

STORET Dashboard

STORET User Call

September 27, 2012

Dashboard Requirements

- STORET Team met with EPA Regions RMC, STORET User Community, OECA, and MAP to gather requirements
- General theme was to show the amount of data submitted by states, the amount of data available, and the amount of data by year
- Dashboard will be populated with data from STORET, as submitted by the states

View Amount of Data by Region

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STORET – Dashboard: Annual Data Submission by EPA Region

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» Dashboard » Annual Data Submission by EPA Region

These figures display the amount of data available within an EPA Region in the selected year (default to the current year). The number of records submitted in the selected year is compared to the number of records submitted to STORET over a five year average. The records represent the data available in STORET on measurements of water quality as reported by ALL current organizations, including state, local, and tribal agencies and watershed groups.

Select Year: 2012

Go

Region	States	2012 Records	5 yr avg
Region 1	CT, ME, MA, NH, RI, VT	0	220,071/yr
Region 2	NJ, NY, PR, VI	11,628	254,197/yr
Region 3	DE, DC, MD, PA, VA, WA	12,197	209,653/yr
Region 4	AL, FL, GA, KY, MS, NC, SC, TN	21,173	1,487,671/yr
Region 5	IL, IN, MI, MN, OH, WI	19,140	1,173,683/yr
Region 6	LA, AR, OK, NM, TX	37,124	426,208/yr

View Amount of Data by State

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STORET – Dashboard: Annual Data Submission by State

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These figures display the amount of data available within an EPA Region in the selected year by State. The number of records submitted in the selected year is compared to the number of records submitted to STORET over a five year average. The records represent the data available in STORET on measurements of water quality as reported by ALL current organizations, including state, local, and tribal agencies and watershed groups.

Select Year:

Select EPA Region:

State	2012 Records	5 yr avg
Arkansas	27,149	102,464/yr
Louisiana	306	10,453/yr
New Mexico	738	13,771/yr
Oklahoma	2,007	22,256/yr
Texas	6,924	277,265/yr

View Amount by State Profile

STORET – Dashboard: State Profile

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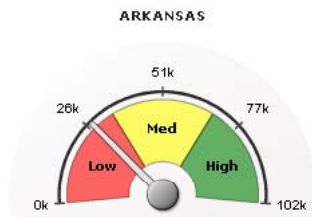
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These figures display the amount of data available within a state by the selected year. The number of records submitted in the selected year is compared to the number of records submitted to STORET over a five year average. The figures also display the number of records submitted by results categories. The records represent the data available in STORET on measurements of water quality as reported by ALL current organizations, including state, local, and tribal agencies and watershed groups.

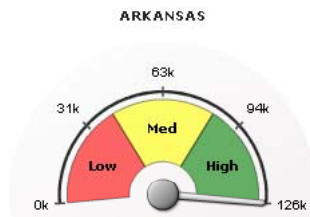
Select Year:

Select State:

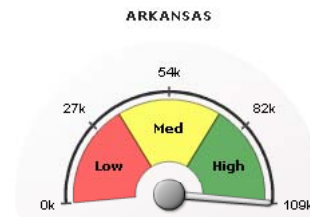
Number of Organizations Submitting Data for ARKANSAS in 2012: **2**
 Total Number of Organizations Submitting Data for ARKANSAS: **11**
 Number of Distinct Characteristics Submitted for ARKANSAS in 2012: **52**
 Total Number of Distinct Characteristics Submitted for ARKANSAS: **916**
 Number of Stations in ARKANSAS with Data for 2012: **297**
 Total Number of Stations in ARKANSAS with Data: **873**
 Total Number of Stations in ARKANSAS: **1,405**



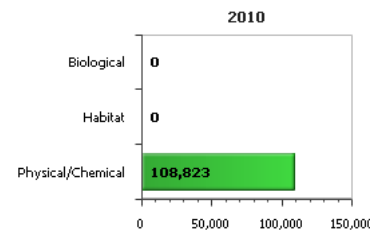
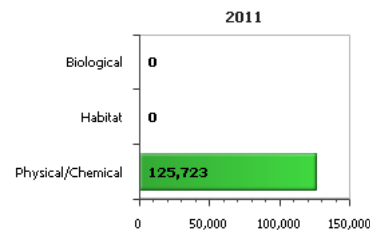
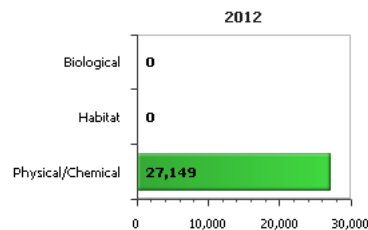
In 2012: 27,149 records
 5 yr avg: 102,464/yr



In 2011: 125,723 records
 5 yr avg: 89,832/yr



In 2010: 108,823 records
 5 yr avg: 81,320/yr



View Amount of Data by State

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STORET – Dashboard: Data Owners Contribution by State

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These figures display the top five organizations within a state which submit data to STORET, listed by the selected year, over the last five years. The records represent the data available in STORET on measurements of water quality as reported by ALL current organizations, including state, local, and tribal agencies and watershed groups.

Select Year:

Select State:

27,149 Total Records in State

2012 Top 5 Orgs

- ARDEQH2O_WQX - 99.97%
- TCEQMAIN - 0.03%

125,723 Total Records in State

2011 Top 5 Orgs

- ARDEQH2O_WQX - 98.01%
- Equilibrium - 1.88%
- EPAREG6_WQX - 0.07%
- TCEQMAIN - 0.04%

108,823 Total Records in State

2010 Top 5 Orgs

- ARDEQH2O_WQX - 99.75%
- CHEROKEE_WQX - 0.14%
- TCEQMAIN - 0.08%
- EPAREG6_WQX - 0.02%

99,633 Total Records in State

2009 Top 5 Orgs

- ARDEQH2O_WQX - 99.67%
- CHEROKEE_WQX - 0.21%
- TCEQMAIN - 0.12%

99,107 Total Records in State

2008 Top 5 Orgs

- ARDEQH2O_WQX - 99.51%
- CHEROKEE - 0.41%
- TCEQMAIN - 0.07%

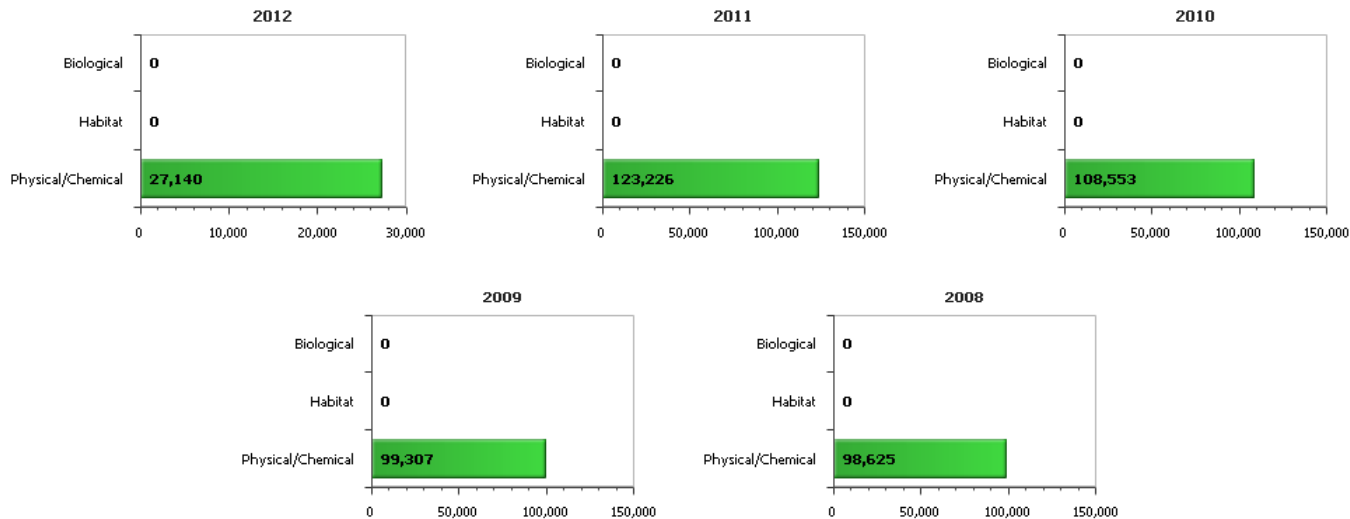
To view more details, use the pull down menu and select a single organization by name to display Biological (fish, algae), Habitat (bank stability), and Physical/Chemical (pH, Temperature, metals).

Done

View Amount of Data by State

To view more details, use the pull down menu and select a single organization by name to display Biological (fish, algae), Habitat (bank stability), and Physical/Chemical (pH, Temperature, metals).

Select Organization:



View Amount of Data by State

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These figures display the top five organizations within a state which submit data to STORET, listed by the selected year, over the last five years. The records represent the data available in STORET on measurements of water quality as reported by ALL current organizations, including state, local, and tribal agencies and watershed groups.

Select Year: 2012
 Select State: FLORIDA

Go

585 Total Records in State



2012 Top 5 Orgs

- 21FLPBCH_WQX - 82.56%
- 21FLCOT_WQX - 17.44%

353,715 Total Records in State



2011 Top 5 Orgs

- All others - 38.86%
- 21FLSJWM_WQX - 31.91%
- 21FLDOH_WQX - 8.82%
- 21FLA_WQX - 8.29%
- 21FLDADE_WQX - 7.17%
- 21FLEECO_WQX - 4.94%

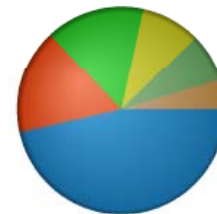
886,670 Total Records in State



2010 Top 5 Orgs

- All others - 43.88%
- 21FLSJWM_WQX - 21.09%
- 21FLSFWM_WQX - 19.59%
- 21FLGW_WQX - 6.57%
- 21FLDOH_WQX - 4.75%
- 21FLSEAS_WQX - 4.13%

1,274,138 Total Records in State



2009 Top 5 Orgs

- All others - 46.43%
- 21FLSJWM_WQX - 16.62%
- 21FLSFWM_WQX - 15.34%
- 21FLSEAS_WQX - 9.22%
- 21FLSJWM - 7.71%
- 21FLGW_WQX - 4.68%

1,288,911 Total Records in State



2008 Top 5 Orgs

- All others - 46.99%
- 21FLSFWM - 19.60%
- 21FLSJWM - 17.18%
- 21FLSEAS_WQX - 8.16%
- 21FLGW_WQX - 4.18%
- 21FLSWFD_WQX - 3.90%

To view more details, use the pull down menu and select a single organization by name to display Biological (fish, algae), Habitat (bank stability), and Physical/Chemical (pH, Temperature, metals).

View the Top 10 Substances

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These tables provide a count of the top ten substances within a state's waters, listed by year, over the last five years. The records represent the data available in STORET on measurements of water quality as reported by ALL current organizations, including state, local, and tribal agencies and watershed groups.

Select Year:
 Select State:

Top 10 Substances for Past 5 Years for ARKANSAS

Activity Year

Activity Year : 2012

Substance	Result Count
Alkalinity, total	679
Ammonia-nitrogen	679
Bromide	679
Chloride	679
Fluoride	679
Inorganic nitrogen (nitrate and nitrite)	679
Orthophosphate	679
Sulfate	679
Temperature, water	678
Turbidity	676
pH	665
Dissolved oxygen (DO)	663
Kjeldahl nitrogen	640

FLORIDA

Activity Year : 2011

Substance	Result Count
Enterococcus	27627
pH	18840
Temperature, water	18038
Specific conductance	17815
Dissolved oxygen (DO)	17170
Salinity	12973
Fecal Coliform	11606
Kjeldahl nitrogen	9698
Turbidity	9374
Depth, Secchi disk depth	8672

Activity Year : 2010

Substance	Result Count
Temperature, water	52695
Dissolved oxygen (DO)	51545
pH	48573
Specific conductance	48327
Enterococcus	35968
Salinity	30445
Kjeldahl nitrogen	28720
Phosphorus	25312
Inorganic nitrogen (nitrate and nitrite) as N	25047
Fecal Coliform	24782

Next Steps

- Return to each group for review and comment on the dashboard views
- Make edits based on received comments
- Post the dashboard to our public website