

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		
<b>Air</b>					
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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<b>Highway</b>					
Abrasion	2	0	0	0	46,058
Broken Component or Device	3	0	0	0	20,002
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	1	0	0	0	347,000
Forklift Accident	3	1	0	0	5,000
Freezing	1	0	0	0	6,000
Human Error	7	0	1	0	470,042
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	4	0	0	0	79,125
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	4	0	0	0	18,600
Over-pressurized	2	0	0	0	113,410
Rollover Accident	25	0	0	1	4,465,144
Vehicular Crash or Accident Damage	26	0	0	0	2,614,451
Cause Not Reported	19	1	0	1	959,572

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<b>Rail</b>					
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	3	0	0	0	95,650
Improper Preparation for Transportation	1	0	0	0	0
Loose Closure, Component, or Device	3	0	0	0	12,060
Misaligned Material, Component, or Device	1	0	0	0	2,352
Missing Component or Device	2	1	0	0	34,896
Valve Open	1	0	0	0	21,200
Cause Not Reported	10	1	0	0	336,724
<b>Water</b>					
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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<b>Totals By Mode</b>					
Air Incidents	4	0	4	0	0
Highway Incidents	119	4	7	2	9,836,579
Rail Incidents	36	2	0	0	2,685,751
Water Incidents	4	0	0	0	15,000
<b>Total - 2008, 2nd Quarter</b>	<b>162</b>	<b>6</b>	<b>11</b>	<b>2</b>	<b>12,537,330</b>

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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