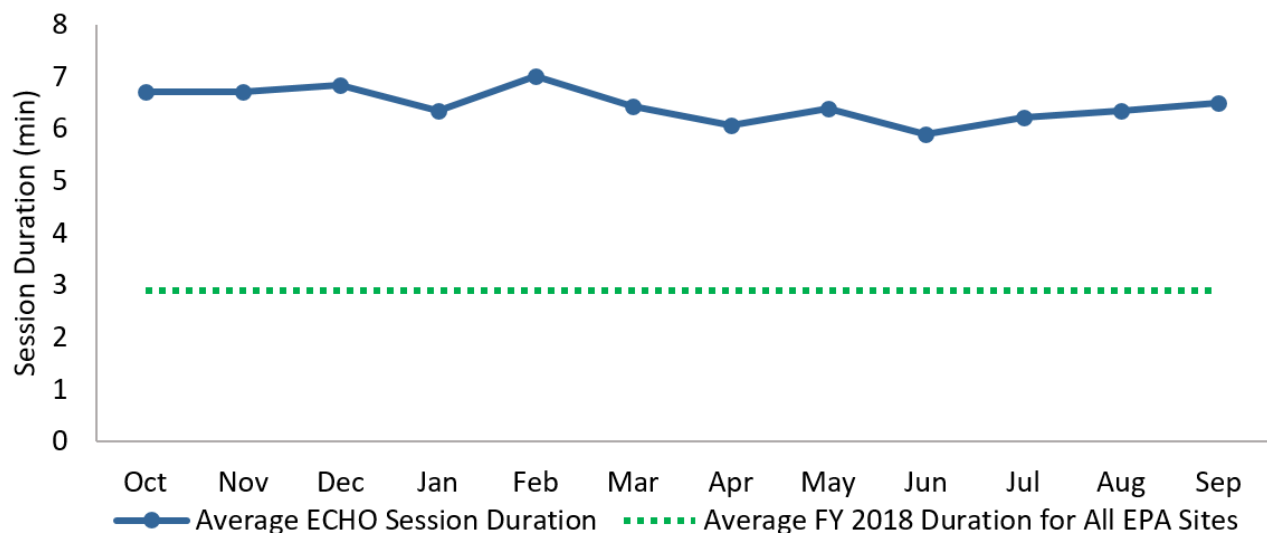


ECHO Usage Statistics: Additional Details

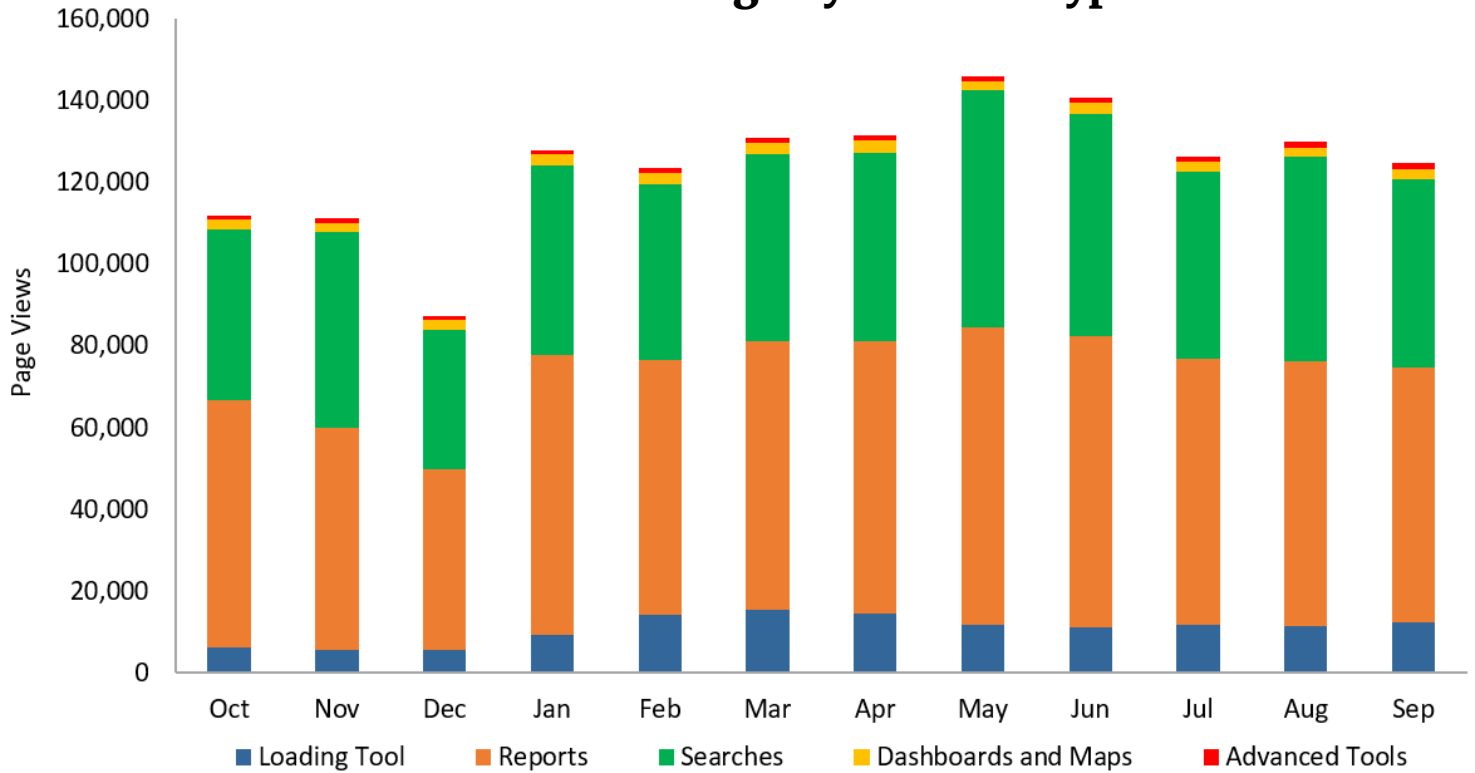
FY 2018 ECHO Usage by Feature

Feature	Total Page Views	Average Monthly Views	Average Monthly Trend
Detailed Facility Report	624,957	52,080	2.3%
Facility Search	438,085	36,507	1.8%
Water Pollutant Loading Tool (all)	128,342	10,695	9%
Enforcement Case Search	121,942	10,162	17%
Enforcement Case Report	62,819	5,235	3%
Effluent Charts (Report)	51,922	4,327	1.0%
State Dashboards	29,744	2,479	0.9%
Air Pollutant Report	18,185	1,515	-1%
Data Downloads	12,326	1,027	2%
Report Environmental Violations—Submitted ¹	10,296	936	18%
NPDES eRule Readiness Dashboard	3,775	343	-5%
Corporate Compliance Screener	3,203	267	26%
Corporate Compliance Screener (Report)	2,042	170	37%
Web Services	1,546	129	7%
State Review Framework Tracker Recommendations	1,204	100	14.5%
State Comparative Maps	953	79	2.4%
Quick Search Widget	438	37	17%

FY 2018 Average ECHO Session Duration

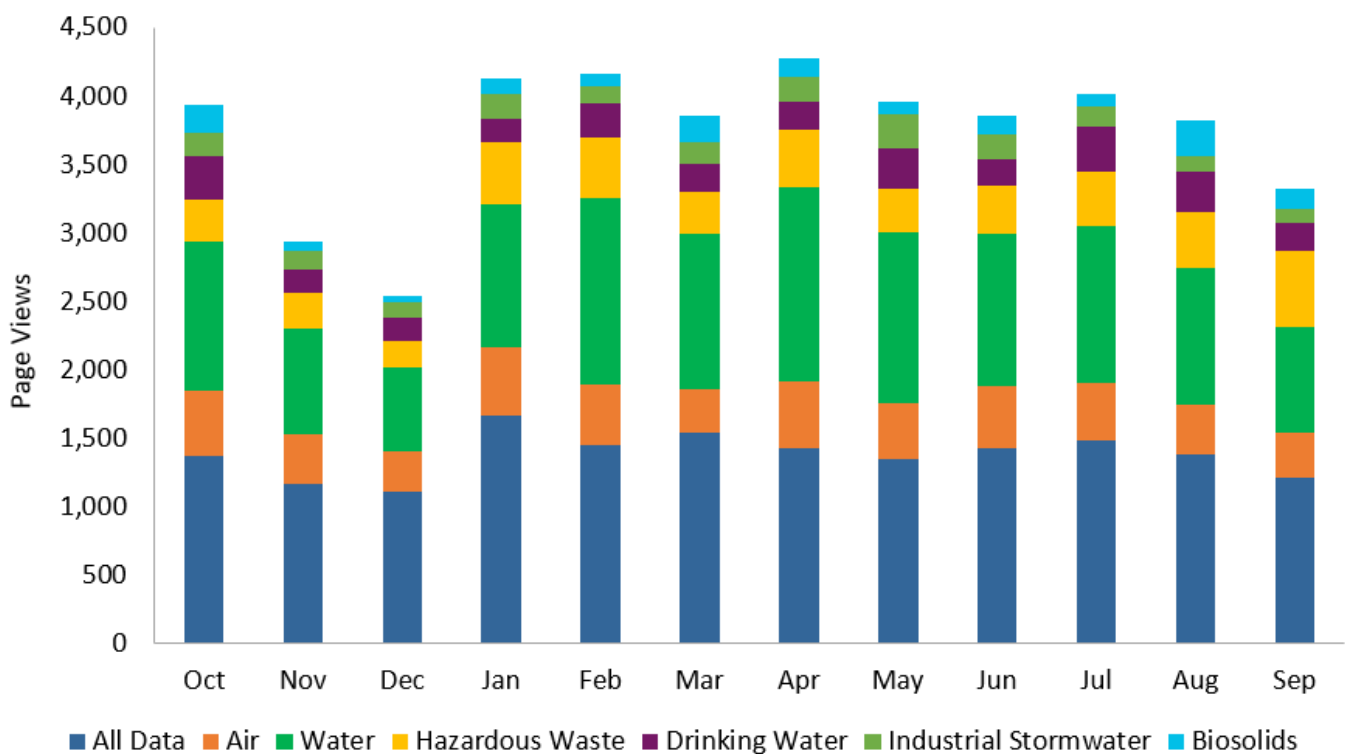


FY 2018 ECHO Usage by Feature Type

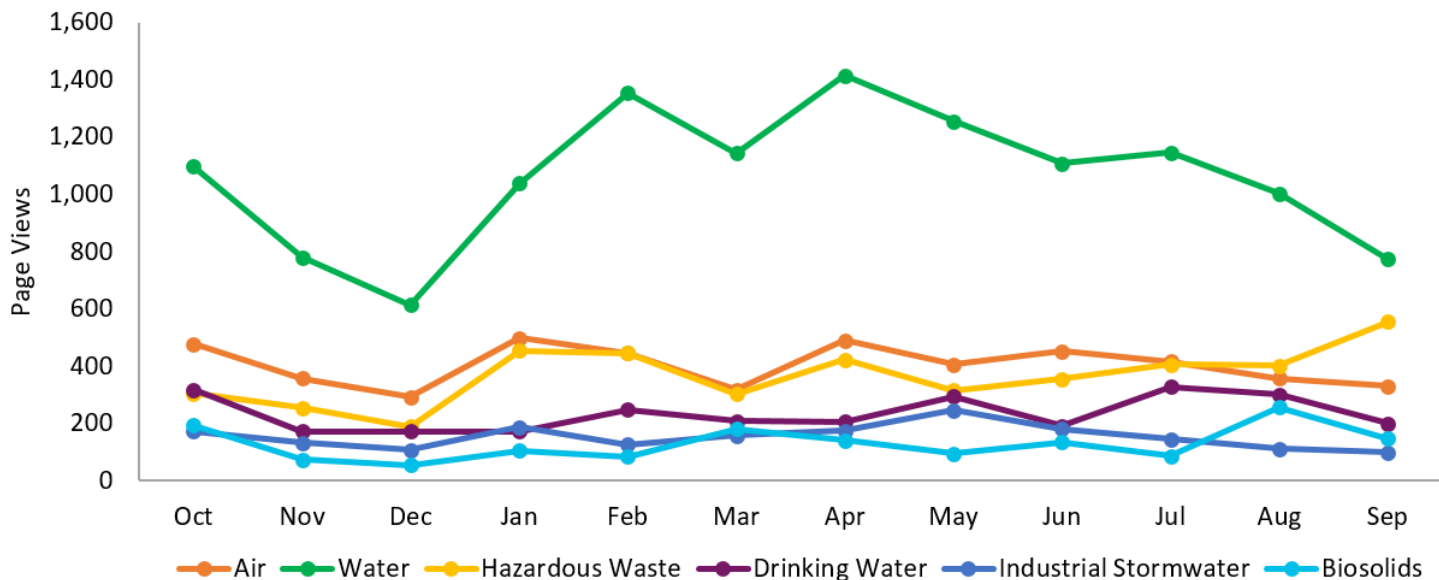


- Loading Tool includes a collection of features available within <https://echo.epa.gov/trends/loading-tool>.
- Reports include Detailed Facility Report, Enforcement Case Report, Effluent Charts, and Air Pollutant Report.
- Searches include Facility Search and Enforcement Case Search.
- Dashboards and Maps include all State Dashboards and State Comparative Maps.
- Advanced Tools include Data Downloads, Web Services, and Quick Search Widget.

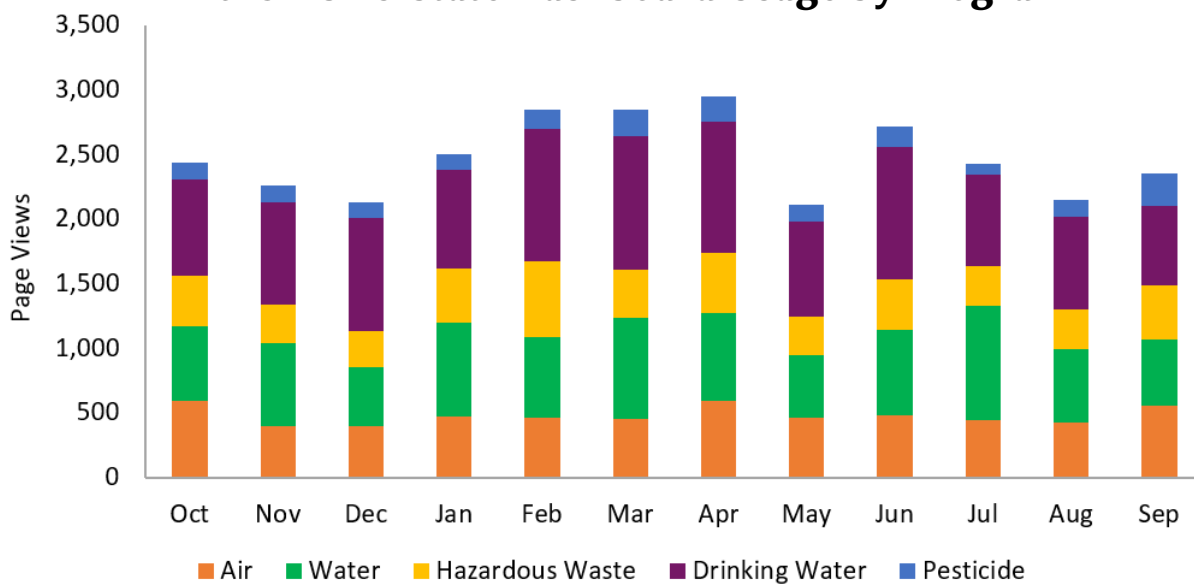
FY 2018 ECHO Facility Search Usage by Search Type²



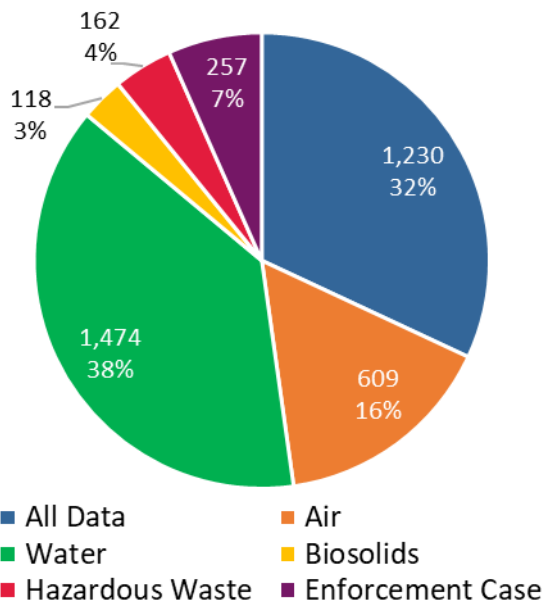
FY 2018 ECHO Facility Search Usage (Excluding All Data Search Type)²



FY 2018 ECHO State Dashboard Usage by Program³



FY 2018 ECHO Data Downloads by Program



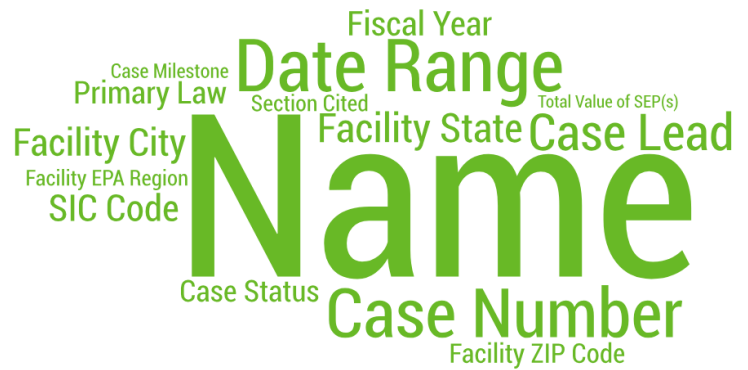
Program	Percent Change from FY17
All Data	-25.6%
Air	2.4%
Water	-3.2%
Biosolids	59.5%
Hazardous Waste	-11.0%
Enforcement Case	29.8%

Most Popular Search Options⁴

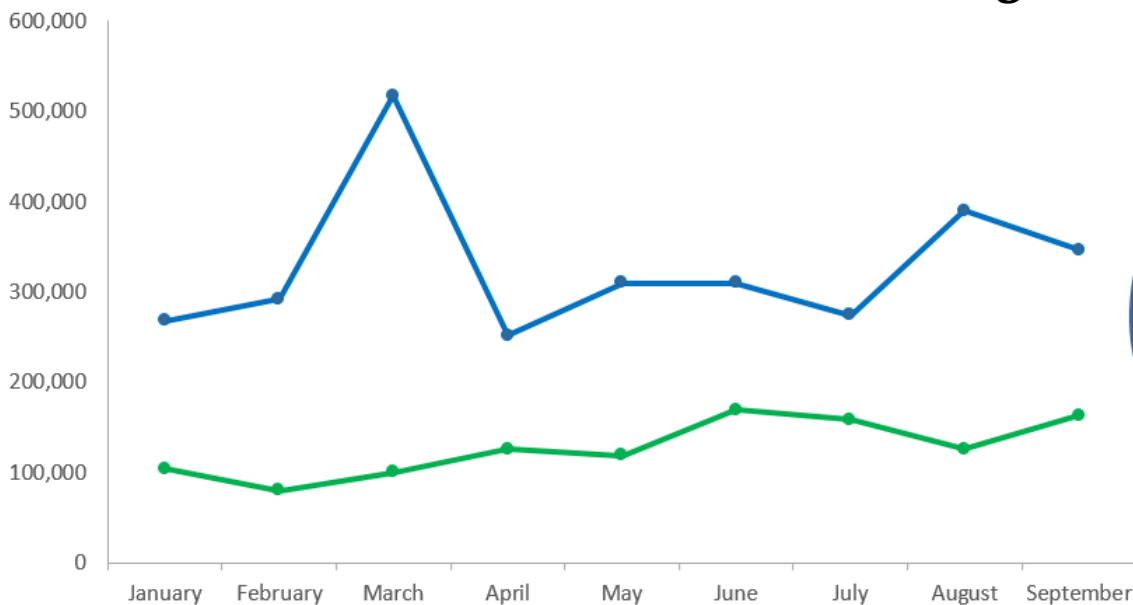
ECHO Facility Search



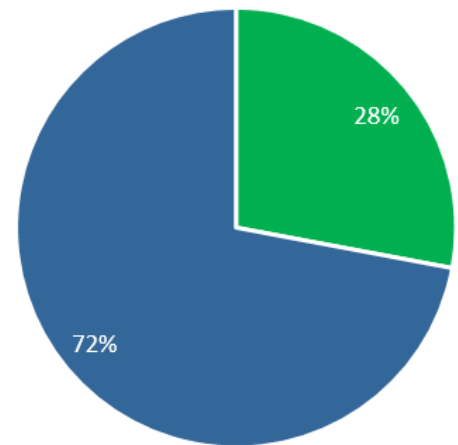
ECHO Enforcement Case Search



ECHO Web Service Usage⁵



■ Service Calls from ECHO ■ Service Calls from Other Websites



Service Calls from ECHO

2,959,470

Service Calls from Other Websites

1,147,567

Total Service Calls

4,107,037

¹Report Environmental Violations launched in November 2017. Average page views and average monthly trend are based on counts from November 2017 through September 2018.

²Facility Search usage is tracked based on access to the program-specific URL for the Facility Search; these statistics do not reflect changes made using the Search Type option (for example, changing the Search Type from Air to Water does not increase Water page views).

³The State Air Dashboard is the default dashboard view when navigating from the ECHO Home page.

⁴Most popular search options are based on REST service parameters passed in the last month of queries requested. The data presented in these visualizations include queries requested between November 3, 2018 and December 2, 2018.

⁵The first full month of tracking service calls from ECHO versus direct service calls was January 2018. The data presented in these visualizations are based on service calls from 1/1/2018 to 9/30/2018.