U.S. DEPARTMENT OF TRANSPORTATION
HAZARDOUS MATERIALS SAFETY

HAZARDOUS MATERIALS INFORMATION SYSTEM

HAZMAT SUMMARY BY MODE / CAUSE FOR CALENDAR YEAR - 2003

SERIOUS INCIDENTS*

Mode / Cause	Incidents	Injuries Major	Injuries Minor	Deaths	Damages
Air					
Human Error	12	0	0	0	1,715
Package Failure	1	0	0	0	0
Vehicular Accident/Derailment	0	0	0	0	0
Other	0	0	0	0	0
SUBTOTAL:	13	0	0	0	1,715
Highway					
Human Error	161	8	2	1	2,309,883
Package Failure	72	3	3	5	778,432
Vehicular Accident/Derailment	175	4	12	8	30,607,920
Other	10	1	0	0	1,005,222
SUBTOTAL:	418	16	17	14	34,701,457
Railway					
Human Error	20	0	1	0	450,890
Package Failure	18	1	0	0	206,397
Vehicular Accident/Derailment	16	0	0	0	2,348,071
Other	1	0	0	0	16,402
SUBTOTAL:	55	1	1	0	3,021,760
Water					
Human Error	2	0	0	0	65,650
Package Failure	0	0	0	0	0
Vehicular Accident/Derailment	0	0	0	0	0
Other	0	0	0	0	0
SUBTOTAL:	2	0	0	0	65,650
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 - 2003:	488	17	18	14	37,790,582

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 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.