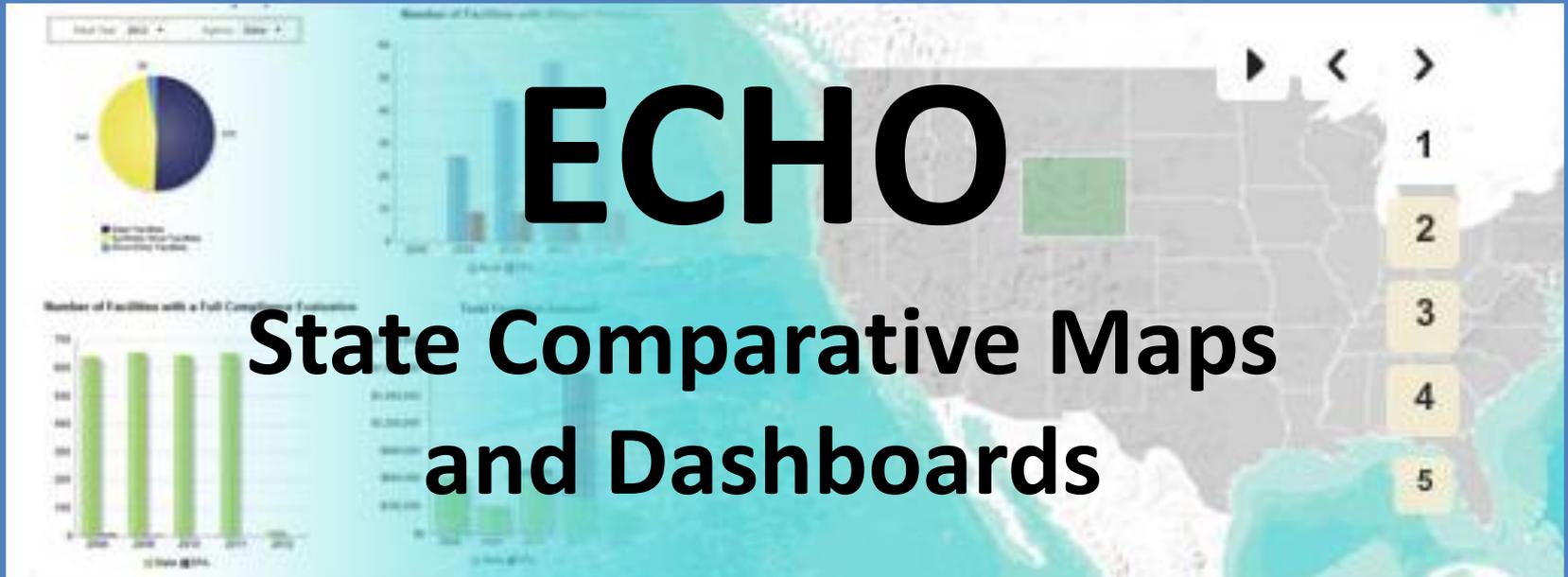


ECHO

State Comparative Maps and Dashboards



Public Briefing

2/12/13



Enforcement and Compliance History Online

New Featured Launch

- New State Comparative Maps and Dashboards launched on February 7, 2013.
- Continues EPA's effort to make environmental enforcement information more transparent and easier to use.



What is ECHO?

- EPA's public website that provides an integrated view of compliance and enforcement information about regulated facilities.

Importance of State Comparative Maps and Dashboards

- Transparency of facility and government performance information is a driver for improving performance.

Origin of Data Used in ECHO

State Comparative Maps and Dashboards

- Information reported by EPA and states and entered into EPA national data systems.
- State opportunity to review and correct data through a data verification process.
- EPA has worked closely with states since October as site was developed to ensure the best quality data.



OVERVIEW AND DEMO OF STATE COMPARATIVE MAPS AND DASHBOARDS



Enforcement & Compliance History Online (ECHO)

[Recent Additions](#) | [Contact Us](#)

You are here: [EPA Home](#) » [Compliance and Enforcement](#) » [ECHO](#) » Home

EPA is now working to fix data issues with CWA noncompliance status in some states. [Read More!](#)



ECHO In My Community

ZIP Address

ZIP Code

[Map Search](#) [Table Search](#)

"Map Search" and "Table Search" results may vary. [More information](#). Drinking water data are not yet included.

[Data Alerts](#)

[Sign up for Updates](#)

[Refresh Dates](#)

[Comments/Feedback](#)

[Report Violation](#)

Welcome to the EPA's Enforcement and Compliance History Online (ECHO)

- ECHO provides fast, integrated searches of EPA and state data for 800,000+ regulated facilities.
- ECHO integrates inspection, violation, and enforcement for the Clean Water Act, Clean Air Act, and hazardous waste laws.
- ECHO also includes Safe Drinking Water Act data, Toxics Release Inventory data, National Emissions Inventory data, and Water Quality Data ([read more about new features](#)).

Performance and Trends Test/Beta Site

[Go to State Comparative Maps](#)

[Go to State Dashboards](#) None Selected

[Project Homepage](#)

ECHO Mapping

[Mapping Center](#)

[EPA-State Annual Enforcement Actions](#)

[Mapping Widget](#)

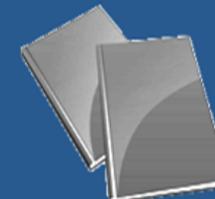
Mouse over areas below to search for facilities, review state by state analytics and trends, or to review contextual reports and information.

- [ECHO Home](#)
- [All Data Search](#)
- [Air Data Search](#)
- [Water Data Search](#)
- [Drinking Water Data Search Beta](#)
- [Hazardous Waste Search](#)
- [EPA Enforcement Cases Search](#)
- [EPA Criminal Cases Search New](#)
- [EPA Enforcement SEP Search](#)
- [Multiple ID Search](#)
- [Performance and Trends New](#)
- [About the Site](#)
- [About the Data](#)
- [More State Data](#)
- [Related Links](#)
- [Frequently Asked Questions](#)
- [Site Map](#)

Search for Facilities

Analytics and Trends

Reports & Resources





EPA is now working to fix data issues with CWA noncompliance status in some states. [Read More!](#)



Performance and Trends: ECHO State Comparative Maps

The ECHO State Comparative Maps provide a quick interactive way to review national trends and compare states and territories. Select an environmental topic area (Water, Hazardous Waste, or Air) by clicking on the tab above the map. Choose the piece of information that you would like to see on the map using the left navigation bar, then click "Refresh Map" to see the data that you selected. Click on a state for summary level information and direct access to the state's dashboard for additional information. Visit the [project homepage](#).

Critical information about the data: Not all [activities and violations](#) may be shown below, some states are not [authorized](#) to run programs, [current year data](#) are still being reported, and states may have [alternative inspection plans](#).

Navigate to State Dashboard

Select State:

Select Media:

Select View:

State and National Dashboards

[Send Comments](#) [Help](#)

State Comparative Maps

Hazardous Waste

Agency:

Facility Type:

Regulated Facilities

- Total Facilities

Inspections

Violations

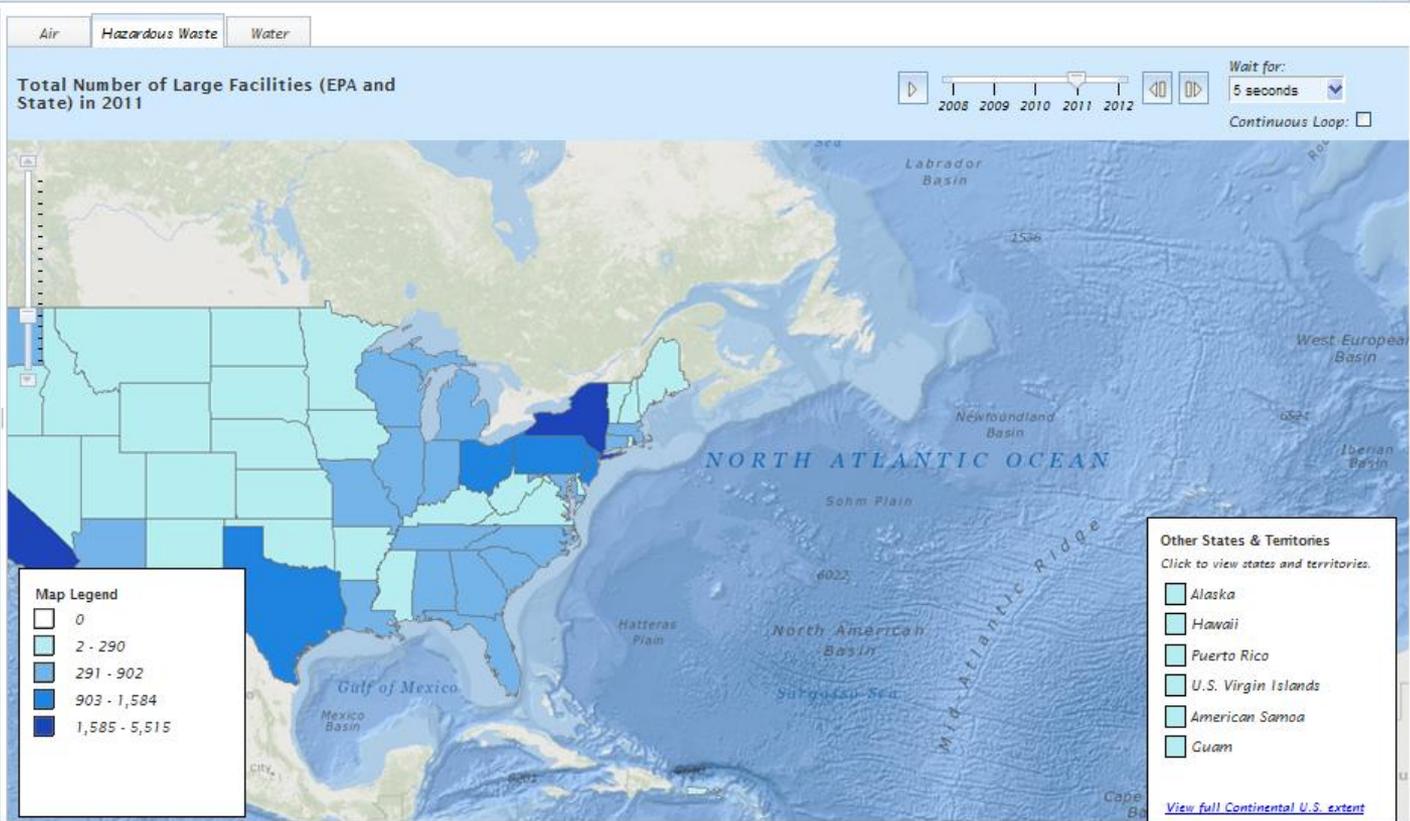
Enforcement Actions

Penalties

More Views

Map View: Number Percent

Refresh Map





EPA is now working to fix data issues with CWA noncompliance status in some states. [Read More!](#)



Performance and Trends: National Air Activity Dashboard

The Clean Air Act (CAA) authorizes EPA to regulate air pollution from stationary sources like chemical plants, utilities, and steel mills. EPA delegates much of their CAA authority to state, local and tribal agencies. To manage the national CAA stationary source compliance monitoring and enforcement program, EPA requires that delegated agencies regularly report data on the type of facilities within their jurisdiction and activities conducted, such as, compliance evaluations, compliance determinations, and enforcement actions. The dashboards provide an easy-to-use summary of activities to answer questions like: which facilities are regulated, how many have been evaluated, and how many have alleged violations and have been subject to enforcement.



State counts may include facilities where a local control agency has been delegated the authority to enforce the Clean Air Act. Therefore, activities conducted by the local control agency are included in the state counts. Visit the [project homepage](#).

Critical information about the data: Not all [activities and violations](#) may be shown below, some states are not [authorized](#) to run programs, [current year](#) data are still being reported, and states may have [alternative inspection plans](#).

[Send Comments](#) [Help](#)

Air
Hazardous Waste
Water

State: National

Activity Dashboard
Performance Dashboard

Facilities

Fiscal Year: 2011 Agency: State

Number of Federally-Reportable Facilities

Facility Type	Count
Major Facilities	13
Synthetic Minor Facilities	25,721
Minor/Other Facilities	3,665

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Compliance Evaluations

View More: Facilities Evaluated by State or EPA [Apply](#) [Reset](#)

Number of Facilities with a Full Compliance Evaluation

Year	State	EPA
2008	~18,000	~1,000
2009	~18,000	~1,000
2010	~17,000	~1,000
2011	~15,000	~1,000

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Violations

View More: Facilities with Alleged Violations [Apply](#) [Reset](#)

Number of Facilities with Alleged Violations

Year	State	EPA
2008	~5,500	~1,000
2009	~5,500	~1,000
2010	~5,500	~1,000
2011	~6,000	~1,000

[Print](#) - [Export](#)

High Priority Violations (HPV)

View More: Facilities with High Priority Violations [Apply](#) [Reset](#)

Number of Facilities with a High Priority Violation

Year	State	EPA
2008	~1,200	~100
2009	~1,000	~100
2010	~800	~100
2011	~600	~100

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Enforcement Actions

View More: Facilities Subject to Enforcement [Apply](#) [Reset](#)

Number of Facilities Subject to Enforcement

Year	State Informal	State Formal	EPA Informal	EPA Formal
2008	~2,500	~2,200	~100	~100
2009	~2,500	~2,400	~100	~100
2010	~2,300	~2,100	~100	~100
2011	~2,100	~1,800	~100	~100

[Print](#) - [Export](#)

Penalties

View More: Total Penalty Assessed [Apply](#) [Reset](#)

Total Penalties Assessed

Year	State	EPA
2008	~70,000,000	~40,000,000
2009	~50,000,000	~15,000,000
2010	~60,000,000	~55,000,000
2011	~35,000,000	~25,000,000

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EPA is now working to fix data issues with CWA noncompliance status in some states. [Read More!](#)



Performance and Trends: National Air Acti

The Clean Air Act (CAA) authorizes EPA to regulate air pollution. Much of their CAA authority is delegated to state, local and tribal agencies. EPA requires that delegated agencies regularly report compliance evaluations, compliance determinations, and enforcement actions. Answer questions like: which facilities are regulated, how many are regulated, how many are in compliance, how many are in non-compliance, and how many are in enforcement.

State counts may include facilities where a local control agency is responsible for the state counts. Visit the [project homepage](#).

Critical information about the data: Not all activities and violations are reported. Visit the [alternative inspection plans](#).

Air | **Hazardous Waste** | **Water** | State | National

Activity Dashboard | Performance Dashboard

Facilities

Fiscal Year: 2011 | Agency: State

Number of Federally-Reportable Facilities

FCE Facility and Activity Details - Summary

Agency	# of Evaluations	# of Facilities
STATE	192	191
EPA	5	5
Grand Total	197	196

FCE Facility and Activity Details

Facility ID	Facility Name	Street Address	City	State	Action Description	Date Conducted (YYMMDD)
4800500002	DIBOLL LUMBER OPERATION 100 MILL STREET	600 A ST	DIBOLL	Texas	STATE CONDUCTED FCE/ON-SITE	090603
4800500007	GEORGIA-PACIFIC RESINS LUFKIN PLANT	1429 E LUFKIN AVE	LUFKIN	Texas	STATE CONDUCTED FCE/ON-SITE	090712
4800500015	LUFKIN INDUSTRIES OILFIELD DIVISION	7305 HWY 69 S	LUFKIN	Texas	STATE CONDUCTED FCE/ON-SITE	090805
4801100003	CLAUDE COMPRESSOR STATION	1111 S 103RD ST	OMAHA	Texas	STATE CONDUCTED FCE/ON-SITE	090310
4802100003	HANSON BRICK ELGIN FACILITY	506 HIGHWAY 290 E	ELGIN	Texas	STATE CONDUCTED FCE/ON-SITE	090514
4802100013	BASTROP ENERGY CENTER	125 OLD BASTROP RD	CEDAR CREEK	Texas	STATE CONDUCTED FCE/ON-SITE	090818
4802900005	V H BRAUNIG A VON ROSENBERG PLANT	15290 STREICH RD	SAN ANTONIO	Texas	STATE CONDUCTED FCE/ON-SITE	090826
4802900068	ALAMO CEMENT 1604 PLANT	6055 W GREEN MOUNTAIN RD	SAN ANTONIO	Texas	STATE CONDUCTED FCE/ON-SITE	081126
4803900667	SEABREEZE ENVIRONMENTAL LANDFILL	10310 FM 523	ANGLETON	Texas	STATE CONDUCTED FCE/ON-SITE	090608
4803900729	FREEMONT LNG IMPORT TERMINAL	1500 LAMAR ST	QUINTANA	Texas	STATE CONDUCTED FCE/ON-SITE	090828
4805700026	POINT COMFORT CRYOGENIC GAS PLANT	103 FANVIN RD	POINT COMFORT	Texas	STATE CONDUCTED FCE/ON-SITE	090428
4806100005	SILAS RAY POWER PLANT	94 WEST 13TH ST BROWNSVILLE TX	BROWNSVILLE	Texas	STATE CONDUCTED FCE/ON-SITE	090527
4806100034	VALLEY CO-OP HARLINGEN FACILITY	1901 N EXPRESSWAY 77	HARLINGEN	Texas	STATE CONDUCTED FCE/ON-SITE	090814
4806100087	CHEM-PRUF DOOR	5224 FM 802	BROWNSVILLE	Texas	STATE CONDUCTED FCE/ON-SITE	090527
4806500044	BURNETT A COMPRESSOR STATION	11 MI S OF BORGER ON HWY 207,	BORGER	Texas	STATE CONDUCTED	090706

Compliance Evaluations/Inspections

View More: Facilities Evaluated by State or EPA

Number of Facilities with a Full Compliance Evaluation

Click to Drill Down

View More: Facilities Subject to Enforcement

Number of Facilities Subject to Enforcement

View More: Total Penalty Assessed

Total Penalties Assessed

High Priority Violations (HPV)

Enforcement Actions

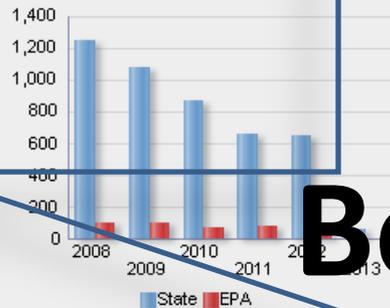
Penalties

View More

View More

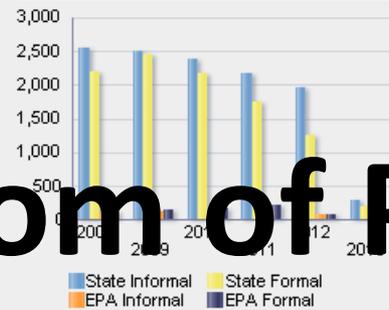
View More

Number of Facilities with a High Priority Violation



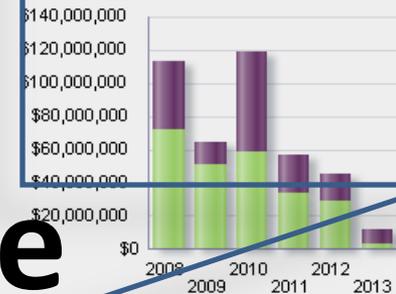
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Number of Facilities Subject to Enforcement



[Print](#) - [Export](#)

Total Penalties Assessed



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Bottom of Page

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State Review Framework

The State Review Framework (SRF) is a tool used by EPA to consistently assess each state and local agencies' enforcement of the Clean Air Act, the Clean Water Act, and Hazardous Waste laws; and the SRF tracks recommendations made by EPA for state and local agencies to improve their compliance and enforcement programs. The information presented in these boxes is from SRF Round 2. SRF Round 3 data will be available in ECHO soon.

- [SRF National Homepage](#)
- [SRF Round 3 Query](#) (*coming soon*)

Data Download and Data Corrections

- [Comments on State Data](#)
- [ECHO Exporter](#)
- [How to Report an Error](#)
- [Annual Noncompliance Reports](#)

Common Questions

[What Are Expectations and Requirements Related to Compliance Monitoring Within States?](#)

[What types of facilities are regulated by the Clean Air Act?](#)

[Where does the data come from - is the data frozen, or does it use production data from the systems?](#)

[How can I find CAA compliance and enforcement information for a specific facility?](#)

[Where can I find emissions and chemical release data for a facility?](#)

[How can I find air quality information for an area of interest to me?](#)

[Does EPA require that all violations or permit deviations at every air emission source be reported to them?](#)

[How can I download detailed information about compliance and enforcement activity?](#)

Air Quality in State

- [AirNow - The official EPA real-time air quality website](#)
- [AirData - Gives you access to air quality data collected at outdoor monitors across the United States](#)
- [MyEnvironment](#)
- [Toxics Release Inventory Search](#)

Other Resources

- [ECHO Air Data Search](#)
- [Greenhouse Gas Emissions](#)
- [EPA and State Enforcement Action Map](#)
- [Ultraviolet \(UV\) Index](#)
- [ECHO Toxics Release Inventory Comparative Tool](#)

Understanding Dashboard Data

- The Dashboards do not provide an overall ranking or report card for states.
 - Data caveats are provided to explain limitations of data.
- EPA oversight includes reviews of state programs that consider both data analysis, file reviews and other pertinent information.
 - Dashboards link to State Review Framework reports which can provide more context and understanding.

Understanding Dashboard Data

- States are not required to report all of the data they collect to EPA and additional state data can be obtained directly from the state.
- States report varying levels (sometimes more than required) of information to EPA, which can affect the appearance of state performance.
- The CWA has self-reported Discharge Monitoring Report information that is submitted monthly by NPDES permitted facilities. These provide a more complete picture of compliance than in the CAA Stationary Sources and RCRA Subtitle C programs, where compliance information comes primarily from inspections.

Understanding Dashboard Data

Clean Air Act

- The Clean Air Act stationary source program is inspection driven.
- EPA provides guidance (Compliance Monitoring Strategies) to states on expected frequencies of evaluation, though states can negotiate alternative plans.
- Dashboards and Maps show data on in annual trends; however, state compliance plans are on multi-year cycles.
- Dashboards will show evaluation percentages for each regulatory universe (e.g., majors), and the percent of evaluations done in reference to actual state commitments.

Understanding Dashboard Data

Clean Air Act (cont..)

- Violations can be found during on-site evaluations or other review of emissions data submitted by the facility.
- Violations that merit formal enforcement are called High Priority Violators (HPVs), typically requiring penalties.
- With some exceptions, EPA does not require minors to be elevated to High Priority Violation.
- Reporting of violations and HPVs gives the public data about problems prior to conclusion of enforcement
- While the public may be concerned about violations in a state, identification and subsequent enforcement indicates an active enforcement program.

Understanding Dashboard Data

RCRA

- There are many facility types in RCRA:
 - Large = Transfer Storage and Disposal Facilities (TSD) and Large Quantity Generators (LQG).
 - Small = Small Quantity Generators, Transporters, etc.
- Like the CAA, RCRA is inspection driven.
- Inspections are used to identify violations and significant noncompliance or SNC. EPA expects more frequent inspections at larger facilities.
- Violations are required to be reported to EPA for all sizes of facilities.

Understanding Dashboard Data

RCRA (cont..)

- States displaying low violation or significant noncompliance rates may not have active enforcement programs or may have a strong program leading to low noncompliance within a state.
- Violation reporting has been noted as an overall RCRA state enforcement program weakness.
- State Review Framework reports note state deficiencies in reporting and are linked from the Dashboards.

Understanding Dashboard Data

Clean Water Act

- Three categories of facilities shown in the Dashboards are:
 - CWA Majors – Individual Permits
 - CWA Non-major - Individual Permits
 - CWA Non-major- General Permits
- State reporting to EPA is robust for Majors.
- States are required to track data for all categories, but EPA does not require reporting data for non-majors.
- State reporting for minors varies.

Understanding Dashboard Data

Clean Water Act Majors

- For CWA majors, Discharge Monitoring Reports automatically trigger system violations or Significant Noncompliance (SNC).
- State reporting of inspection information is a known program weakness. There is variability in state enforcement follow up.
- Penalty amounts assessed are currently not required to be reported to EPA. Before making conclusions about the adequacy of state penalties, please consult with the state.

Understanding Dashboard Data

CWA Non-majors

- CWA Non-majors can have individual permits with permit limits and DMRs.
- EPA collects annual state summary data for this universe that is required, and has provided that on the Dashboards under the category “Annual Noncompliance Report.”
- EPA is working with the states to promote electronic reporting so that more information can be made available.

Understanding Dashboard Data

CWA Non-majors

- Other CWA non-majors are covered under general permits that typically do not require DMRs. Violations are determined from inspections.
- Reporting to EPA on these facilities is not required
- Dashboards show what is reported by the states so that those reporting are given proper credit; however, EPA cautions against making strong conclusions or comparisons using this information.

Other Dashboard Data Caveats

- 2012 data are still being reviewed and are not considered final. In March, EPA will add 2013 year to date information.
- Some states are not authorized or delegated to administer Federal environmental laws. Those are noted clearly. In those states, users should evaluate EPA's work in the state as there will be no state activity.
- Some states have posted caveats about their information that is linked below the Dashboards.
- EPA has not yet programmed functions that will show dashboards and maps for local government agencies or tribes.

Wrap Up and Comments

- EPA very much appreciates your interest in ECHO and would like your feedback to help us improve.
- Users that wish to provide EPA with comments about the State Comparative Maps and Dashboards may use the green “Submit Comment” button provided on the website.
- Press inquiries can be addressed to Stacy Kika at Kika.stacy@epa.gov, 202-564-0906 or 202-564-4355
- Facility representatives that have concerns about data quality may use the Report Error button that is found on the Detailed Facility Report.