

**U.S. DEPARTMENT OF TRANSPORTATION  
HAZARDOUS MATERIALS SAFETY  
HAZARDOUS MATERIALS INFORMATION SYSTEM  
HAZMAT SUMMARY BY MODE / CAUSE FOR CALENDAR YEAR - 2000**

Mode / Cause	Incidents	Injuries		Deaths	Damages
		Major	Minor		
<b>SERIOUS INCIDENTS*</b>					
<b>Air</b>					
Human Error	9	0	0	0	6,850
Package Failure	1	0	0	0	45
Vehicular Accident/Derailment	1	0	0	0	42,164
<b>SUBTOTAL:</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>49,059</b>
<b>Highway</b>					
Human Error	34	5	5	2	4,249,344
Package Failure	34	6	10	2	572,055
Vehicular Accident/Derailment	327	5	10	11	37,699,609
Other	4	0	0	1	89,645
<b>SUBTOTAL:</b>	<b>399</b>	<b>16</b>	<b>25</b>	<b>16</b>	<b>42,610,653</b>
<b>Railway</b>					
Human Error	17	1	41	0	578,000
Package Failure	15	3	11	0	938,723
Vehicular Accident/Derailment	62	0	1	0	23,978,356
Other	1	0	0	0	3,000
<b>SUBTOTAL:</b>	<b>95</b>	<b>4</b>	<b>53</b>	<b>0</b>	<b>25,498,079</b>
<b>Water</b>					
Human Error	1	0	0	0	75,000
Package Failure	1	0	0	0	0
Vehicular Accident/Derailment	0	0	0	0	0
Other	0	0	0	0	0
<b>SUBTOTAL:</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>75,000</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
<b>SUBTOTAL:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total - 2000:</b>	<b>507</b>	<b>20</b>	<b>78</b>	<b>16</b>	<b>68,232,791</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 previous definition:

- a fatality or major injury caused by the release of a hazardous material,
- closure of a major transportation artery,
- the evacuation of 6 or more persons due to the presence of a hazardous material,
- a vehicle accident or derailment resulting in the release of a hazardous material