

## Semiannual Report Of UST Performance Measures Mid Fiscal Year 2019 (October 1, 2018 - March 31, 2019)

### How is the UST program performing as of mid FY 2019?

UST Program Measures	National Performance	Detailed Information Available
<b>UST Universe – Petroleum And Hazardous Substance Tank Systems</b>		
Petroleum USTs regulated by EPA's UST program (as of March 2019)	<b>548,682</b> active USTs at approximately <b>198,000</b> facilities	Page 1
<b>UST Inspections</b>		
On-site inspections at federally-regulated UST facilities (between October 2018 and March 2019)	<b>38,569</b> total	Page 3
<b>UST Technical Compliance Measure</b>		
Technical compliance rate (TCR) (between October 2018 and March 2019)	<b>48.4%</b>	Page 4
<b>UST Significant Operational Compliance Measure</b>		
Significant operational compliance (SOC) rate (between April 2018 and March 2019)	<b>70.2%</b>	Page 8
<b>UST Additional Compliance Measures</b> (between October 2018 and March 2019)		
Class A and B operator training requirements	<b>86.3%</b>	Page 12
Financial responsibility requirements	<b>91.3%</b>	
Walkthrough requirements	<b>74.5%</b>	
<b>LUST Corrective Action Measures</b>		
Confirmed releases (between October 2018 and March 2019)	<b>2,442</b> (includes <b>5</b> in Indian country) [cumulative since 1984 inception of the program: <b>545,876</b> ]	Page 14
Cleanups completed (between October 2018 and March 2019)	<b>4,141</b> (includes <b>7</b> in Indian country) [cumulative since 1984 inception of the program: <b>481,783</b> ]	
Releases remaining to be cleaned up (as of March 2019)	<b>64,093</b>	

### Why did EPA change the semiannual report and UST performance measures?

Effective with the 2019 mid-year semiannual UST performance report, EPA revised our semiannual report to reflect changes in reporting by states, territories, and the District of Columbia (hereafter referred to as states). In October 2018, EPA updated our existing compliance performance measures and added new measures. Many of the changes are the result of the 2015 federal UST regulation that increased emphasis on properly operating and maintaining UST equipment. For more information see EPA's technical compliance rate performance measures website [www.epa.gov/ust/technical-compliance-rate-tcr-performance-measures](http://www.epa.gov/ust/technical-compliance-rate-tcr-performance-measures).

### Why are some states reporting SOC and others are reporting TCR?

Through October 2021, states will report on either SOC measures or TCR measures, depending on their state's regulatory compliance dates. After all states transition to reporting TCR measures, our semiannual UST performance report will no longer include SOC performance measures.



## 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](http://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 (UST) performance measures and makes the data publicly available. EPA directly provides data on work in Indian country, since 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 significant operational compliance and those 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](http://www.epa.gov/ust/ust-performance-measures) provides the most current report, as well as historical reports beginning with FY 1988, the first year EPA reported UST data. Reports are listed beginning with the most recent first.

## Who can I contact for more information?

Contact Susan Burnell of EPA's Office of Underground Storage Tanks at [burnell.susan@epa.gov](mailto:burnell.susan@epa.gov) or 202-564-0766.

UST Universe - Petroleum and Hazardous Substance Tank Systems  
(Cumulative through March 31, 2019)

Region	State	Number of Active Petroleum Tank Systems	Number of Closed Petroleum Tank Systems	Number of Active Hazardous Substance Tank Systems	Number of Closed Hazardous Substance Tank Systems	Total Active UST Systems	Total Closed UST Systems
<b>State Data by Region</b>							
01	CT	5,559	28,338	13	821	5,572	29,159
	MA	8,487	27,317	77	736	8,564	28,053
	ME	2,303	14,126	0	170	2,303	14,296
	NH	2,700	12,705	18	158	2,718	12,863
	RI	1,359	8,991	1	272	1,360	9,263
	VT	1,729	6,490	0	58	1,729	6,548
<b>Region 1 Subtotal</b>		<b>22,137</b>	<b>97,967</b>	<b>109</b>	<b>2,215</b>	<b>22,246</b>	<b>100,182</b>
02	NJ	12,963	61,999	394	5,018	13,357	67,017
	NY	22,168	108,814	322	1,236	22,490	110,050
	PR	4,467	5,848	1	148	4,468	5,996
	VI	130	293	0	0	130	293
<b>Region 2 Subtotal</b>		<b>39,728</b>	<b>176,954</b>	<b>717</b>	<b>6,402</b>	<b>40,445</b>	<b>183,356</b>
03	DC	597	3,496	3	110	600	3,606
	DE	1,147	7,608	1	93	1,148	7,701
	MD	7,059	37,173	8	270	7,067	37,443
	PA	21,961	68,285	62	2,455	22,023	70,740
	VA	18,000	63,537	21	895	18,021	64,432
	WV	4,172	21,558	4	182	4,176	21,740
<b>Region 3 Subtotal</b>		<b>52,936</b>	<b>201,657</b>	<b>99</b>	<b>4,005</b>	<b>53,035</b>	<b>205,662</b>
04	AL	16,338	31,210	13	175	16,351	31,385
	FL	22,714	113,241	14	7	22,728	113,248
	GA	29,297	52,127	36	330	29,333	52,457
	KY	9,462	41,172	27	331	9,489	41,503
	MS	8,062	24,168	13	42	8,075	24,210
	NC	24,287	72,003	39	1,263	24,326	73,266
	SC	11,285	34,337	14	345	11,299	34,682
	TN	16,058	41,509	14	423	16,072	41,932
<b>Region 4 Subtotal</b>		<b>137,503</b>	<b>409,767</b>	<b>170</b>	<b>2,916</b>	<b>137,673</b>	<b>412,683</b>
05	IL	18,386	63,520	207	2,055	18,593	65,575
	IN	13,371	43,640	34	692	13,405	44,332
	MI <sup>1</sup>	17,644	72,256	DNA	DNA	17,644	72,256
	MN	12,755	33,863	44	408	12,799	34,271
	OH	21,069	52,772	96	500	21,165	53,272
	WI	13,556	70,940	61	842	13,617	71,782
<b>Region 5 Subtotal</b>		<b>96,781</b>	<b>336,991</b>	<b>442</b>	<b>4,497</b>	<b>97,223</b>	<b>341,488</b>
06	AR	8,602	22,088	0	42	8,602	22,130
	LA	10,494	36,467	10	8	10,504	36,475
	NM	3,558	13,126	2	113	3,560	13,239
	OK <sup>1</sup>	8,758	29,734	DNA	DNA	8,758	29,734
	TX	49,516	125,307	60	474	49,576	125,781
<b>Region 6 Subtotal</b>		<b>80,928</b>	<b>226,722</b>	<b>72</b>	<b>637</b>	<b>81,000</b>	<b>227,359</b>

UST Universe - Petroleum and Hazardous Substance Tank Systems  
(Cumulative through March 31, 2019)

Region	State	Number of Active Petroleum Tank Systems	Number of Closed Petroleum Tank Systems	Number of Active Hazardous Substance Tank Systems	Number of Closed Hazardous Substance Tank Systems	Total Active UST Systems	Total Closed UST Systems
07	IA	6,412	24,103	24	172	6,436	24,275
	KS	6,412	21,656	8	50	6,420	21,706
	MO	8,624	33,015	15	392	8,639	33,407
	NE	6,343	15,528	2	34	6,345	15,562
<b>Region 7 Subtotal</b>		<b>27,791</b>	<b>94,302</b>	<b>49</b>	<b>648</b>	<b>27,840</b>	<b>94,950</b>
08	CO	7,139	23,845	10	299	7,149	24,144
	MT	3,082	11,616	5	107	3,087	11,723
	ND	2,247	7,708	0	41	2,247	7,749
	SD	3,025	7,312	41	479	3,066	7,791
	UT	3,636	14,119	0	101	3,636	14,220
	WY	1,628	8,395	6	22	1,634	8,417
<b>Region 8 Subtotal</b>		<b>20,757</b>	<b>72,995</b>	<b>62</b>	<b>1,049</b>	<b>20,819</b>	<b>74,044</b>
09	AS	3	65	0	0	3	65
	AZ	5,958	22,677	6	90	5,964	22,767
	CA	36,220	134,424	1,574	22,044	37,794	156,468
	CNMI	64	72	0	0	64	72
	GU	274	501	2	0	276	501
	HI	1,523	5,651	0	21	1,523	5,672
	NV	3,827	7,790	14	29	3,841	7,819
<b>Region 9 Subtotal</b>		<b>47,869</b>	<b>171,180</b>	<b>1,596</b>	<b>22,184</b>	<b>49,465</b>	<b>193,364</b>
10	AK	926	6,881	1	22	927	6,903
	ID	3,401	11,514	2	35	3,403	11,549
	OR	5,430	26,851	9	153	5,439	27,004
	WA	9,934	37,726	189	618	10,123	38,344
<b>Region 10 Subtotal</b>		<b>19,691</b>	<b>82,972</b>	<b>201</b>	<b>828</b>	<b>19,892</b>	<b>83,800</b>
<b>Indian Country Data</b>							
Region 1		13	6	0	0	13	6
Region 2		161	51	0	0	161	51
Region 4		69	77	0	0	69	77
Region 5		441	1,068	3	3	444	1,071
Region 6		391	321	0	0	391	321
Region 7		82	97	0	0	82	97
Region 8		473	2,106	0	12	473	2,118
Region 9		577	1,491	0	3	577	1,494
Region 10		354	1,171	0	23	354	1,194
<b>Indian Country Subtotal</b>		<b>2,561</b>	<b>6,388</b>	<b>3</b>	<b>41</b>	<b>2,564</b>	<b>6,429</b>
<b>National Data</b>							
<b>National Total</b>		<b>548,682</b>	<b>1,877,895</b>	<b>3,520</b>	<b>45,422</b>	<b>552,202</b>	<b>1,923,317</b>

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

<sup>1</sup>DNA. MI was unable to report closed hazardous substance tank system data for Mid-Year 2019. OK Corporation Commission (OCC) does not collect hazardous substance tank system data in OK.

Note: there are no tribal USTs in EPA Region 3.

UST Inspections for Mid-Year 2019  
(October 1, 2018 - March 31, 2019)

Region	State	Number of On-Site Inspections Conducted
<b>State Data by Region</b>		
01	CT	285
	MA	741
	ME	344
	NH	126
	RI	122
	VT	107
	<b>Region 1 Subtotal</b>	<b>1,725</b>
02	NJ	535
	NY	1,205
	PR	192
	VI	23
	<b>Region 2 Subtotal</b>	<b>1,955</b>
03	DC	23
	DE	67
	MD	393
	PA	1,184
	VA	873
	WV	200
<b>Region 3 Subtotal</b>	<b>2,740</b>	
04	AL	1,094
	FL	1,951
	GA	1,508
	KY	887
	MS	424
	NC	1,667
	SC	1,729
	TN	1,122
<b>Region 4 Subtotal</b>	<b>10,382</b>	
05	IL	906
	IN	369
	MI	859
	MN	340
	OH	1,074
	WI	859
	<b>Region 5 Subtotal</b>	<b>4,407</b>
06	AR	531
	LA	711
	NM	228
	OK	1,146
	TX	2,897
<b>Region 6 Subtotal</b>	<b>5,513</b>	
07	IA	443
	KS	473
	MO	605
	NE	619
<b>Region 7 Subtotal</b>	<b>2,140</b>	

Region	State	Number of On-Site Inspections Conducted
08	CO	641
	MT	205
	ND	35
	SD	181
	UT	317
	WY	150
	<b>Region 8 Subtotal</b>	<b>1,529</b>
09	AS	3
	AZ	364
	CA	6,038
	CNMI	0
	GU	28
	HI	116
	NV	568
	<b>Region 9 Subtotal</b>	<b>7,117</b>
10	AK	82
	ID	118
	OR	209
	WA	551
<b>Region 10 Subtotal</b>	<b>960</b>	
<b>Indian Country Data</b>		
Region 1		0
Region 2		0
Region 4		3
Region 5		17
Region 6		16
Region 7		0
Region 8		0
Region 9		61
Region 10		4
<b>Indian Country Subtotal</b>		<b>101</b>
<b>National Data</b>		
<b>National Total</b>		<b>38,569</b>

Note: there are no tribal USTs in EPA Region 3.

UST Technical Compliance Rate Measures for Mid-Year FY 2019  
(October 1, 2018 - March 31, 2019)

Region	State	% in Compliance with 2015 Spill Prevention Requirements	% in Compliance with 2015 Overfill Prevention Requirements	% in Compliance with 2015 Corrosion Protection Requirements	% in Compliance with 2015 Release Detection Requirements	% of UST Facilities meeting the Technical Compliance Rate (in compliance with all TCR categories)
<b>State Data by Region</b>						
01	CT	N/A	N/A	N/A	N/A	N/A
	MA	N/A	N/A	N/A	N/A	N/A
	ME	N/A	N/A	N/A	N/A	N/A
	NH	N/A	N/A	N/A	N/A	N/A
	RI	N/A	N/A	N/A	N/A	N/A
	VT	N/A	N/A	N/A	N/A	N/A
<b>Region 1 Subtotal</b>		<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
02	NJ	97%	95%	86%	88%	78%
	NY	N/A	N/A	N/A	N/A	N/A
	PR <sup>1</sup>	DNA	DNA	DNA	DNA	DNA
	VI	N/A	N/A	N/A	N/A	N/A
<b>Region 2 Subtotal</b>		<b>97%</b>	<b>95%</b>	<b>86%</b>	<b>88%</b>	<b>78%</b>
03	DC	N/A	N/A	N/A	N/A	N/A
	DE	N/A	N/A	N/A	N/A	N/A
	MD	N/A	N/A	N/A	N/A	N/A
	PA	N/A	N/A	N/A	N/A	N/A
	VA	N/A	N/A	N/A	N/A	N/A
	WV	75%	77%	94%	69%	56%
<b>Region 3 Subtotal</b>		<b>75%</b>	<b>77%</b>	<b>94%</b>	<b>69%</b>	<b>56%</b>
04	AL	N/A	N/A	N/A	N/A	N/A
	FL <sup>2</sup>	75%	98%	73%	71%	58%
	GA	N/A	N/A	N/A	N/A	N/A
	KY	N/A	N/A	N/A	N/A	N/A
	MS	N/A	N/A	N/A	N/A	N/A
	NC	65%	66%	86%	57%	42%
	SC	N/A	N/A	N/A	N/A	N/A
	TN	N/A	N/A	N/A	N/A	N/A
<b>Region 4 Subtotal</b>		<b>70%</b>	<b>82%</b>	<b>80%</b>	<b>64%</b>	<b>50%</b>
05	IL <sup>1</sup>	DNA	DNA	DNA	DNA	DNA
	IN	N/A	N/A	N/A	N/A	N/A
	MI <sup>1</sup>	DNA	DNA	DNA	DNA	DNA
	MN	N/A	N/A	N/A	N/A	N/A
	OH	51%	52%	91%	54%	43%
	WI	N/A	N/A	N/A	N/A	N/A
<b>Region 5 Subtotal</b>		<b>51%</b>	<b>52%</b>	<b>91%</b>	<b>54%</b>	<b>43%</b>
06	AR	N/A	N/A	N/A	N/A	N/A
	LA	N/A	N/A	N/A	N/A	N/A
	NM	N/A	N/A	N/A	N/A	N/A
	OK	60%	61%	76%	44%	33%
	TX	N/A	N/A	N/A	N/A	N/A
<b>Region 6 Subtotal</b>		<b>60%</b>	<b>61%</b>	<b>76%</b>	<b>44%</b>	<b>33%</b>
07	IA	N/A	N/A	N/A	N/A	N/A
	KS	N/A	N/A	N/A	N/A	N/A
	MO	N/A	N/A	N/A	N/A	N/A
	NE	N/A	N/A	N/A	N/A	N/A
<b>Region 7 Subtotal</b>		<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>

UST Technical Compliance Rate Measures for Mid-Year FY 2019  
(October 1, 2018 - March 31, 2019)

Region	State	% in Compliance with 2015 Spill Prevention Requirements	% in Compliance with 2015 Overfill Prevention Requirements	% in Compliance with 2015 Corrosion Protection Requirements	% in Compliance with 2015 Release Detection Requirements	% of UST Facilities meeting the Technical Compliance Rate (in compliance with all TCR categories)
08	CO	N/A	N/A	N/A	N/A	N/A
	MT	N/A	N/A	N/A	N/A	N/A
	ND	N/A	N/A	N/A	N/A	N/A
	SD	N/A	N/A	N/A	N/A	N/A
	UT	70%	64%	92%	67%	52%
	WY	96%	95%	98%	98%	87%
<b>Region 8 Subtotal</b>		<b>78%</b>	<b>74%</b>	<b>94%</b>	<b>77%</b>	<b>63%</b>
09	AS <sup>1</sup>	DNA	DNA	DNA	DNA	DNA
	AZ	N/A	N/A	N/A	N/A	N/A
	CA <sup>2</sup>	85%	65%	99%	69%	43%
	CNMI <sup>1</sup>	DNA	DNA	DNA	DNA	DNA
	GU	97%	100%	100%	95%	95%
	HI	N/A	N/A	N/A	N/A	N/A
	NV	31%	35%	97%	27%	8%
<b>Region 9 Subtotal</b>		<b>80%</b>	<b>63%</b>	<b>99%</b>	<b>65%</b>	<b>40%</b>
10	AK	77%	78%	91%	76%	75%
	ID <sup>2</sup>	86%	88%	99%	84%	61%
	OR	N/A	N/A	N/A	N/A	N/A
	WA	N/A	N/A	N/A	N/A	N/A
<b>Region 10 Subtotal</b>		<b>84%</b>	<b>86%</b>	<b>97%</b>	<b>82%</b>	<b>64%</b>
<b>Indian Country Data</b>						
Region 1 <sup>1</sup>		DNA	DNA	DNA	DNA	DNA
Region 2 <sup>1</sup>		DNA	DNA	DNA	DNA	DNA
Region 4		100%	100%	100%	33%	33%
Region 5		59%	47%	94%	65%	35%
Region 6		100%	100%	100%	88%	88%
Region 7 <sup>1</sup>		DNA	DNA	DNA	DNA	DNA
Region 8 <sup>1</sup>		DNA	DNA	DNA	DNA	DNA
Region 9		45%	90%	100%	60%	36%
Region 10		25%	75%	100%	25%	0%
<b>Indian Country Total</b>		<b>58%</b>	<b>79%</b>	<b>99%</b>	<b>59%</b>	<b>40%</b>
<b>National Data</b>						
<b>National Total</b>		<b>72.3%</b>	<b>71.7%</b>	<b>88.6%</b>	<b>64.8%</b>	<b>48.4%</b>

Note: compliance measures track the percentage of recently-inspected facilities in compliance with federal performance standards. States have different approaches to targeting inspections (i.e., non-compliant facilities or random inspections). EPA updated the compliance measures to track compliance for provisions in the updated 2015 federal regulation. States will switch from tracking compliance against the significant operational compliance (SOC) measures to the technical compliance rate (TCR) measures as they pass the compliance dates in the states' updated regulations. The transition will continue through October 13, 2021. During the transition from SOC to TCR, this TCR table will list the states that are still reporting SOC as N/A (not applicable). See the SOC chart for the compliance data for states listed as N/A on this table. The TCR measures will ultimately show compliance for the last twelve months. 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 timeframe to enable system updates for tracking compliance.

Note: there are no tribal USTs in EPA Region 3.

<sup>1</sup>DNA = Data Not Available. States/Regions (Indian country) that have passed the compliance dates for their updated regulations must begin reporting TCR. However, AS, CNMI and EPA Regions had not conducted inspections and had no compliance data to report for Mid Year 2019. The remaining states with DNA are working to update their reporting systems.

<sup>2</sup>States reporting based on requirements more stringent than the federal TCR requirements. See pages 6-7 for description of state regulations more stringent than the federal TCR requirements.

## **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 by certified service technician with manufacturer training.
- Spill prevention testing recorded on regulatory prescribed forms.
- Spill prevention testing performed every 12 months.
- Spill prevention test results submitted to local agency within 30 days of testing.
- Spill prevention contains at least five gallons with method to empty container.

#### **Overfill Prevention:**

- Overfill prevention inspection performed by certified service technician with manufacturer training.
- Overfill prevention inspection recorded on regulatory prescribed forms.
- Overfill prevention inspection results submitted to local agency within 30 days of inspection.

#### **Corrosion Protection:**

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

#### **Release Detection:**

- Release detection and secondary containment testing performed by certified service technician with manufacturer training.
- Tank tightness testing performed by a state certified tank tester.
- Release detection and secondary containment testing recorded on regulatory prescribed forms.
- Release detection and secondary containment testing results submitted to local agency with 30 of testing.
- Automatic line leak detectors on double-walled pressurized pipe, other than emergency generators, must restrict or shut of 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 double-walled and 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.



**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.

UST Significant Operational Compliance Measures for Mid-Year 2019  
(April 1, 2018 - March 31, 2019)

Region	State	% in Significant Operational Compliance with Release Prevention Regulations	% in Significant Operational Compliance with Release Detection Regulations	% of UST Facilities in SOC with UST Release Detection and Release Prevention
<b>State Data by Region</b>				
01	CT <sup>1</sup>	89%	89%	82%
	MA	77%	54%	47%
	ME	91%	85%	85%
	NH	66%	59%	42%
	RI <sup>1</sup>	70%	54%	47%
	VT <sup>1</sup>	86%	82%	80%
<b>Region 1 Subtotal</b>		<b>80%</b>	<b>69%</b>	<b>62%</b>
02	NJ	N/A	N/A	N/A
	NY	80%	70%	67%
	PR	N/A	N/A	N/A
	VI	100%	73%	73%
<b>Region 2 Subtotal</b>		<b>80%</b>	<b>70%</b>	<b>67%</b>
03	DC	96%	96%	92%
	DE	96%	97%	95%
	MD	86%	91%	82%
	PA	80%	81%	68%
	VA	84%	73%	65%
	WV	N/A	N/A	N/A
<b>Region 3 Subtotal</b>		<b>83%</b>	<b>80%</b>	<b>70%</b>
04	AL	74%	64%	52%
	FL	N/A	N/A	N/A
	GA	71%	63%	54%
	KY	79%	82%	69%
	MS	78%	73%	64%
	NC	N/A	N/A	N/A
	SC	82%	79%	68%
	TN	91%	87%	76%
<b>Region 4 Subtotal</b>		<b>78%</b>	<b>72%</b>	<b>62%</b>
05	IL	N/A	N/A	N/A
	IN	82%	81%	78%
	MI	N/A	N/A	N/A
	MN	84%	85%	82%
	OH	N/A	N/A	N/A
	WI <sup>1</sup>	81%	66%	59%
<b>Region 5 Subtotal</b>		<b>82%</b>	<b>77%</b>	<b>73%</b>
06	AR	77%	77%	66%
	LA	84%	78%	72%
	NM	93%	96%	87%
	OK	N/A	N/A	N/A
	TX <sup>1</sup>	95%	93%	90%
<b>Region 6 Subtotal</b>		<b>91%</b>	<b>89%</b>	<b>84%</b>

UST Significant Operational Compliance Measures for Mid-Year 2019  
(April 1, 2018 - March 31, 2019)

Region	State	% in Significant Operational Compliance with Release Prevention Regulations	% in Significant Operational Compliance with Release Detection Regulations	% of UST Facilities in SOC with UST Release Detection and Release Prevention
07	IA	80%	62%	52%
	KS	56%	86%	51%
	MO <sup>1</sup>	78%	96%	74%
	NE <sup>1</sup>	81%	78%	69%
<b>Region 7 Subtotal</b>		<b>74%</b>	<b>82%</b>	<b>63%</b>
08	CO	88%	80%	77%
	MT	95%	94%	90%
	ND	92%	92%	87%
	SD	82%	77%	67%
	UT	N/A	N/A	N/A
	WY	N/A	N/A	N/A
<b>Region 8 Subtotal</b>		<b>89%</b>	<b>84%</b>	<b>79%</b>
09	AS	N/A	N/A	N/A
	AZ	87%	61%	57%
	CA	N/A	N/A	N/A
	CNMI	N/A	N/A	N/A
	GU	N/A	N/A	N/A
	HI	91%	88%	78%
	NV	N/A	N/A	N/A
<b>Region 9 Subtotal</b>		<b>88%</b>	<b>66%</b>	<b>61%</b>
10	AK	N/A	N/A	N/A
	ID	N/A	N/A	N/A
	OR	91%	88%	81%
	WA	92%	84%	78%
<b>Region 10 Subtotal</b>		<b>92%</b>	<b>85%</b>	<b>79%</b>
National Data				
<b>National Total</b>		<b>82.9%</b>	<b>78.6%</b>	<b>70.2%</b>

Note: compliance measures track the percentage of recently-inspected facilities in compliance with federal performance standards. States have different approaches to targeting inspections (i.e., non-compliant facilities or random inspections). EPA updated the compliance measures to track compliance for provisions in the updated 2015 federal regulation. States will switch from tracking compliance against the significant operational compliance (SOC) measures to the technical compliance rate (TCR) measures as they pass the compliance dates in the states' updated regulations. The transition will continue through October 13, 2021. During the transition from SOC to TCR, this SOC table will list the states that have switched to reporting TCR as N/A (not applicable). See the TCR table for the compliance data for states listed as N/A on this table. The SOC measures show compliance for the last twelve months.

Note: Indian country falls under the federal regulation. See the TCR pages for compliance data in Indian country.

<sup>1</sup>States reporting based on requirements more stringent than the federal SOC requirements. See pages 10-11 for description of state regulations more stringent than the federal SOC requirements.

## **States With Requirements More Stringent Than The Federal Significant Operational Compliance Requirements**

### **CONNECTICUT**

#### **Release Prevention: Operation and Maintenance of Cathodic Protection**

- Lining not allowed.

#### **Release Detection: Testing**

- Tanks and piping require weekly and monthly monitoring for releases and records must be available (for 2 of the most recent consecutive months and for 8 of the last 12 months).
- Statistical Inventory Reconciliation (SIR) not allowed as a stand-alone method.

### **MISSOURI**

#### **Release Prevention: Cathodic Protection**

- All metal components in contact with any electrolyte must be cathodically protected.

### **NEBRASKA**

#### **Release Prevention: Cathodic Protection**

- All metal components in contact with any electrolyte must be cathodically protected.

#### **Release Prevention: Reporting**

- Owner/operator must submit monthly inventory monitoring reports to the state.

#### **Release Prevention: Temporarily Closed Tanks**

- Owner/operator must permanently close USTs that have been in temporary closed status for more than one year.

### **RHODE ISLAND**

#### **Release Prevention: Operation and Maintenance**

- All tanks and piping are required to be tightness tested after a repair. No exemptions.

#### **Release Prevention: Operation and Maintenance of Cathodic Protection**

- Impressed current cathodic protection systems are required to be tested every 2 years.

#### **Release Detection: Monitoring and Testing**

- Records required for the past 36 months.
- Inventory control is required for all tanks (single-walled and double-walled).
- Tightness testing schedule is different than the federal requirement; it depends on the type of tank.
  - Tank tightness must be performed on all single walled tanks.
  - Tightness tests must be performed every 5 years after the installation of the ATG until the tank has been installed for 20 years and every 2 years thereafter.
  - Single-walled USTs installed for a period of 30 years have to be tightness tested annually beginning in 2015.
  - UST systems upgraded with interior lining and/or cathodic protections are not required to have an ATG for 10 years after the upgrade. Tank tightness testing must be conducted annually during these 10 years. After 10 years, an ATG is required and tank tightness testing must be performed every 5 years until the tank has been installed for 20 years and then every 2 years thereafter. The results of all tightness tests shall be maintained for 3 years beyond the life of the facility.
  - Tightness testing of UST and piping interstitial spaces is required when a system has been installed for a period of 20 years, and every 2 years thereafter.

- Groundwater or vapor monitoring not accepted as a method of leak detection.
- SIR not accepted.

## **TEXAS**

### **Release Detection:**

- All retail locations are required to do inventory control and maintain records. Any exceedance beyond one month must be reported to TCEQ.

## **VERMONT**

### **Release Prevention: Operation and Maintenance of Cathodic Protection**

- Lining not allowed unless with impressed current.

### **Release Detection: Method Presence and Performance Requirements**

- 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.

### **Release Detection: Testing**

- Inventory control /Tank Tightness Testing (TTT) not allowed as a release detection method after 6/30/98.
- Manual Tank Gauge (MTG) allowed alone up to 550 gallons; 551-1,000 gallons, MTG with annual TTT.

## **WISCONSIN**

### **Release Prevention: Operation and Maintenance of Cathodic Protection**

- Require annual cathodic protection test.

### **Release Prevention: Spill Prevention**

- Require USTs to be equipped with overfill prevention equipment that will operate as follows (NFPA 30-2.6.1.4 – 2000 and 2003 version):
  - Automatically shut off the flow of liquid into the tank when the tank is no more than 95% full;
  - Alert the transfer operator when the tank is no more than 90% full by restricting the flow of liquid into the tank or triggering the high-level alarm; and,
  - Other methods approved by the authority having jurisdiction.

### **Release Detection: Testing**

- Require NFPA 30A09.2.1 (2000 and 2003 versions). Accurate daily inventory records shall be maintained and reconciled for all liquid fuel storage tanks for indication of possible leakage from tanks or piping. The records shall be kept on the premises or shall be made available to the authority having jurisdiction for the inspection within 24 hours of a written or verbal request. The records shall include, as a minimum and by product, daily reconciliation between sales, use, receipts, and inventory on hand. If there is more than one storage system serving an individual pump or dispensing device for any product, the reconciliation shall be maintained separately for each system.

### **Release Detection: Deferment**

- No exclusion or deferment for "remote" emergency generator tanks.

### **Other**

- Require annual permit to operate that includes verification of financial responsibility.

UST Additional Compliance Measures for Mid-Year FY 2019  
(October 1, 2018 - March 31, 2019)

Region	State	% in Compliance with A and B Operator Training Requirements	% in Compliance with Financial Responsibility Requirements <sup>2</sup>	% in Compliance with 2015 Walk Through Requirements
<b>State Data by Region</b>				
01	CT	N/A	N/A	N/A
	MA	N/A	N/A	N/A
	ME	N/A	N/A	N/A
	NH	N/A	N/A	N/A
	RI	N/A	N/A	N/A
	VT	N/A	N/A	N/A
<b>Region 1 Subtotal</b>		<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
02	NJ	63%	91%	86%
	NY	N/A	N/A	N/A
	PR <sup>1</sup>	DNA	DNA	DNA
	VI	91%	100%	N/A
<b>Region 2 Subtotal</b>		<b>63%</b>	<b>91%</b>	<b>86%</b>
03	DC	N/A	N/A	N/A
	DE	N/A	N/A	N/A
	MD	N/A	N/A	N/A
	PA	N/A	N/A	N/A
	VA	N/A	N/A	N/A
	WV	89%	85%	72%
<b>Region 3 Subtotal</b>		<b>89%</b>	<b>85%</b>	<b>72%</b>
04	AL	97%	N/A	50%
	FL	91%	93%	92%
	GA	N/A	N/A	N/A
	KY	N/A	N/A	N/A
	MS	N/A	N/A	N/A
	NC	59%	90%	65%
	SC	98%	93%	N/A
	TN	89%	100%	N/A
<b>Region 4 Subtotal</b>		<b>84%</b>	<b>94%</b>	<b>71%</b>
05	IL <sup>1</sup>	DNA	DNA	DNA
	IN	N/A	N/A	N/A
	MI <sup>1</sup>	DNA	DNA	DNA
	MN	N/A	N/A	N/A
	OH	93%	94%	65%
	WI	N/A	N/A	N/A
<b>Region 5 Subtotal</b>		<b>93%</b>	<b>94%</b>	<b>65%</b>
06	AR	N/A	N/A	N/A
	LA	N/A	N/A	N/A
	NM	N/A	N/A	N/A
	OK	90%	100%	56%
	TX	N/A	N/A	N/A
<b>Region 6 Subtotal</b>		<b>90%</b>	<b>100%</b>	<b>56%</b>
07	IA	N/A	N/A	N/A
	KS	N/A	N/A	N/A
	MO	N/A	98%	N/A
	NE	N/A	N/A	N/A
<b>Region 7 Subtotal</b>		<b>N/A</b>	<b>98%</b>	<b>N/A</b>

UST Additional Compliance Measures for Mid-Year FY 2019  
(October 1, 2018 - March 31, 2019)

Region	State	% in Compliance with A and B Operator Training Requirements	% in Compliance with Financial Responsibility Requirements <sup>2</sup>	% in Compliance with 2015 Walk Through Requirements
08	CO	94%	96%	N/A
	MT	N/A	N/A	N/A
	ND	N/A	N/A	N/A
	SD	N/A	N/A	N/A
	UT	95%	99%	93%
	WY	99%	98%	96%
<b>Region 8 Subtotal</b>		<b>95%</b>	<b>97%</b>	<b>94%</b>
09	AS <sup>1</sup>	DNA	DNA	DNA
	AZ	N/A	N/A	N/A
	CA	90%	80%	87%
	CNMI <sup>1</sup>	DNA	DNA	DNA
	GU	100%	100%	100%
	HI	N/A	N/A	N/A
	NV	95%	86%	37%
<b>Region 9 Subtotal</b>		<b>90%</b>	<b>80%</b>	<b>82%</b>
10	AK	85%	94%	67%
	ID	97%	96%	88%
	OR	N/A	N/A	N/A
	WA	91%	95%	N/A
<b>Region 10 Subtotal</b>		<b>92%</b>	<b>95%</b>	<b>84%</b>
<b>Indian Country Data</b>				
Region 1 <sup>1</sup>		DNA	DNA	DNA
Region 2 <sup>1</sup>		DNA	DNA	DNA
Region 4		100 %	100 %	100 %
Region 5		94 %	100 %	88 %
Region 6		94 %	100 %	100 %
Region 7 <sup>1</sup>		DNA	DNA	DNA
Region 8 <sup>1</sup>		DNA	DNA	DNA
Region 9		30 %	60 %	30 %
Region 10		50 %	100 %	75 %
<b>Indian Country Total</b>		<b>66 %</b>	<b>87 %</b>	<b>70 %</b>
<b>National Data</b>				
<b>National</b>		<b>86.3 %</b>	<b>91.3 %</b>	<b>74.5 %</b>

<sup>1</sup>DNA = Data Not Available. States/Regions (Indian country) that have passed the compliance dates for their updated regulations must begin reporting the additional compliance measures. However, AS, CNMI and EPA Regions had not conducted inspections and had no compliance data to report for Mid Year 2019. The remaining states with DNA are working to update their reporting systems.

<sup>2</sup>Financial responsibility requirements apply to petroleum USTs only, not hazardous substance tank systems.

Note: there are no tribal USTs in EPA Region 3.

LUST Corrective Action Measures for MY FY 2019  
(Cumulative through March 31, 2019)

Region	State	Confirmed Releases Actions This Period	Confirmed Releases Cumulative	Cleanups Initiated	Cleanups Completed Actions This Period	Cleanups Completed Cumulative	Cleanups Backlog
<b>State Data by Region</b>							
01	CT	44	3,523	3,428	48	2,498	1,025
	MA	18	6,644	6,597	38	6,171	473
	ME	37	3,037	3,007	45	3,004	33
	NH	9	2,702	2,702	18	2,124	578
	RI	4	1,460	1,460	14	1,304	156
	VT	2	2,177	2,175	16	1,588	589
<b>Region 1 Subtotal</b>		<b>114</b>	<b>19,543</b>	<b>19,369</b>	<b>179</b>	<b>16,689</b>	<b>2,854</b>
02	NJ	116	17,884	15,545	198	12,641	5,243
	NY	55	30,229	30,180	106	29,364	865
	PR	4	1,084	845	0	528	556
	VI	1	38	38	4	34	4
<b>Region 2 Subtotal</b>		<b>176</b>	<b>49,235</b>	<b>46,608</b>	<b>308</b>	<b>42,567</b>	<b>6,668</b>
03	DC	7	976	961	2	878	98
	DE	18	2,921	2,883	24	2,856	65
	MD	103	12,663	12,489	68	12,477	186
	PA	119	17,672	17,622	170	16,028	1,644
	VA	66	12,537	12,426	67	12,270	267
	WV	25	3,730	3,639	43	3,220	510
<b>Region 3 Subtotal</b>		<b>338</b>	<b>50,499</b>	<b>50,020</b>	<b>374</b>	<b>47,729</b>	<b>2,770</b>
04	AL	26	12,156	12,037	44	11,182	974
	FL	53	27,482	21,657	330	18,427	9,055
	GA	109	14,507	14,359	155	13,651	856
	KY	37	17,084	17,071	31	16,444	640
	MS	63	8,168	7,936	59	7,687	481
	NC	71	26,730	24,239	377	23,332	3,398
	SC	65	10,276	10,030	51	7,987	2,289
	TN	93	15,566	15,565	102	15,435	131
<b>Region 4 Subtotal</b>		<b>517</b>	<b>131,969</b>	<b>122,894</b>	<b>1,149</b>	<b>114,145</b>	<b>17,824</b>
05	IL	217	25,705	24,732	274	20,335	5,370
	IN	61	10,291	10,051	112	8,956	1,335
	MI	97	23,418	22,926	80	15,317	8,101
	MN	59	11,987	11,902	83	11,880	107
	OH	230	32,480	31,846	244	30,607	1,873
	WI	31	19,666	19,466	62	18,845	821
<b>Region 5 Subtotal</b>		<b>695</b>	<b>123,547</b>	<b>120,923</b>	<b>855</b>	<b>105,940</b>	<b>17,607</b>
06	AR	10	1,373	1,360	10	1,288	85
	LA	47	5,582	5,582	67	4,966	616
	NM	6	2,668	2,370	6	1,840	828
	OK	53	5,526	5,525	54	5,137	389
	TX	112	28,317	27,549	154	27,035	1,282
<b>Region 6 Subtotal</b>		<b>228</b>	<b>43,466</b>	<b>42,386</b>	<b>291</b>	<b>40,266</b>	<b>3,200</b>



LUST Corrective Action Measures for MY FY 2019  
(Cumulative through March 31, 2019)

Region	State	Confirmed Releases Actions This Period	Confirmed Releases Cumulative	Cleanups Initiated	Cleanups Completed Actions This Period	Cleanups Completed Cumulative	Cleanups Backlog
07	IA	20	6,271	6,147	45	5,785	486
	KS	24	5,339	5,254	29	4,030	1,309
	MO	35	7,317	7,309	75	6,632	685
	NE	24	6,643	6,027	230	5,845	798
<b>Region 7 Subtotal</b>		<b>103</b>	<b>25,570</b>	<b>24,737</b>	<b>379</b>	<b>22,292</b>	<b>3,278</b>
08	CO	86	8,797	8,371	125	8,351	446
	MT	7	3,090	2,981	12	2,401	689
	ND	0	896	874	1	861	35
	SD	17	2,835	2,688	20	2,713	122
	UT	19	5,132	5,087	39	4,868	264
	WY	1	2,736	2,719	23	2,072	664
<b>Region 8 Subtotal</b>		<b>130</b>	<b>23,486</b>	<b>22,720</b>	<b>220</b>	<b>21,266</b>	<b>2,220</b>
09	AS	0	8	8	0	8	0
	AZ	41	9,157	8,350	93	8,694	463
	CA	24	44,391	43,447	195	41,410	2,981
	CNMI	0	15	15	0	14	1
	GU	2	145	145	1	128	17
	HI	4	2,157	2,111	8	2,037	120
	NV	10	2,588	2,588	8	2,459	129
<b>Region 9 Subtotal</b>		<b>81</b>	<b>58,461</b>	<b>56,664</b>	<b>305</b>	<b>54,750</b>	<b>3,711</b>
10	AK	9	2,495	2,444	12	2,198	297
	ID	5	1,531	1,505	7	1,473	58
	OR	22	7,673	7,471	34	6,872	801
	WA	19	7,000	6,756	21	4,429	2,571
<b>Region 10 Subtotal</b>		<b>55</b>	<b>18,699</b>	<b>18,176</b>	<b>74</b>	<b>14,972</b>	<b>3,727</b>
<b>Indian Country Data</b>							
Region 1		0	1	1	0	1	0
Region 2		0	7	7	0	7	0
Region 4		0	16	16	0	10	6
Region 5		1	256	231	0	184	72
Region 6		1	83	83	0	67	16
Region 7		0	22	22	0	15	7
Region 8		1	515	505	5	439	76
Region 9		1	304	300	2	257	47
Region 10		1	197	196	0	187	10
<b>Indian Country Subtotal</b>		<b>5</b>	<b>1,401</b>	<b>1,361</b>	<b>7</b>	<b>1,167</b>	<b>234</b>
<b>National Data</b>							
<b>National Total</b>		<b>2,442</b>	<b>545,876</b>	<b>525,858</b>	<b>4,141</b>	<b>481,783</b>	<b>64,093</b>

Definition of confirmed releases, cleanups initiated, and cleanups completed are on EPA's website at [https://www.epa.gov/sites/production/files/2018-04/documents/revise-ust-lust-perf-meas-defs\\_4-10-18.pdf](https://www.epa.gov/sites/production/files/2018-04/documents/revise-ust-lust-perf-meas-defs_4-10-18.pdf)

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

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

## UST National Backlog: FY 1989 Through Mid-Year FY 2019

