

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

HAZARDOUS MATERIALS INFORMATION SYSTEM

HAZMAT SUMMARY BY MODE / CAUSE FOR CALENDAR YEAR - 1997

Mode / Cause	Incidents	Injuries		Deaths	Damages
		Major	Minor		
Air					
Human Error	9.00	0.00	4.00	0.00	6,184.00
Package Failure	1.00	0.00	0.00	0.00	25.00
Vehicular Accident/Derailment	1.00	0.00	0.00	0.00	0.00
SUBTOTAL:	11	0	4	0	6,209
Highway					
Human Error	56.00	9.00	12.00	0.00	446,193.00
Package Failure	24.00	30.00	3.00	1.00	217,074.00
Vehicular Accident/Derailment	264.00	1.00	10.00	10.00	17,871,071.00
Other	3.00	0.00	0.00	1.00	316,911.00
SUBTOTAL:	347	40	25	12	18,851,249
Railway					
Human Error	5.00	0.00	0.00	0.00	43,000.00
Package Failure	6.00	1.00	0.00	0.00	16,250.00
Vehicular Accident/Derailment	53.00	0.00	5.00	0.00	7,446,489.00
Other	2.00	0.00	0.00	0.00	905.00
SUBTOTAL:	66	1	5	0	7,506,644
Water					
Vehicular Accident/Derailment	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	0	0	0	0	0
Other					
Human Error	0.00	0.00	0.00	0.00	0.00
Package Failure	0.00	0.00	0.00	0.00	0.00
Vehicular Accident/Derailment	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	0	0	0	0	0
Total - 1997:	424	41	34	12	26,364,102

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

* RSPA 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