204	24,468	23,563	160	16,090	8,378
	MN	114	12,669	12,476	108	12,290	379
	OH	439	34,225	33,542	389	32,330	1,895
	WI	107	20,070	19,941	127	19,576	494
Region 5 Subtotal		1,255	128,624	125,952	1,193	111,990	16,634
6	AR	28	1,487	1,433	24	1,366	121
	LA	88	6,213	6,213	125	5,653	560
	NM	29	2,763	2,489	29	1,933	830
	OK	83	5,932	5,932	76	5,534	398
	TX	208	29,345	28,584	243	28,157	1,188
Region 6 Subtotal		436	45,740	44,651	497	42,643	3,097
7	IA	32	6,415	6,273	59	6,127	288
	KS	43	5,475	5,382	66	4,267	1,208
	MO	66	7,611	7,603	84	7,024	587
	NE	72	6,945	6,527	115	6,385	560
Region 7 Subtotal		213	26,446	25,785	324	23,803	2,643

LUST Corrective Action Measures for End-of-Year FY 2023
(Cumulative through September 30, 2023)

Region	State	Confirmed Releases Actions This Year	Confirmed Releases Cumulative	Cleanups Initiated Cumulative	Cleanups Completed Actions This Year	Cleanups Completed Cumulative	Cleanups Backlog
8	CO	173	9,846	9,469	212	9,490	356
	MT	18	3,219	3,140	24	2,567	652
	ND	3	913	889	3	879	34
	SD	43	2,972	2,826	43	2,886	86
	UT	55	5,388	5,311	80	5,165	223
	WY	4	2,821	2,810	43	2,320	501
Region 8 Subtotal		296	25,159	24,445	405	23,307	1,852
9	AS	0	8	8	0	8	0
	AZ	53	9,492	9,467	59	9,201	291
	CA	26	44,610	44,155	256	42,873	1,737
	CNMI	0	15	15	0	14	1
	GU	0	147	147	0	138	9
	HI	12	2,222	2,176	11	2,106	116
	NV	9	2,684	2,684	22	2,576	108
Region 9 Subtotal		100	59,178	58,652	348	56,916	2,262
10	AK	13	2,610	2,523	19	2,296	314
	ID	10	1,595	1,593	16	1,544	51
	OR	35	7,904	7,596	66	7,118	786
	WA	30	7,134	6,939	58	4,594	2,540
Region 10 Subtotal		88	19,243	18,651	159	15,552	3,691
Indian Country Data							
Region 1		0	2	2	0	2	0
Region 2		0	8	8	0	7	1
Region 4		0	18	17	1	17	1
Region 5		2	269	236	2	198	71
Region 6		0	63	63	1	39	24
Region 7		0	24	24	2	21	3
Region 8		2	453	439	2	379	74
Region 9		3	318	302	2	269	49
Region 10		0	202	202	1	196	6
Indian Country Subtotal		7	1,357	1,293	11	1,128	229
National Data							
National Total		4,354	573,296	560,463	6,596	515,859	57,437

Definition of confirmed releases, cleanups initiated, and cleanups completed are on EPA's website at https://www.epa.gov/system/files/documents/2022-05/revised-ust-lust-perf-meas-defs_02-25-22.pdf

Note: there are no Indian country USTs in EPA's Region 3.

Note: the LUST corrective action performance measures apply to petroleum USTs only, not hazardous substance USTs.

UST National Backlog: FY 1989 Through End-of-Year FY 2023

