

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

Serious Incidents*

Calendar Year - 2008
 2nd Quarter

Mode of Transportation / Cause	Incidents	INJURIES		Fatalities	Damages
		Hospitalized	Non-Hospitalized		
Air					
Human Error	1	0	0	0	0
Improper Preparation for Transportation	2	0	0	0	0
Cause Not Reported	1	0	4	0	0

* PHMSA revised the definition of a serious incident in 2002. This is 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.

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Highway					
Abrasion	2	0	0	0	46,058
Broken Component or Device	5	0	1	0	56,252
Corrosion - Exterior	1	0	0	0	0
Corrosion - Interior	1	0	0	0	11,750
Defective Component or Device	2	1	0	0	14,554
Deterioration or Aging	4	1	2	0	47,100
Dropped	1	0	4	0	2,035
Fire, Temperature, or Heat	2	0	0	0	488,640
Forklift Accident	4	2	15	0	20,325
Freezing	1	0	0	0	6,000
Human Error	13	0	2	1	984,659
Impact with Sharp or Protruding Object (e.g., nails)	2	0	0	0	15,000
Improper Preparation for Transportation	2	0	0	0	67,350
Inadequate Blocking and Bracing	5	0	1	0	115,375
Inadequate Maintenance	1	0	0	0	0
Inadequate Preparation for Transportation	1	0	0	0	8,000
Incompatible Product	1	0	0	0	2,000
Loose Closure, Component, or Device	4	0	0	0	24,036
Misaligned Material, Component, or Device	1	0	0	0	0
Missing Component or Device	1	0	0	0	500,350
Overfilled	5	0	0	0	35,206
Over-pressurized	2	0	0	0	113,410
Rollover Accident	26	0	0	1	4,606,144
Vehicular Crash or Accident Damage	32	0	1	0	3,589,995
Cause Not Reported	27	2	21	1	1,183,355

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Rail					
Broken Component or Device	1	0	0	0	67,600
Corrosion - Exterior	1	0	0	0	100,150
Defective Component or Device	4	0	0	0	155,072
Derailment	5	0	0	0	1,648,841
Deterioration or Aging	4	0	0	0	211,206
Human Error	4	0	0	0	147,614
Improper Preparation for Transportation	1	0	0	0	0
Loose Closure, Component, or Device	5	1	0	0	15,760
Misaligned Material, Component, or Device	2	1	0	0	5,260
Missing Component or Device	2	1	0	0	34,896
Valve Open	1	0	0	0	21,200
Cause Not Reported	13	2	0	0	340,424
Water					
Defective Component or Device	1	0	0	0	4,500
Impact with Sharp or Protruding Object (e.g., nails)	1	0	0	0	10,500
Cause Not Reported	1	0	0	0	0

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Totals By Mode					
Air Incidents	4	0	4	0	0
Highway Incidents	146	6	47	3	11,937,594
Rail Incidents	43	5	0	0	2,748,023
Water Incidents	4	0	0	0	15,000
Total - 2008, 2nd Quarter	196	11	51	3	14,700,617

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

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