

**U.S. DEPARTMENT OF TRANSPORTATION
HAZARDOUS MATERIALS SAFETY
HAZARDOUS MATERIALS INFORMATION SYSTEM
HAZMAT SUMMARY BY MODE / CAUSE**

CALENDAR YEAR 2001

Mode / Cause	Incidents	Injuries		Deaths	Damages
		Major	Minor		
Air					
Human Error	942	0	12	0	242,172
Package Failure	136	0	1	0	17,017
Vehicular Accident/Derailment	2	0	0	0	50,000
Other	3	0	0	0	0

SUBTOTAL:	1,083	0	13	0	309,189
Highway					
Human Error	13,724	11	68	1	8,876,526
Package Failure	1,700	1	16	0	2,348,763
Vehicular Accident/Derailment	356	7	5	8	36,403,600
Other	26	0	1	0	109,470

SUBTOTAL:	15,806	19	90	9	47,738,359
Railway					
Human Error	524	1	13	0	490,746
Package Failure	316	2	25	3	622,360
Vehicular Accident/Derailment	54	0	0	0	20,092,439
Other	5	0	5	0	42,110

SUBTOTAL:	899	3	43	3	21,247,655
Water					
Human Error	3	0	0	0	27,119
Package Failure	3	0	0	0	120,242
Vehicular Accident/Derailment	0	0	0	0	0
Other	0	0	0	0	0

SUBTOTAL:	6	0	0	0	147,361
Others					
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 - 2001	17,794	22	146	12	69,442,564

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