

Docket No. SA-534

Exhibit No. 2-CP

NATIONAL TRANSPORTATION SAFETY BOARD

Washington, D.C.

PHMSA NATIONAL ALL PIPELINE SYSTEMS DATA FOR
SERIOUS INCIDENTS 1990 - 2009

(2 Pages)

Stakeholder Communications

PHMSA Pipeline Safety Program

Serious Pipeline Incidents

PHMSA defines a serious pipeline incident as an event involving a fatality or injury requiring in-patient hospitalization.

The tables below show the number of Serious Incidents in a year for each type of pipeline operator. Each year and selected column totals provide links to focused reports showing the causes of the corresponding incidents.

The data source for this table is the PHMSA Filtered Incident Files.⁽¹⁾ ⁽²⁾ ⁽³⁾

Where appropriate, the table columns can be sorted by clicking the corresponding column header.

There is also a designation for **Significant Incidents** which includes all serious incidents as well as incidents with specifically defined consequences beyond injury and fatality. This Significant Incident data set is designed for historical trending and includes adjustments to account for commodity cost fluctuations and general inflation. See [Significant Pipeline Incidents](#) for information on this larger set of incidents.

More [Pipeline Incidents and Mileage Reports](#) are available.

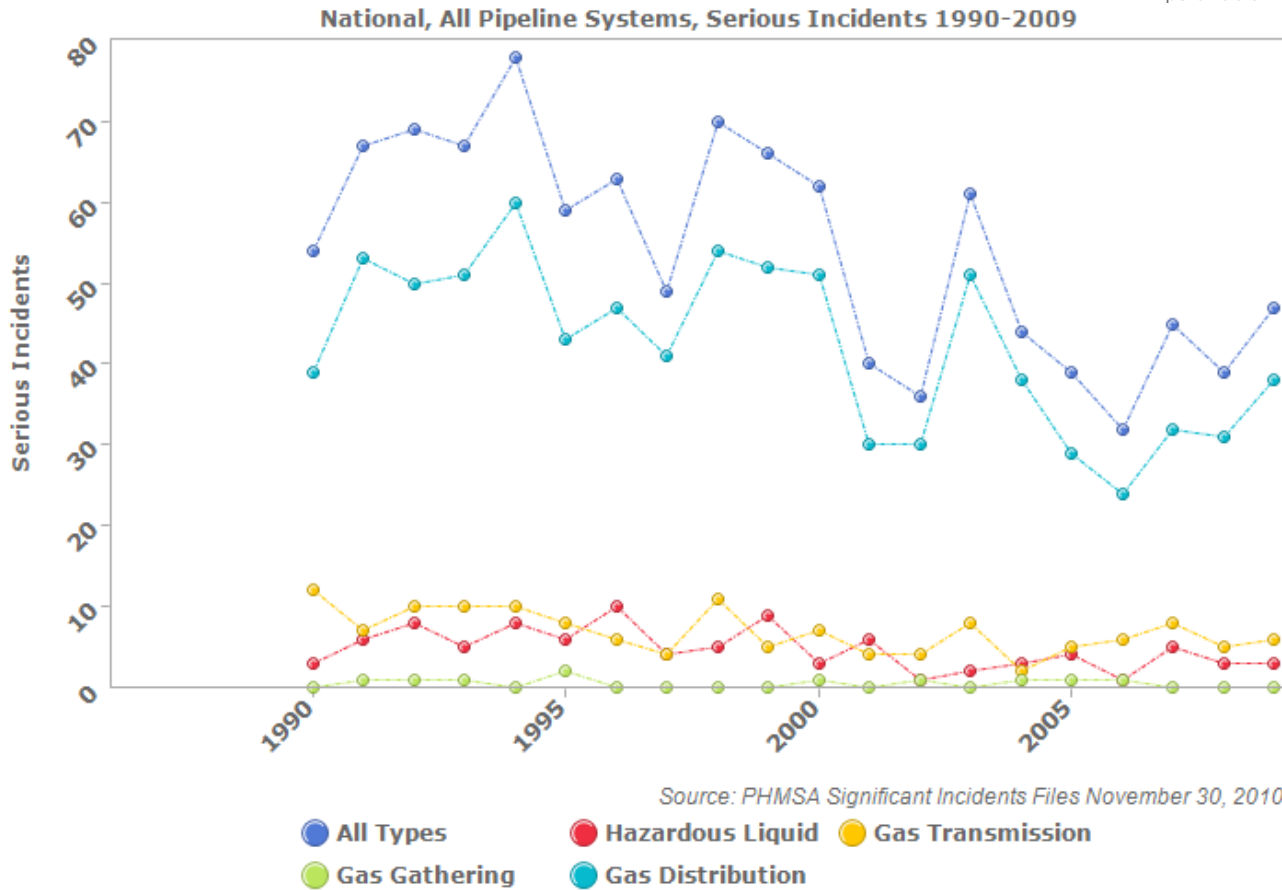
Important Update: As of March 2010, the sub-cause designations in these reports have been updated and improved. Please note that sub-cause category counts and distributions have changed as a result of these improvements and also as a result of preparations for new accident/incident reporting forms which became effective January 1, 2010.

National All Pipeline Systems: Serious Incidents: 1990-2009

Year	All Types	Hazardous Liquid ^(A)	Gas Transmission ^(A)	Gas Gathering ⁽²⁾	Gas Distribution ^(B)
1990	54	3	12	0	39
1991	67	6	7	1	53
1992	69	8	10	1	50
1993	67	5	10	1	51
1994	78	8	10	0	60
1995	59	6	8	2	43
1996	63	10	6	0	47
1997	49	4	4	0	41
1998	70	5	11	0	54
1999	66	9	5	0	52
2000	62	3	7	1	51
2001	40	6	4	0	30
2002	36	1	4	1	30
2003	61	2	8	0	51
2004	44	3	2	1	38
2005	39	4	5	1	29
2006	32	1	6	1	24
2007	45	5	8	0	32
2008	39	3	5	0	31
2009	47	3	6	0	38
Totals	1,087	95	138	10	844
3 Year Average	44	4	6	0	34

(2007-2009)					
5 Year Average (2005-2009)	40	3	6	0	31
10 Year Average (2000-2009)	45	3	6	1	35
20 Year Average (1990-2009)	54	5	7	1	42

Export Table



Notes

- Serious Hazardous Liquid and Gas Transmission offshore incidents are combined with their onshore counterparts in this report. There have been no serious offshore Hazardous Liquid incidents reported over the displayed time period and no serious offshore Gas Transmission incidents since 1996.
- Gas Distribution incidents where fire/explosion was the primary cause of failure, such as a house fire that subsequently resulted in - but was not caused by - a distribution line failure are excluded from 2004 onward. This exclusion has not been applied in years prior to 2004 due to difficulty in identifying these types of events with the older report formats.

Sources

- [PHMSA Hazardous Liquid Flagged Incidents File](#) - November 30, 2010
- [PHMSA Gas Transmission Flagged Incidents File](#) - November 30, 2010
- [PHMSA Gas Distribution Flagged Incidents File](#) - November 30, 2010

See [Pipeline Incidents and Mileage Reports](#) for more pipeline safety reports.

