

**Semiannual Report Of UST Performance Measures
Mid Fiscal Year 2020 (October 1, 2019 – March 31, 2020)**

How is the underground storage tank (UST) program performing at mid fiscal year (FY) 2020*?

| 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 March 2020) | 541,532 active USTs at approximately 193,000 facilities |
| UST Inspections (page 3) | |
| On-site inspections at federally-regulated UST facilities (between October 2019 and March 2020) | 36,413 total |
| UST Technical Compliance Measure (page 4) | |
| Technical compliance rate (TCR) (between April 2019 and March 2020) | 45.6% |
| UST Significant Operational Compliance Measure (page 8) | |
| Significant operational compliance (SOC) rate (between April 2019 and March 2020) | 69.4% |
| UST Additional Compliance Measures (page 12) (between April 2019 and March 2020) | |
| Class A and B operator training requirements | 89.4% |
| Financial responsibility requirements | 88.1% |
| Walk through requirements | 77.2% |
| LUST Corrective Action Measures (page 14) | |
| Confirmed releases (between October 2019 and March 2020) | 2,365 (includes 2 in Indian country) • cumulative since 1984 inception of the program = 557,644 |
| Cleanups completed (between October 2019 and March 2020) | 3,556 (includes 3 in Indian country) • cumulative since 1984 inception of the program = 493,967 |
| Releases remaining to be cleaned up (as of March 2020) | 63,677 |

*Note that Massachusetts, Puerto Rico, Virgin Islands, and Commonwealth of Northern Mariana Islands were unable to report mid FY 2020 data due to COVID-19 stay-at-home orders. For these states and territories, cumulative values on the tables attached to this cover sheet display data as of end of FY 2019. National performance measures above also reflect this.

Why are some states reporting significant operational compliance (SOC) and others are reporting technical compliance rate (TCR)?

Through October 2021, states, territories, and the District of Columbia (hereafter referred to as 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. In October 2018, EPA updated our existing compliance performance measures and added new measures. Reporting 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.

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, 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 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.

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 Tank Systems
(Cumulative through March 31, 2020)

| 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 | | | | | | | |
| 01 | CT | 5,608 | 28,824 | 13 | 821 | 5,621 | 29,645 |
| | MA ¹ | 8,444 | 27,407 | 77 | 736 | 8,521 | 28,143 |
| | ME | 2,182 | 14,322 | 0 | 170 | 2,182 | 14,492 |
| | NH | 2,212 | 12,616 | 14 | 156 | 2,226 | 12,772 |
| | RI | 1,140 | 9,052 | 1 | 272 | 1,141 | 9,324 |
| | VT | 1,696 | 6,537 | 0 | 58 | 1,696 | 6,595 |
| Region 1 Subtotal | | 21,282 | 98,758 | 105 | 2,213 | 21,387 | 100,971 |
| 02 | NJ | 12,791 | 62,813 | 350 | 5,072 | 13,141 | 67,885 |
| | NY | 22,161 | 110,391 | 319 | 1,249 | 22,480 | 111,640 |
| | PR ¹ | 4,462 | 5,858 | 1 | 148 | 4,463 | 6,006 |
| | VI ¹ | 130 | 293 | 0 | 0 | 130 | 293 |
| Region 2 Subtotal | | 39,544 | 179,355 | 670 | 6,469 | 40,214 | 185,824 |
| 03 | DC | 575 | 3,533 | 2 | 111 | 577 | 3,644 |
| | DE | 1,145 | 7,652 | 2 | 93 | 1,147 | 7,745 |
| | MD | 6,972 | 37,414 | 7 | 270 | 6,979 | 37,684 |
| | PA | 21,668 | 69,010 | 62 | 2,456 | 21,730 | 71,466 |
| | VA | 17,883 | 63,933 | 22 | 895 | 17,905 | 64,828 |
| | WV | 4,034 | 21,727 | 4 | 182 | 4,038 | 21,909 |
| Region 3 Subtotal | | 52,277 | 203,269 | 99 | 4,007 | 52,376 | 207,276 |
| 04 | AL | 16,271 | 31,346 | 13 | 175 | 16,284 | 31,521 |
| | FL | 22,743 | 113,687 | 19 | 176 | 22,762 | 113,863 |
| | GA | 29,242 | 52,655 | 36 | 330 | 29,278 | 52,985 |
| | KY | 9,359 | 41,379 | 25 | 333 | 9,384 | 41,712 |
| | MS | 8,002 | 24,319 | 13 | 42 | 8,015 | 24,361 |
| | NC | 24,069 | 72,517 | 30 | 1,273 | 24,099 | 73,790 |
| | SC | 11,212 | 34,533 | 14 | 345 | 11,226 | 34,878 |
| | TN | 16,186 | 41,630 | 14 | 423 | 16,200 | 42,053 |
| Region 4 Subtotal | | 137,084 | 412,066 | 164 | 3,097 | 137,248 | 415,163 |
| 05 | IL | 18,367 | 63,918 | 208 | 2,062 | 18,575 | 65,980 |
| | IN | 13,242 | 43,878 | 34 | 692 | 13,276 | 44,570 |
| | MI ² | 17,709 | 72,543 | 0 | 0 | 17,709 | 72,543 |
| | MN | 12,619 | 34,195 | 45 | 409 | 12,664 | 34,604 |
| | OH | 20,967 | 53,345 | 98 | 632 | 21,065 | 53,977 |
| | WI | 13,498 | 71,430 | 69 | 842 | 13,567 | 72,272 |
| Region 5 Subtotal | | 96,402 | 339,309 | 454 | 4,637 | 96,856 | 343,946 |
| 06 | AR | 8,576 | 22,179 | 0 | 42 | 8,576 | 22,221 |
| | LA | 10,361 | 36,732 | 16 | 14 | 10,377 | 36,746 |
| | NM | 3,077 | 13,858 | 2 | 118 | 3,079 | 13,976 |
| | OK ² | 8,167 | 30,349 | 0 | 0 | 8,167 | 30,349 |
| | TX | 48,120 | 126,659 | 61 | 475 | 48,181 | 127,134 |
| Region 6 Subtotal | | 78,301 | 229,777 | 79 | 649 | 78,380 | 230,426 |

UST Universe - Petroleum and Hazardous Substance Tank Systems
(Cumulative through March 31, 2020)

| 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 |
|--------------------------------|-------------------|--|--|--|--|--------------------------|--------------------------|
| 07 | IA | 6,447 | 24,234 | 24 | 172 | 6,471 | 24,406 |
| | KS | 6,356 | 21,800 | 8 | 50 | 6,364 | 21,850 |
| | MO | 8,569 | 33,297 | 15 | 392 | 8,584 | 33,689 |
| | NE | 6,280 | 15,636 | 2 | 34 | 6,282 | 15,670 |
| Region 7 Subtotal | | 27,652 | 94,967 | 49 | 648 | 27,701 | 95,615 |
| 08 | CO | 7,033 | 24,062 | 10 | 299 | 7,043 | 24,361 |
| | MT | 2,635 | 11,608 | 5 | 96 | 2,640 | 11,704 |
| | ND | 2,224 | 7,751 | 0 | 41 | 2,224 | 7,792 |
| | SD | 3,029 | 7,371 | 40 | 479 | 3,069 | 7,850 |
| | UT | 3,631 | 14,230 | 0 | 101 | 3,631 | 14,331 |
| | WY | 1,597 | 8,616 | 6 | 23 | 1,603 | 8,639 |
| Region 8 Subtotal | | 20,149 | 73,638 | 61 | 1,039 | 20,210 | 74,677 |
| 09 | AS | 3 | 65 | 0 | 0 | 3 | 65 |
| | AZ | 5,818 | 23,107 | 6 | 94 | 5,824 | 23,201 |
| | CA | 35,912 | 135,445 | 1,584 | 22,220 | 37,496 | 157,665 |
| | CNMI ¹ | 64 | 72 | 0 | 0 | 64 | 72 |
| | GU | 242 | 506 | 2 | 0 | 244 | 506 |
| | HI | 1,363 | 5,673 | 0 | 21 | 1,363 | 5,694 |
| | NV | 3,886 | 7,883 | 14 | 29 | 3,900 | 7,912 |
| Region 9 Subtotal | | 47,288 | 172,751 | 1,606 | 22,364 | 48,894 | 195,115 |
| 10 | AK | 896 | 6,919 | 1 | 22 | 897 | 6,941 |
| | ID | 2,978 | 11,522 | 5 | 34 | 2,983 | 11,556 |
| | OR | 5,396 | 26,984 | 9 | 153 | 5,405 | 27,137 |
| | WA | 9,846 | 37,940 | 182 | 632 | 10,028 | 38,572 |
| Region 10 Subtotal | | 19,116 | 83,365 | 197 | 841 | 19,313 | 84,206 |
| Indian Country Data | | | | | | | |
| Region 1 | | 13 | 6 | 0 | 0 | 13 | 6 |
| Region 2 ¹ | | 166 | 54 | 0 | 0 | 166 | 54 |
| Region 4 | | 64 | 77 | 0 | 0 | 64 | 77 |
| Region 5 | | 416 | 1,085 | 3 | 3 | 419 | 1,088 |
| Region 6 | | 297 | 323 | 0 | 0 | 297 | 323 |
| Region 7 | | 77 | 99 | 0 | 0 | 77 | 99 |
| Region 8 | | 471 | 1,916 | 0 | 11 | 471 | 1,927 |
| Region 9 | | 584 | 1,491 | 0 | 3 | 584 | 1,494 |
| Region 10 | | 349 | 1,183 | 0 | 23 | 349 | 1,206 |
| Indian Country SubTotal | | 2,437 | 6,234 | 3 | 40 | 2,440 | 6,274 |
| National Data | | | | | | | |
| National Total | | 541,532 | 1,893,489 | 3,487 | 46,004 | 546,000 | 1,939,493 |

¹MA, PR, VI and CNMI were unable to report Mid-Year FY 2020 data due to COVID-19 Stay-at-Home orders. Similarly, EPA Region 2 was unable to get universe data from the tribes. For these states, territories, and Indian country, cumulative values display data as of End-of-Year FY 2019.

²DNA = Data Not Available. MI was unable to report closed hazardous substance UST data for Mid-Year FY 2020. 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 systems minus the number of reported closed UST systems.

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

UST Inspections for Mid-Year FY2020
(October 1, 2019 - March 31, 2020)

| Region | State | Number of On-Site Inspections Conducted |
|-----------------------------|--------------------------|---|
| State Data by Region | | |
| 01 | CT | 503 |
| | MA ¹ | DNA |
| | ME | 391 |
| | NH | 79 |
| | RI | 83 |
| | VT | 59 |
| | Region 1 Subtotal | 1,115 |
| 02 | NJ | 537 |
| | NY | 1,003 |
| | PR ¹ | DNA |
| | VI ¹ | DNA |
| Region 2 Subtotal | 1,540 | |
| 03 | DC | 43 |
| | DE | 53 |
| | MD | 387 |
| | PA | 1,225 |
| | VA | 610 |
| | WV | 212 |
| Region 3 Subtotal | 2,530 | |
| 04 | AL | 861 |
| | FL | 1,967 |
| | GA | 1,278 |
| | KY | 835 |
| | MS | 389 |
| | NC | 1,456 |
| | SC | 1,412 |
| | TN | 779 |
| Region 4 Subtotal | 8,977 | |
| 05 | IL | 1,895 |
| | IN | 409 |
| | MI | 1,021 |
| | MN | 261 |
| | OH | 836 |
| | WI | 958 |
| Region 5 Subtotal | 5,380 | |
| 06 | AR | 590 |
| | LA | 661 |
| | NM | 182 |
| | OK | 1,123 |
| | TX | 2,924 |
| Region 6 Subtotal | 5,480 | |
| 07 | IA | 205 |
| | KS | 481 |
| | MO | 1,002 |
| | NE | 389 |
| Region 7 Subtotal | 2,077 | |

| Region | State | Number of On-Site Inspections Conducted |
|--------------------------------|-------------------|---|
| 08 | CO | 587 |
| | MT | 114 |
| | ND | 7 |
| | SD | 231 |
| | UT | 281 |
| | WY | 124 |
| Region 8 Subtotal | 1,344 | |
| 09 | AS | 3 |
| | AZ | 407 |
| | CA | 6,141 |
| | CNMI ¹ | DNA |
| | GU | 2 |
| | HI | 122 |
| | NV | 238 |
| Region 9 Subtotal | 6,913 | |
| 10 | AK | 46 |
| | ID | 155 |
| | OR | 234 |
| | WA | 588 |
| Region 10 Subtotal | 1,023 | |
| Indian Country Data | | |
| Region 1 | | 0 |
| Region 2 ¹ | | DNA |
| Region 4 | | 0 |
| Region 5 | | 14 |
| Region 6 | | 16 |
| Region 7 | | 0 |
| Region 8 | | 1 |
| Region 9 | | 1 |
| Region 10 | | 2 |
| Indian Country Subtotal | | 34 |
| National Data | | |
| National Total | | 36,413 |

¹DNA= Data Not Available. MA, PR, VI and CNMI were unable to report Mid-Year FY 2020 data due to COVID-19 Stay-at-Home orders. Similarly, EPA Region 2 was unable to get inspections Mid-Year FY 2020 data from the tribes.

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

UST Technical Compliance Rate Measures for Mid-Year FY2020
(April 1, 2019 - March 31, 2020)

| 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) |
|-----------------------------|-----------------|---|--|---|--|---|
| State Data by Region | | | | | | |
| 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 |
| Region 1 Subtotal | | N/A | N/A | N/A | N/A | N/A |
| 02 | NJ | 99% | 96% | 97% | 88% | 84% |
| | NY | N/A | N/A | N/A | N/A | N/A |
| | PR ¹ | DNA | DNA | DNA | DNA | DNA |
| | VI | N/A | N/A | N/A | N/A | N/A |
| Region 2 Subtotal | | 99% | 96% | 97% | 88% | 84% |
| 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 | 78% | 76% | 94% | 69% | 56% |
| Region 3 Subtotal | | 78% | 76% | 94% | 69% | 56% |
| 04 | AL | N/A | N/A | N/A | N/A | N/A |
| | FL ² | 66% | 72% | 99% | 64% | 51% |
| | GA | N/A | N/A | N/A | N/A | N/A |
| | KY | 60% | 50% | 85% | 75% | 40% |
| | MS | N/A | N/A | N/A | N/A | N/A |
| | NC | 67% | 70% | 87% | 63% | 45% |
| | SC | N/A | N/A | N/A | N/A | N/A |
| | TN | N/A | N/A | N/A | N/A | N/A |
| Region 4 Subtotal | | 65% | 67% | 92% | 65% | 47% |
| 05 | IL | 69% | 64% | 91% | 30% | 25% |
| | IN | N/A | N/A | N/A | N/A | N/A |
| | MI ² | 5% | 5% | 24% | 4% | 4% |
| | MN | N/A | N/A | N/A | N/A | N/A |
| | OH | 56% | 54% | 91% | 59% | 46% |
| | WI ¹ | DNA | DNA | DNA | DNA | DNA |
| Region 5 Subtotal | | 44% | 42% | 70% | 33% | 26% |
| 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 | 74% | 73% | 83% | 53% | 42% |
| | TX | N/A | N/A | N/A | N/A | N/A |
| Region 6 Subtotal | | 74% | 73% | 83% | 53% | 42% |
| 07 | IA | N/A | N/A | N/A | N/A | N/A |
| | KS | N/A | N/A | N/A | N/A | N/A |
| | MO | 93% | 98% | 85% | 97% | 75% |
| | NE | N/A | N/A | N/A | N/A | N/A |
| Region 7 Subtotal | | 93% | 98% | 85% | 97% | 75% |

UST Technical Compliance Rate Measures for Mid-Year FY2020
(April 1, 2019 - March 31, 2020)

| 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 | 97% | 95% | 100% | 98% | 92% |
| | 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 | 81% | 71% | 95% | 65% | 56% |
| | WY | 97% | 97% | 98% | 95% | 87% |
| Region 8 Subtotal | | 92% | 88% | 98% | 88% | 81% |
| 09 | AS ¹ | DNA | DNA | DNA | DNA | DNA |
| | AZ | 70% | 85% | 90% | 67% | 61% |
| | CA ² | 83% | 66% | 99% | 69% | 43% |
| | CNMI ¹ | DNA | DNA | DNA | DNA | DNA |
| | GU | 92% | 100% | 100% | 64% | 64% |
| | HI | N/A | N/A | N/A | N/A | N/A |
| | NV | 57% | 39% | 97% | 23% | 11% |
| Region 9 Subtotal | | 79% | 66% | 97% | 65% | 43% |
| 10 | AK | 78% | 77% | 90% | 75% | 74% |
| | ID | N/A | N/A | N/A | N/A | N/A |
| | OR | N/A | N/A | N/A | N/A | N/A |
| | WA | N/A | N/A | N/A | N/A | N/A |
| Region 10 Subtotal | | 78% | 77% | 90% | 75% | 74% |
| Indian Country Data | | | | | | |
| Region 1 | | 25% | 25% | 100% | 25% | 0% |
| Region 2 | | 40% | 40% | 69% | 38% | 33% |
| Region 4 ¹ | | DNA | DNA | DNA | DNA | DNA |
| Region 5 | | 67% | 65% | 86% | 65% | 41% |
| Region 6 | | 78% | 85% | 91% | 70% | 57% |
| Region 7 | | 75% | 63% | 75% | 38% | 25% |
| Region 8 | | 20% | 20% | 76% | 67% | 13% |
| Region 9 | | 43% | 48% | 92% | 87% | 24% |
| Region 10 | | 33% | 48% | 92% | 56% | 20% |
| Indian Country Subtotal | | 46% | 50% | 86% | 67% | 29% |
| National Data | | | | | | |
| National Total | | 67.9% | 64.5% | 87.0% | 59.9% | 45.6% |

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.

¹DNA = Data Not Available. States/Regions (Indian country) that have passed the compliance dates for their updated regulations must begin reporting TCR. AS and WI are working to update their reporting systems to fully report TCR. PR and CNMI were not able to report TCR at Mid-Year FY 2020 due to COVID-19 Stay-at-Home orders. EPA Region 4 has not conducted inspections in Indian country within the last twelve months and has no compliance data to report for Mid-Year FY 2020.

²States 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.

MICHIGAN

- Michigan measures compliance against the full state regulation not only the TCR measures. Records must be on-site to be in compliance with Michigan's regulation.

UST Significant Operational Compliance Measures for Mid-Year FY 2020
(April 1, 2019 - March 31, 2020)

| Region | State | % in Significant Operational Compliance with Release Prevention Regulations | % in Significant Operational Compliance with Release Detection Regulations | % of UST Facilities in SOC w/UST Release Detection and Release Prevention |
|-----------------------------|-----------------|---|--|---|
| State Data by Region | | | | |
| 01 | CT ¹ | 93% | 93% | 88% |
| | MA ² | DNA | DNA | DNA |
| | ME | 86% | 80% | 74% |
| | NH | 59% | 50% | 36% |
| | RI ¹ | 84% | 66% | 63% |
| | VT ¹ | 88% | 85% | 84% |
| Region 1 Subtotal | | 84% | 80% | 74% |
| 02 | NJ | N/A | N/A | N/A |
| | NY | 80% | 70% | 65% |
| | PR | N/A | N/A | N/A |
| | VI ² | DNA | DNA | DNA |
| Region 2 Subtotal | | 80% | 70% | 65% |
| 03 | DC | 96% | 90% | 88% |
| | DE | 96% | 96% | 93% |
| | MD | 86% | 89% | 79% |
| | PA | 75% | 79% | 62% |
| | VA | 84% | 73% | 66% |
| | WV | N/A | N/A | N/A |
| Region 03 Subtotal | | 81% | 79% | 67% |
| 04 | AL | 57% | 54% | 40% |
| | FL | N/A | N/A | N/A |
| | GA | 70% | 65% | 55% |
| | KY | N/A | N/A | N/A |
| | MS | 83% | 77% | 68% |
| | NC | N/A | N/A | N/A |
| | SC | 82% | 76% | 65% |
| | TN | 94% | 86% | 77% |
| Region 4 Subtotal | | 75% | 69% | 59% |
| 05 | IL | N/A | N/A | N/A |
| | IN | 86% | 80% | 78% |
| | MI | N/A | N/A | N/A |
| | MN | 86% | 86% | 83% |
| | OH | N/A | N/A | N/A |
| | WI | N/A | N/A | N/A |
| Region 5 Subtotal | | 86% | 83% | 81% |
| 06 | AR | 62% | 73% | 52% |
| | LA | 87% | 80% | 73% |
| | NM | 91% | 91% | 79% |
| | OK | N/A | N/A | N/A |
| | TX ¹ | 94% | 92% | 90% |
| Region 6 Subtotal | | 89% | 88% | 82% |
| 07 | IA | 86% | 67% | 59% |
| | KS | 58% | 86% | 51% |
| | MO | N/A | N/A | N/A |
| | NE ¹ | 82% | 70% | 63% |
| Region 7 Subtotal | | 75% | 74% | 58% |

UST Significant Operational Compliance Measures for Mid-Year FY 2020
(April 1, 2019 - March 31, 2020)

| Region | State | % in Significant Operational Compliance with Release Prevention Regulations | % in Significant Operational Compliance with Release Detection Regulations | % of UST Facilities in SOC w/UST Release Detection and Release Prevention |
|---------------------------|-----------------|---|--|---|
| 08 | CO | N/A | N/A | N/A |
| | MT | 87% | 86% | 76% |
| | ND | 90% | 89% | 84% |
| | SD | 78% | 80% | 66% |
| | UT | N/A | N/A | N/A |
| | WY | N/A | N/A | N/A |
| Region 8 Subtotal | | 85% | 84% | 74% |
| 09 | AS | N/A | N/A | N/A |
| | AZ | N/A | N/A | N/A |
| | CA | N/A | N/A | N/A |
| | CNMI | N/A | N/A | N/A |
| | GU | N/A | N/A | N/A |
| | HI | 92% | 89% | 78% |
| | NV | N/A | N/A | N/A |
| Region 9 Subtotal | | 92% | 89% | 78% |
| 10 | AK | N/A | N/A | N/A |
| | ID ¹ | 81% | 78% | 41% |
| | OR | 90% | 84% | 77% |
| | WA | 95% | 82% | 75% |
| Region 10 Subtotal | | 91% | 82% | 70% |
| National Data | | | | |
| National Total | | 82.0% | 78.2% | 69.4% |

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.

¹States 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.

²DNA = Data Not Available. MA and VI were not able to report SOC at Mid-Year FY 2020 due to COVID-19 Stay-at-Home orders.

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.

IDAHO

- Idaho measures compliance against the full state regulation not the SOC measures.

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.

UST Additional Compliance Measures for Mid-Year FY2020
(April 1, 2019 - March 31, 2020)

| Region | State | % in Compliance with A and B Operator Training Requirements | % in Compliance with Financial Responsibility Requirements ¹ | % in Compliance with 2015 Walk Through Requirements |
|-----------------------------|-----------------|---|---|---|
| State Data by Region | | | | |
| 01 | CT | 94% | 96% | 96% |
| | 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 |
| Region 1 Subtotal | | 94% | 96% | 96% |
| 02 | NJ | 96% | 92% | 93% |
| | NY | N/A | N/A | N/A |
| | PR ² | DNA | DNA | DNA |
| | VI | N/A | N/A | N/A |
| Region 2 Subtotal | | 96% | 92% | 93% |
| 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 | 94% | 89% | 77% |
| Region 3 Subtotal | | 94% | 89% | 77% |
| 04 | AL | 99% | N/A | 47% |
| | FL | 87% | 92% | 90% |
| | GA | N/A | N/A | N/A |
| | KY | 83% | 100% | 70% |
| | MS | N/A | N/A | N/A |
| | NC | 63% | 95% | 74% |
| | SC | 99% | 95% | N/A |
| | TN | 91% | 100% | N/A |
| Region 4 Subtotal | | 85% | 96% | 72% |
| 05 | IL | 87% | 87% | 56% |
| | IN | N/A | N/A | N/A |
| | MI | 97% | 96% | 87% |
| | MN | N/A | N/A | N/A |
| | OH | 94% | 92% | 62% |
| | WI | 96% | DNA | 96% |
| Region 5 Subtotal | | 93% | 74% | 73% |
| 06 | AR | N/A | N/A | N/A |
| | LA | N/A | N/A | N/A |
| | NM | N/A | N/A | N/A |
| | OK | 94% | 100% | 67% |
| | TX | N/A | N/A | N/A |
| Region 6 Subtotal | | 94% | 100% | 67% |
| 07 | IA | N/A | N/A | N/A |
| | KS | N/A | N/A | N/A |
| | MO | 98% | 98% | 100% |
| | NE | N/A | N/A | N/A |
| Region 7 Subtotal | | 98% | 98% | 100% |

UST Additional Compliance Measures for Mid-Year FY2020
(April 1, 2019 - March 31, 2020)

| Region | State | % in Compliance with A and B Operator Training Requirements | % in Compliance with Financial Responsibility Requirements ¹ | % in Compliance with 2015 Walk Through Requirements |
|--------------------------------|-------------------|---|---|---|
| 08 | CO | 96% | 95% | 98% |
| | MT | N/A | N/A | N/A |
| | ND | N/A | N/A | N/A |
| | SD | N/A | N/A | N/A |
| | UT | 95% | 99% | 91% |
| | WY | 100% | 100% | 87% |
| Region 8 Subtotal | | 96% | 97% | 95% |
| 09 | AS ² | DNA | DNA | DNA |
| | AZ | 87% | 91% | 85% |
| | CA | 87% | 83% | 80% |
| | CNMI ² | DNA | DNA | DNA |
| | GU | 100% | 100% | 57% |
| | HI | N/A | N/A | N/A |
| | NV | 92% | 94% | 31% |
| Region 9 Subtotal | | 87% | 85% | 76% |
| 10 | AK | 93% | 94% | 72% |
| | ID | 96% | 99% | 63% |
| | OR | N/A | N/A | N/A |
| | WA | 90% | 96% | 92% |
| Region 10 Subtotal | | 91% | 97% | 84% |
| Indian Country Data | | | | |
| Region 1 | | 75 % | 100 % | 100 % |
| Region 2 | | 53 % | 84 % | 38 % |
| Region 4 ² | | DNA | DNA | DNA |
| Region 5 | | 77 % | 89 % | 65 % |
| Region 6 | | 87 % | 87 % | 96 % |
| Region 7 | | 75 % | 63 % | 50 % |
| Region 8 | | 50 % | 93 % | 30 % |
| Region 9 | | 77 % | 85 % | 67 % |
| Region 10 | | 75 % | 84 % | 56 % |
| Indian Country Subtotal | | 71 % | 86 % | 59 % |
| National Data | | | | |
| National Total | | 89.4% | 88.1% | 77.2% |

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

²DNA = Data Not Available. States/Regions (Indian country) that have passed the compliance dates for their updated regulations must begin reporting the additional compliance measures. PR and CNMI were not able to report the additional compliance measures at Mid-Year FY 2020 due to COVID-19 Stay-at-Home orders. AS is working to update its reporting system but was unable to provide the data for Mid-Year FY 2020. EPA Region 4 has not conducted inspections in Indian country within the last twelve months and has no compliance data to report for Mid-Year FY 2020.

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

LUST Corrective Action Measures for Mid-Year FY2020
(Cumulative through March 31, 2020)

| Region | State | Confirmed Releases Actions This Period | Confirmed Releases Cumulative | Cleanups Initiated | Cleanups Completed Actions This Period | Cleanups Completed Cumulative | Cleanups Backlog |
|-----------------------------|-----------------|--|-------------------------------|--------------------|--|-------------------------------|------------------|
| State Data by Region | | | | | | | |
| 01 | CT | 47 | 3,620 | 3,542 | 30 | 2,572 | 1,048 |
| | MA ¹ | 12 | 6,677 | 6,639 | DNA | 6,219 | 458 |
| | ME | 29 | 3,110 | 3,074 | 30 | 3,079 | 31 |
| | NH | 5 | 2,718 | 2,715 | 15 | 2,153 | 565 |
| | RI | 5 | 1,476 | 1,476 | 9 | 1,323 | 153 |
| | VT | 4 | 2,183 | 2,181 | 16 | 1,613 | 570 |
| Region 1 Subtotal | | 102 | 19,784 | 19,627 | 100 | 16,959 | 2,825 |
| 02 | NJ | 117 | 18,127 | 15,955 | 172 | 13,061 | 5,066 |
| | NY | 41 | 30,354 | 30,305 | 87 | 29,568 | 786 |
| | PR ¹ | DNA | 1,084 | 846 | DNA | 533 | 551 |
| | VI ¹ | DNA | 38 | 38 | DNA | 34 | 4 |
| Region 2 Subtotal | | 158 | 49,603 | 47,144 | 259 | 43,196 | 6,407 |
| 03 | DC | 3 | 1,006 | 968 | 7 | 894 | 112 |
| | DE | 11 | 2,953 | 2,922 | 14 | 2,898 | 55 |
| | MD | 48 | 12,780 | 12,606 | 41 | 12,568 | 212 |
| | PA | 121 | 18,024 | 17,971 | 153 | 16,398 | 1,626 |
| | VA | 65 | 12,670 | 12,565 | 83 | 12,419 | 251 |
| | WV | 15 | 3,774 | 3,766 | 40 | 3,316 | 458 |
| Region 3 Subtotal | | 263 | 51,207 | 50,798 | 338 | 48,493 | 2,714 |
| 04 | AL | 23 | 12,203 | 12,093 | 26 | 11,275 | 928 |
| | FL | 63 | 33,742 | 32,437 | 316 | 23,731 | 10,011 |
| | GA | 105 | 14,716 | 14,570 | 119 | 13,902 | 814 |
| | KY | 56 | 17,212 | 17,203 | 66 | 16,610 | 602 |
| | MS | 58 | 8,286 | 8,060 | 84 | 7,824 | 462 |
| | NC | 62 | 27,049 | 24,549 | 268 | 24,025 | 3,024 |
| | SC | 41 | 10,383 | 10,135 | 59 | 8,122 | 2,261 |
| | TN | 64 | 15,729 | 15,729 | 75 | 15,612 | 117 |
| Region 4 Subtotal | | 472 | 139,320 | 134,776 | 1,013 | 121,101 | 18,219 |
| 05 | IL | 137 | 26,006 | 25,093 | 168 | 20,697 | 5,309 |
| | IN | 91 | 10,452 | 10,196 | 83 | 9,228 | 1,224 |
| | MI | 117 | 23,663 | 23,080 | 78 | 15,478 | 8,185 |
| | MN | 38 | 12,224 | 12,070 | 84 | 11,831 | 393 |
| | OH | 178 | 32,872 | 32,228 | 180 | 30,982 | 1,890 |
| | WI | 57 | 19,742 | 19,529 | 112 | 19,035 | 707 |
| Region 5 Subtotal | | 618 | 124,959 | 122,196 | 705 | 107,251 | 17,708 |
| 06 | AR | 8 | 1,389 | 1,381 | 28 | 1,300 | 89 |
| | LA | 54 | 5,744 | 5,744 | 75 | 5,137 | 607 |
| | NM | 12 | 2,691 | 2,382 | 6 | 1,849 | 842 |
| | OK | 46 | 5,623 | 5,623 | 47 | 5,252 | 371 |
| | TX | 129 | 28,555 | 27,816 | 129 | 27,310 | 1,245 |
| Region 6 Subtotal | | 249 | 44,002 | 42,946 | 285 | 40,848 | 3,154 |
| 07 | IA | 18 | 6,308 | 6,176 | 43 | 5,902 | 406 |
| | KS | 18 | 5,368 | 5,300 | 37 | 4,091 | 1,277 |
| | MO | 36 | 7,392 | 7,384 | 55 | 6,736 | 656 |
| | NE | 20 | 6,716 | 6,138 | 50 | 5,967 | 749 |
| Region 7 Subtotal | | 92 | 25,784 | 24,998 | 185 | 22,696 | 3,088 |

LUST Corrective Action Measures for Mid-Year FY2020
(Cumulative through March 31, 2020)

| Region | State | Confirmed Releases Actions This Period | Confirmed Releases Cumulative | Cleanups Initiated | Cleanups Completed Actions This Period | Cleanups Completed Cumulative | Cleanups Backlog |
|--------------------------------|-------------------|--|-------------------------------|--------------------|--|-------------------------------|------------------|
| 08 | CO | 163 | 9,175 | 8,654 | 207 | 8,654 | 521 |
| | MT | 11 | 3,120 | 3,011 | 15 | 2,442 | 678 |
| | ND | 2 | 900 | 877 | 2 | 864 | 36 |
| | SD | 9 | 2,872 | 2,733 | 26 | 2,758 | 114 |
| | UT | 43 | 5,196 | 5,123 | 27 | 4,922 | 274 |
| | WY | 1 | 2,808 | 2,798 | 27 | 2,193 | 615 |
| Region 8 Subtotal | | 229 | 24,071 | 23,196 | 304 | 21,833 | 2,238 |
| 09 | AS | 0 | 8 | 8 | 0 | 8 | 0 |
| | AZ | 44 | 9,247 | 9,112 | 62 | 8,812 | 435 |
| | CA | 29 | 44,514 | 43,689 | 184 | 41,802 | 2,712 |
| | CNMI ¹ | DNA | 15 | 15 | DNA | 14 | 1 |
| | GU | 0 | 145 | 145 | 2 | 132 | 13 |
| | HI | 9 | 2,169 | 2,133 | 7 | 2,066 | 103 |
| | NV | 27 | 2,628 | 2,628 | 16 | 2,494 | 134 |
| Region 9 Subtotal | | 109 | 58,726 | 57,730 | 271 | 55,328 | 3,398 |
| 10 | AK | 19 | 2,530 | 2,458 | 12 | 2,227 | 303 |
| | ID | 6 | 1,545 | 1,519 | 10 | 1,487 | 58 |
| | OR | 30 | 7,732 | 7,534 | 33 | 6,942 | 790 |
| | WA | 16 | 7,041 | 6,795 | 38 | 4,489 | 2,552 |
| Region 10 Subtotal | | 71 | 18,848 | 18,306 | 93 | 15,145 | 3,703 |
| Indian Country Data | | | | | | | |
| Region 1 | | 0 | 2 | 2 | 0 | 2 | 0 |
| Region 2 | | 0 | 7 | 7 | 0 | 7 | 0 |
| Region 4 | | 0 | 16 | 16 | 0 | 13 | 3 |
| Region 5 | | 0 | 252 | 225 | 0 | 184 | 68 |
| Region 6 | | 0 | 87 | 87 | 0 | 68 | 19 |
| Region 7 | | 0 | 24 | 24 | 0 | 16 | 8 |
| Region 8 | | 0 | 448 | 440 | 2 | 375 | 73 |
| Region 9 | | 1 | 305 | 300 | 0 | 261 | 44 |
| Region 10 | | 1 | 199 | 199 | 1 | 191 | 8 |
| Indian Country Subtotal | | 2 | 1,340 | 1,300 | 3 | 1,117 | 223 |
| National Data | | | | | | | |
| National Total | | 2,365 | 557,644 | 543,017 | 3,556 | 493,967 | 63,677 |

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/revised-ust-lust-perf-meas-defs_4-10-18.pdf.

¹DNA = Data Not Available. MA, PR, VI and CNMI were unable to report Mid-Year FY 2020 data due to COVID-19 Stay-at-Home orders. For these states and territories, cumulative values display data as of End-of-Year FY 2019.

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 USTs.

UST National Backlog: FY 1989 Through Mid-Year FY 2020

