

**U.S. Department of Transportation
Hazardous Materials Safety
Hazardous Materials Information System
Serious Incidents***

Incidents By Mode and Incident Year

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
Air	35	37	15	13	6	18	17	13	10	15	179
Highway	449	488	377	399	400	422	398	394	361	321	4,009
Rail	83	63	71	58	82	85	75	82	54	40	693
Water	2	1	3	2	4	2	1	1	3	3	22
Total	569	589	466	472	492	527	491	490	428	379	4,903

Fatalities By Mode and Incident Year

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
Air	0	0	0	0	0	0	0	0	0	0	0
Highway	16	9	9	15	13	24	6	10	8	4	114
Rail	0	3	1	0	3	10	0	0	1	1	19
Water	0	0	0	0	0	0	0	0	0	0	0
Total	16	12	10	15	16	34	6	10	9	5	133

* PHMSA revised the definition of a serious incident in 2002. This report uses the current definition:

- a fatality or major injury caused by the release of a hazardous material,
- the evacuation of 25 or more persons as a result of release of a hazardous material or exposure to fire,
- a release or exposure to fire which results in the closure of a major transportation artery,
- the alteration of an aircraft flight plan or operation,
- the release of radioactive materials from Type B packaging,
- the release of over 11.9 gallons or 88.2 pounds of a severe marine pollutant, or
- the release of a bulk quantity (over 119 gallons or 882 pounds) of a hazardous material.

Source: Hazardous Materials Information System, U.S. Department of Transportation. Data as of 06/01/2010

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Injuries By Mode and Incident Year

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
Air	0	6	0	0	3	52	2	1	4	0	68
Highway	45	24	25	33	56	103	68	93	69	71	587
Rail	57	23	3	2	75	671	13	28	22	21	915
Water	0	0	0	0	0	0	0	3	0	0	3
Total	102	53	28	35	134	826	83	125	95	92	1,573

Damages By Mode and Incident Year

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
Air	53,931	27,529	60,000	1,715	15,100	12,575	576,035	4,150	0	300,000	1,051,035
Highway	40,725,377	33,775,708	35,701,954	35,986,419	35,388,574	33,500,472	49,310,040	37,249,484	31,919,397	28,133,675	361,691,100
Rail	25,330,431	18,496,249	7,226,964	3,028,260	12,671,796	14,246,770	6,993,843	25,929,236	8,177,190	15,215,331	137,316,070
Water	226,460	22,242	13,383	116,000	1,596,922	69,500	31,030	0	100,000	90,127	2,265,664
Total	66,336,199	52,321,728	43,002,301	39,132,394	49,672,392	47,829,317	56,910,948	63,182,870	40,196,587	43,739,133	502,323,869

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- the evacuation of 25 or more persons as a result of release of a hazardous material or exposure to fire,
- a release or exposure to fire which results in the closure of a major transportation artery,
- the alteration of an aircraft flight plan or operation,
- the release of radioactive materials from Type B packaging,
- the release of over 11.9 gallons or 88.2 pounds of a severe marine pollutant, or
- the release of a bulk quantity (over 119 gallons or 882 pounds) of a hazardous material.