

U . S. DEPARTMENT OF TRANSPORTATION
HAZARDOUS MATERIALS SAFETY
HAZARDOUS MATERIALS INFORMATION SYSTEM
HAZMAT SUMMARY BY Cause FOR 2005

Cause	INJURIES					Damages
	Incidents	Hospitalized	Non-Hospitalized	Fatalities		
Abrasion	113	0	1	0	222,534	
Broken Component or Device	224	22	10	1	700,850	
Commodity Self-Ignition	8	0	0	0	798	
Commodity Polymerization	3	0	0	0	21,030	
Conveyer or Material Handling Equipment Misha	93	0	1	0	118,705	
Corrosion - Exterior	37	0	1	0	91,632	
Corrosion - Interior	66	1	1	0	1,046,675	
Defective Component or Device	941	1	19	1	637,588	
Derailment	23	77	557	9	12,122,870	
Deterioration or Aging	251	0	9	0	308,145	
Dropped	1,992	40	13	0	211,497	
Fire, Temperature, or Heat	24	7	7	2	3,812,212	
Forklift Accident	1,303	0	5	0	501,735	
Freezing	21	0	0	1	104,120	
Human Error	1,519	5	23	3	4,598,236	
Impact with Sharp or Protruding Object (e.g., nail	981	0	10	2	1,430,850	
Improper Preparation for Transportation	1,428	2	17	0	561,158	
Inadequate Accident Damage Protection	16	0	0	0	96,500	
Inadequate Blocking and Bracing	1,335	0	7	0	447,414	
Inadequate Maintenance	10	0	0	0	5,650	
Inadequate Preparation for Transportation	976	0	12	0	319,305	
Inadequate Procedures	96	0	8	0	70,865	
Inadequate Training	15	0	0	0	2,761	
Incompatible Product	12	1	0	0	664,643	
Incorrectly Sized Component or Device	14	0	0	0	41,644	
Loose Closure, Component, or Device	1,869	0	17	0	430,996	
Misaligned Material, Component, or Device	41	0	3	0	45,587	
Missing Component or Device	55	0	0	0	82,241	
Overfilled	242	0	0	0	605,608	
Over-pressurized	115	3	4	0	47,777	
Rollover Accident	131	2	9	5	15,104,359	
Stub Sill Separation from Tank (Tank Cars)	3	0	0	0	2,503	
Threads Worn or Cross Threaded	28	0	2	0	54,306	
Too Much Weight on Package	570	2	3	0	112,574	
Valve Open	311	0	1	0	36,422	
Vandalism	5	0	0	0	5,086	
Vehicular Crash or Accident Damage	120	0	18	3	6,946,477	
Water Damage	28	0	0	0	60,000	
Cause Not Reported	1,873	34	32	12	9,747,083	
Total - 2005	16,892					

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