

U . S. DEPARTMENT OF TRANSPORTATION
 HAZARDOUS MATERIALS SAFETY
 HAZARDOUS MATERIALS INFORMATION SYSTEM
 HAZMAT SUMMARY BY Mode of Transportation / Cause

Calendar Year - 2008
 2nd Quarter

Mode of Transportation / Cause	Incidents	INJURIES		Fatalities	Damages
		Hospitalized	Non-Hospitalized		
Air					
Abrasion	3	0	0	0	0
Commodity Polymerization	1	0	0	0	0
Conveyer or Material Handling Equipment Mishap	11	0	0	0	0
Corrosion - Exterior	2	0	0	0	0
Corrosion - Interior	1	0	0	0	0
Defective Component or Device	19	0	0	0	7,000
Deterioration or Aging	4	0	0	0	0
Dropped	79	0	0	0	0
Forklift Accident	15	0	0	0	4,500
Freezing	2	0	0	0	0
Human Error	57	0	0	0	4,545
Impact with Sharp or Protruding Object (e.g., nails)	15	0	0	0	34,300
Improper Preparation for Transportation	69	0	1	0	0
Inadequate Blocking and Bracing	2	0	0	0	0
Inadequate Preparation for Transportation	97	0	0	0	7,665
Loose Closure, Component, or Device	1	0	0	0	0
Overfilled	5	0	0	0	0
Over-pressurized	4	0	0	0	0
Too Much Weight on Package	8	0	0	0	0
Valve Open	27	0	0	0	0
Vehicular Crash or Accident Damage	1	0	0	0	0
Water Damage	1	0	0	0	0
Cause Not Reported	197	0	5	0	0

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Highway					
Cause Not Reported	1	0	0	0	0
Abrasion	55	0	1	0	52,508
Broken Component or Device	119	0	1	0	93,894
Commodity Self-Ignition	2	0	0	0	0
Conveyer or Material Handling Equipment Mishap	32	0	0	0	5,229
Corrosion - Exterior	11	0	0	0	10,161
Corrosion - Interior	20	0	0	0	11,750
Defective Component or Device	579	1	3	0	132,446
Deterioration or Aging	94	1	2	0	100,922
Dropped	912	0	4	0	28,509
Fire, Temperature, or Heat	5	0	0	0	589,140
Forklift Accident	680	2	17	0	152,417
Freezing	16	0	0	0	9,100
Human Error	1,151	0	7	1	1,211,681
Impact with Sharp or Protruding Object (e.g., nails)	469	0	1	0	134,190
Improper Preparation for Transportation	529	0	8	0	182,231
Inadequate Accident Damage Protection	79	0	0	0	2,575
Inadequate Blocking and Bracing	503	0	2	0	169,256
Inadequate Maintenance	6	0	0	0	3,000
Inadequate Preparation for Transportation	427	0	0	0	170,192
Inadequate Procedures	60	0	0	0	21,490
Inadequate Training	13	0	0	0	800
Incompatible Product	4	0	0	0	2,000
Incorrectly Sized Component or Device	1	0	0	0	0
Loose Closure, Component, or Device	818	0	0	0	70,529
Misaligned Material, Component, or Device	17	0	0	0	7,700
Missing Component or Device	24	0	0	0	502,490
Overfilled	100	0	1	0	88,343
Over-pressurized	21	0	1	0	131,425
Rollover Accident	33	0	0	1	4,809,023
Stub Sill Separation from Tank (Tank Cars)	1	0	0	0	0
Threads Worn or Cross Threaded	1	0	0	0	0
Too Much Weight on Package	218	0	0	0	25,676
Valve Open	123	0	1	0	10,380
Vandalism	1	0	0	0	0
Vehicular Crash or Accident Damage	49	0	1	0	3,923,417
Water Damage	4	0	0	0	0
Cause Not Reported	318	2	23	1	2,305,174

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Rail					
Abrasion	3	0	0	0	2,000
Broken Component or Device	12	0	0	0	84,243
Corrosion - Exterior	6	0	0	0	114,401
Defective Component or Device	39	0	0	0	235,841
Derailment	8	0	0	0	1,744,551
Deterioration or Aging	22	0	0	0	254,447
Dropped	2	0	0	0	16,704
Forklift Accident	2	0	0	0	6,000
Human Error	12	0	0	0	156,114
Impact with Sharp or Protruding Object (e.g., nails)	3	0	0	0	3,130
Improper Preparation for Transportation	18	0	0	0	33,426
Inadequate Blocking and Bracing	3	0	0	0	2,500
Inadequate Preparation for Transportation	21	0	0	0	46,249
Inadequate Procedures	1	0	0	0	0
Incompatible Product	1	0	0	0	528
Loose Closure, Component, or Device	130	1	3	0	268,802
Misaligned Material, Component, or Device	11	1	1	0	16,255
Missing Component or Device	22	1	0	0	49,738
Overfilled	8	0	0	0	24,073
Over-pressurized	17	0	1	0	21,113
Threads Worn or Cross Threaded	1	0	0	0	750
Too Much Weight on Package	4	0	0	0	18,453
Valve Open	11	0	0	0	32,943
Vehicular Crash or Accident Damage	2	0	0	0	4,500
Cause Not Reported	74	2	3	0	520,043

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Water					
Defective Component or Device	1	0	0	0	4,500
Forklift Accident	1	0	0	0	600
Human Error	1	0	0	0	500
Impact with Sharp or Protruding Object (e.g., nails)	1	0	0	0	10,500
Inadequate Blocking and Bracing	1	0	0	0	1,500
Cause Not Reported	58	0	0	0	1,500
Totals By Mode					
Air Incidents	621	0	6	0	58,010
Highway Incidents	7,496	6	73	3	14,957,648
Rail Incidents	433	5	8	0	3,656,804
Water Incidents	121	0	0	0	20,600
Total - 2,008.00, 2nd Quarter	8,613	11	87	3	18,691,562

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