

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

**Incidents By Mode and Incident Year**

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Total
Air	25	18	35	37	15	13	6	18	17	14	198
Highway	356	447	449	488	377	399	400	423	401	385	4,125
Rail	72	68	83	63	71	58	82	85	76	80	738
Water	4	0	2	1	3	2	4	2	1	1	20
<b>Total</b>	<b>457</b>	<b>533</b>	<b>569</b>	<b>589</b>	<b>466</b>	<b>472</b>	<b>492</b>	<b>528</b>	<b>495</b>	<b>480</b>	<b>5,081</b>

**Fatalities By Mode and Incident Year**

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Total
Air	0	0	0	0	0	0	0	0	0	0	0
Highway	13	9	16	9	9	15	13	24	6	10	124
Rail	0	0	0	3	1	0	3	10	0	0	17
Water	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>13</b>	<b>9</b>	<b>16</b>	<b>12</b>	<b>10</b>	<b>15</b>	<b>16</b>	<b>34</b>	<b>6</b>	<b>10</b>	<b>141</b>

\* 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 10/01/2008

**Hazardous Materials Safety  
Hazardous Materials Safety  
Hazardous Materials Information System  
Serious Incidents\***

**Injuries By Mode and Incident Year**

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Total
Air	4	3	0	6	0	0	3	52	2	1	71
Highway	45	84	45	24	25	33	56	103	68	87	570
Rail	9	4	57	23	3	2	75	671	13	26	883
Water	2	0	0	0	0	0	0	0	0	3	5
<b>Total</b>	<b>60</b>	<b>91</b>	<b>102</b>	<b>53</b>	<b>28</b>	<b>35</b>	<b>134</b>	<b>826</b>	<b>83</b>	<b>117</b>	<b>1,529</b>

**Damages By Mode and Incident Year**

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Total
Air	22,429	7,405	53,931	27,529	60,000	1,715	15,100	12,575	576,035	4,150	780,869
Highway	19,802,331	24,036,634	40,725,377	33,775,708	35,701,954	35,986,419	35,388,574	33,500,472	49,538,400	36,204,672	344,660,541
Rail	13,318,623	29,765,038	25,330,431	18,496,249	7,226,964	3,028,260	12,671,796	14,246,770	6,993,843	25,920,428	156,998,402
Water	980,221	0	226,460	22,242	13,383	116,000	1,596,922	69,500	31,030	0	3,055,758
<b>Total</b>	<b>34,123,604</b>	<b>53,809,077</b>	<b>66,336,199</b>	<b>52,321,728</b>	<b>43,002,301</b>	<b>39,132,394</b>	<b>49,672,392</b>	<b>47,829,317</b>	<b>57,139,308</b>	<b>62,129,250</b>	<b>505,495,570</b>

\* 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.