

**U.S. DEPARTMENT OF TRANSPORTATION
HAZARDOUS MATERIALS SAFETY**

**HAZARDOUS MATERIALS INFORMATION SYSTEM
HAZMAT SUMMARY BY MODE / CAUSE FOR CALENDAR YEAR - 2000**

Mode / Cause	Incidents	SERIOUS INCIDENTS*		Deaths	Damages
		Major	Minor		
Air					
Human Error	30	0	0	0	53,931
Package Failure	0	0	0	0	0
Vehicular Accident/Derailment	0	0	0	0	0
Other	5	0	0	0	0

SUBTOTAL:	35	0	0	0	53,931
Highway					
Human Error	157	5	8	2	5,901,405
Package Failure	102	6	14	2	1,177,682
Vehicular Accident/Derailment	199	5	6	11	33,694,022
Other	4	0	0	1	107,330

SUBTOTAL:	462	16	28	16	40,880,439
Railway					
Human Error	25	1	41	0	788,928
Package Failure	24	3	12	0	1,221,150
Vehicular Accident/Derailment	27	0	0	0	21,712,523
Other	0	0	0	0	0

SUBTOTAL:	76	4	53	0	23,722,601
Water					
Human Error	1	0	0	0	75,000
Package Failure	1	0	0	0	151,460
Vehicular Accident/Derailment	0	0	0	0	0
Other	0	0	0	0	0

SUBTOTAL:	2	0	0	0	226,460
Other					
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

SUBTOTAL:	0	0	0	0	0

Total - 2000:	575	20	81	16	64,883,431

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.