

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

**Incidents By Mode and Incident Year**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	Total
<b>Air</b>	7	8	6	13	23	17	35	36	15	13	173
<b>Highway</b>	349	353	423	409	357	457	462	504	390	418	4,122
<b>Railway</b>	82	61	74	61	71	70	75	61	68	55	678
<b>Water</b>	1	1	1	1	4	0	2	1	3	2	16
<b>Other</b>	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	439	423	504	484	455	544	574	602	476	488	4,989

**Deaths By Mode and Incident Year**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	Total
<b>Air</b>	0	0	110	0	0	0	0	0	0	0	110
<b>Highway</b>	11	7	8	12	13	9	16	8	8	14	106
<b>Railway</b>	0	0	2	0	0	0	0	3	1	0	6
<b>Water</b>	0	0	0	0	0	0	0	0	0	0	0
<b>Other</b>	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	11	7	120	12	13	9	16	11	9	14	222

**Injuries By Mode and Incident Year**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	Total
<b>Air</b>	21.00	12.00	1.00	1.00	4.00	0.00	0.00	6.00	0.00	0.00	45.00
<b>Highway</b>	151.00	66.00	86.00	59.00	45.00	85.00	44.00	25.00	25.00	33.00	619.00
<b>Railway</b>	48.00	20.00	886.00	7.00	9.00	4.00	57.00	23.00	3.00	2.00	1,059.00
<b>Water</b>	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	2.00
<b>Other</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total</b>	220	98	973	67	60	89	101	54	28	35	1,725.00

**Damages By Mode and Incident Year**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	Total
<b>Air</b>	70,272	1,805	0	2,651	22,429	7,405	53,931	27,529	12,000	1,715	199,737
<b>Highway</b>	15,181,872	13,465,155	22,800,380	15,766,856	19,552,053	24,181,899	40,880,439	34,138,698	31,372,014	34,701,457	252,040,823
<b>Railway</b>	16,364,366	5,807,844	14,885,457	5,833,725	12,998,423	26,709,731	23,722,601	18,348,307	6,674,464	3,021,760	134,366,678
<b>Water</b>	16,000	333	0	13,000	835,599	0	226,460	22,242	13,383	65,650	1,192,667
<b>Other</b>	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	31,632,510	19,275,137	37,685,837	21,616,232	33,408,504	50,899,035	64,883,431	52,536,776	38,071,861	37,790,582	387,799,905

\* RSPA 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.