

**U.S. DEPARTMENT OF TRANSPORTATION
HAZARDOUS MATERIALS SAFETY
HAZARDOUS MATERIALS INFORMATION SYSTEM
HAZMAT SUMMARY BY MODE / CAUSE FOR CALENDAR YEAR - 1994**

Mode / Cause	Incidents	Injuries		Deaths	Damages
		Major	Minor		
SERIOUS INCIDENTS*					
Air					
Human Error	12	0	22	0	60,252
Package Failure	2	0	11	0	9,619
Vehicular Accident/Derailment	0	0	0	0	0
SUBTOTAL:	14	0	33	0	69,871
Highway					
Human Error	60	11	46	0	296,891
Package Failure	19	7	28	0	501,423
Vehicular Accident/Derailment	244	23	72	11	13,538,595
Other	2	1	0	0	139,300
SUBTOTAL:	325	42	146	11	14,476,209
Railway					
Human Error	13	5	18	0	371,056
Package Failure	10	5	1	0	600
Vehicular Accident/Derailment	52	2	14	0	12,013,577
Other	1	0	0	0	0
SUBTOTAL:	76	12	33	0	12,385,233
Water					
Package Failure	1	0	0	0	0
Vehicular Accident/Derailment	0	0	0	0	0
SUBTOTAL:	1	0	0	0	0
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 - 1994:	416	54	212	11	26,931,313

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