

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	2	0	0	0	0
Commodity Polymerization	1	0	0	0	0
Conveyer or Material Handling Equipment Mishap	10	0	0	0	0
Corrosion - Exterior	1	0	0	0	0
Corrosion - Interior	1	0	0	0	0
Defective Component or Device	17	0	0	0	7,000
Deterioration or Aging	4	0	0	0	0
Dropped	62	0	0	0	0
Forklift Accident	15	0	0	0	4,500
Freezing	1	0	0	0	0
Human Error	49	0	0	0	4,545
Impact with Sharp or Protruding Object (e.g., nails)	11	0	0	0	34,300
Improper Preparation for Transportation	56	0	1	0	0
Inadequate Blocking and Bracing	1	0	0	0	0
Inadequate Preparation for Transportation	88	0	0	0	7,665
Loose Closure, Component, or Device	1	0	0	0	0
Overfilled	4	0	0	0	0
Over-pressurized	4	0	0	0	0
Too Much Weight on Package	8	0	0	0	0
Valve Open	23	0	0	0	0
Water Damage	1	0	0	0	0
Cause Not Reported	167	0	5	0	0

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Highway					
Abrasion	44	0	0	0	49,958
Broken Component or Device	114	0	0	0	53,544
Commodity Self-Ignition	2	0	0	0	0
Conveyer or Material Handling Equipment Mishap	28	0	0	0	5,229
Corrosion - Exterior	11	0	0	0	10,161
Corrosion - Interior	18	0	0	0	11,750
Defective Component or Device	522	1	3	0	81,761
Deterioration or Aging	89	1	2	0	90,402
Dropped	851	0	4	0	26,019
Fire, Temperature, or Heat	4	0	0	0	447,500
Forklift Accident	609	1	1	0	123,978
Freezing	16	0	0	0	9,100
Human Error	1,019	0	4	0	670,806
Impact with Sharp or Protruding Object (e.g., nails)	433	0	0	0	105,196
Improper Preparation for Transportation	455	0	8	0	157,966
Inadequate Accident Damage Protection	76	0	0	0	2,575
Inadequate Blocking and Bracing	487	0	1	0	133,006
Inadequate Maintenance	6	0	0	0	3,000
Inadequate Preparation for Transportation	350	0	0	0	149,795
Inadequate Procedures	53	0	0	0	20,490
Inadequate Training	12	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	810	0	0	0	58,516
Misaligned Material, Component, or Device	17	0	0	0	7,700
Missing Component or Device	24	0	0	0	502,490
Overfilled	91	0	1	0	68,527
Over-pressurized	19	0	1	0	124,125
Rollover Accident	31	0	0	1	4,631,818
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	187	0	0	0	22,751
Valve Open	109	0	1	0	10,380
Vehicular Crash or Accident Damage	40	0	0	0	2,933,275
Water Damage	4	0	0	0	0
Cause Not Reported	288	1	2	1	1,921,315

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Rail					
Abrasion	3	0	0	0	2,000
Broken Component or Device	11	0	0	0	83,291
Corrosion - Exterior	5	0	0	0	112,641
Defective Component or Device	34	0	0	0	230,137
Derailment	8	0	0	0	1,744,551
Deterioration or Aging	19	0	0	0	251,649
Dropped	2	0	0	0	16,704
Forklift Accident	2	0	0	0	6,000
Human Error	11	0	0	0	104,150
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
Incompatible Product	1	0	0	0	528
Loose Closure, Component, or Device	115	0	1	0	243,178
Misaligned Material, Component, or Device	8	0	0	0	9,533
Missing Component or Device	20	1	0	0	47,978
Overfilled	8	0	0	0	24,073
Over-pressurized	15	0	1	0	19,105
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	51	1	1	0	485,515

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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	527	0	6	0	58,010
Highway Incidents	6,826	4	28	2	12,435,933
Rail Incidents	376	2	3	0	3,522,984
Water Incidents	121	0	0	0	20,600
Total - 2,008.00, 2nd Quarter	7,792	6	37	2	16,036,027

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