

***Emissions Data Management System Inventory
for the
Western Regional Air Partnership
Presentation at the US EPA EI Conference
April 2005***

*David Holoman & Steve Boone
E.H. Pechan & Associates, Inc.*

*Tom Moore
Western Regional Air Partnership*

Presentation Organization

Presentation Organization

- Purpose
- Architecture
- Interface
- Production-phase Findings

Purpose

Purpose

To provide:

- Regional Haze Rule Implementation and Performance Monitoring Tool
- Region-Wide Emission Inventory Database
- Analysis of Collected Data
 - Emissions Comparisons
 - Emissions Trends Analysis

Purpose

To provide:

- Maintainable Database
- Web-Based Analysis Interface
- Batch Data Take On
- Outputs/Data Extracts
- Administrative Module/DBA Functions

Purpose

Maintainable Database

- All Sectors
- Multiple Years
- Multiple Types
- Data Versioning

Purpose

Web-Based Analysis Interface

- Public
 - GIS Query/View of Locked Data
 - Preformatted Reports
 - Preformatted Data Extracts
- Secure
 - GIS Query/View of Working Data
 - Ad-hoc Reports/Extracts
 - Data Import/Export

Purpose

Batch Data Take On

- NIF Version 3.0
- QA/QC Procedures (QAPP)
 - Recursive QA/QC
 - Gap-Filling/Data Adjusting

Purpose

Outputs/Data Extracts

- NIF Version 3.0
- SMOKE IDA
- Ad-Hoc Queries/Summaries

Purpose

Administrative Module/DBA Functions

- User Management/Security
- Ancillary Information Management (Support Documents, FAQs, Events)
- Listserv management
- Ad-Hoc Functions
 - QA/QC
 - Report Development
 - Analysis

PECHAN

E.H. Pechan & Associates, Inc.



Architecture

Platforms

O/S

- Windows 2000 Server

Application

- Active Server Pages (ASP)
- Scalable Vector Graphics (SVG)
- Flash

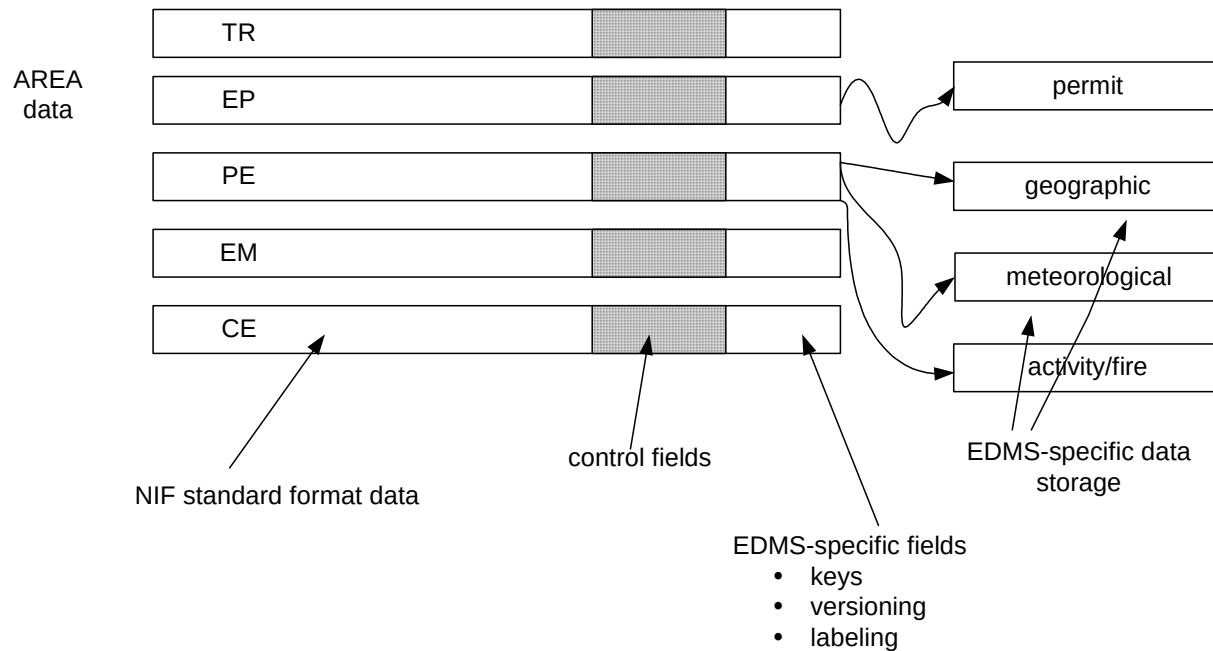
Database

- Oracle 9i (10g)

Hosting

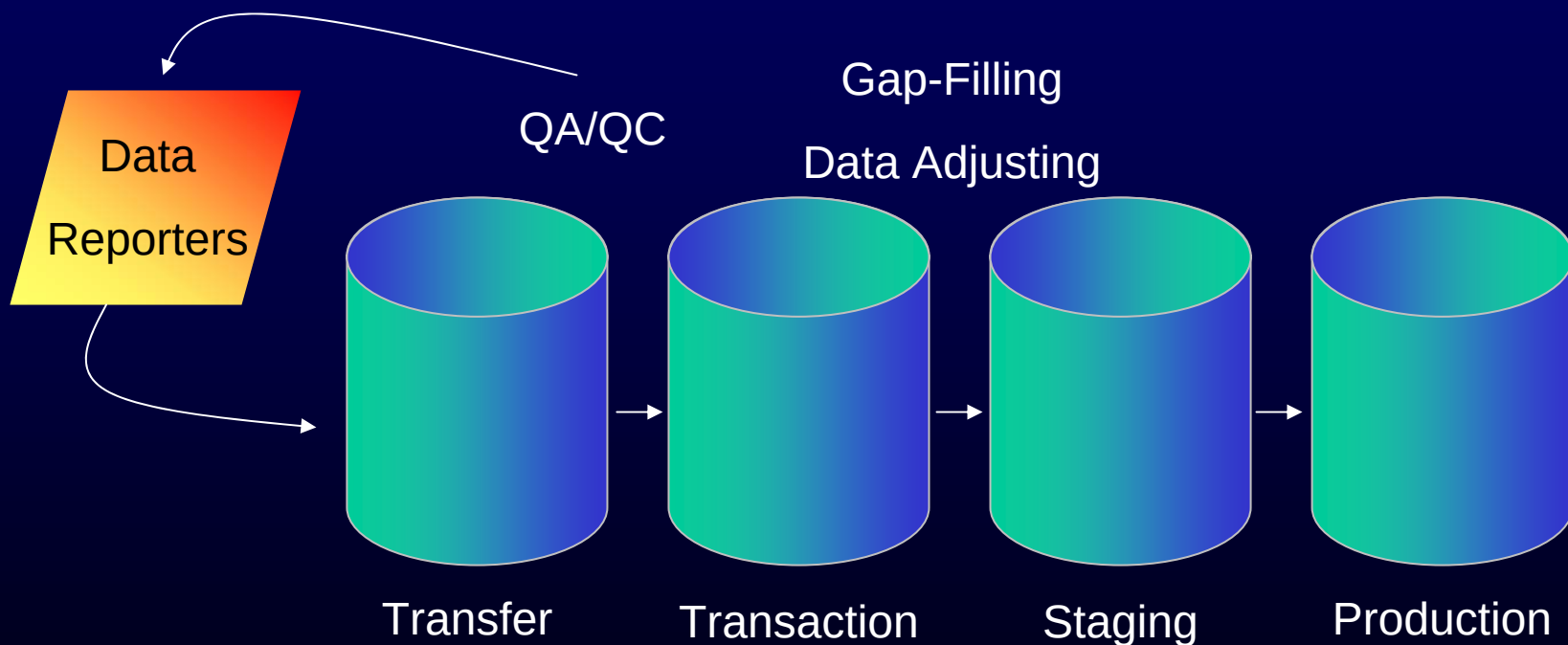
- UNC Data Center
- Public Institution
- Low-Level DBA Activities
- Network Infrastructure
- Communications
- Software Platform Licenses

Conceptual Data Model



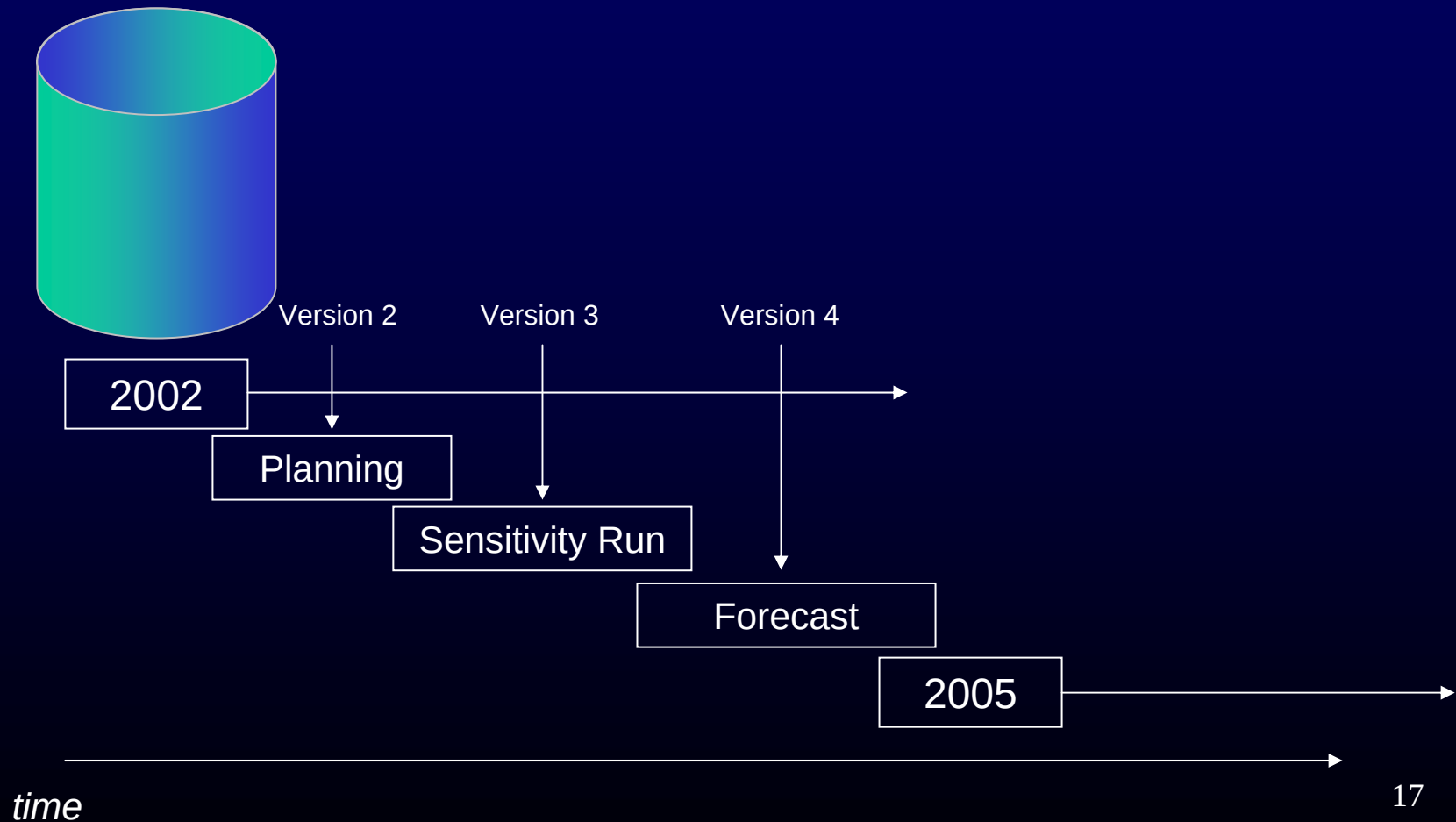
Database Phases

Data Take On – QA/QC



Inventory Types

Data Structure



Interface

WRAP edms

Western Regional Air Partnership
Emissions Data Management System

[Home](#)[EDMS](#)[Register](#)[Self Help](#)[FAQs](#)[Events](#)[Documents](#)[Public Links](#)[Report a Problem](#)

» What is EDMS ?

The Emissions Data Management System (EDMS) is an emission inventory data warehouse and web-based application that provides a consistent approach to regional emissions tracking to meet the requirements for State Implementation Plan (SIP) and Tribal Implementation Plan (TIP) development and periodic review and updates. The EDMS serves as a central regional emissions inventory d...

[More Info](#)

» Latest Events

- [October 21, 2004 EDMS Training](#)
- [October 20, 2004 Emissions Forum Meeting](#)

[More Info](#)

» Registration

In keeping with the goals of the Rule, EDMS Users are required to register.

Registration enables them to use the tools that have been made for this purpose and further gives them access to exclusive information.

[Register Here](#)

» Members Login

EDMS approved members are required to Login from here :

Login ID

Password

* Login ID & Password are case sensitive

[Register](#)[Forgot Password](#)

FAQs (Frequently Asked Questions)

Total FAQs : 13 Showing Page : 1 of 2

Go to Page : [60](#)

- » What is Regional Haze? [View Details](#)
- » What is the Regional Haze Rule? [View Details](#)
- » What is the Western Regional Air Partnership--the WRAP? [View Details](#)
- » How will the EDMS assist the WRAP in meeting the requirements of the Regional Haze Rule? [View Details](#)
- » What is the Regional Modeling Center? [View Details](#)
- » What is the relationship between the Regional Modeling Center and EDMS? [View Details](#)
- » I cannot view the GIS portion of the EDMS, what do I need to do? [View Details](#)
- » I cannot view some of the documents available on the EDMS site, what do I need to do? [View Details](#)
- » What is a Source Classification Code (SCC)? [View Details](#)
- » How does WRAP make decisions? [View Details](#)

[Previous](#) | [Next](#)

Documents

Total Documents : 11 Showing Page : 1 of 2

Go to Page : [60](#)

- | | |
|---|--------------------------|
| » EDMS User Manual | OpenURL |
| » EPA Notes on the Preliminary 2002 NEI | Download |
| » Locomotives and Marine Engines - ANPR summary | Download |
| » EPA's Proposed Amendments to the Regional Haze Rule and Draft BART Guidelines Proposal as published in the Federal Register | Download |
| » WRAP Participation: Benefits and Commitments | Download |
| » Facts about the WRAP | Download |
| » WRAP Interest/Sign-up Form | Download |
| » Tribal Data Development Work Group Fact Sheet | Download |
| » EPA's Proposed Amendments to the Regional Haze Rule and Draft BART Guidelines Proposal | Download |
| » EPA's Proposed Amendments to the Regional Haze Rule and Draft BART Guidelines Fact Sheet | Download |

[Previous](#) | [Next](#)

Dashboard

Please use the Main Menu to navigate to the feature of your choice.

[Standard Reports](#)

General

CAC

PTSO2

Mobile

Fire

No.	Description	Graphs & Tabular Data	Snapshot Download
1.	Summary Report - All Sectors : A summary report of the annual WRAP emission inventory, compiled at the county and reservation levels and totaled for each state, tribe, and the WRAP region, for all Pollutants, broken down by point, area, mobile, fire, biogenic, and windblown dust source categories, and by summed total emissions for all six source categories.		
2.	Point Sources by Name : A summary report of the annual WRAP emissions from the stationary point sources in each county and reservation and the stationary point sources for each state, tribe and the entire region (broken down by plant name), for each pollutant.		
3.	Point Sources by SCC : A summary report of the annual WRAP emissions from the stationary point sources in each county and reservation and the stationary point sources for each state, tribe and the entire region (broken down by SCC code), for each pollutant.		
4.	Area Sources by SCC : A summary report of the annual WRAP emissions from the area sources in each county and reservation and the area sources for each state, tribe and the entire region.		
5.	Point Sources by Name Top 10 Report : A summary report of the annual WRAP emissions from the Top 10 stationary point sources in each county and reservation and the Top 10 stationary point sources for each state, tribe and the entire region (broken down by plant name), for each pollutant.		
6.	Point Sources by SCC Top 10 Report : A summary report of the annual WRAP emissions from the Top 10 stationary point sources in each county and reservation and the Top 10 stationary point sources for each state, tribe and the entire region (broken down by SCC code), for each pollutant.		
7.	Area Sources Top 10 Report : A summary report of the annual WRAP emissions from the Top 10 area sources in each county and reservation and the Top 10 area sources for each state, tribe and the entire region (broken down by SCC code), for each pollutant.		
8.	Summary Report - On-road Mobile : A summary report of the annual WRAP emissions from on-		

Standard Reports

GENERAL REPORTS

1. Summary Report - All Sectors
2. Point Sources by Name
3. Point Sources by SCC
4. Area Sources by SCC
5. Point Sources by Name Top 10 Report
6. Point Sources by SCC Top 10 Report
7. Area Sources Top 10 Report
8. Summary Report - On-road Mobile
9. Summary Report - Non-road Mobile
10. Summary Report - Fire
11. Summary Report - Biogenic
12. CERR Export
13. Point Sources Site Report

Standard Reports

Clean Air Corridor (CAC) Reports

1. CAC Emissions
2. CAC Buffer Emissions
3. CAC Base Year Comparison

Pre-Trigger SO2 Reports

1. Summary Report >100 tpy
2. New Sources (Last Year) > 100 tpy
3. Retired Sources > 100 tpy
4. 20% Comparison Report
5. Opt In Sources
6. New Sources (Base Year) > 100 tpy

Standard Reports

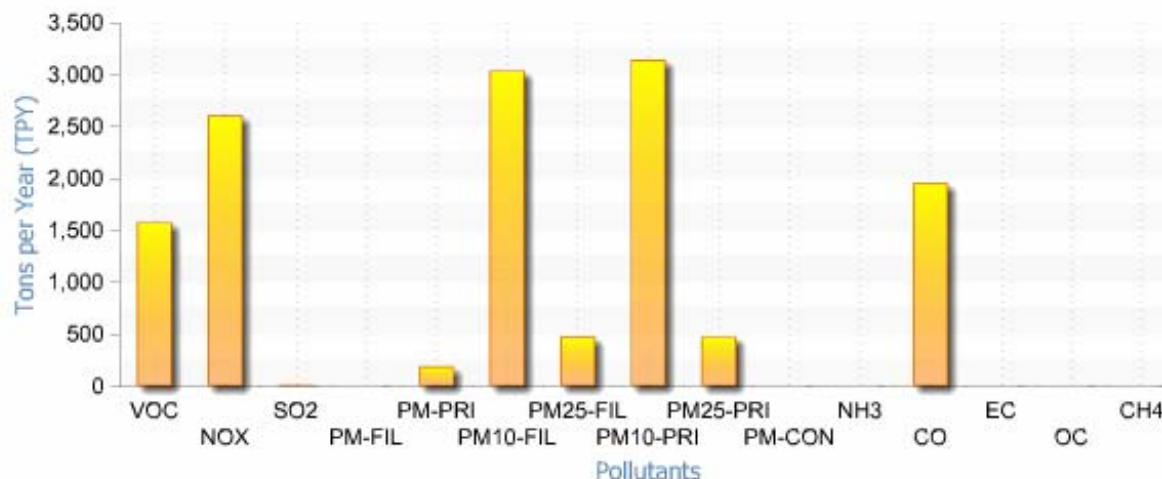
Graphical Chart View

Tabular Data View

State/Tribal : County : Sectors :
 Inventory ID : Name : Year : Description :

Summary Report - All Sectors

State : Colorado, County : Cheyenne Co, Sector : All, Inventory ID : 5, Year : 2002



Graph Types



Bar



Pie



Doughnut



Line

Export Types



JPG



PDF

Standard Reports

[Graphical Chart View](#)
[Tabular Data View](#)

State/Tribal :

County :

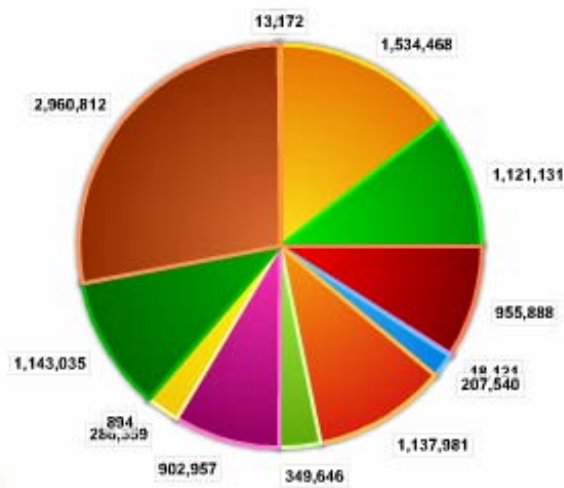
Sectors :

Inventory ID :

[GO](#)

Summary Report - All Sectors

All States and Tribes, All Counties, Sector : All sectors, Inventory ID : 5



Tons per Year (TPY)

Graph Types



Bar



Pie



Doughnut



Line

Export Types



JPG



PDF

Standard Reports

Graphical Chart View

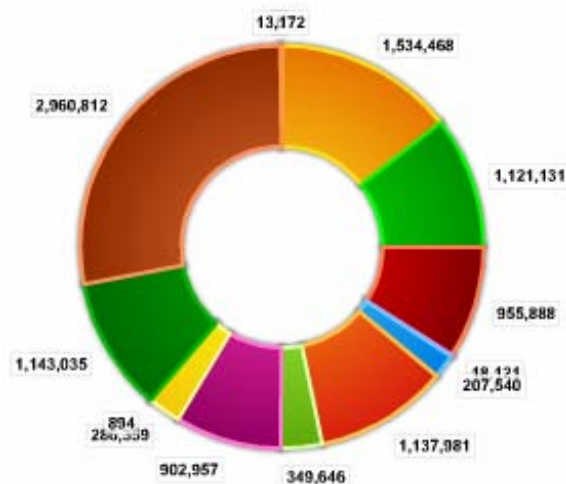
Tabular Data View

State/Tribal :
 County :
 Sectors :

Inventory ID :

Summary Report - All Sectors

All States and Tribes, All Counties, Sector : All sectors, Inventory ID : 5



Tons per Year (TPY)

Graph Types



Bar



Pie



Doughnut



Line

Export Types



JPG



PDF

Standard Reports

Graphical Chart View

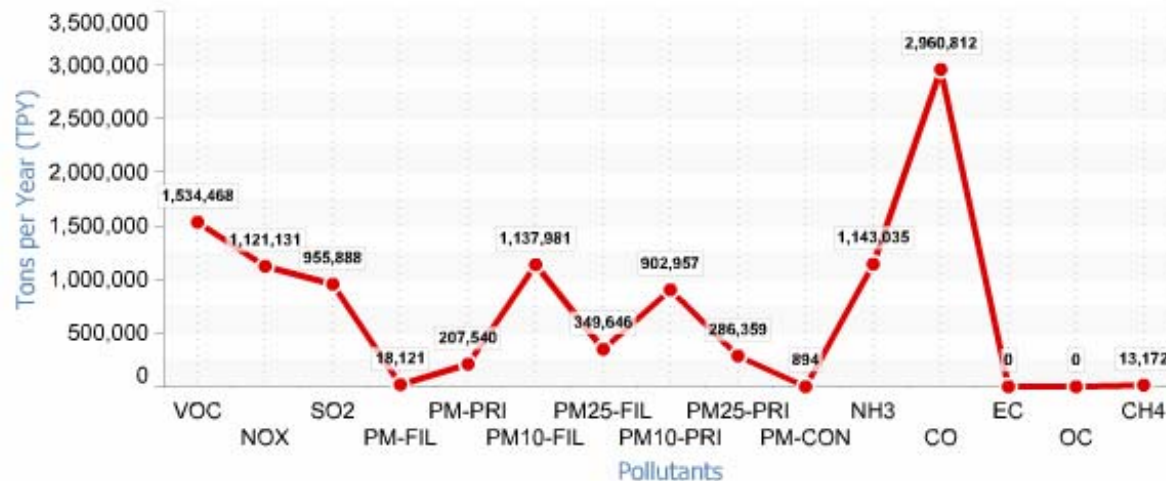
Tabular Data View

State/Tribal :
 County :
 Sectors :

Inventory ID :

Summary Report - All Sectors

All States and Tribes, All Counties, Sector : All sectors, Inventory ID : 5



Graph Types



Bar



Pie



Doughnut



Line

Export Types



JPG



PDF

Standard Reports

[Graphical Chart View](#)
[Tabular Data View](#)

Criteria >>All States and Tribes, All Counties, Sector : All sectors, Inventory ID : 1, Year : 2002



Export

	STATE	COUNTY	VOC (TPY)	NOX (TPY)	SO2 (TPY)	PM_FIL
REPORT TOTAL			3620067	3961057	1259378	
	02 ALASKA		246090	150177	34497	
		013 ALEUTIANS EAST BOROUGH	686	156	14	
		016 ALEUTIANS WEST CENSUS AR	280	276	29	
		020 ANCHORAGE BOROUGH	10916	8614	604	
		050 BETHEL CENSUS AREA	14811	6963	1811	
		060 BRISTOL BAY BOROUGH	237	96	14	
		068 DENALI BOROUGH	9640	4413	1210	
		070 DILLINGHAM CENSUS AREA	5279	2438	634	
		090 FAIRBANKS NORTH STAR BOROUGH	8431	10614	4300	

Selected features

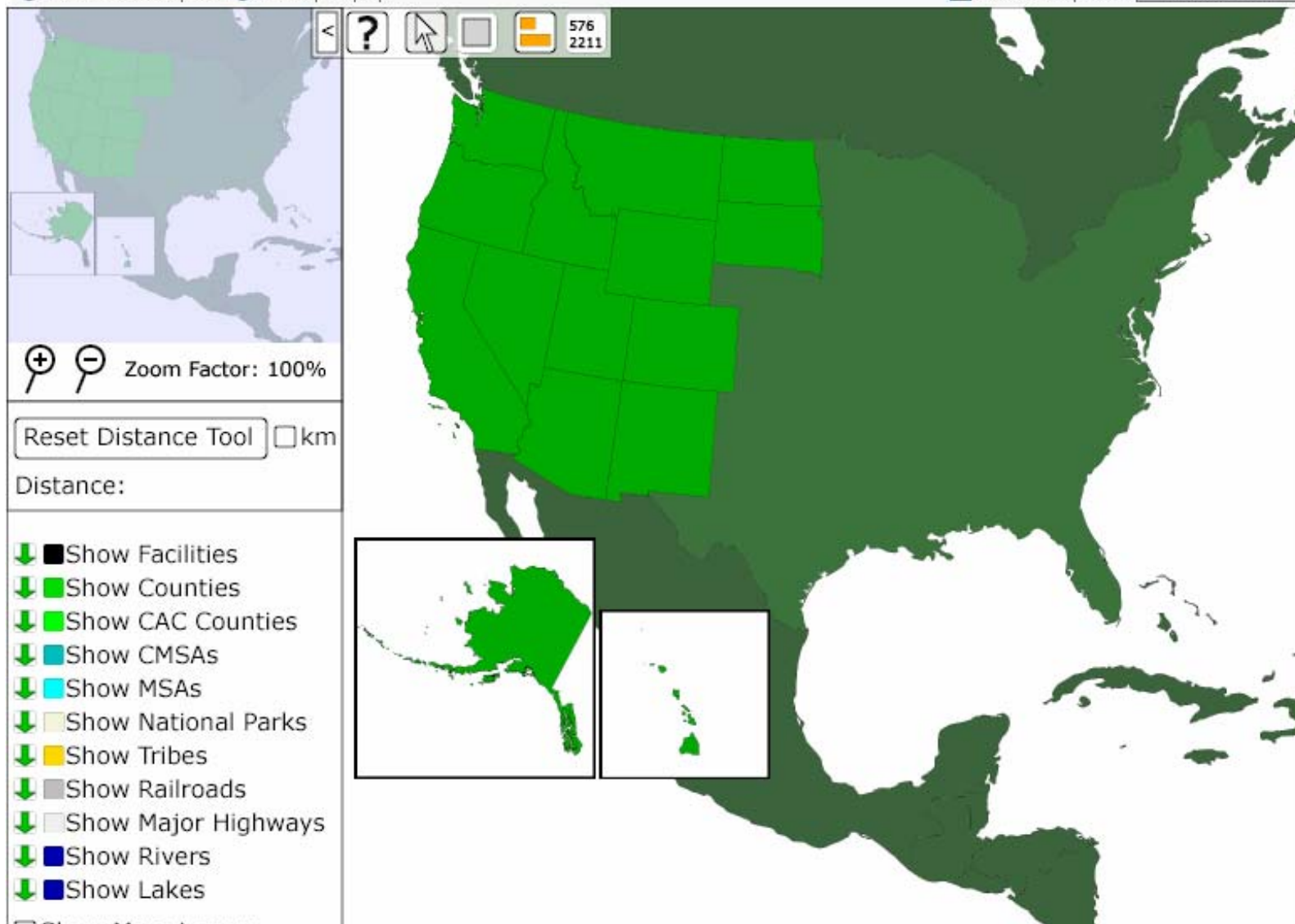
Update

Data Year: 2001
Data Name: TEST 2001V3 EF
Data Version: 1

- ☒ Point ☒ Fire
☒ Area ☒ Biogenic
☒ On Road Mobile ☒ Windblown Dust
☒ Non Road

☐ HTML Tabular Report ☒ GIS Map Display

☐ Fetch Facility Data [Run Report >>](#)



GIS / Dynamic Reports

Selected features

Data Year: 2001
Data Name: TEST 2001V3 EF
Data Version: 1

Update

☒ Point
☒ Area
☒ On Road Mobile
☒ Non Road
☒ Fire
☒ Biogenic
☒ Windblown Dust

☐ HTML Tabular Report ☒ GIS Map Display

☐ Fetch Facility Data

Run Report >>



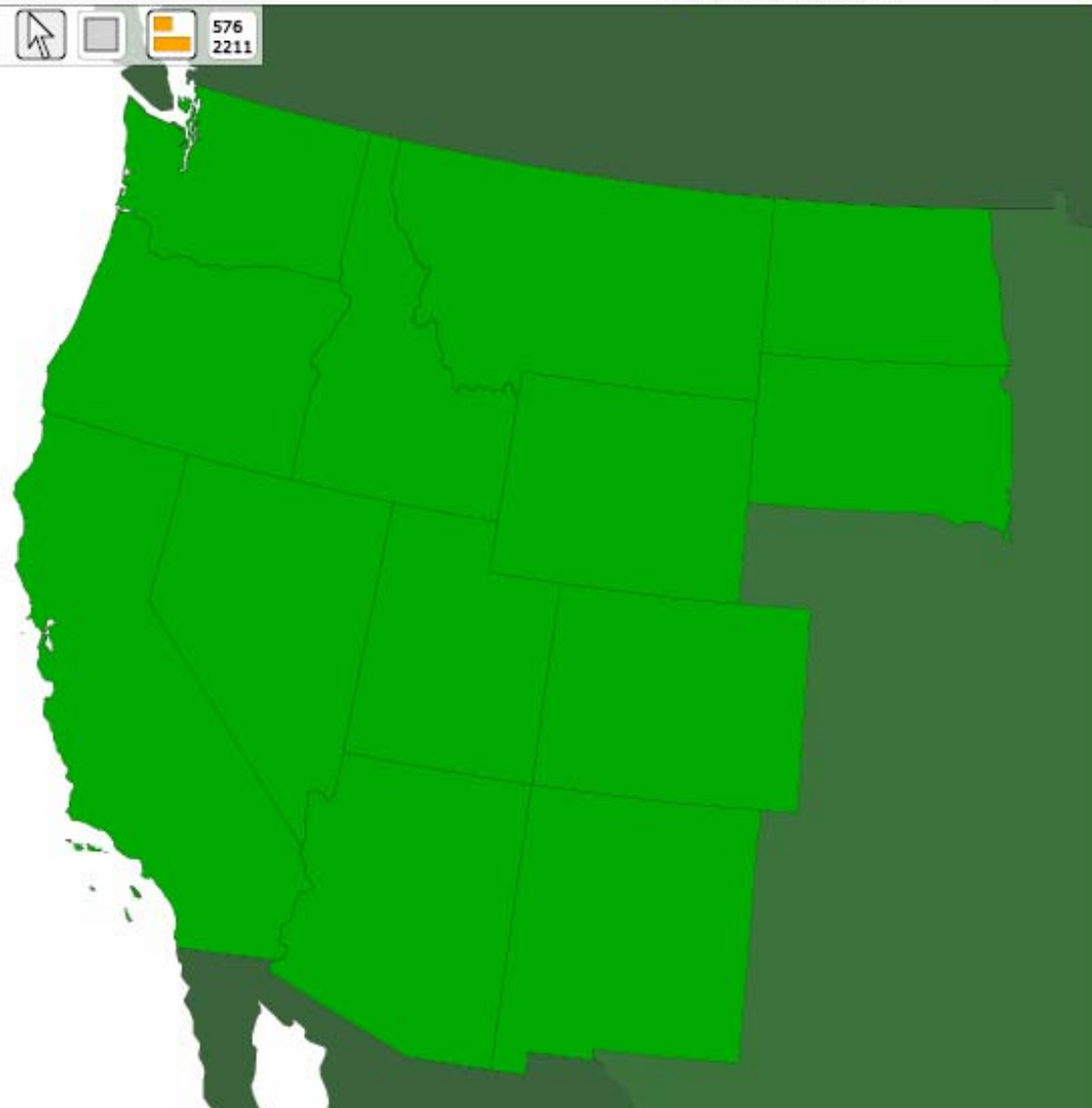
Zoom Factor: 200%

Reset Distance Tool ☐ km

Distance:

- ☒ Show Facilities
- ☒ Show Counties
- ☒ Show CAC Counties
- ☒ Show CMSAs
- ☒ Show MSAs
- ☒ Show National Parks
- ☒ Show Tribes
- ☒ Show Railroads
- ☒ Show Major Highways
- ☒ Show Rivers
- ☒ Show Lakes

☐ Show More Layers



GIS / Dynamic Reports

Selected features

Update

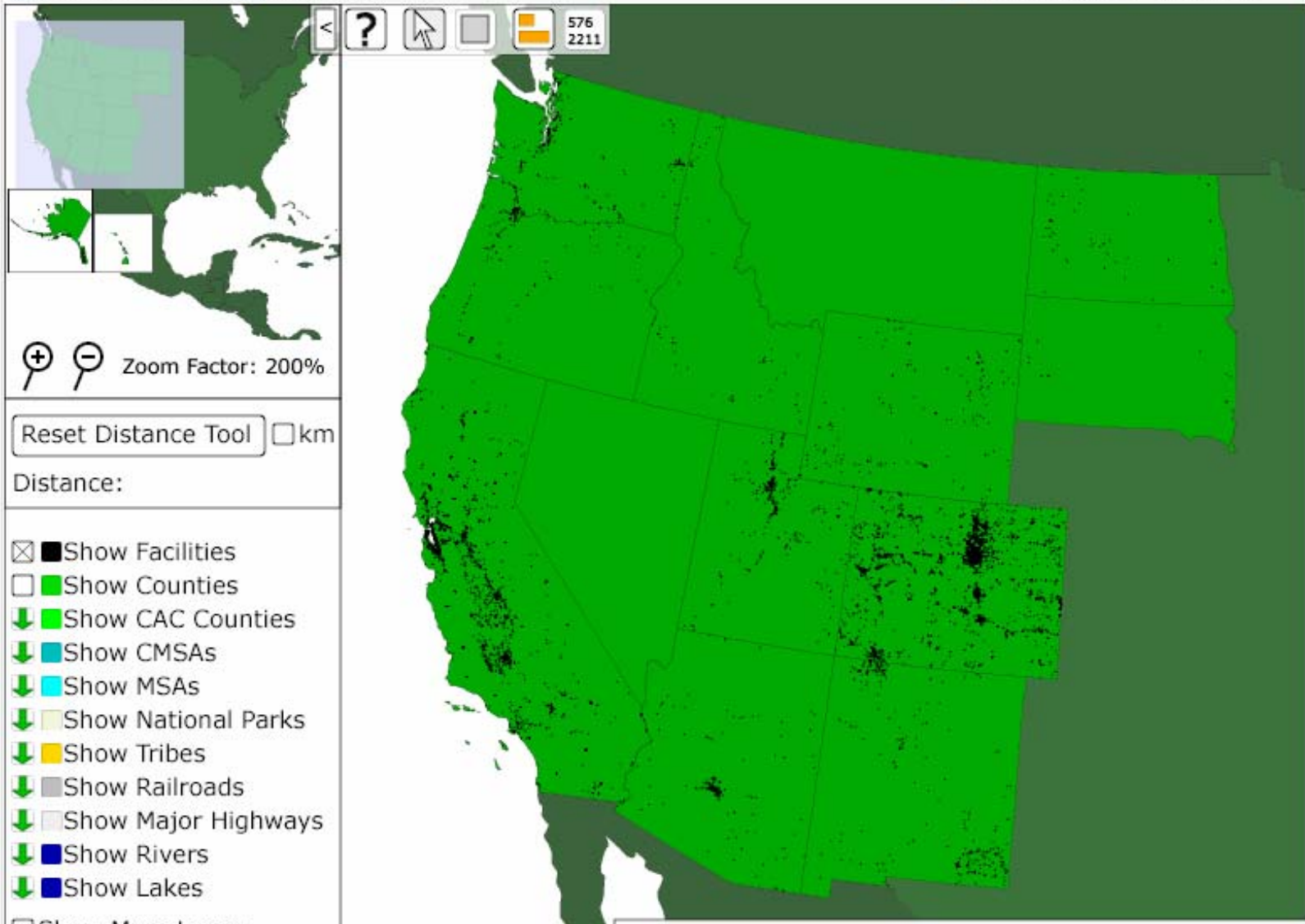
Data Year: 2002
Data Name: TRAINING 2002
Data Version: 5

- ☒ Point ☒ Fire
☒ Area ☒ Biogenic
☒ On Road Mobile ☒ Windblown Dust
☒ Non Road

☐ HTML Tabular Report ☒ GIS Map Display

☐ Fetch Facility Data

Run Report >>



GIS / Dynamic Reports

Selected features

Update

Data Year: 2002
Data Name: TRAINING 2002
Data Version: 5

- ☒ Point
☒ Area
☒ On Road Mobile
☒ Non Road
☒ Fire
☒ Biogenic
☒ Windblown Dust

☐ HTML Tabular Report ☒ GIS Map Display

☐ Fetch Facility Data

Run Report >>

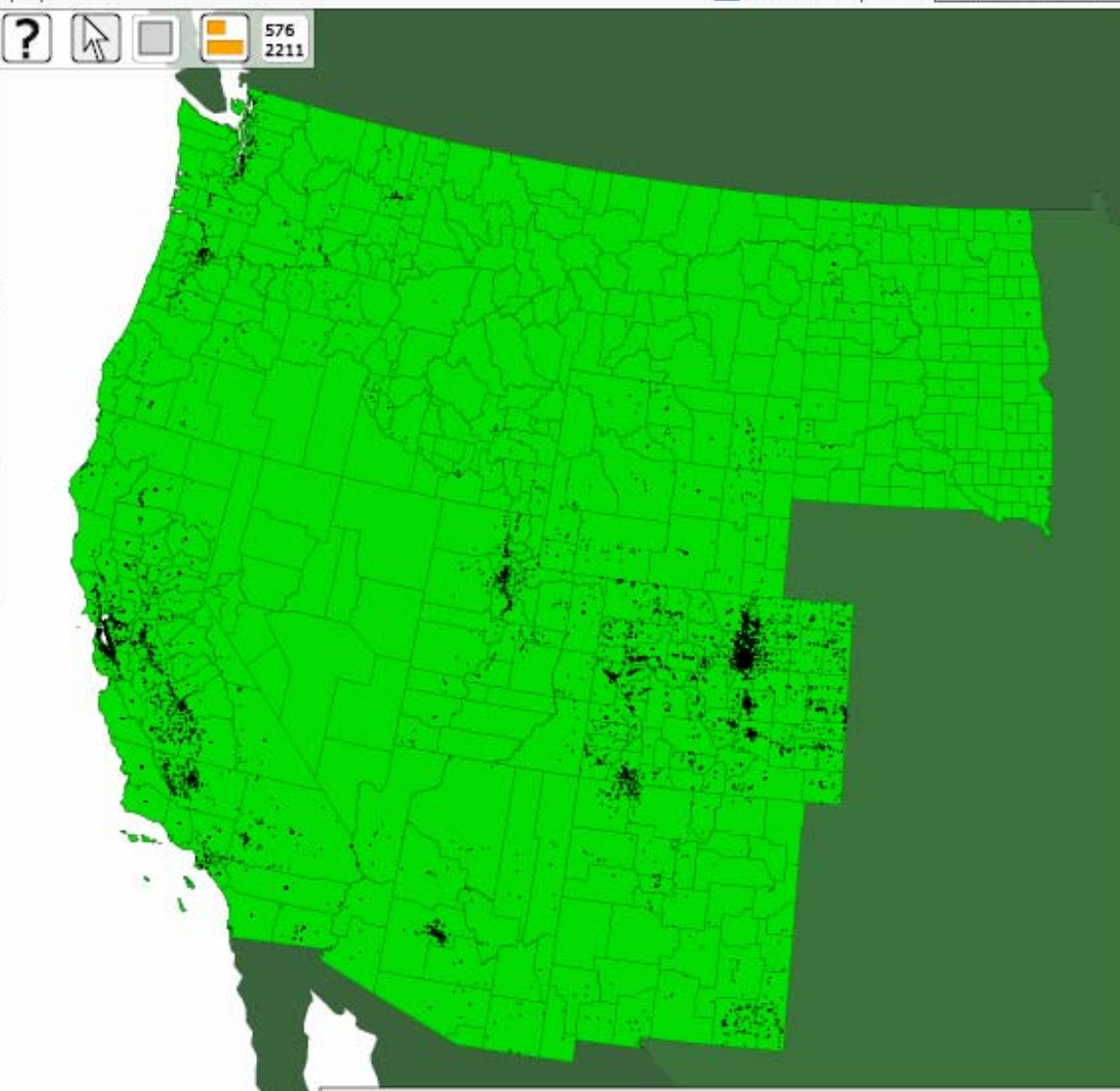


Zoom Factor: 200%

Reset Distance Tool ☐ km

Distance:

- ☒ Show Facilities
- ☒ Show Counties
- ☒ Show CAC Counties
- ☒ Show CMSAs
- ☒ Show MSAs
- ☒ Show National Parks
- ☒ Show Tribes
- ☒ Show Railroads
- ☒ Show Major Highways
- ☒ Show Rivers
- ☒ Show Lakes



Selected features

Data Year: 2002
Data Name: TRAINING 2002
Data Version: 5

Update

- ☒ Point ☒ Fire
☒ Area ☒ Biogenic
☒ On Road Mobile ☒ Windblown Dust
☒ Non Road

☐ HTML Tabular Report ☒ GIS Map Display

☐ Fetch Facility Data [Run Report >>](#)

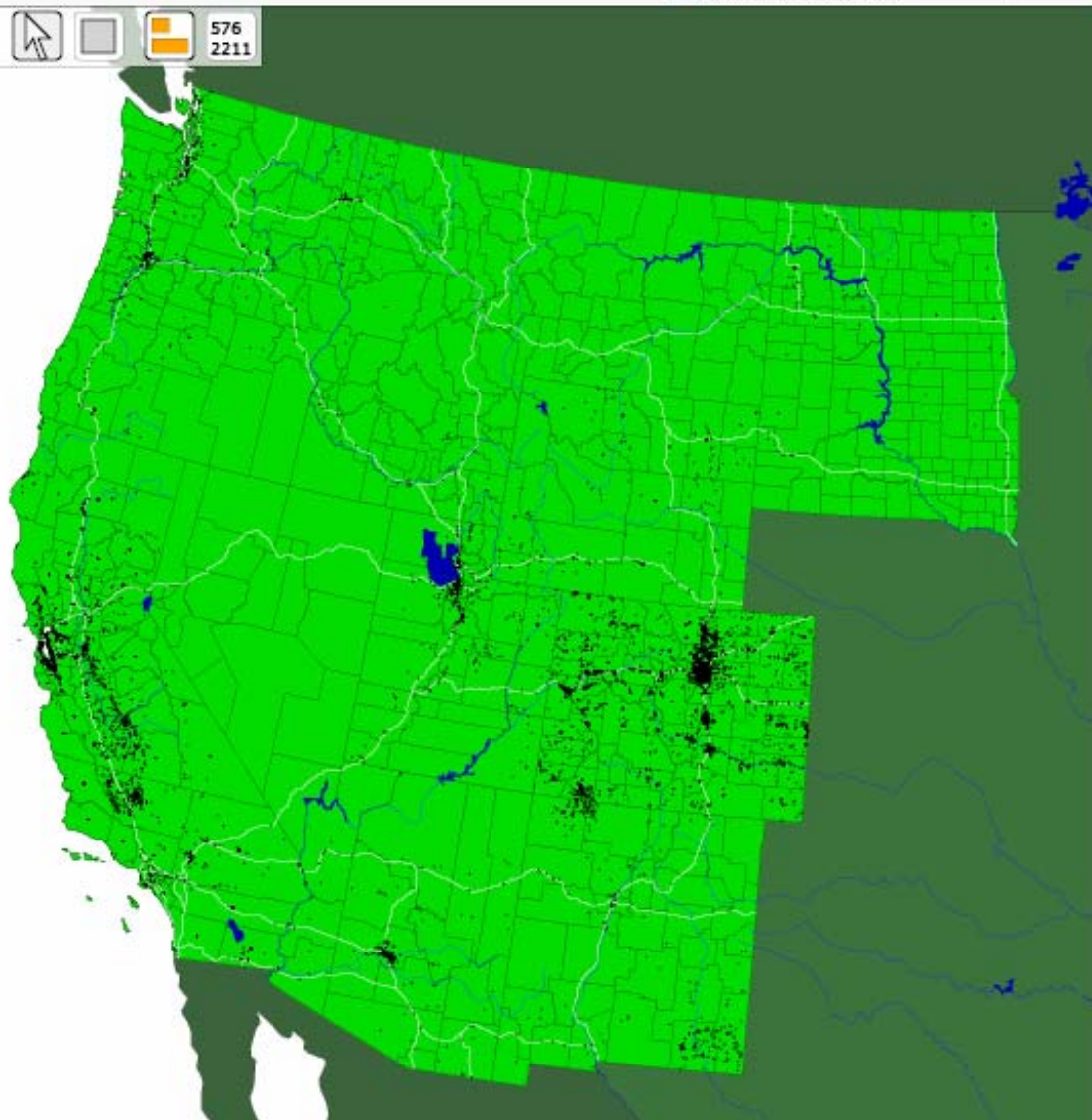


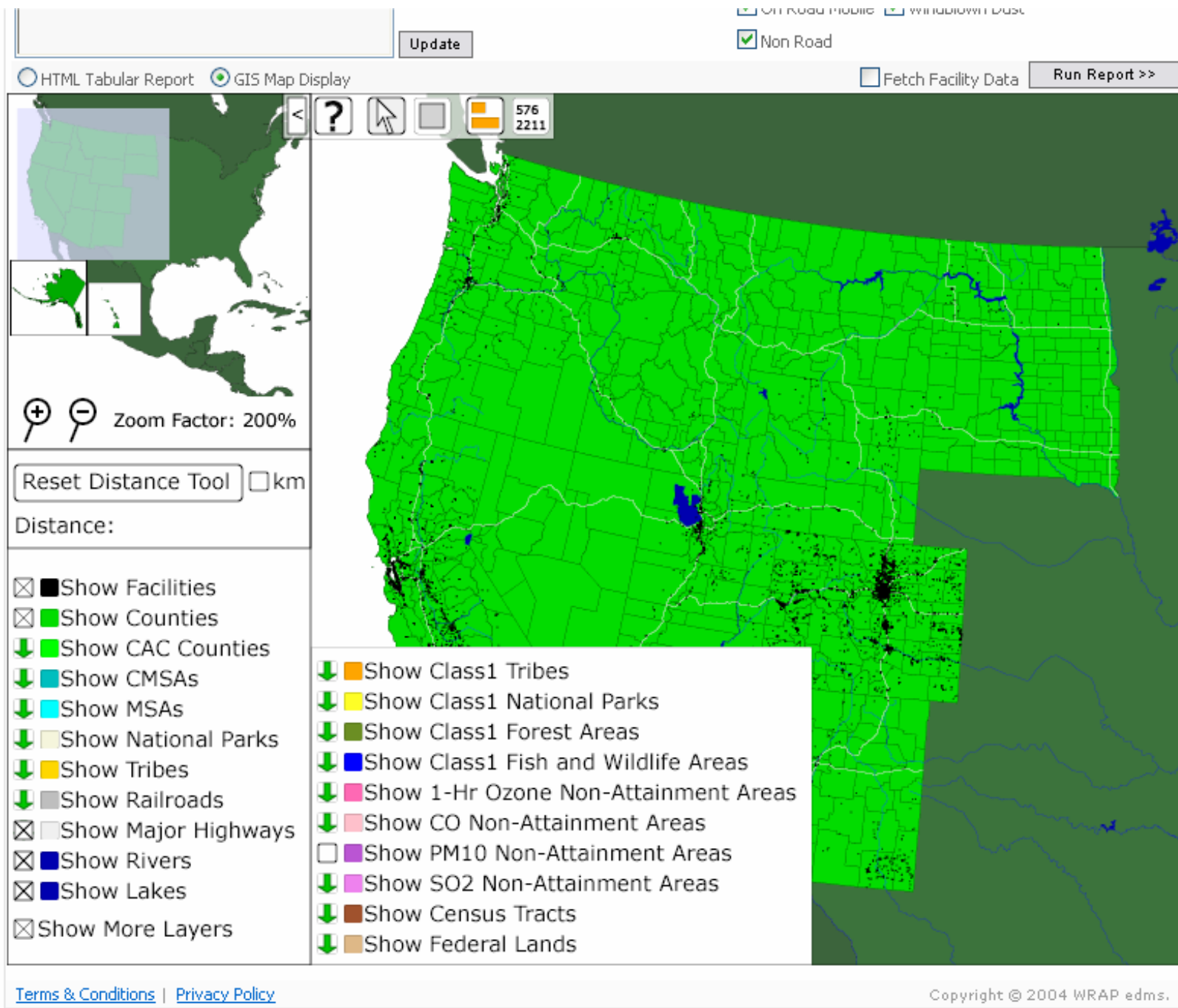
Zoom Factor: 200%

☐ km

Distance:

- ☒ Show Facilities
- ☒ Show Counties
- ☒ Show CAC Counties
- ☒ Show CMSAs
- ☒ Show MSAs
- ☒ Show National Parks
- ☒ Show Tribes
- ☒ Show Railroads
- ☒ Show Major Highways
- ☒ Show Rivers
- ☒ Show Lakes
- ☐ Show More Layers



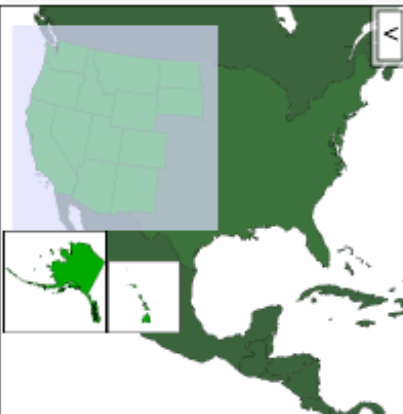


Update

☐ HTML Tabular Report
 ☒ GIS Map Display

☐ Fetch Facility Data

Run Report >>

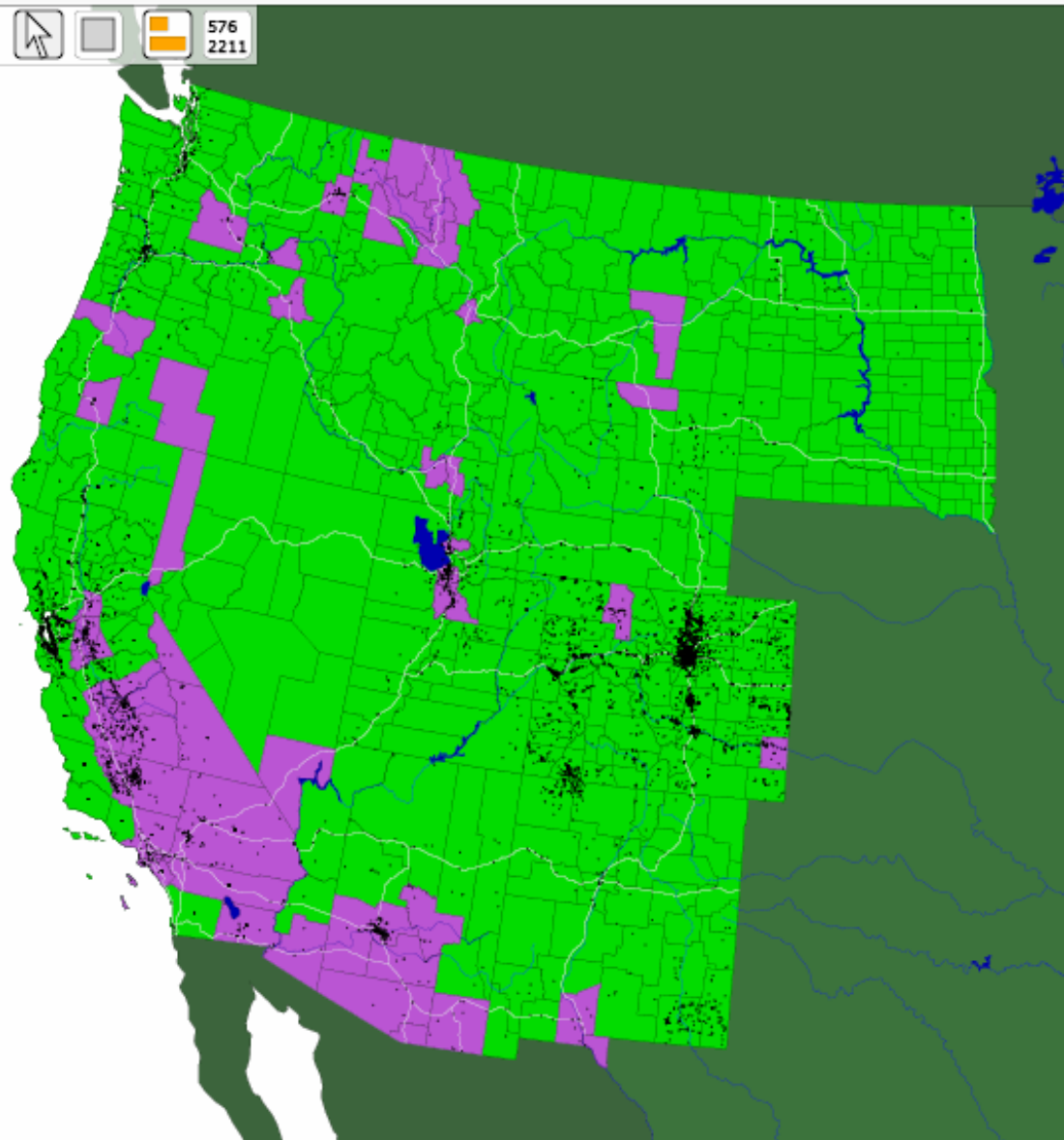


Zoom Factor: 200%

☐ km

Distance:

- ☒ Show Facilities
- ☒ Show Counties
- ☒ Show CAC Counties
- ☒ Show CMSAs
- ☒ Show MSAs
- ☒ Show National Parks
- ☒ Show Tribes
- ☒ Show Railroads
- ☒ Show Major Highways
- ☒ Show Rivers
- ☒ Show Lakes
- ☐ Show More Layers



Selected features

Update

Data Year: 2001
Data Name: TEST 2001V3 EF
Data Version: 1

- ☒ Point ☒ Fire
☒ Area ☒ Biogenic
☒ On Road Mobile ☒ Windblown Dust
☒ Non Road

☐ HTML Tabular Report ☒ GIS Map Display

☐ Fetch Facility Data [Run Report >>](#)

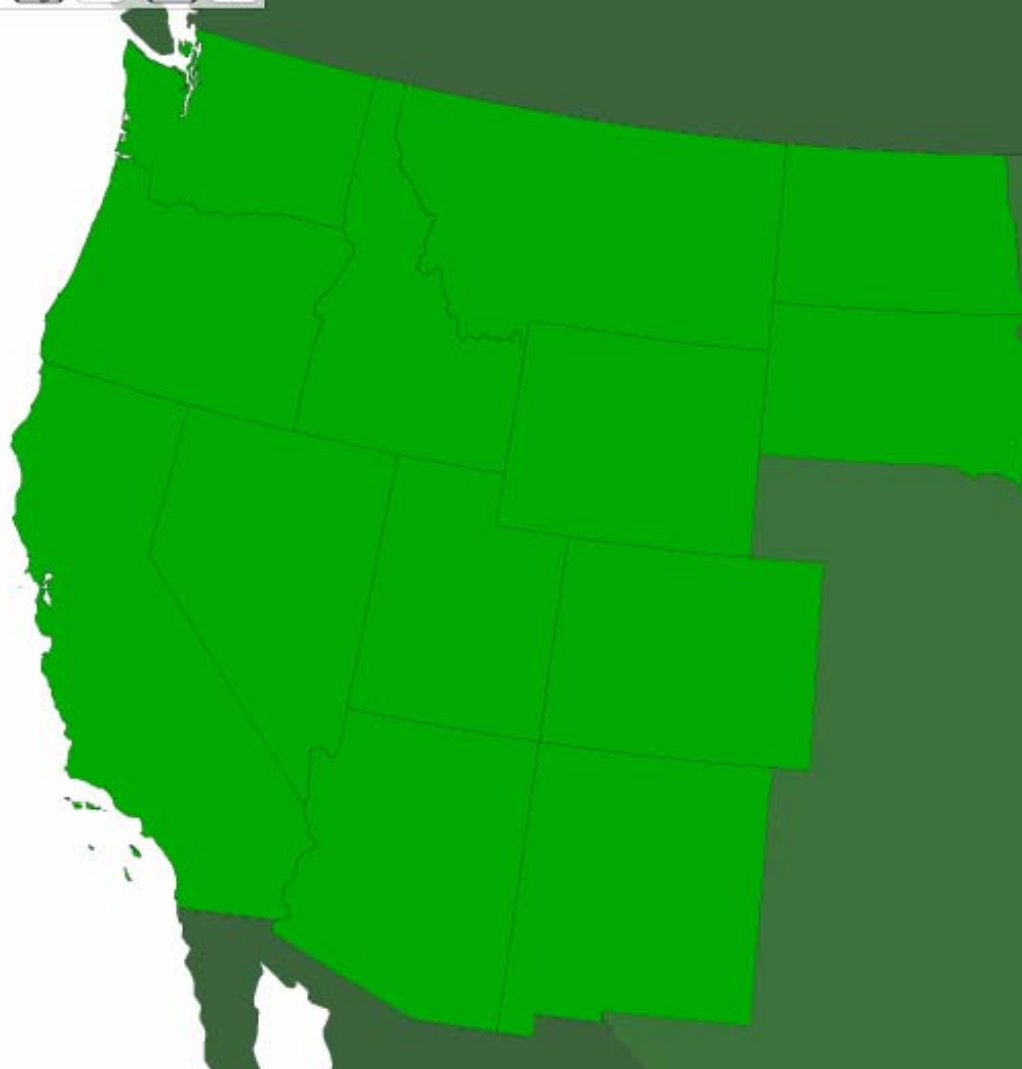


Zoom Factor: 200%

Reset Distance Tool ☐ km

Distance:

- ☒ Show Facilities
- ☒ Show Counties
- ☒ Show CAC Counties
- ☒ Show CMSAs
- ☒ Show MSAs
- ☒ Show National Parks
- ☒ Show Tribes
- ☒ Show Railroads
- ☒ Show Major Highways
- ☒ Show Rivers
- ☒ Show Lakes



GIS / Dynamic Reports

Selected features

Data Year: 2001
Data Name: TEST 2001V3 EF
Data Version: 1

Update

- ☒ Point ☒ Fire
☒ Area ☒ Biogenic
☒ On Road Mobile ☒ Windblown Dust
☒ Non Road

☐ HTML Tabular Report ☒ GIS Map Display

☐ Fetch Facility Data

Run Report >>

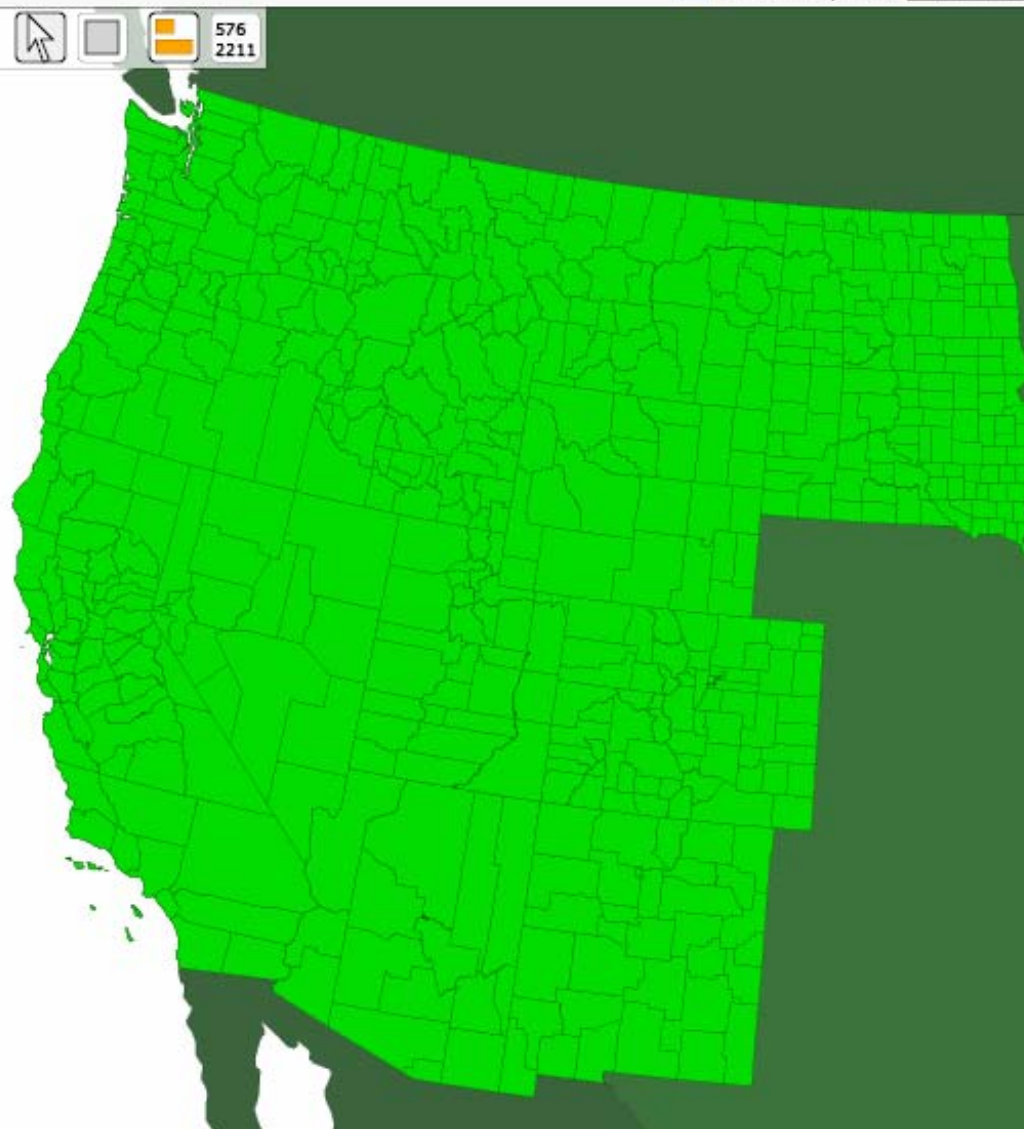


Zoom Factor: 200%

Reset Distance Tool ☐ km

Distance:

- ☒ Show Facilities
- ☒ Show Counties
- ☒ Show CAC Counties
- ☒ Show CMSAs
- ☒ Show MSAs
- ☒ Show National Parks
- ☒ Show Tribes
- ☒ Show Railroads
- ☒ Show Major Highways
- ☒ Show Rivers
- ☒ Show Lakes



GIS / Dynamic Reports

Selected features

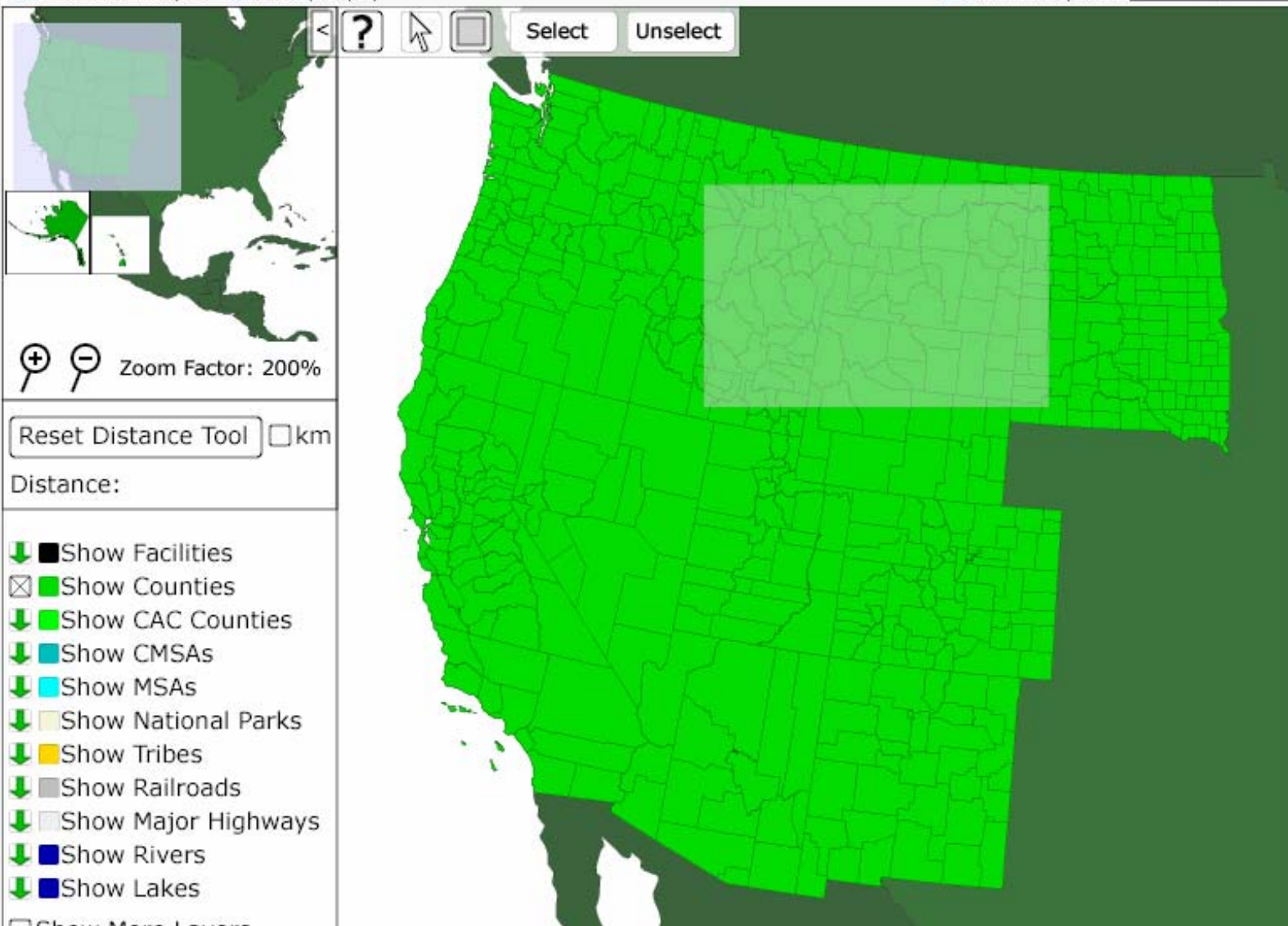
Update

Data Year: 2001
Data Name: TEST 2001V3 EF
Data Version: 1

- ☒ Point
- ☒ Fire
- ☒ Area
- ☒ Biogenic
- ☒ On Road Mobile
- ☒ Windblown Dust
- ☒ Non Road

☐ HTML Tabular Report ☒ GIS Map Display

☐ Fetch Facility Data [Run Report >>](#)



GIS / Dynamic Reports

Selected features

Update

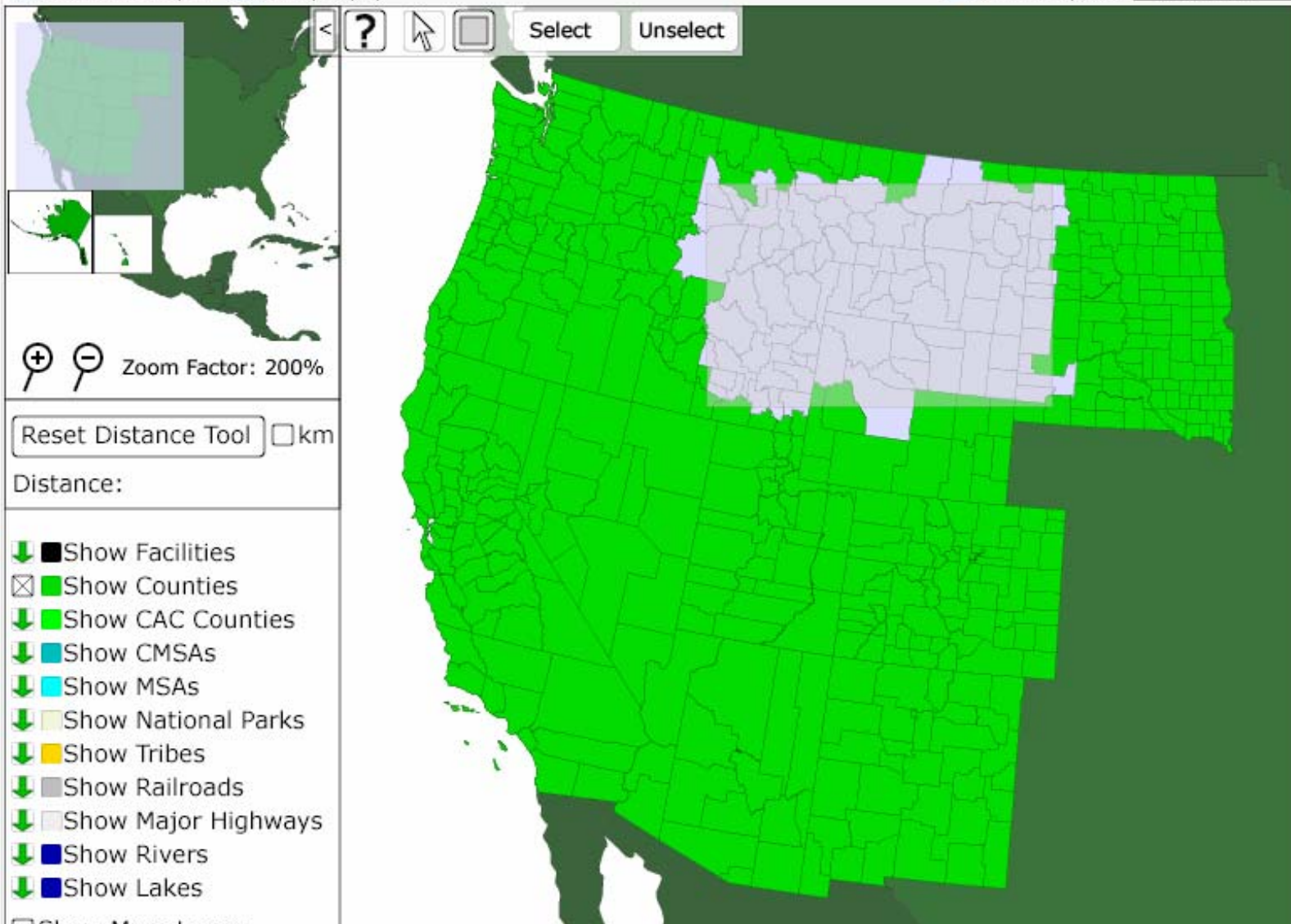
Data Year: 2001
Data Name: TEST 2001V3 EF
Data Version: 1

- ☒ Point ☒ Fire
☒ Area ☒ Biogenic
☒ On Road Mobile ☒ Windblown Dust
☒ Non Road

☐ HTML Tabular Report ☒ GIS Map Display

☐ Fetch Facility Data

Run Report >>



GIS / Dynamic Reports

Selected counties

Bannock (16005)
Bingham (16011)
Blaine (16013)
Bonneville (16019)
Butte (16023)

Update

Data Year:

2001

Data Name:

TEST 2001V3 EF

Data Version:

1

☒ Point

☒ Fire

☒ Area

☒ Biogenic

☒ On Road Mobile

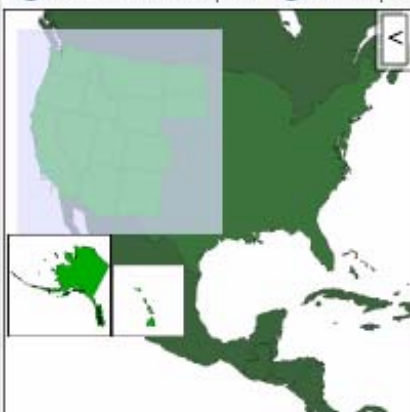
☒ Windblown Dust

☒ Non Road

☐ HTML Tabular Report ☒ GIS Map Display

☐ Fetch Facility Data

Run Report >>

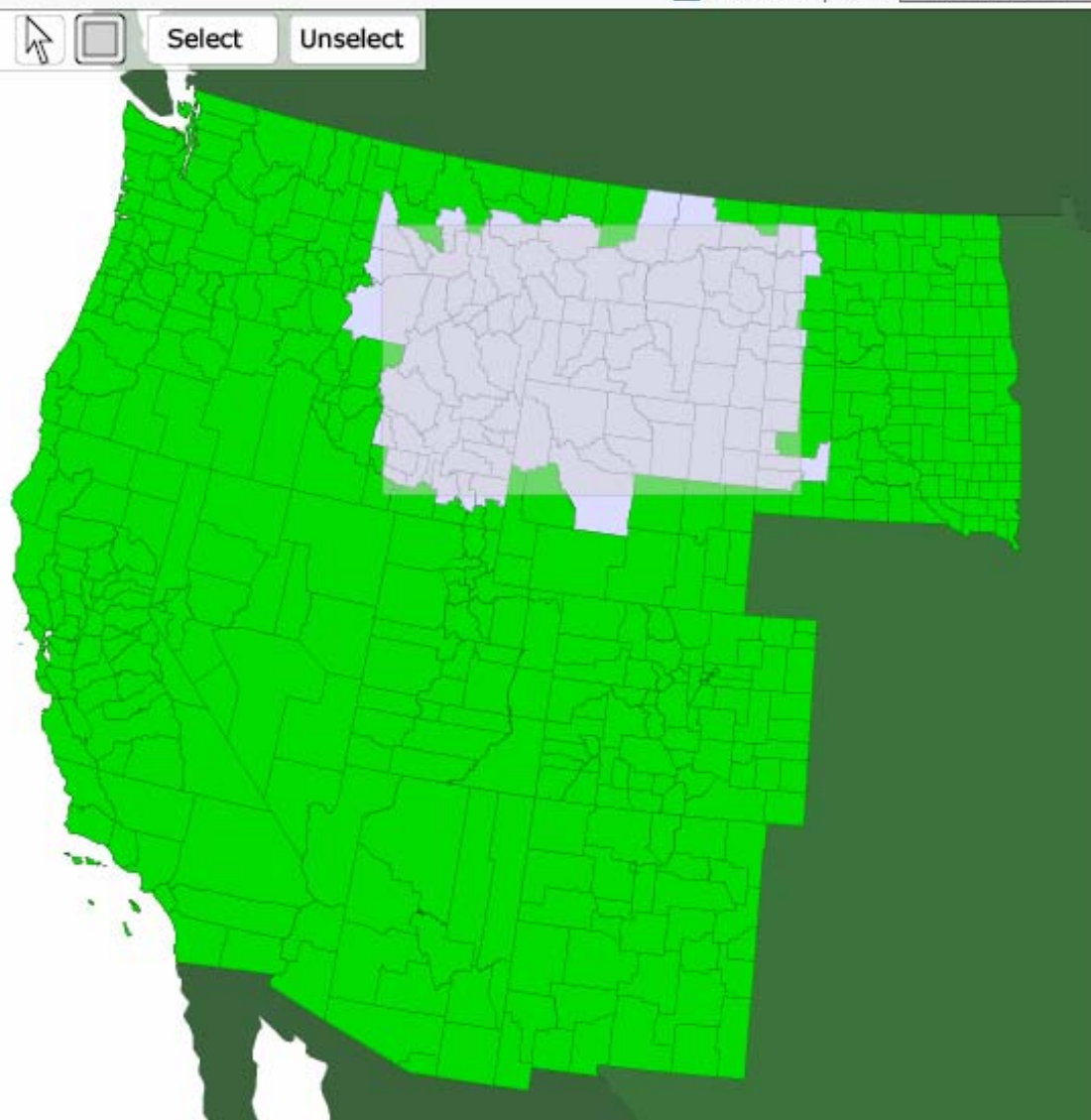


Zoom Factor: 200%

Reset Distance Tool ☐ km

Distance:

- ☒ Show Facilities
- ☒ Show Counties
- ☒ Show CAC Counties
- ☒ Show CMSAs
- ☒ Show MSAs
- ☒ Show National Parks
- ☒ Show Tribes
- ☒ Show Railroads
- ☒ Show Major Highways
- ☒ Show Rivers
- ☒ Show Lakes



GIS / Dynamic Reports

Selected counties

Bannock (16005)
Bingham (16011)
Blaine (16013)
Bonneville (16019)
Butte (16023)

Update

Data Year: 2002
Data Name: TRAINING 2002
Data Version: 5

☒ Point ☒ Fire
☒ Area ☒ Biogenic
☒ On Road Mobile ☒ Windblown Dust
☒ Non Road

☐ HTML Tabular Report ☒ GIS Map Display

☐ Fetch Facility Data [Run Report >>](#)

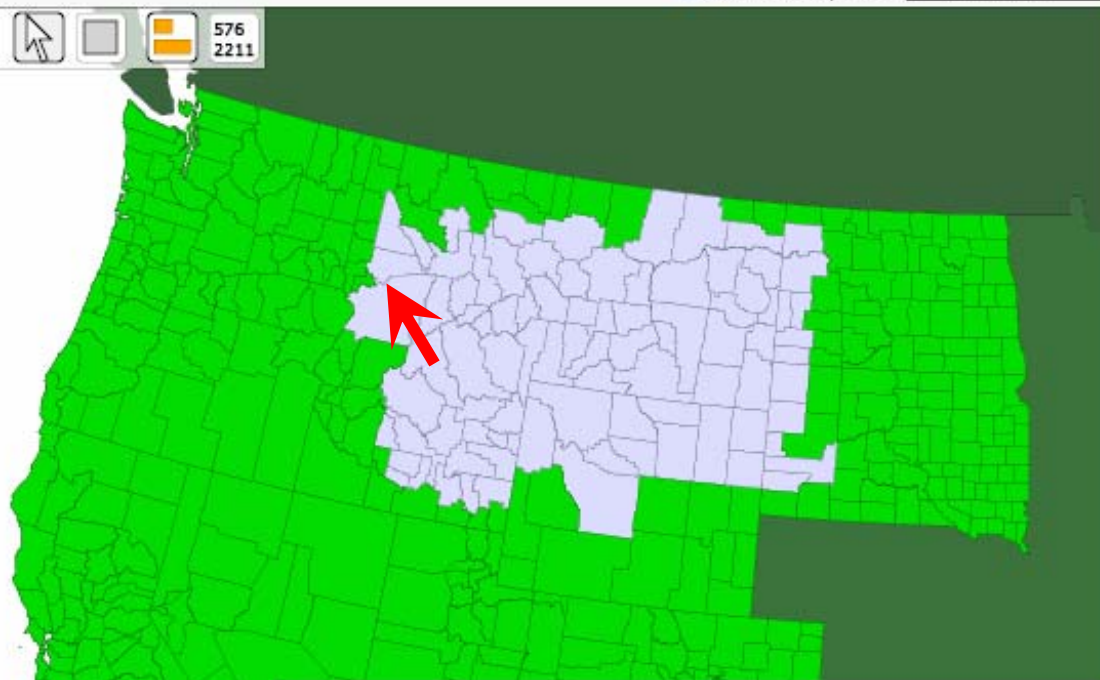


Zoom Factor: 200%

☐ km

Distance:

- ☒ Show Facilities
- ☒ Show Counties
- ☒ Show CAC Counties
- ☒ Show CMSAs
- ☒ Show MSAs
- ☒ Show National Parks
- ☒ Show Tribes
- ☒ Show Railroads
- ☒ Show Major Highways
- ☒ Show Rivers
- ☒ Show Lakes



Idaho (16049)

Tribal data does not overlap this county

CO
NH3
SO2
VOC
EC
OC
CH4
PM_FIL
PM_PRI
PM10_FIL
PM10_PRI
PM25_FIL
PM25_PRI



Selected counties

Bannock (16005)
Bingham (16011)
Blaine (16013)
Bonneville (16019)
Butte (16023)

Update

Data Year: 2002
Data Name: TRAINING 2002
Data Version: 5

☒ Point

☒ Area

☒ On Road Mobile

☒ Non Road

☒ Fire

☒ Biogenic

☒ Windblown Dust

☐ HTML Tabular Report ☒ GIS Map Display

☐ Fetch Facility Data

Run Report >>

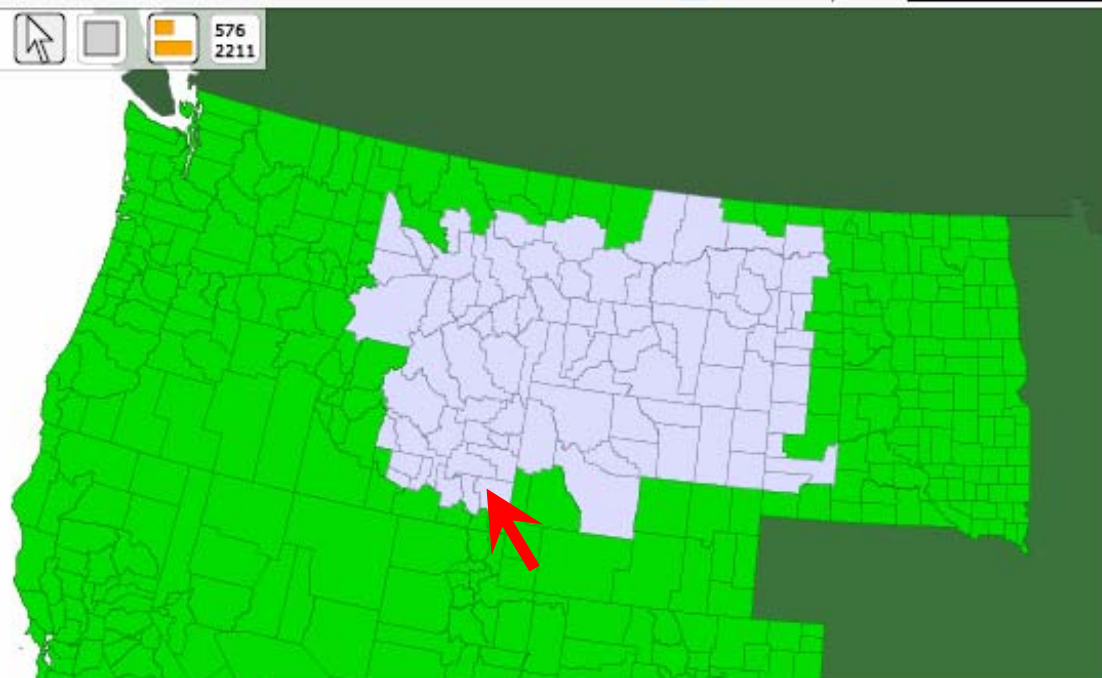


Zoom Factor: 200%

Reset Distance Tool ☐ km

Distance:

- ☒ Show Facilities
- ☒ Show Counties
- ☒ Show CAC Counties
- ☒ Show CMSAs
- ☒ Show MSAs
- ☒ Show National Parks
- ☒ Show Tribes
- ☒ Show Railroads
- ☒ Show Major Highways
- ☒ Show Rivers
- ☒ Show Lakes



Caribou (16029)

Tribal data does not overlap this county

CO
NH3
SO2
VOC
EC
OC
CH4
PM_FIL
PM_PRI
PM10_FIL
PM10_PRI
PM25_FIL



GIS / Dynamic Reports

Selected counties

Bannock (16005)
Bingham (16011)
Blaine (16013)
Bonneville (16019)
Butte (16023)

Update

Data Year: 2002
Data Name: TRAINING 2002
Data Version: 5

☒ Point

☒ Fire

☒ Area

☒ Biogenic

☒ On Road Mobile

☒ Windblown Dust

☒ Non Road

☐ HTML Tabular Report ☒ GIS Map Display

☐ Fetch Facility Data

Run Report >>

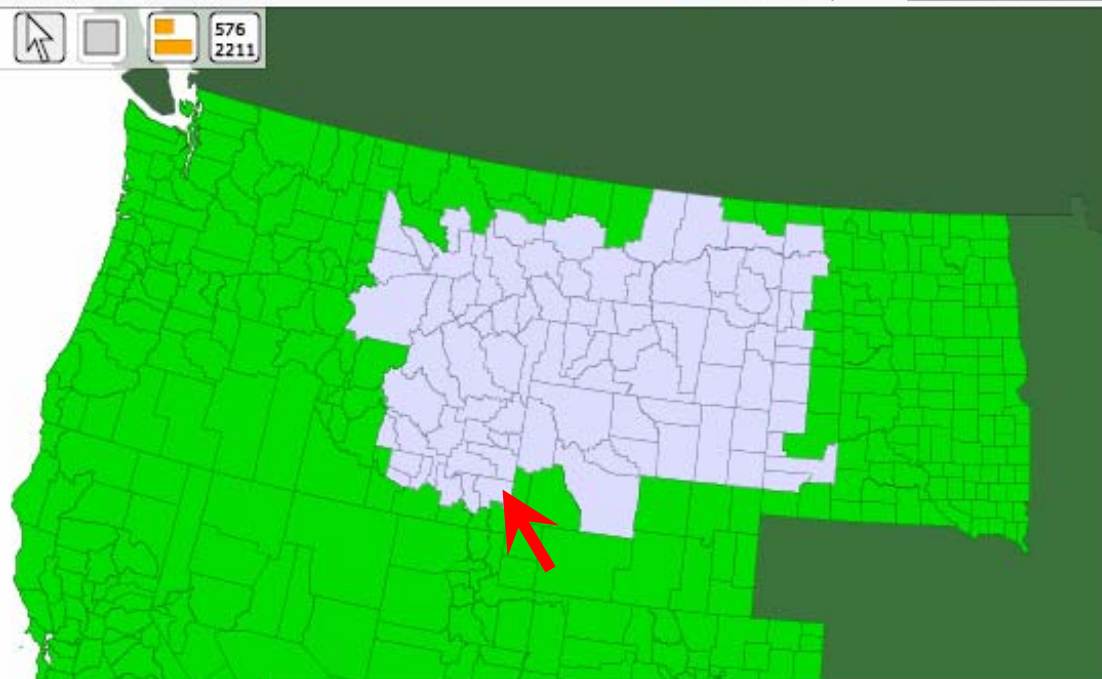


Zoom Factor: 200%

Reset Distance Tool ☐ km

Distance:

- ☒ Show Facilities
- ☒ Show Counties
- ☒ Show CAC Counties
- ☒ Show CMSAs
- ☒ Show MSAs
- ☒ Show National Parks
- ☒ Show Tribes
- ☒ Show Railroads
- ☒ Show Major Highways
- ☒ Show Rivers
- ☒ Show Lakes



Caribou (16029)

Tribal data does not overlap this county

CO	13,874.47
NH3	701.84
SO2	12,581.86
VOC	1,478.32
EC	0
OC	0
CH4	0
PM_FIL	90.34
PM_PRI	1,508.55
PM10_FIL	2,030.85
PM10_PRI	1,003.4
PM25_FIL	725.76

Selected counties

Bannock (16005)
Bingham (16011)

Data Year: 2002

Data Name: TRAINING 2002

Data Version: 5

☒ Point☒ Fire☒ Area☒ Biogenic

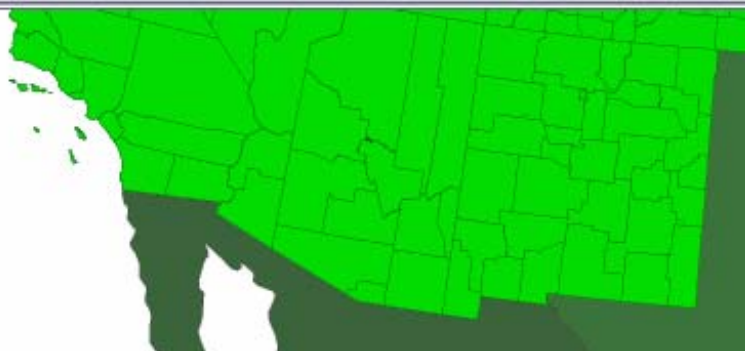
http://wrapidms.org - WRAP EDMS HTML Tabular Results - Microsoft Internet Explorer

State Fips	County Fips	CO	NH3	SO2	VOC	EC	OC	CH4	PM_FIL	PM_PRI	PM10_FIL	PM10_PRI	PM25_FIL	PM25_PRI	PM_CON
16.00	5.00	3,711.98	685.42	93.31	4,460.38	0.00	0.00	0.00	542.22	1,345.97	826.51	2,438.52	462.81	309.27	13.63
16.00	11.00	1,670.13	2,278.87	68.38	4,842.59	0.00	0.00	0.00	233.47	4,427.76	273.03	3,594.72	165.46	277.81	4.94
16.00	13.00	3,406.73	761.07	14.12	1,770.25	0.00	0.00	0.00	382.01	1,333.99	351.30	1,168.24	275.09	129.50	5.79
16.00	19.00	2,471.84	1,279.22	104.51	5,135.00	0.00	0.00	0.00	542.28	2,601.55	478.09	3,205.46	357.09	43.52	23.23
16.00	23.00	1,382.05	544.14	71.06	473.13	0.00	0.00	0.00	20.66	1,049.20	24.83	540.51	13.97	17.01	0.38
16.00	25.00	2,302.62	190.21	3.51	1,138.67	0.00	0.00	0.00	6.71	383.63	7.40	443.15	4.54	6.39	0.17
16.00	29.00	13,874.47	701.84	12,581.86	1,478.32	0.00	0.00	0.00	90.34	1,508.55	2,030.85	1,003.40	725.76	33.89	1.28
16.00	33.00	2,013.17	380.55	3.29	1,039.66	0.00	0.00	0.00	3.78	715.73	23.73	513.30	5.32	10.41	0.06
16.00	35.00	6,574.31	96.95	10.04	1,061.23	0.00	0.00	0.00	9.90	182.46	12.66	965.82	1.07	44.04	2.00
16.00	37.00	9,373.62	952.42	2.72	1,017.33	0.00	0.00	0.00	40.18	2,080.30	47.86	1,300.72	27.47	31.70	0.74
16.00	43.00	2,488.04	597.02	15.34	2,417.66	0.00	0.00	0.00	11.28	1,159.72	38.98	1,335.97	1.16	73.22	2.35
16.00	49.00	37,064.37	1,169.94	16.79	3,051.21	0.00	0.00	0.00	17.61	2,785.54	48.91	4,388.73	1.89	80.10	3.56
16.00	51.00	519.87	1,813.76	20.38	2,678.66	0.00	0.00	0.00	14.47	3,527.98	44.67	1,987.26	1.45	66.81	2.89
16.00	53.00	513.01	3,934.69	21.46	3,301.05	0.00	0.00	0.00	127.75	7,875.94	158.65	3,222.50	91.30	71.34	2.21
16.00	59.00	12,488.41	1,293.38	6.23	2,547.73	0.00	0.00	0.00	95.54	3,132.88	120.31	1,542.67	64.79	44.14	2.40
16.00	63.00	2,227.45	979.64	5.32	932.79	0.00	0.00	0.00	23.63	2,147.88	36.43	846.49	16.82	17.55	0.42
16.00	65.00	947.90	465.39	27.58	2,290.86	0.00	0.00	0.00	21.36	909.89	32.44	1,532.97	2.29	156.35	4.93
16.00	67.00	2,422.37	1,749.95	266.53	2,440.88	0.00	0.00	0.00	108.71	2,167.37	143.37	2,345.80	84.83	186.88	1.86
16.00	77.00	544.60	662.44	1,614.01	1,822.50	0.00	0.00	0.00	40.17	1,041.87	105.02	1,404.16	156.06	30.22	0.88

Done

Internet

- ☒ Show CMSAs
- ☒ Show MSAs
- ☒ Show National Parks
- ☒ Show Tribes
- ☒ Show Railroads
- ☒ Show Major Highways
- ☒ Show Rivers
- ☒ Show Lakes



Modeling

Modeling Query

Modeling Query Results

Modeling File Exports

Region

7 - REGIONS 7
 8 - Mountains & Plains
 9 - The Pacific Southwes
 10 - The Pacific Northwe



State

Alaska
 Idaho
 Oregon
 Washington



County

Alaska - Aleutians East Borough
 Alaska - Aleutians West Census
 Alaska - Anchorage Borough
 Alaska - Bethel Census Area

Pollutant

VOC
 NOX
 CO
 SO2

Sector

Point

Inventory ID

1

Inventory Year

2002

Note :Please Press "ctrl" for multi select

RESET

GENERATE SMOKE MODELING FILE(S)

Ad-hoc Query

Ad-hoc Query

Ad-hoc Query Results

Ad-hoc File Exports

Inventory ID

1 : EPA Preliminary (2002) ▼

Inventory Year

2002

Sector

Point ▼

SCC-1 All ▼ SCC-3 All ▼ SCC-6 All ▼ SCC-8 All ▼ OR SCC-4 All ▼ SCC-7 All ▼ SCC-10 All ▼

Region

8 - Mountains & Plains
9 - The Pacific Southwest
10 - The Pacific Northwest

State

All States

County

All Counties

NAICS

Abrasive Product Manufacturing
Accommodation
Accommodation and Foodservices
Accounting, Tax Preparation, Bookkeeping

SIC

Abrasive Products
Accident and Health Insurance
Accounting, Auditing, and Bookkeeping
Adhesives and Sealants

Pollutant

VOC
NOX
CO
SO2

RESET ➔

RUN AD-HOC QUERY ➔

NIF EXPORT ➔

Dashboard

Please use the Main Menu to navigate to the feature of your choice.

➤ Submit New Data

Sector : ▼

Inventory ID : ▼

NEXT ➔

➤ Submit New Data

Sector Name	Area
Inventory ID	1

Data File [Browse...](#)

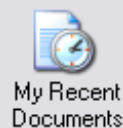
Comments

[UPLOAD DATA](#) ➤

Note : Only **.Zip** containing the data can be Uploaded.

 Submit New Data

Sector Name	Area
Inventory ID	1

Data File [Browse...](#)Comments **Choose file**Look in:  Idaho IDNPPreDraft2002Aug2004.zip

My Recent Documents



Desktop



My Documents



My Computer



My Network

File name: IDNPPreDraft2002Aug2004.zip

[Open](#)



➤ Submit New Data

Sector Name	Area
Inventory ID	1

Data File

Comments

Note : Only **.Zip** containing the data can be Uploaded.

➔ View Submitted Data

Total Events : 43 , Showing Page : 1 of 5

Go to Page : [760](#)

No.	Submit Date	File Name	Sector	Inventory ID	Transfer Job ID	Overall Status	Details
1 .	11/10/2004	AZ013PT2002-FIN.zip	P	2	590	✓	More
2 .	10/14/2004	ALLTRIBALPT2002_FIN.zip	P	2	550	✓	More
3 .	10/14/2004	TribalNPPreDraft2002Aug2004.zip	A	2	551	✓	More
4 .	10/13/2004	wrap_nonroad_test0804.zip	N	2	531	✓	More
5 .	10/13/2004	wrap_onroad_test0804.zip	M	2	532	✓	More
6 .	10/13/2004	wrap_area_test0804.zip	A	2	530	✓	More
7 .	9/29/2004	LAPOSPT2002_FIN.zip	P	2	510	✓	More
8 .	9/29/2004	CANPPreDraft2002Aug2004.zip	A	2	511	✗	More
9 .	9/29/2004	MNNPPreDraft2002Aug2004.zip	A	2	512	⌚	More
10 .	9/29/2004	CAPT2002_FIN.zip	P	2	513	✓	More

[Previous](#) | [Next](#)

✓ : Executed ✗ : Error ⌚ : Pending

- ☐ EDMS Management
- ☐ FAQs Management
- ☐ T&C & PP Management
- ☐ Event Management
- ☐ Documents Management
- ☐ Imp. Links Management
- ☐ Miscellaneous Management
- ☐ Create Snapshot Downloads
- ☐ Contact Management

super admin | [Logout](#)

Dashboard

Please use the Main Menu to navigate to the feature of your choice.

Production Phase Findings

Project History

- Development Plan
- Alpha Testing
- Beta Testing – Third Party Contractor
- Data Take-on
- Rollout
- Data remediation

Process

- Data Received via EPA CERR submittals
- Diagnosed via EDMS
- Remediation and Gap Filling conducted in cooperation with data providers
- Additional inventories (dust, fire) added
- Inventory “finalized”
- Modeling begins

Production Phase Findings

- Importance of Inventory Description Document

	A	B	C	D	E	F	G
2	Inventory 2: Actual Version 1.0 (2002)						
3	Accessibility: Public						
4	Release Date: 12 Jan 2005						
5							
6							
7							
8		Point Data Sources	Area Data Sources				
9	Data Provider	Status	Status				
10	Alaska	Updated Inventory from Data Provider	EPA 2002 Preliminary loaded				
11	Arizona	CERR data via EPA	EPA 2002 Preliminary loaded				
12	Arizona Maricopa	Updated Inventory from Data Provider	Updated Inventory from Data Provider				
13	California	CERR data via EPA	CERR data via EPA				
14	Colorado	CERR data via EPA	CERR data via EPA				
15	Idaho	CERR data via EPA	CERR data via EPA				
16	Montana	CERR data via EPA	EPA 2002 Preliminary loaded				
17	Nevada	CERR data via EPA	EPA 2002 Preliminary loaded				
18	Nevada Clark Co	Updated Inventory from Data Provider	Updated Inventory from Data Provider				
19	Nevada Washoe Co	Updated Inventory from Data Provider	Updated Inventory from Data Provider				
20	New Mexico	CERR data via EPA	EPA 2002 Preliminary loaded				
21	New Mexico Bernalillo Co	Updated Inventory from Data Provider	CERR data via EPA				
22	North Dakota	CERR data via EPA	EPA 2002 Preliminary loaded				
23	Oregon	CERR data via EPA	CERR data via EPA				
24	Oregon Lane County	CERR data via EPA	CERR data via EPA				
25	South Dakota	CERR data via EPA	EPA 2002 Preliminary loaded				
26	Utah	CERR data via EPA	CERR data via EPA				
27	Washington	Updated Inventory from Data Provider	CERR data via EPA				
28	Washington Puget Sound	CERR data via EPA	CERR data via EPA				
29	Washington Olympic	CERR data via EPA	CERR data via EPA				
30	Wyoming	Updated Inventory from Data Provider	Updated Inventory from Data Provider				
31	Tribal	Revised data received, potential overlaps under analysis	Revised data received, potential overlaps under analysis				
32							
33		Submittal Loaded					
34		Gap-filled					
35		Under analysis					
36							
37	OTHER SECTORS						
38	Non-Road Mobile - Data gap-filled from 2002 EPA Preliminary Inventory.						
39	On-road Mobile - Data gap-filled from 2002 EPA Preliminary Inventory						
40	Biogenic - Data loaded from Regional Modeling Center results.						
41	Fire - Modeled data to be loaded into future inventory version. Some data providers provided fire data in area source submittals.						
42	Wind-blown Dust - Modeled data into be loaded to future inventory version.						
43							
44	NOTES						
	o The EPA contractors from which CERR data was received differed in their approach to managing jurisdictions within states:						

Production Phase Findings

- Importance of Inventory Description Document
- Resolution of potential jurisdictional overlaps required
- Conveying potential overlaps – EDMS responsibility
- Awareness of potential overlaps – User responsibility

Questions