

**U.S. DEPARTMENT OF TRANSPORTATION  
HAZARDOUS MATERIALS SAFETY  
HAZARDOUS MATERIALS INFORMATION SYSTEM  
HAZMAT SUMMARY BY MODE / CAUSE FOR CALENDAR YEAR - 1996**

Mode / Cause	Incidents	Injuries		Deaths	Damages
		Major	Minor		
<b>SERIOUS INCIDENTS*</b>					
<b>Air</b>					
Human Error	4	0	0	110	0
Package Failure	1	0	1	0	0
Vehicular Accident/Derailment	0	0	0	0	0
Other	1	0	0	0	0
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<b>SUBTOTAL:</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>110</b>	<b>0</b>
<b>Highway</b>					
Human Error	169	13	24	1	1,641,242
Package Failure	66	8	15	0	656,438
Vehicular Accident/Derailment	174	12	10	5	19,280,161
Other	14	3	1	2	1,222,539
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<b>SUBTOTAL:</b>	<b>423</b>	<b>36</b>	<b>50</b>	<b>8</b>	<b>22,800,380</b>
<b>Railway</b>					
Human Error	22	2	4	0	41,236
Package Failure	25	2	30	0	1,306,331
Vehicular Accident/Derailment	25	2	840	2	13,537,890
Other	2	5	1	0	0
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<b>SUBTOTAL:</b>	<b>74</b>	<b>11</b>	<b>875</b>	<b>2</b>	<b>14,885,457</b>
<b>Water</b>					
Human Error	1	0	0	0	0
Package Failure	0	0	0	0	0
Vehicular Accident/Derailment	0	0	0	0	0
Other	0	0	0	0	0
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<b>SUBTOTAL:</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Other</b>					
Human Error	0	0	0	0	0
Package Failure	0	0	0	0	0
Vehicular Accident/Derailment	0	0	0	0	0
Other	0	0	0	0	0
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<b>SUBTOTAL:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
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<b>Total - 1996:</b>	<b>504</b>	<b>47</b>	<b>926</b>	<b>120</b>	<b>37,685,837</b>

Note: Due to multiple causes being involved in a single incident, the total above may not correspond to the total in the other reports.

\* 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.