



Department of
**Environment &
Conservation**

Underground Storage Tanks Update

Compliance, Cleanup and Redevelopment

Key Personnel Changes in the Division

- Mark Braswell is the new Deputy Director for the Field Offices
- Geina Skinner is the new Environmental Fellow for Corrective Action
- Holly Marlowe is the new Field Office Manager in Knoxville
- Mac Pointer is the new Field Office Manager in Cookeville
- Kate Harper left the Environmental Division in the Attorney General's office to join the UST Enforcement Section

Key Regulatory Changes in the Division

- New rules became effective on October 13, 2018 making Tennessee's rules no less stringent than EPA's
- A new State Program Approval (SPA) application was submitted to EPA on October 15, 2018 to comply with 68-215-102(b) by retaining primacy
- Region IV reviewed the SPA application, determined it was complete on November 5, 2018, and forwarded it to EPA OUST.
- OUST originally committed to a deadline of 180 days or until May 4, 2019 to review the SPA application and make a final determination, but it has now issued a new target date of October 1, 2019.

Underground Storage Tanks Program

TCA 68-215-102 – Legislative Intent

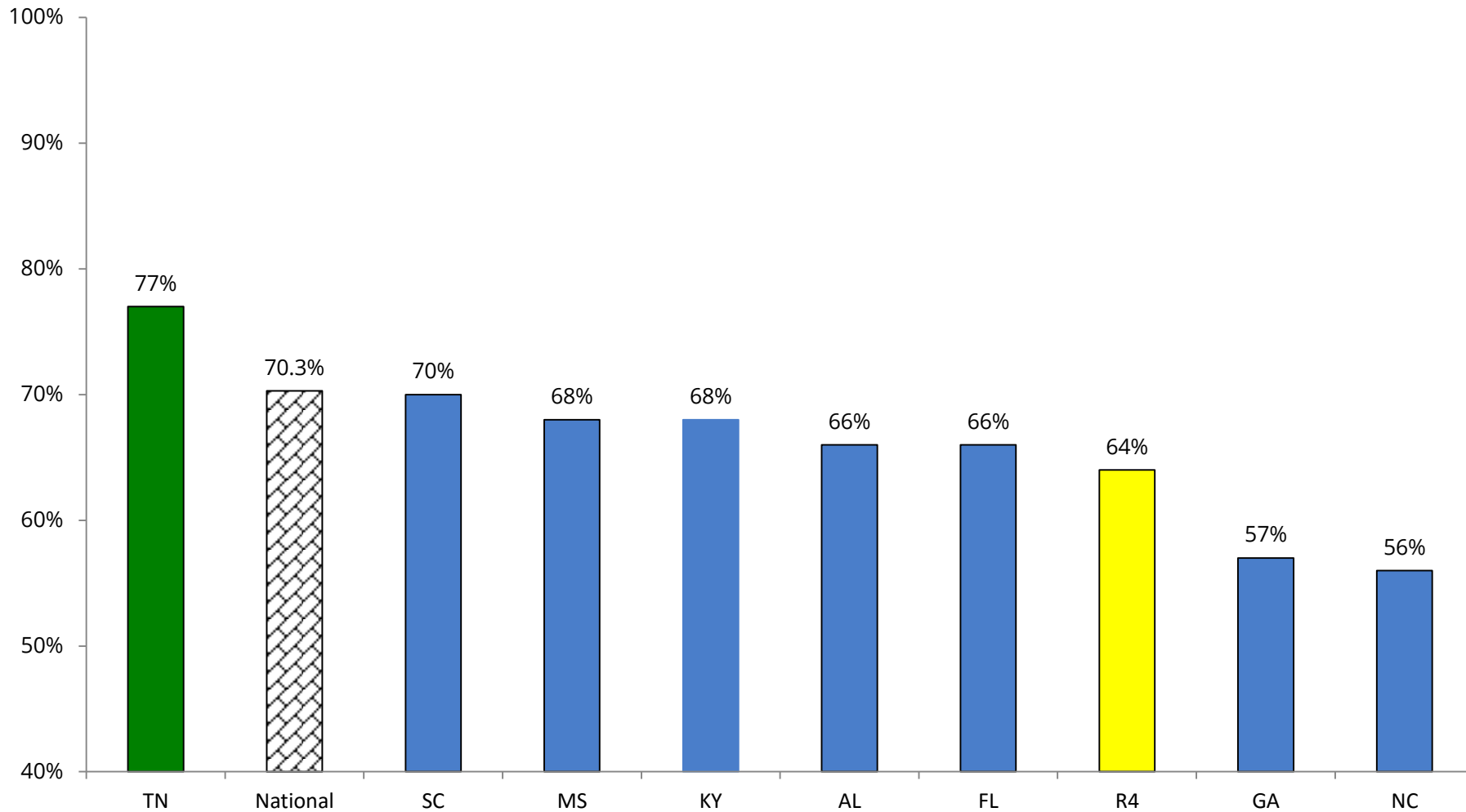
- Provide for the safe storage of petroleum products and a statewide program
- Develop long-range plans for adequate tanks systems to meet future demands
- Provide a mechanism for the remediation of pollution and a comprehensive clean-up fund
- Obtain Program primacy from EPA
- The UST Act is not intended to apply to events or releases before July 1, 1988

Significant Operational Compliance

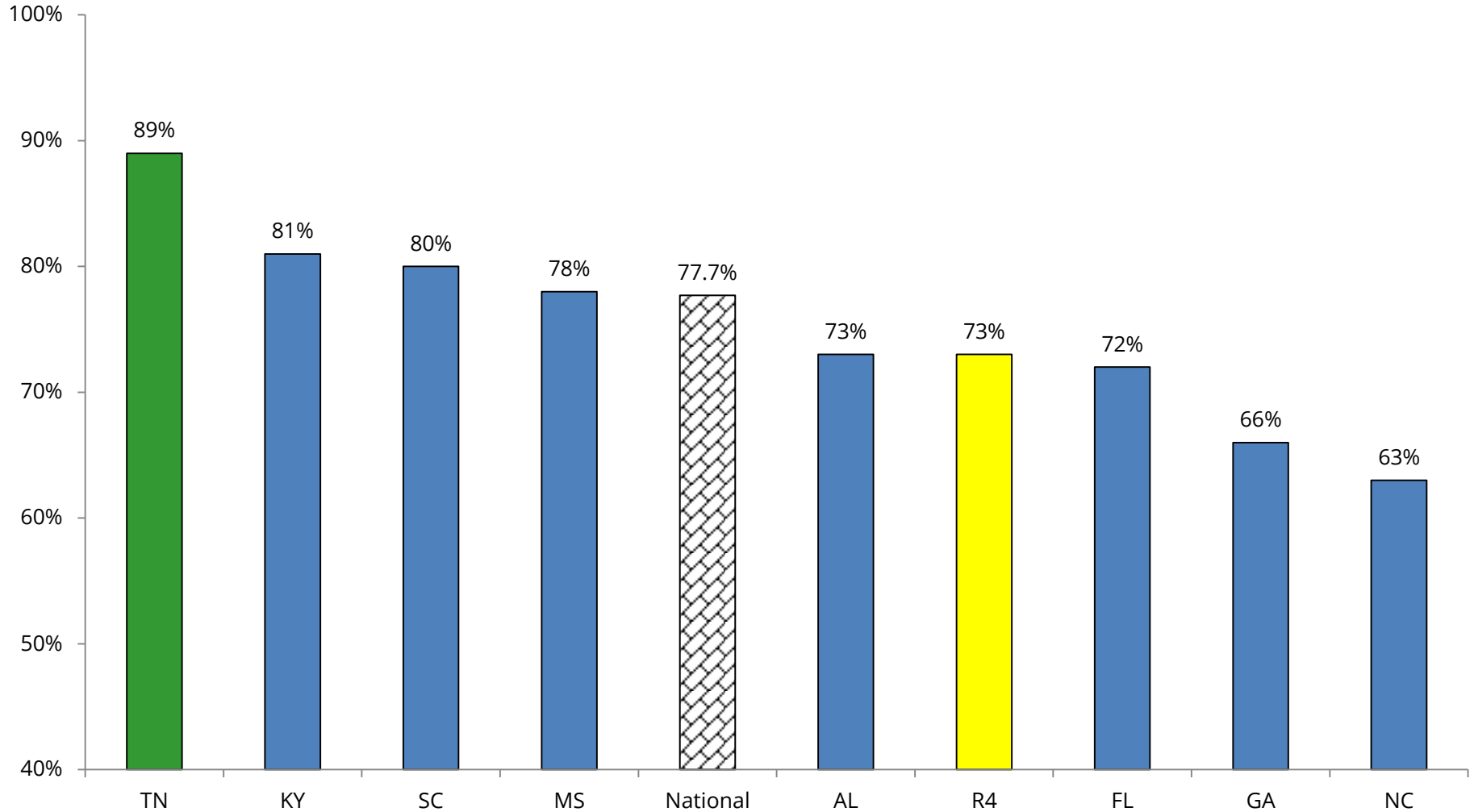
Tennessee must inspect every tank at least once every 3 years and it's a leader in EPA Region IV's measurements for:

Release Prevention
and
Release Detection

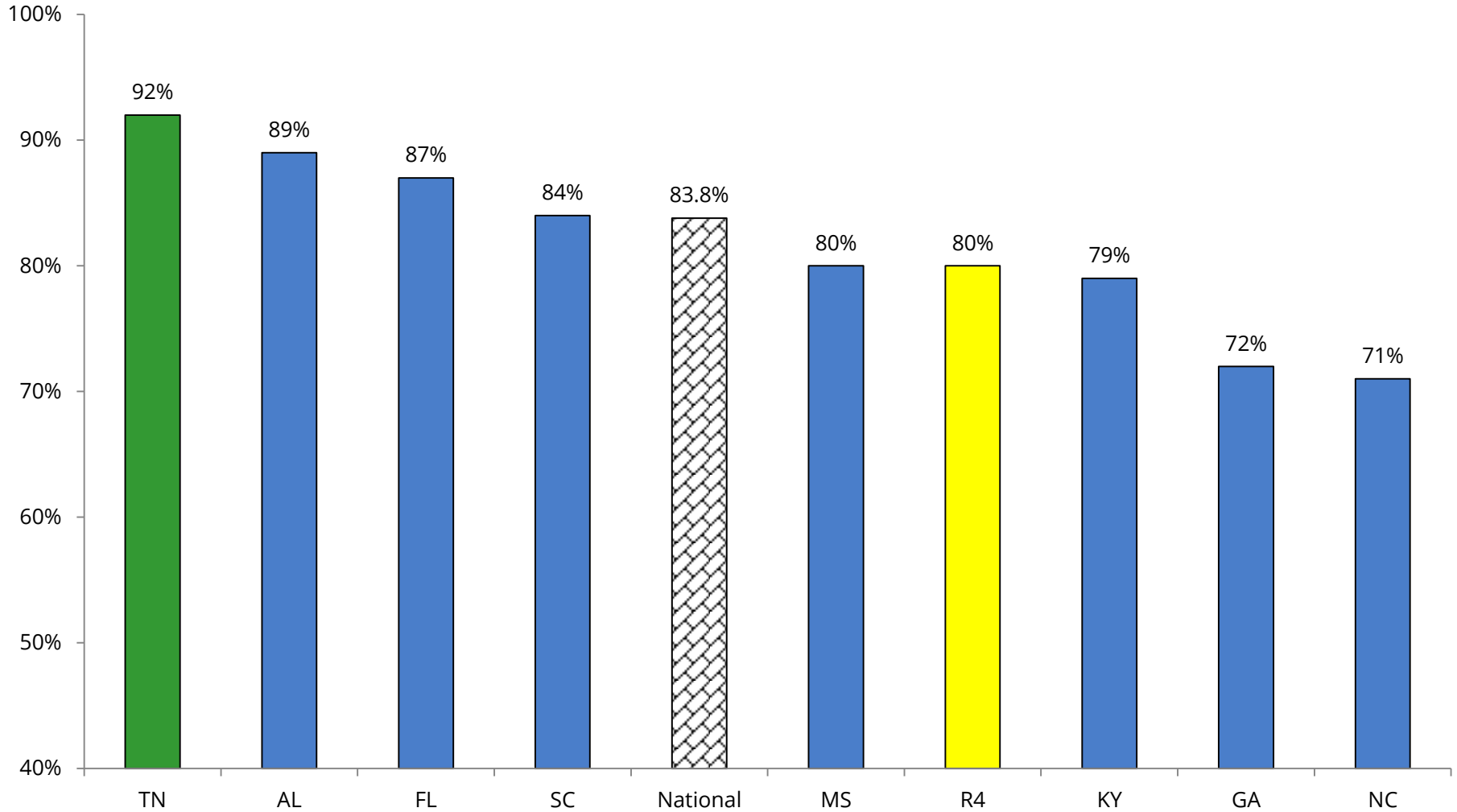
EPA End of Year FY18 Operational Compliance Combined Release Detection and Release Prevention



EPA End of Year FY18 Operational Compliance Release Detection Regulations



EPA End of Year FY18 Operational Compliance Release Prevention Regulations



Cleanup Projects Are Being Completed

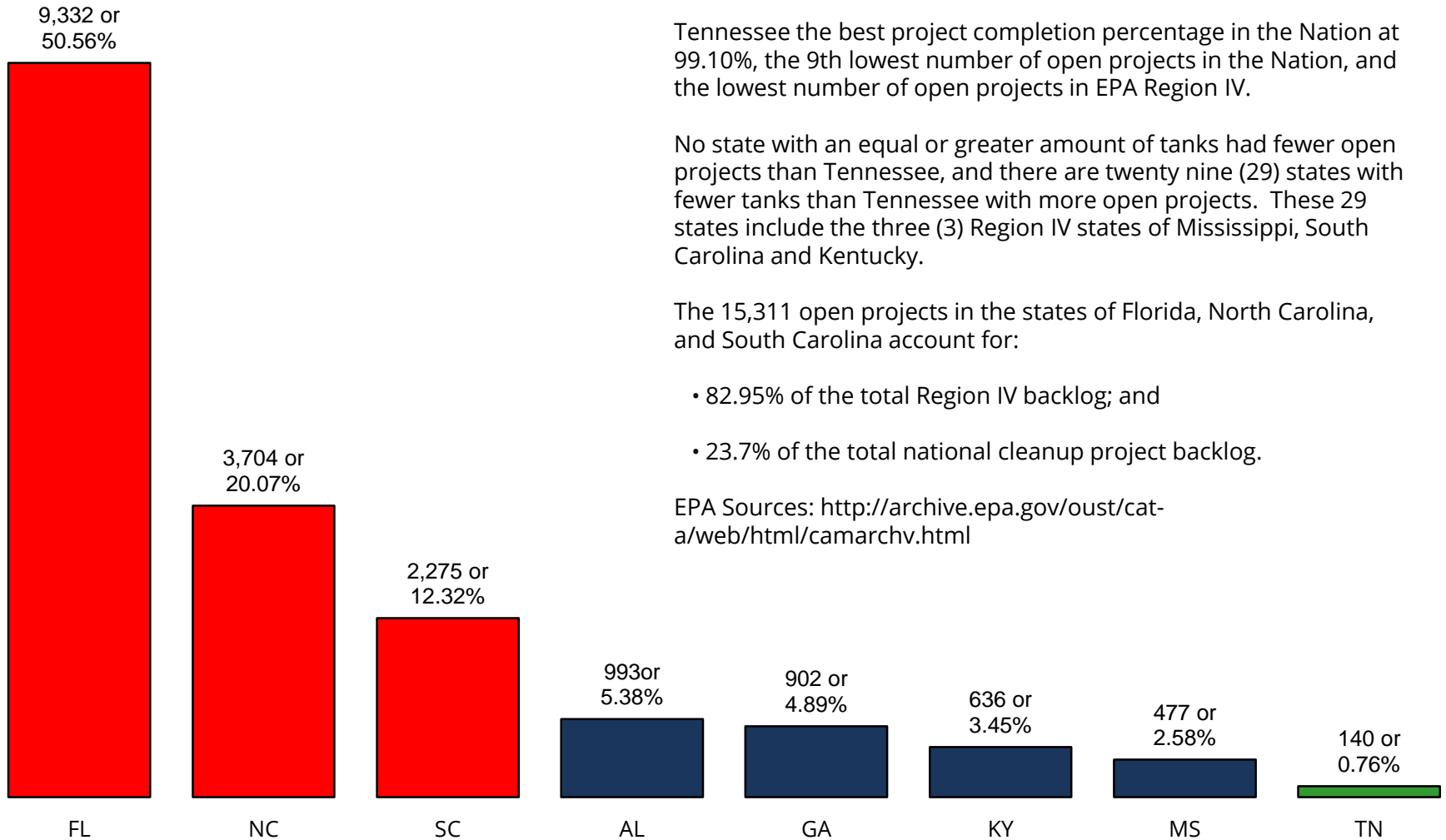
- No state with an equal or greater amount of tanks has a fewer open cleanup projects than Tennessee.
 - Twenty nine (29) states with fewer tanks than Tennessee have more cleanup projects to complete.
 - These 29 states include the three (3) Region IV states of Mississippi, South Carolina and Kentucky.
- EPA Sources: <https://www.epa.gov/ust/ust-performance-measures>

Tennessee Has Nation Leading Cleanup Results

National Cleanup Inventory End-of Year FY18

- Tennessee had the best percentage of projects completed in the Nation at 99.1%
- Tennessee had the best ratio of active tanks to open projects in the Nation at 114.7 tanks/project
- Tennessee had the 9th lowest number open projects in the Nation at 140 and the lowest number of projects in Region IV

Tennessee has the Fewest Open Cleanup Projects in Region IV



Tennessee the best project completion percentage in the Nation at 99.10%, the 9th lowest number of open projects in the Nation, and the lowest number of open projects in EPA Region IV.

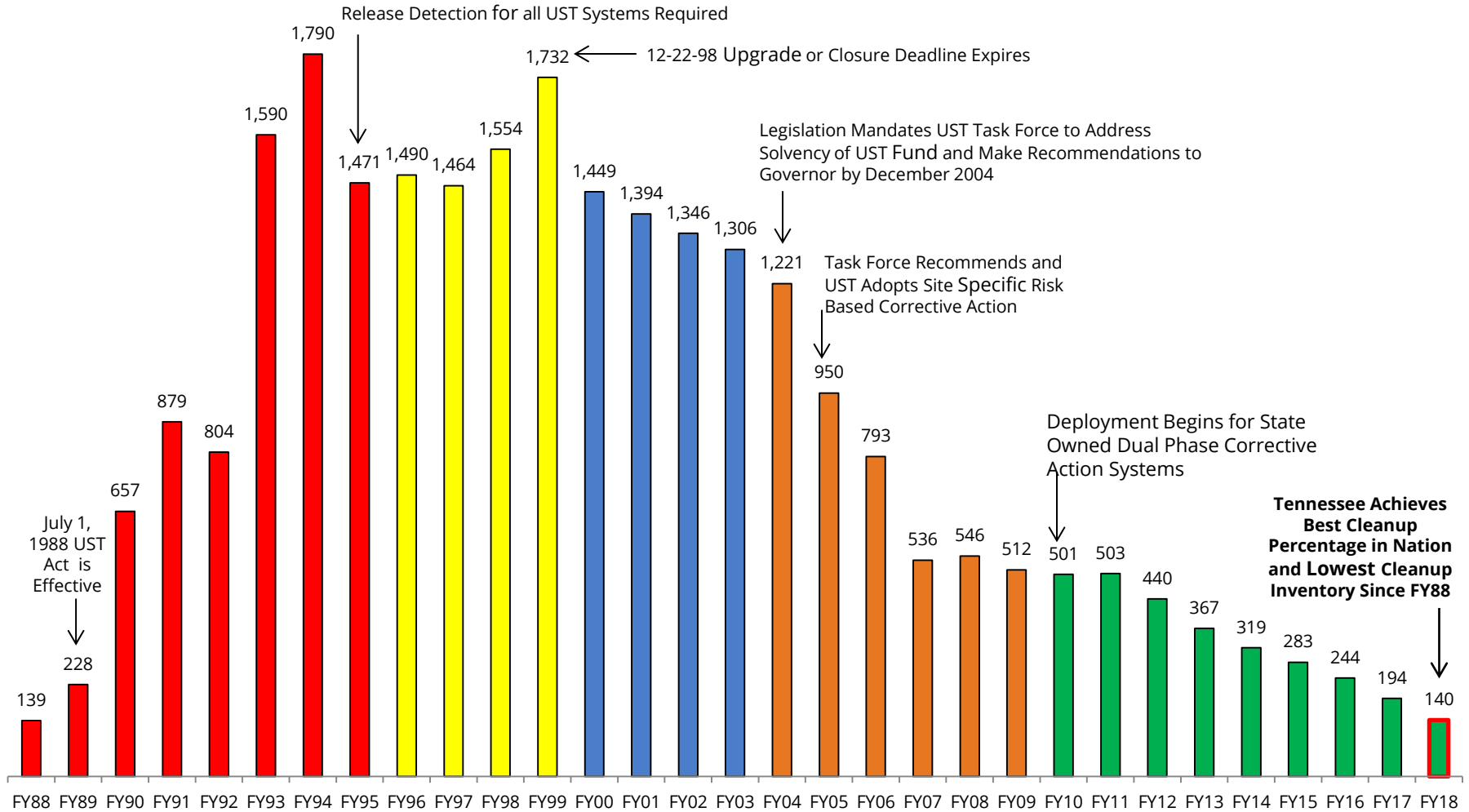
No state with an equal or greater amount of tanks had fewer open projects than Tennessee, and there are twenty nine (29) states with fewer tanks than Tennessee with more open projects. These 29 states include the three (3) Region IV states of Mississippi, South Carolina and Kentucky.

The 15,311 open projects in the states of Florida, North Carolina, and South Carolina account for:

- 82.95% of the total Region IV backlog; and
- 23.7% of the total national cleanup project backlog.

EPA Sources: <http://archive.epa.gov/oust/cata/web/html/camarchv.html>

Program Evolution and UST Remediation Projects



Successful Reuse – Tanks to Towers

Nashville – \$100 million investment at former BP site in Green Hills for a 17 story mixed use development with 286 apartment units, 16,000 ft² of retail/restaurant space, and 60,000 ft² of office space



Future Reuse – Tanks to Towers

Nashville – Broadway office tower planned for former Firestone site, \$7 million to purchase land with plans for up to 27 stories announced on March 4, 2018



Successful Reuse – Modern Convenience

Knoxville – Weigel's redevelops a former Mr. Zip into a larger modern convenience store creating 24 jobs while adding the highest level of environmental protection with all new UST equipment.



Successful Reuse – Benzene to Beer Trail

Johnson City – Yee-Haw Brewing Company and White Duck Taco redevelop the historic Tweetsie Railway depot and former Free Service Tire into a modern craft brewery and restaurant.



Successful Reuse – Benzene to Beer Trail

Knoxville – Balter Beerworks makes a multimillion dollar investment redeveloping Frank's Downtown BP into a into a craft brewery and restaurant creating 60 jobs.



Successful Reuse – Benzene to Beer Trail

Chattanooga – Universal Joint invests \$900,000 to redevelop and create 20 jobs at the former Farrow's Station immediately beside the Hamilton County Courthouse. All Universal Joint locations are former gas stations.



Successful Reuse – Banking

Nashville – FirstBank builds a new 5,500 ft² facility at the site of the former Simpson's West End BP.



Successful Reuse – Banking

Memphis – Le Bonheur Children’s Hospital welcomed a new neighbor to the medical district when Orion Federal Credit Union razed and redeveloped the former Poplar Avenue BP.



Thank You

UST, 30 years, 15,473 Releases and 99.1 % Cleaned Up

Release Detection by
December 22, 1993

Upgrade or Close by
December 22, 1998

1,790

1,732

UST Task Force
Required by Legislature

1,221

Deploy State Owned
Dual Phase Equipment

501

Best Cleanup
Percentage in
Nation and Lowest
Cleanup Inventory
Since FY88

140

July 1, 1988 UST Act
Becomes Effective

139

FY88

FY94

FY99

FY04

FY10

FY18