

EPA REGION 8 ACCIDENTAL RELEASE INFORMATION: 2006 - 2015

- NRC BACKGROUND :: Primary function of the NRC is to serve as the sole national point of contact for reporting all oil, chemical, radiological, biological, and etiological discharges into the environment.
- In addition to gathering and distributing spill data for OSCs and serving as the communications and operations center for the NRT, the NRC maintains agreements with a variety of entities to make notifications regarding incidents meeting established trigger criteria.
- The NRC also takes Terrorist/Suspicious Activity Reports and Maritime Security Breach Reports.

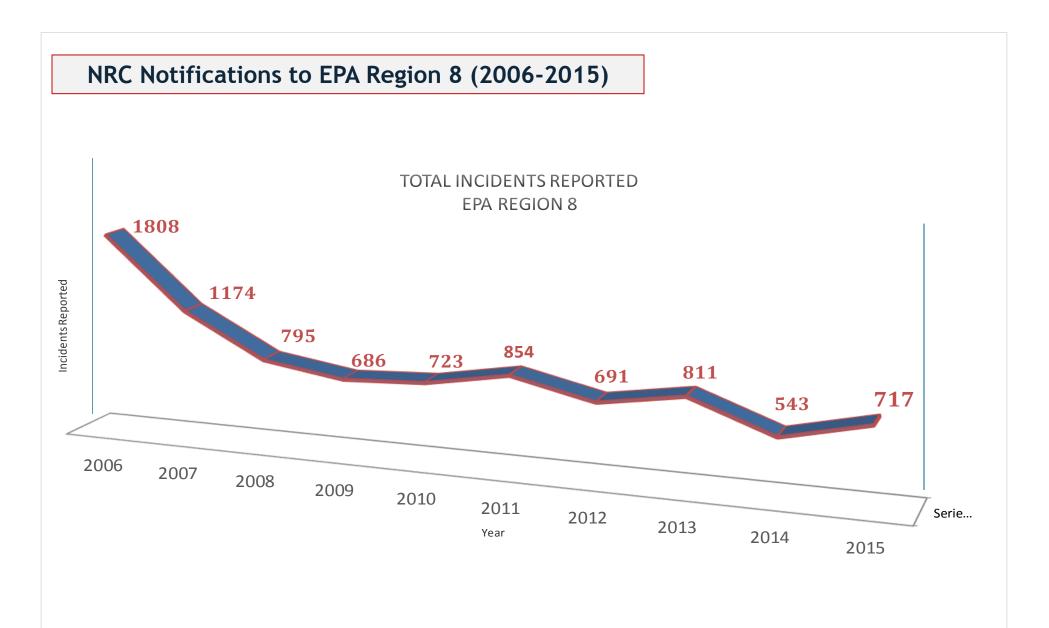
On behalf of DHS and the USCG, the NRC:

- Briefs the White House, Office of Homeland Security, Secretary of Transportation, and Chiefs of Modal Administrations regarding all significant transportation emergencies;
- Provides information the Coast Guard's Office of Marine Safety, Security, and Environmental Protection as needed;
- Receives and relays reports of incidents reportable under the Hazardous Materials Transportation Act;
- Provides incident reports to various DOT agencies;
- and provides notification to DOT and NTSB offices of transportation incidents that meet certain criteria.

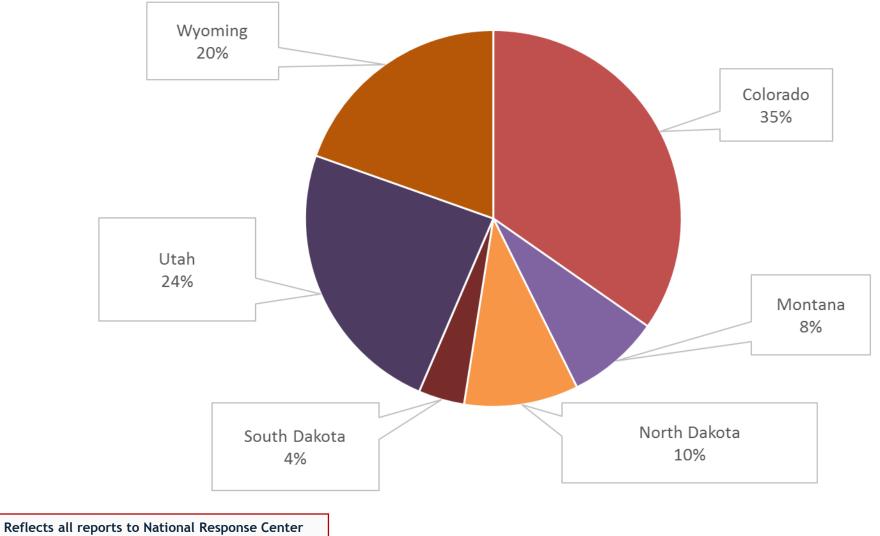
On behalf of other Agencies, the NRC provides services to enhance the Federal Response System:



- For the EPA, the NRC receives incident reports under the FRS which is supported under CERCLA, CWA, CAA, EPCRA, and OPA. The NRC disseminates reports of oil discharges and chemical releases to the FOSC;
- For FEMA, the NRC acts as a 24 hour contact point to receive earthquake, flood, hurricane, and evacuation reports;
- For the NucRC, and DOE, the NRC makes notification of all incidents involving radioactive material releases;
- For DOI, the NRC receives reports of incidents involving Trans-Alaskan Pipeline Oil;
- For DOD, incidents involving transportation emergencies with DOD munitions or explosives are referred to the Army Operations Center. Any incident involving hypergolic rocket fuels and oxidizers are passed to the Air Force Operations Center.
- The NRC takes reports on potential or actual domestic terrorism and coordinates notifications and response with the FBI;
- For the DHHS, releases of etiological and biological agents are referred to the CDC;
- For the FRA, the NRC takes reports of railroad incidents involving hazardous materials, grade crossing fatalities, and accidents resulting in injury or death of railroad employees.
- The NRC is contact point for activation of the NRT and provides facilities for the NRT to use in coordinating a national response action when required.

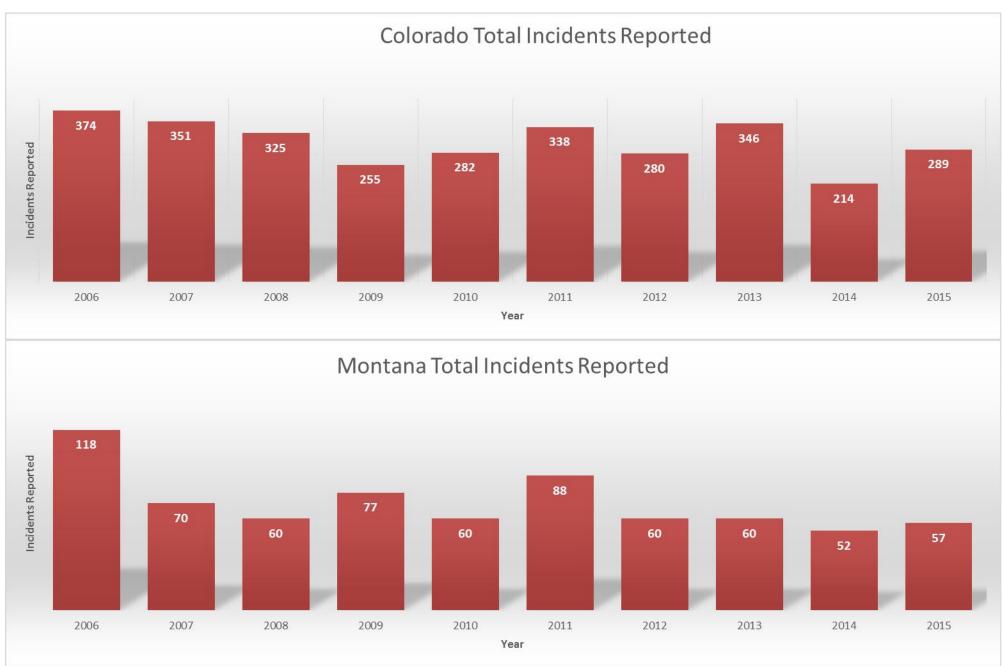


NRC Notification to EPA Region 8 - % by State (2006-2015)

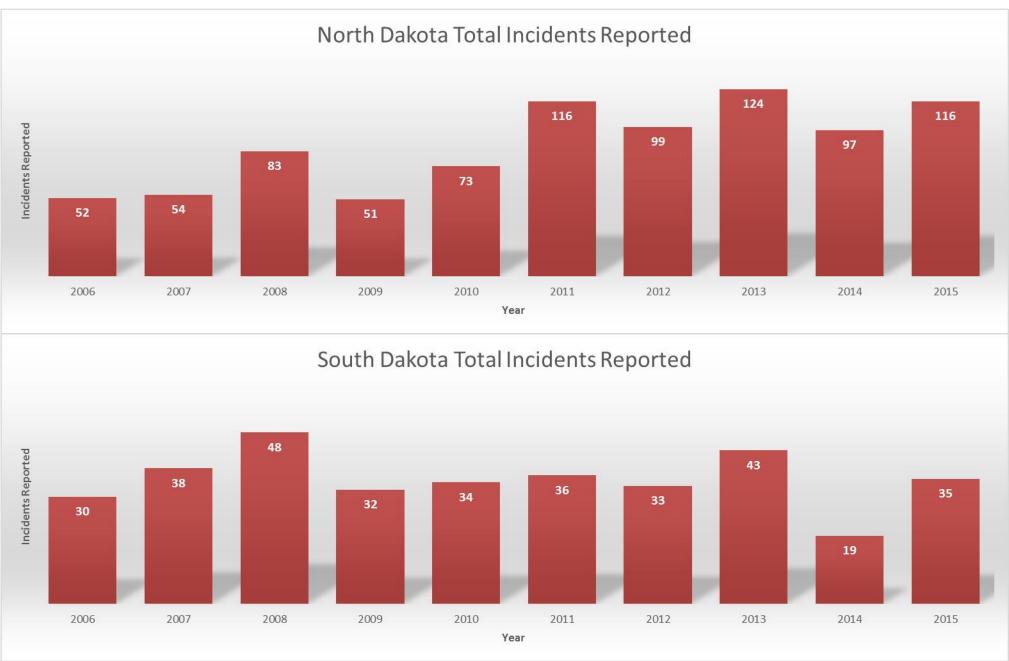


over period (2006-2015)

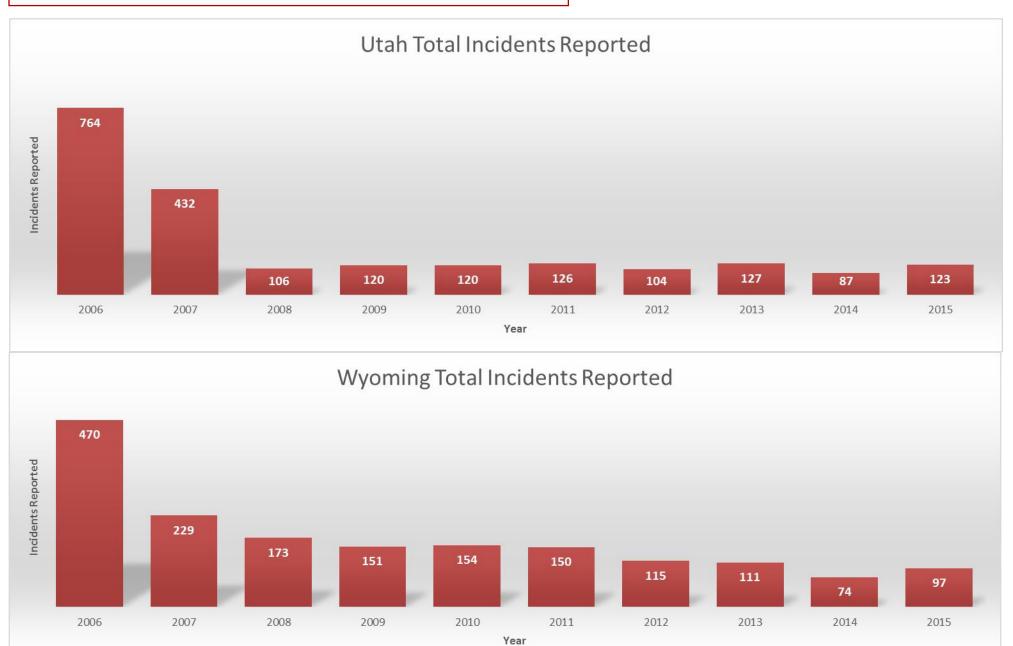
NRC Notifications to EPA Region 8 -- by State and Year (2006-2015)



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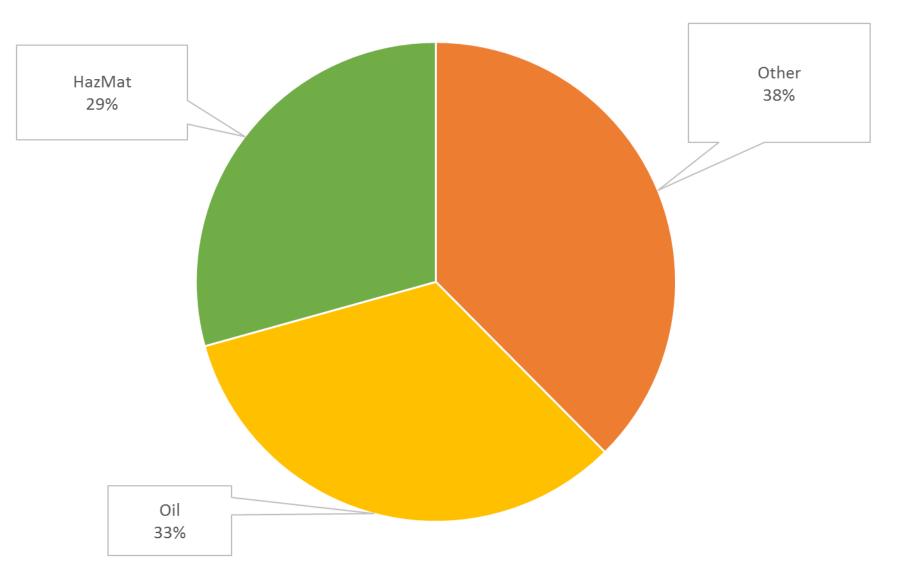
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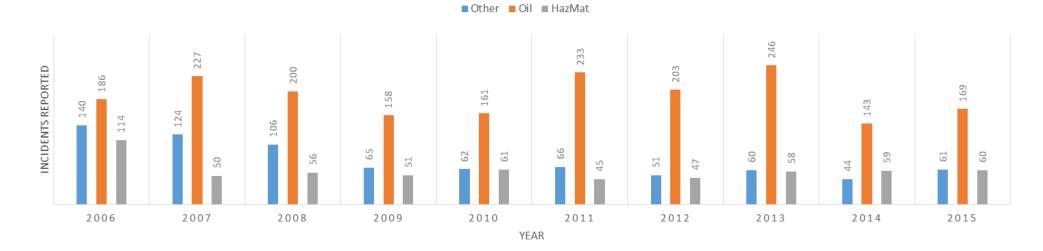
NRC Notifications to EPA Region 8 -- by State and Year (2006-2015)

NRC Notifications to EPA Region 8 -- by Material Type (2006-2015)

Region 8 Incidents by Material Type 2006-2015

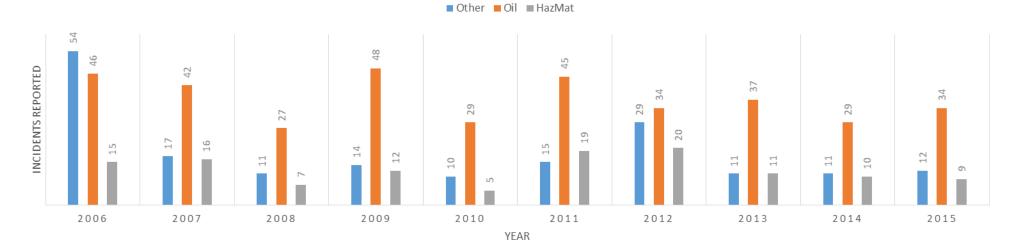


NRC Notifications to EPA Region 8 -- by Material Type & State (2006-2015)

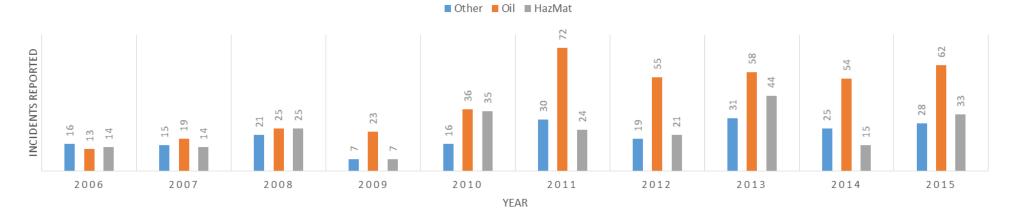


COLORADO

MONTANA



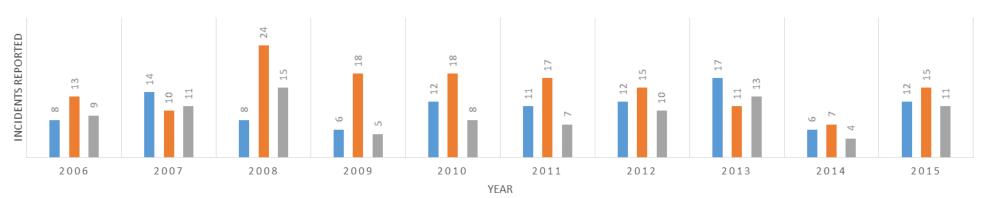
NRC Notifications to EPA Region 8 -- by Material Type & State (2006-2015)



NORTH DAKOTA

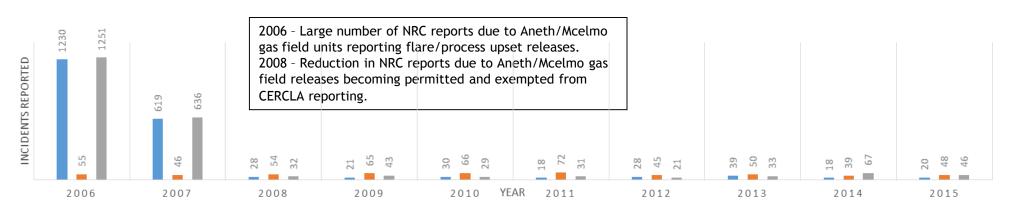
SOUTH DAKOTA

■ Other ■ Oil ■ HazMat

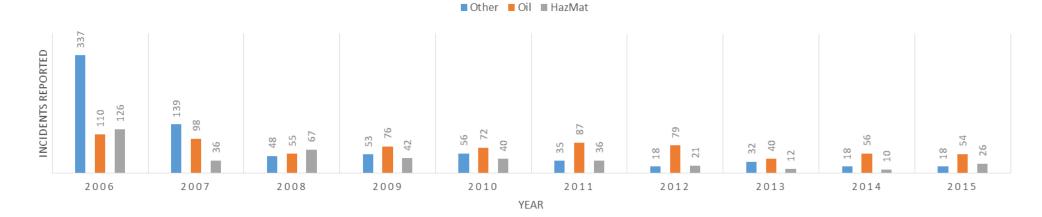


NRC Notifications to EPA Region 8 - by Material Type & State (2006-2015)

UTAH

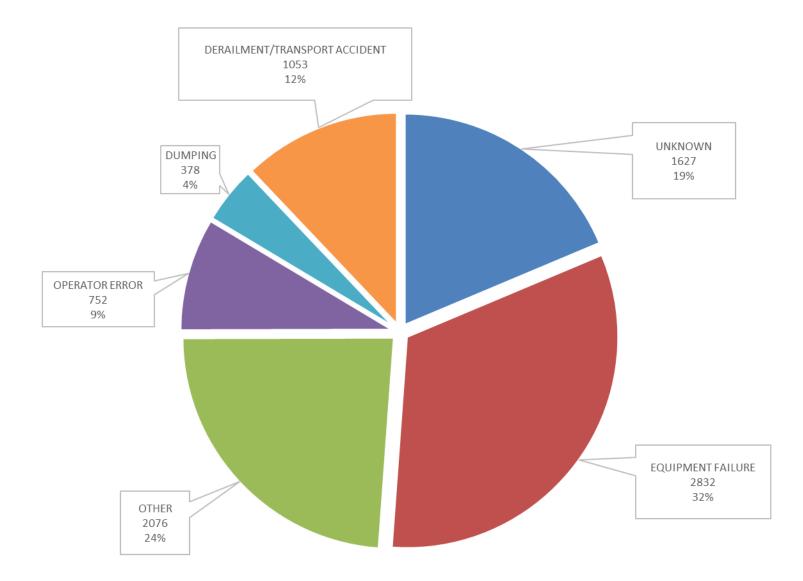


■ Other ■ Oil ■ HazMat

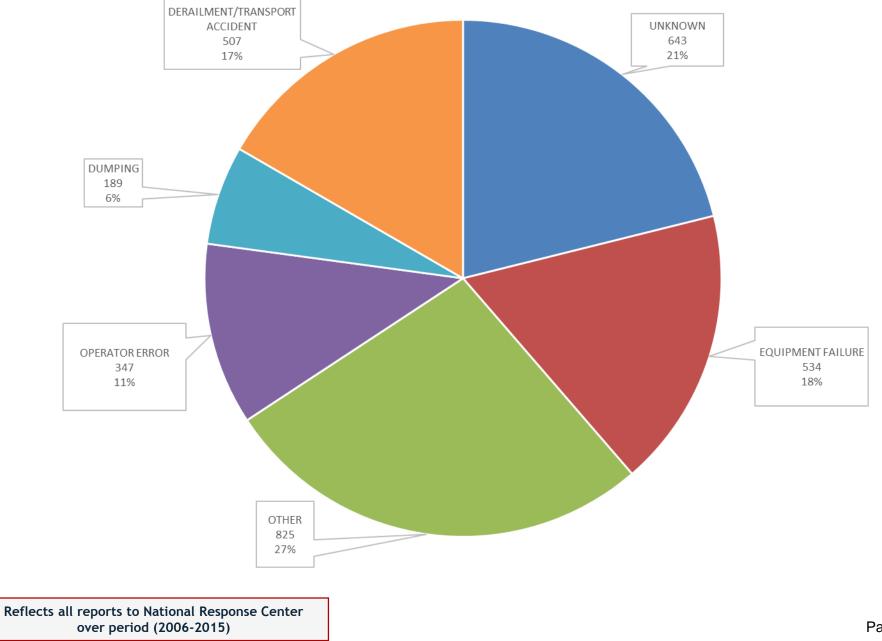


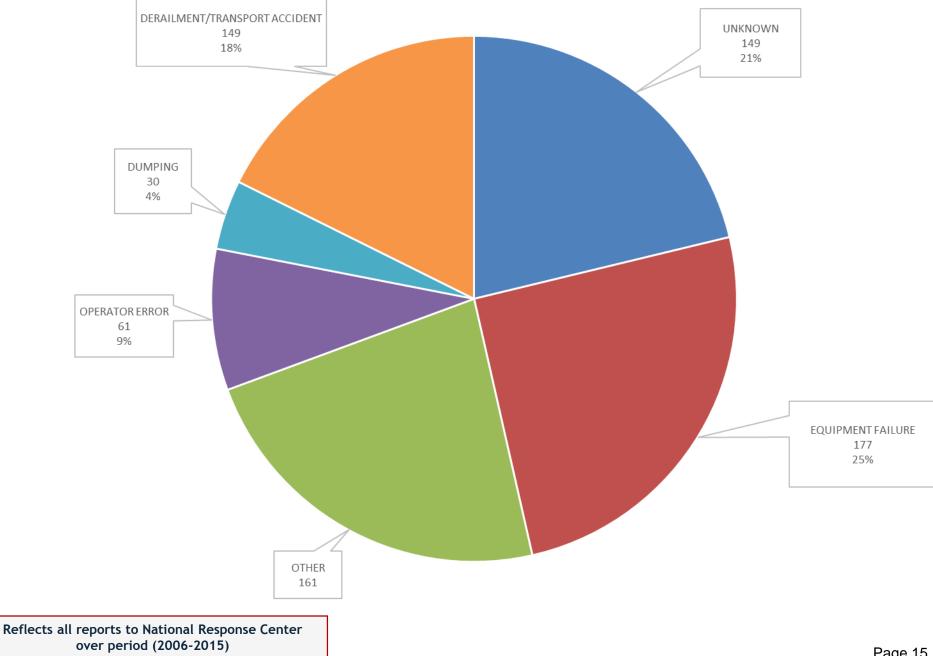
WYOMING

	Colorado	Montana	North Dakota	South Dakota	Utah	Wyoming	Region Totals
Incidents:	3054	702	865	348	2109	1724	8802
Reported fatalities:	238	93	51	25	110	43	560
Reported hospitalizations:	427	52	73	23	115	73	763
Reported injuries:	472	57	93	26	131	79	858
Number of people evacuated:	7992	166	465	153	3248	514	12538
Reported property damage:	\$ 11,103,847	\$ 9,671,491	\$ 8,659,128	\$ 3,476,533	\$ 12,902,800	\$ 7,369,135	\$ 53,182,934

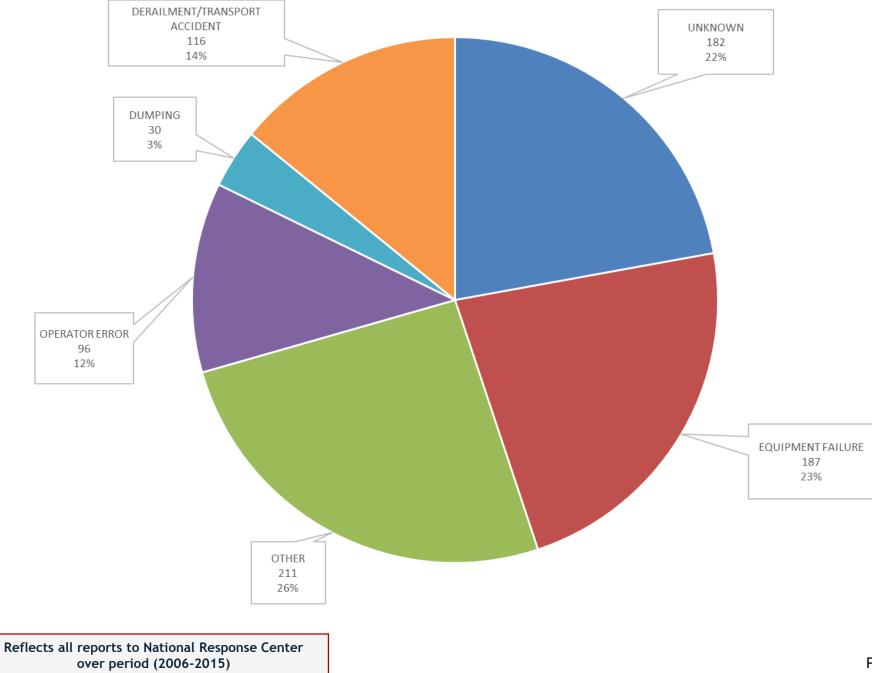


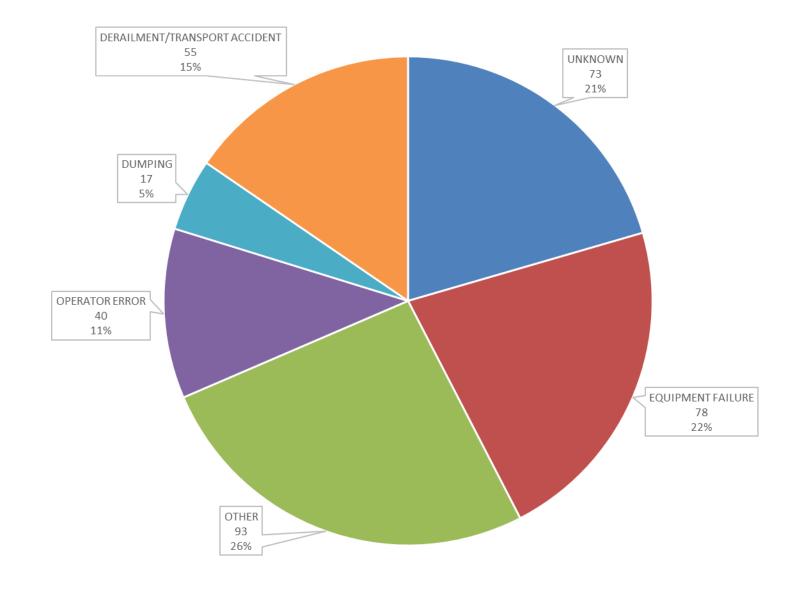
Reflects all reports to National Response Center over period (2006-2015)



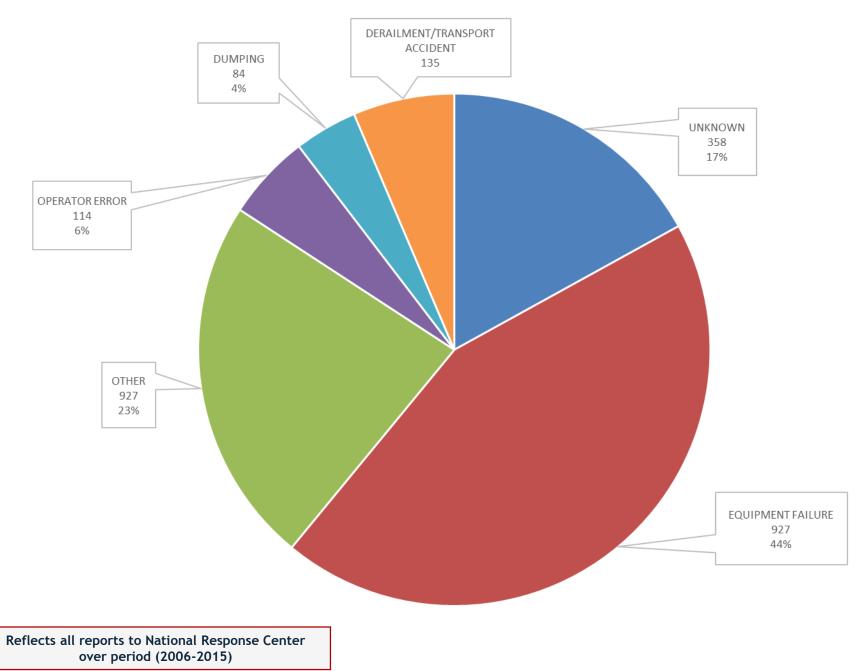


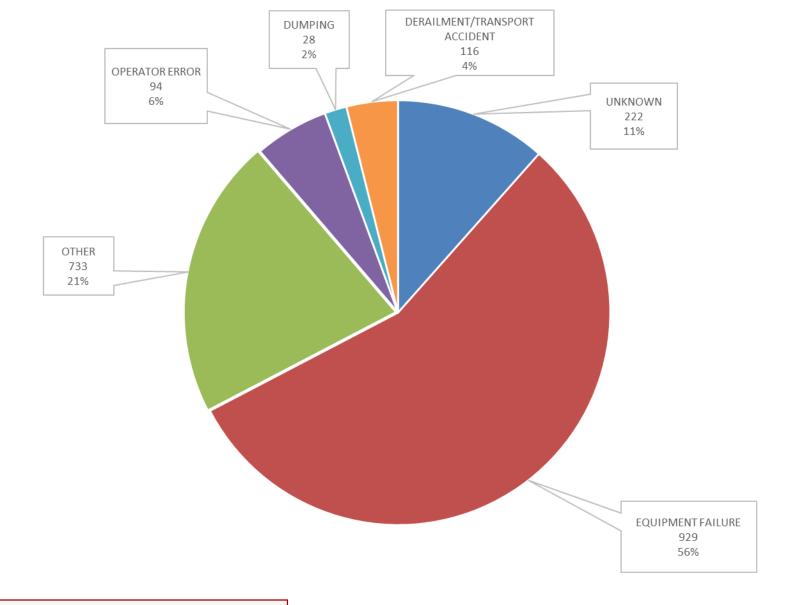
North Dakota Incident Causes (2006-2015)





Reflects all reports to National Response Center over period (2006-2015)

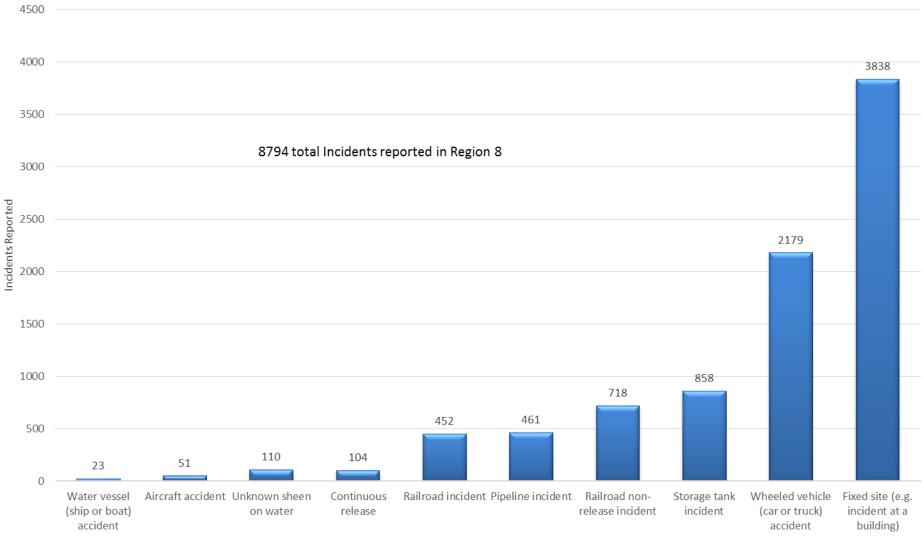




Reflects all reports to National Response Center over period (2006-2015)

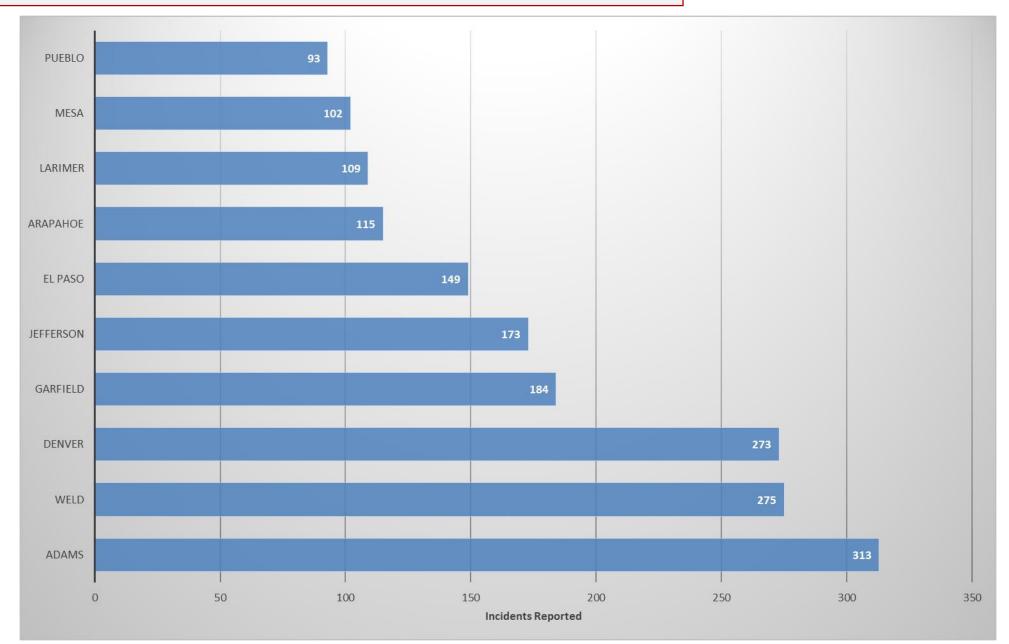
NRC Notification to EPA Region 8 - Source of Release (2006-2015)

EPA Region - Source of Release (2006-2015)

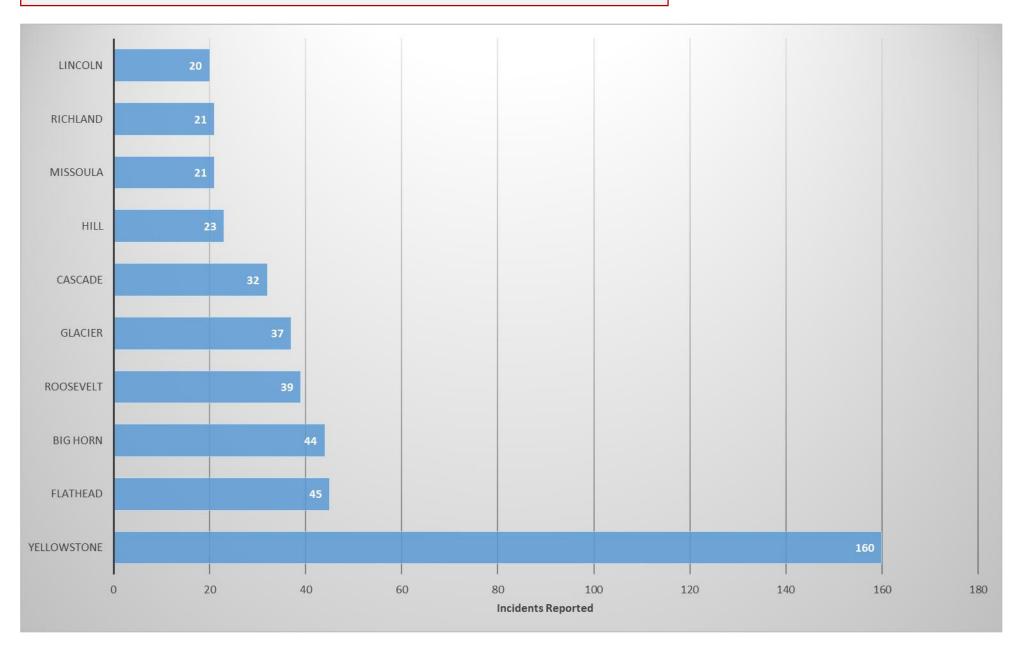


Source of Release

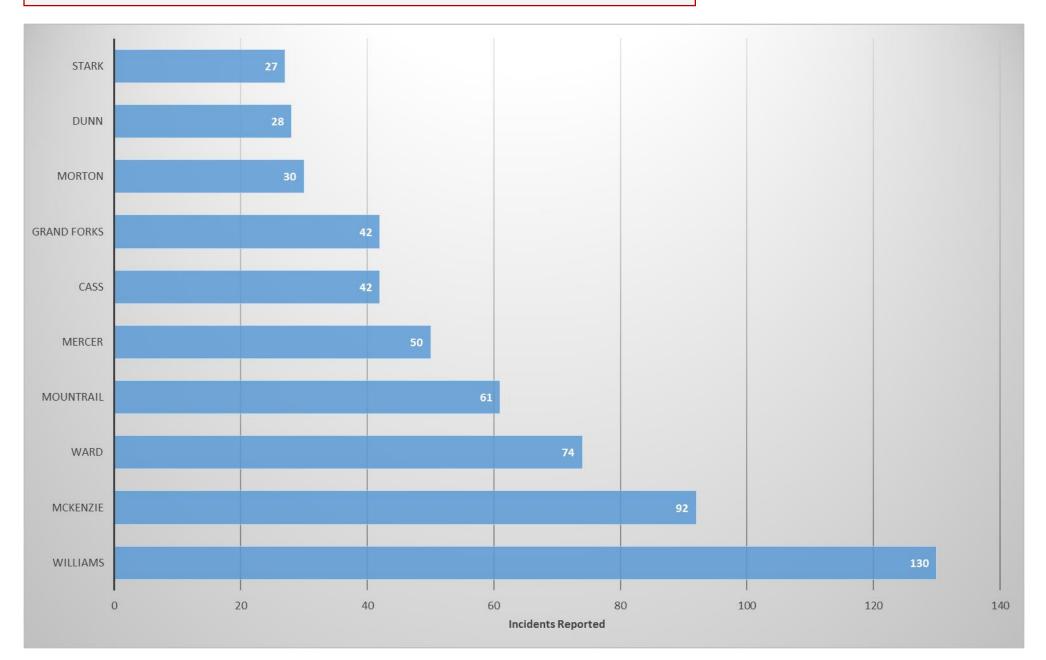
NRC Notifications to EPA Region 8 -- Top 10 Counties: Colorado (2006-2015)



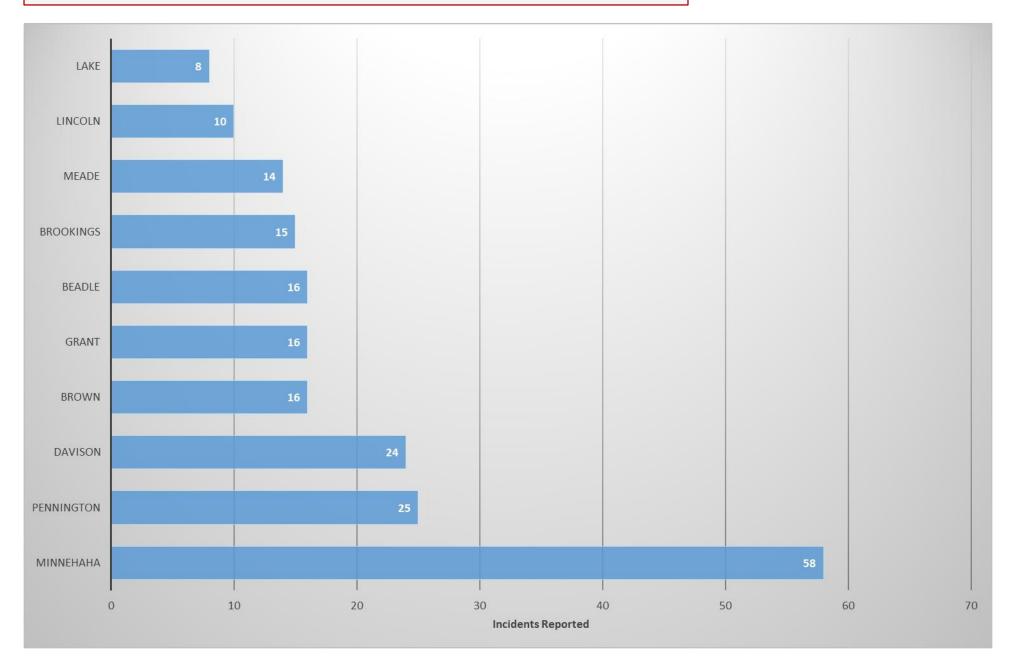
NRC Notifications to EPA Region 8 -- Top Counties: Montana (2006-2015)



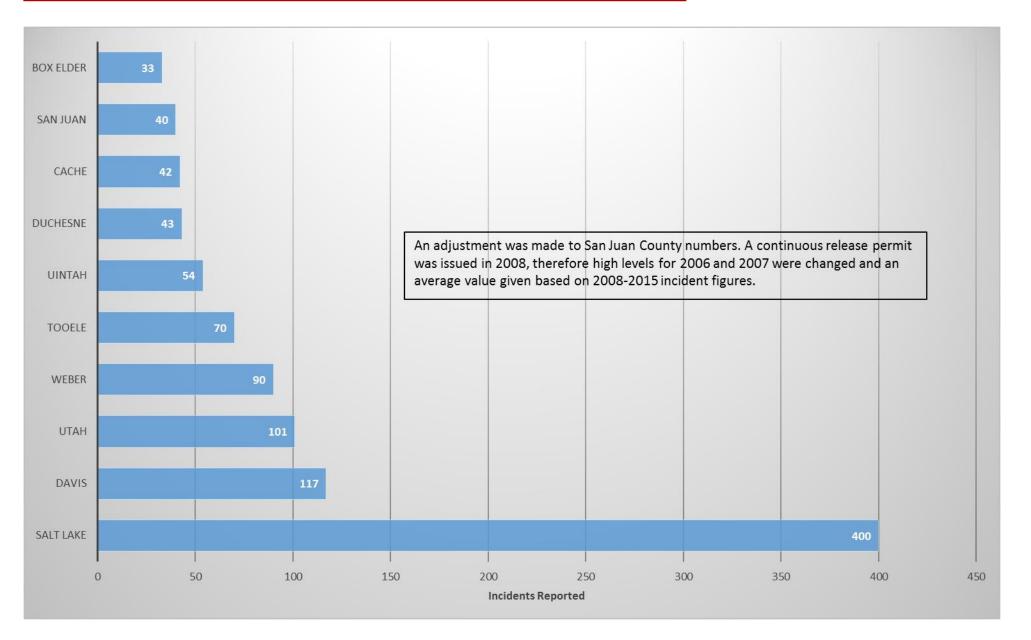
NRC Notifications to EPA Region 8 -- Top 10 Counties: North Dakota (2006-2015)



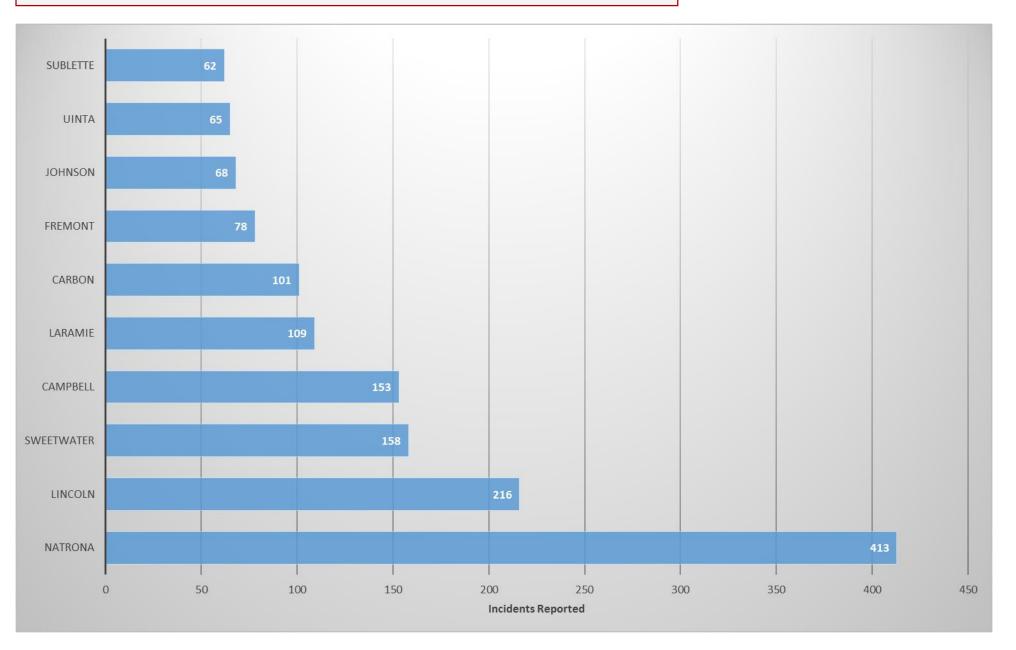
NRC Notifications to EPA Region 8 -- Top 10 Counties: South Dakota (2006-2015)

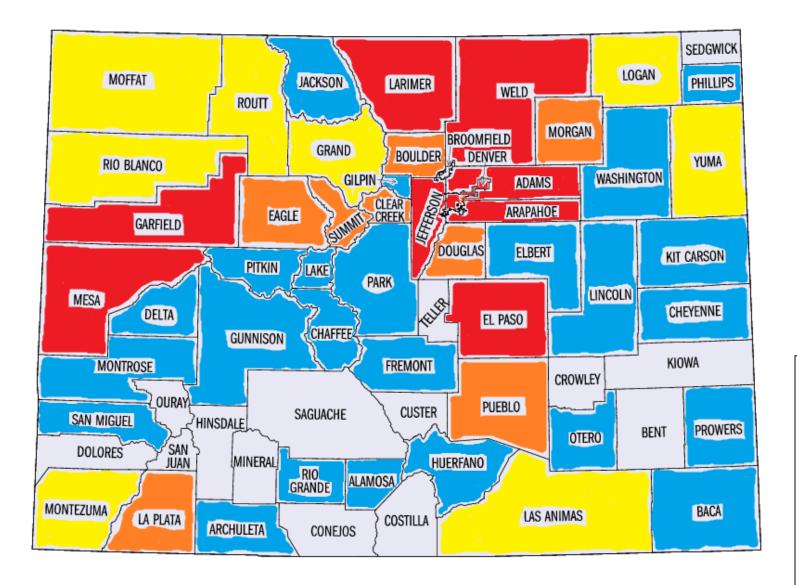


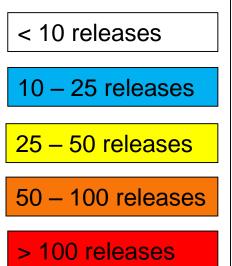
NRC Notifications to EPA Region 8 -- Top 10 Counties: Utah (2006-2015)

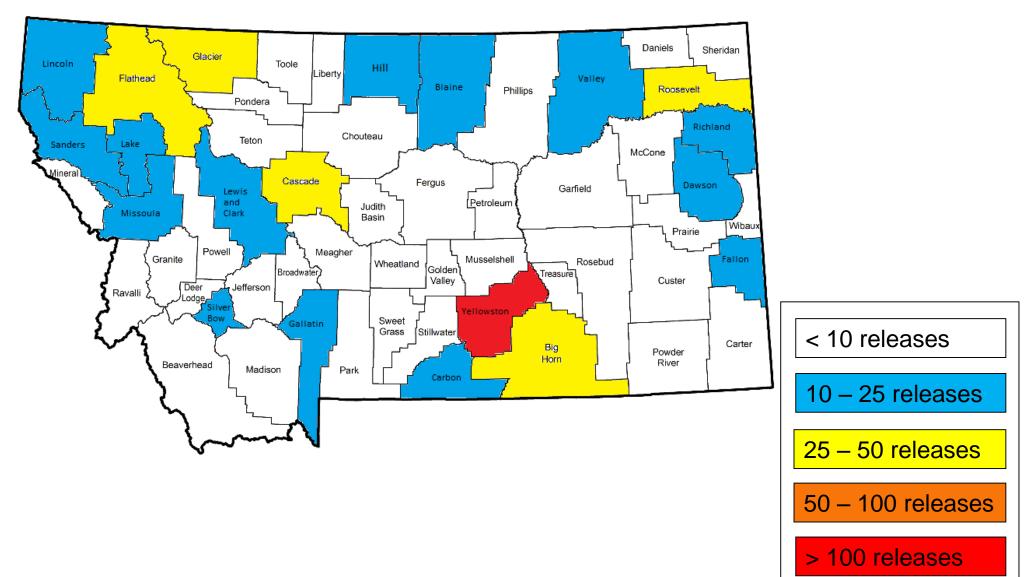


NRC Notifications to EPA Region 8 -- Top 10 Counties: Wyoming (2006-2015)

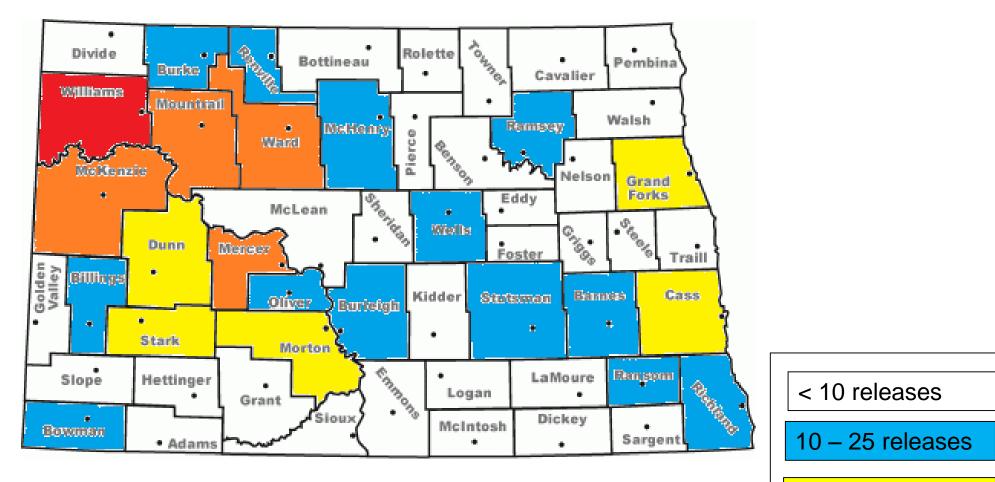




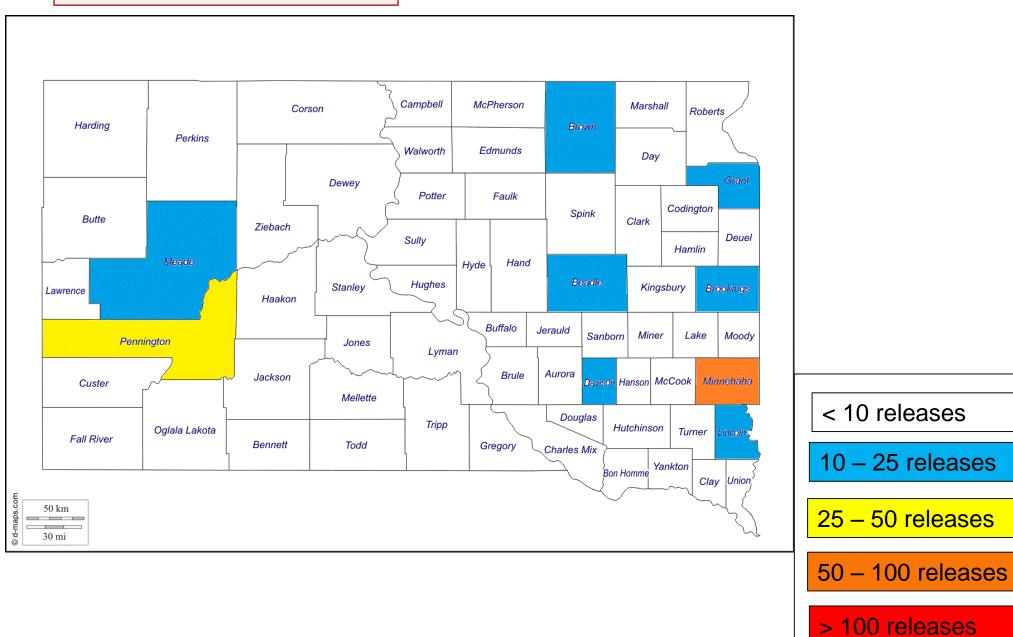


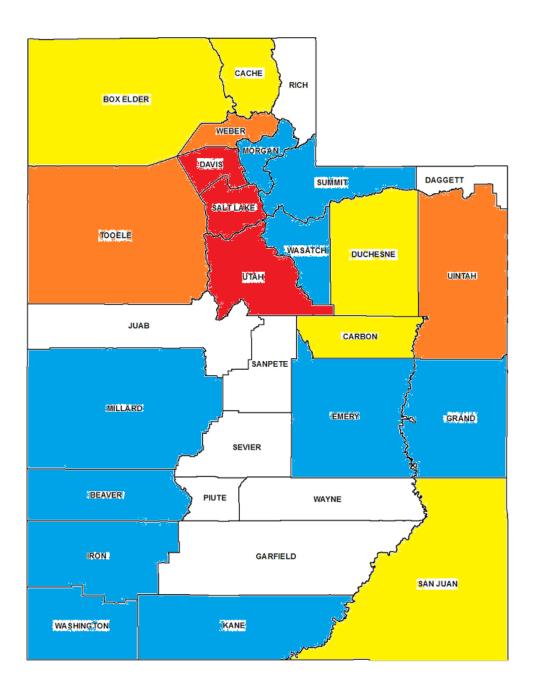


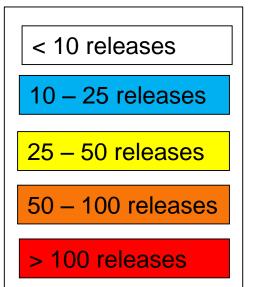
Montana Counties

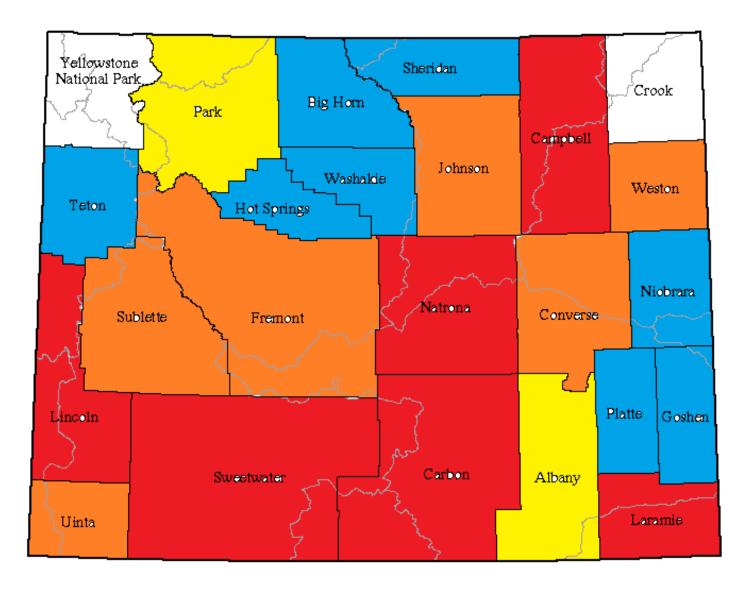


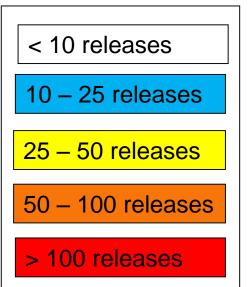
50 – 100 releases

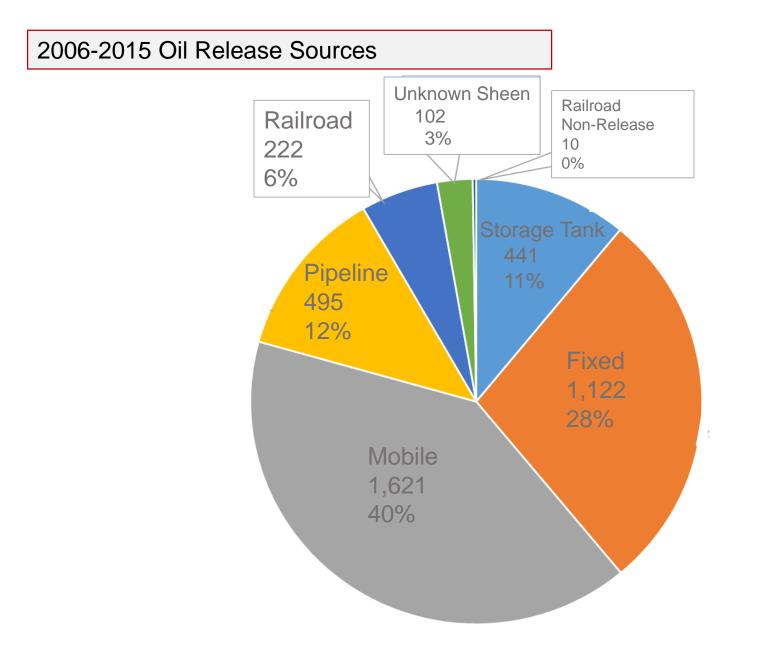




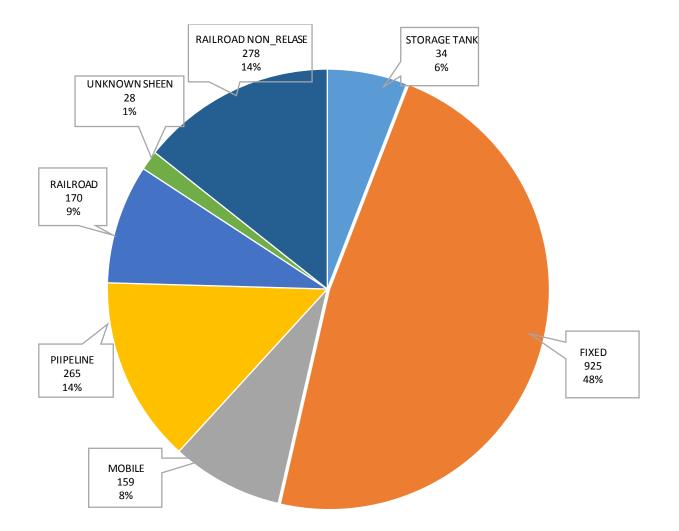






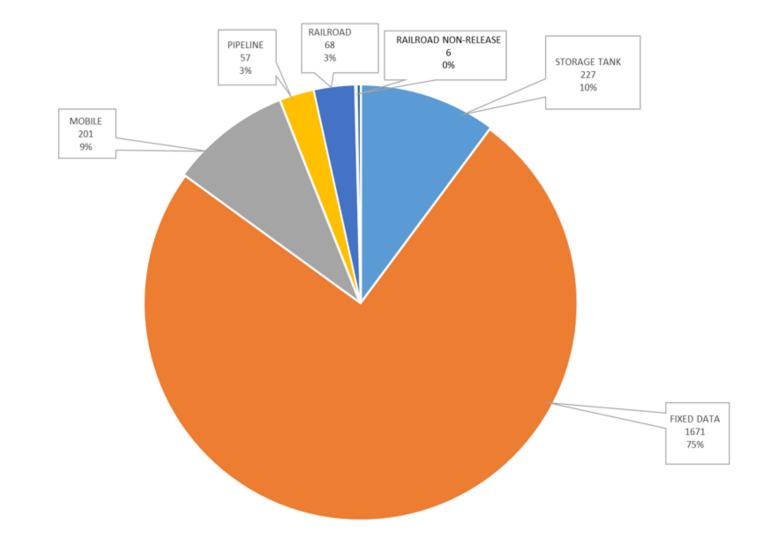


Region 8 Other Material Release Sources 2006-2015



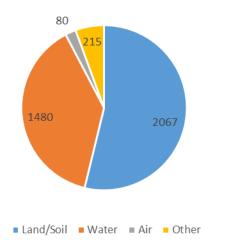
■ Storage Tank ■ Fixed ■ Mobile ■ Pipeline ■ Railroad ■ Unknown Sheen ■ Railroad Non-release

Region 8 Hazardous Material Release Sources - 2006 to 2015



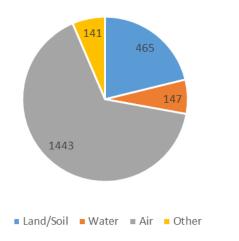
■ Storage Tank ■ Fixed ■ Mobile ■ Pipeline ■ Railroad ■ Unknown Sheen ■ Railroad Non-release

Medium Affected by Oil Release

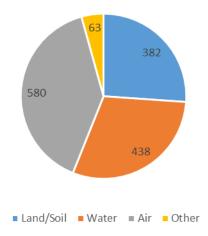


Various Medium Affected by Releases – 2006 to 2015

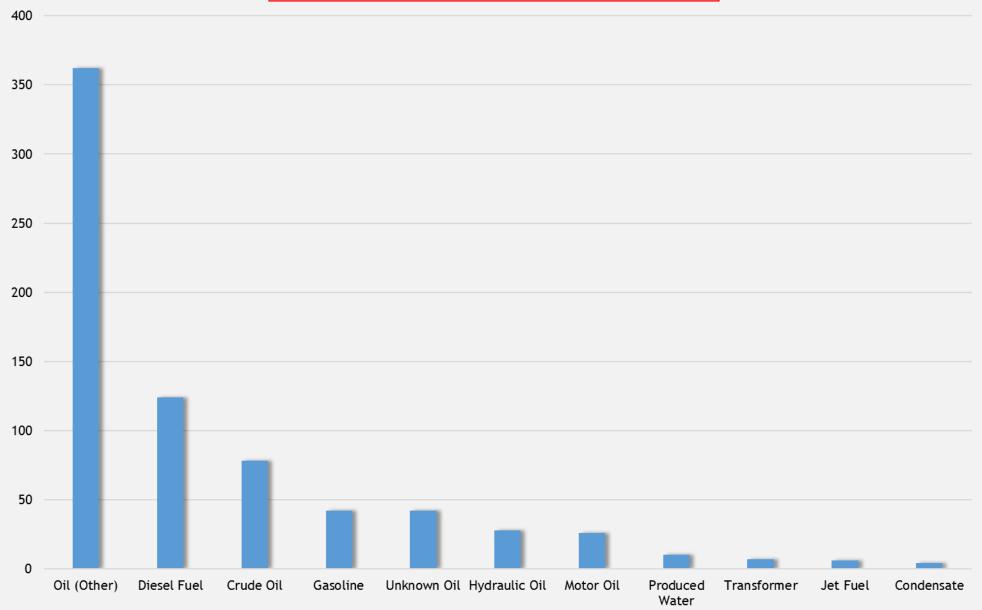
Medium Affected by Hazardous Material Release

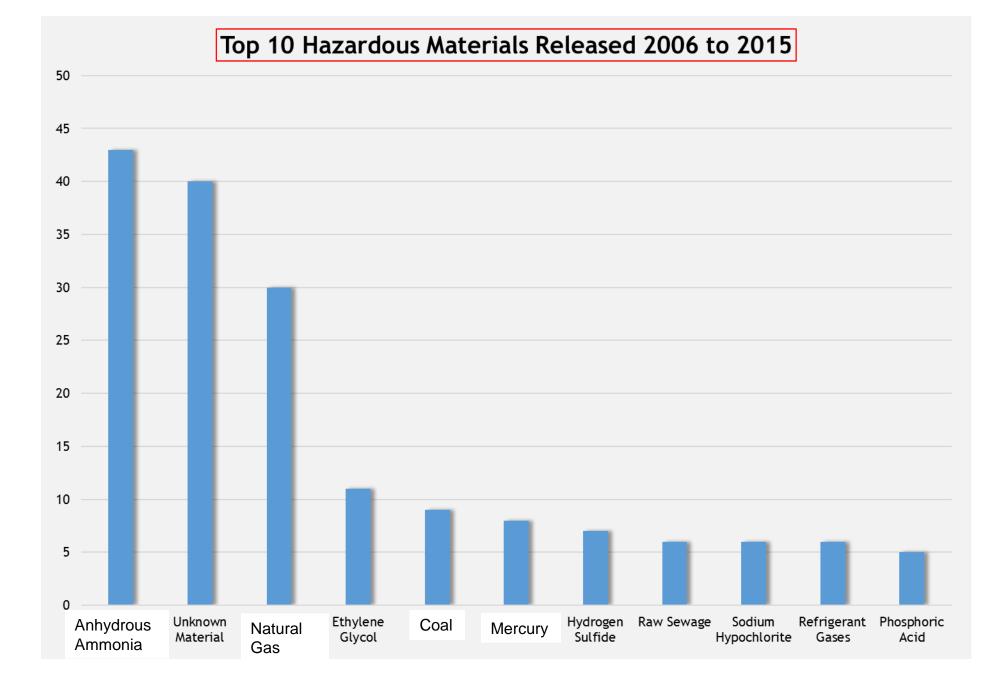


Medium Affected by Other Releases



Oil/Oil Products Released 2006 to 2015





During the period between 2006 and 2015, there were 278 deaths, 552 injuries, and 250 evacuations due to the release of oil, oil products, or other hazardous materials in Region 8.