

# **ACCIDENT/INCIDENT**

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Of Transportation**

**Federal Railroad  
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## **NOTICE**

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## INTRODUCTION

Railroads must file monthly accident/incident reports with the Federal Railroad Administration's (FRA) Office of Safety. Bulletin 164 is a summary of accident/incident data reported by 679 railroads for calendar year 1995.

The FRA Guide for Preparing Accident/Incident Reports was reprinted in 1993. It incorporates many suggestions received from representatives of various segments of the railroad safety community. The primary goal of this revision was to improve uniformity of reporting between railroads though additional clarification of the existing reporting requirements. Because of this, comparisons of the accident/incident experience for the current year with earlier years are still valid.

The codes and associated descriptions of the causes of train accidents were updated in the new guide to better categorize the reasons why accidents occur. Although it is still possible to compare major cause code groupings with earlier years, this ability may not exist for all individual causes. This generally is the result of creating new causes to describe situations previously being recorded in miscellaneous categories. The FRA has created a conversion table for reassigning an earlier cause into the most appropriate current code.

There are three basic categories of reportable events: train accident; highway-rail accidents; and, any other event that results in a reportable casualty (death, injury, illness). An accident/incident report must be prepared whenever the event results in certain consequences. For example, a train accident must cause reportable damage above \$6,300 but a highway-rail collision is reportable regardless of severity. Approximate 3.4% (160) of the 4,631 highway-rail accidents reported in 1995 exceeded the damage threshold required for train accidents. These 160 accidents appear in this publication as well as all reported casualties caused by highway-rail accident/incidents. When possible, the count of these are identified within the table or chart.

A complete compilation of all highway-rail accidents/incidents, including those that did not result in a casualties nor cause damage above the train accident threshold, can be found in the annual Highway-Rail Crossing Accident/Incident and Inventory Bulletin.

**HISTORICAL**

**ACCIDENT**

**TRENDS**

**( D A T A )**



**TABLE 1. RAILROAD OPERATIONAL PROFILE<sup>1</sup>**

YEAR	EMPLOYEE HOURS	MTOR TRAIN MILES	YARD SWITCHING MILES	LOCOMOTIVE TRAIN MILES	TOTAL TRAIN MILES
1990	553,603	33,227	98,151	477,459	608,837
1991	530,661	28,112	88,519	460,204	576,835
1992	517,041	27,476	84,430	481,800	593,704
1993	519,673	28,419	87,122	498,433	613,974
1994	518,634	28,664	89,776	536,643	655,083
1995	510,260	24,324	89,892	555,607	669,823

**TABLE 2. REVENUE TON-MILES<sup>2</sup>  
(BILLIONS)**

1990	1,034.0
1991	1,038.9
1992	1,066.8
1993	1,109.3
1994	1,200.7
1995	1,305.7

**TABLE 3. TRAIN ACCIDENT CAUSES**

YEAR	HUMAN FACTORS	MECHANICAL & ELECTRICAL FAILURES	SIGNAL & TRACK DEFECTS	HIGHWAY-RAIL CROSSING IMPACTS <sup>3</sup>	OTHER	TOTAL TRAIN ACCIDENTS
1990	1,095	425	988	166	371	3,045
1991	887	415	968	156	388	2,814
1992	864	353	849	172	293	2,531
1993	865	360	1,017	174	369	2,785
1994	911	293	947	165	353	2,669
1995	944	279	883	160	353	2,619

**TABLE 4. TRAIN ACCIDENTS AND REPORTABLE DAMAGES BY TRAIN MILES**

YEAR	TOTAL ACCIDENTS	TOTAL \$ DAMAGE	AVERAGE \$ DAMAGE	DAMAGE/MILL. TRAIN MILES	ACCIDENTS/MILLION TRAIN MILES
1990	3,045	211,790,873	69,554	347,861	5.00
1991	2,814	222,936,995	79,224	386,483	4.88
1992	2,531	127,017,536	50,185	213,941	4.26
1993	2,785	190,905,060	68,548	310,993	4.54
1994	2,669	180,550,518	67,647	275,615	4.07
1995	2,619	199,347,417	76,116	297,612	3.91

All figures are shown in thousands.

SOURCE: Association of American Railroads. Figures for 1995 are preliminary.

All highway-rail collisions are included regardless of cause.

**TABLE 5. TRAIN ACCIDENTS AND REPORTABLE DAMAGE BY TYPE**

<b>YEAR</b>	<b>TOTAL ACCIDENTS</b>	<b>TOTAL \$ DAMAGE</b>	<b>AVERAGE \$ DAMAGE</b>	<b>DAMAGE/MILL. TRAIN MILES</b>	<b>ACCIDENTS/ MILLION TRAIN MILES</b>
<b><u>COLLISIONS</u></b>					
1990	315	27,809,604	88,284	45,677	0.52
1991	261	37,921,672	145,294	65,741	0.45
1992	207	13,995,737	67,612	23,574	0.35
1993	205	26,151,800	127,570	42,594	0.33
1994	240	30,663,388	127,764	46,808	0.37
1995	235	33,601,459	142,985	50,165	0.35
<b><u>DERAILMENTS</u></b>					
1990	2,146	159,314,565	74,238	261,670	3.52
1991	1,936	153,089,957	79,075	265,396	3.36
1992	1,734	91,520,082	52,780	154,151	2.92
1993	1,930	139,821,449	72,446	227,732	3.14
1994	1,825	125,201,775	68,604	191,124	2.79
1995	1,742	139,120,164	79,862	207,697	2.60
<b><u>HIGHWAY-RAIL IMPACTS<sup>4</sup></u></b>					
1990	166	13,078,256	78,785	21,481	0.27
1991	156	13,275,120	85,097	23,014	0.27
1992	172	8,076,656	46,957	13,604	0.29
1993	174	10,255,804	58,941	16,704	0.28
1994	165	11,801,570	71,525	18,015	0.25
1995	160	10,123,598	63,272	15,114	0.24
<b><u>OTHER</u></b>					
1990	418	11,588,448	27,724	19,034	0.69
1991	461	18,650,246	40,456	32,332	0.80
1992	418	13,425,061	32,117	22,612	0.70
1993	476	14,676,007	30,832	23,903	0.78
1994	439	12,883,785	29,348	19,667	0.67
1995	482	16,502,196	34,237	24,637	0.72

All highway-rail collisions are included regardless of cause.

**TABLE 6. TRAIN ACCIDENTS AND REPORTABLE DAMAGE BY CAUSE**

<b>YEAR</b>	<b>TOTAL ACCIDENTS</b>	<b>TOTAL \$ DAMAGE</b>	<b>AVERAGE \$ DAMAGE</b>	<b>DAMAGE/MILL. TRAIN MILES</b>	<b>ACCIDENTS/MILLION TRAIN MILES</b>
<b><u>HUMAN FACTORS (EXCLUDING HIGHWAY-RAIL IMPACTS)</u></b>					
1990	1,095	60,126,052	54,910	98,756	1.80
1991	887	70,813,850	79,835	122,763	1.54
1992	864	33,653,530	38,951	56,684	1.46
1993	865	39,580,482	45,758	64,466	1.41
1994	911	44,294,746	48,622	67,617	1.39
1995	944	47,851,874	50,690	71,439	1.41
<b><u>EQUIPMENT FAILURES (EXCLUDING HIGHWAY-RAIL IMPACTS)</u></b>					
1990	425	43,625,552	102,648	71,654	0.70
1991	415	48,136,068	115,991	83,449	0.72
1992	353	24,676,396	69,905	41,563	0.59
1993	360	36,650,245	101,806	59,693	0.59
1994	293	31,746,843	108,351	48,462	0.45
1995	279	37,183,580	133,274	55,513	0.42
<b><u>SIGNAL AND TRACK DEFECTS (EXCLUDING HIGHWAY-RAIL IMPACTS)</u></b>					
1990	988	58,058,297	58,763	95,359	1.62
1991	968	59,956,163	61,938	103,940	1.68
1992	849	41,613,860	49,015	70,092	1.43
1993	1,017	58,091,658	57,121	94,616	1.66
1994	947	56,209,632	59,355	85,805	1.45
1995	883	64,051,551	72,538	95,624	1.32
<b><u>HIGHWAY-RAIL IMPACTS<sup>1</sup></u></b>					
1990	166	13,078,256	78,785	21,481	0.27
1991	156	13,275,120	85,097	23,014	0.27
1992	172	8,076,656	46,957	13,604	0.29
1993	174	10,255,804	58,941	16,704	0.28
1994	165	11,801,570	71,525	18,015	0.25
1995	160	10,123,598	63,272	15,114	0.24
<b><u>OTHER (EXCLUDING HIGHWAY-RAIL IMPACTS)</u></b>					
1990	371	36,902,716	99,468	60,612	0.61
1991	388	30,755,794	79,268	53,318	0.67
1992	293	18,997,094	64,836	31,998	0.49
1993	369	46,326,871	125,547	75,454	0.61
1994	353	36,497,727	103,393	55,715	0.54
1995	353	40,136,814	113,702	59,921	0.53

All highway-rail collisions are included regardless of cause.

**TABLE 7. CASUALTIES IN ACCIDENTS/INCIDENTS**

<b>YEAR AND TYPE ACC/INC</b>	<b>DEATHS</b>	<b>INJURIES</b>	<b>TOTAL CASUALTIES</b>	<b>ACCIDENTS/ INCIDENTS<sup>1</sup></b>	<b>TOTAL PER MILLION TRAIN MILES</b>	<b>CASUALTIES</b>
<b><u>TRAIN ACCIDENTS (EXCLUDING HIGHWAY-RAIL IMPACTS)</u></b>						
1990		10	451	461	2,879	0.76
1991		19	326	345	2,658	0.60
1992		6	171	177	2,359	0.30
1993		67	308	375	2,611	0.61
1994		12	262	274	2,504	0.42
1995		14	294	308	2,459	0.46
<b><u>TRAIN INCIDENTS (EXCLUDING HIGHWAY-RAIL IMPACTS)</u></b>						
1990		547	3,673	4,220	4,063	6.93
1991		539	3,383	3,922	3,805	6.80
1992		548	2,799	3,347	3,225	5.64
1993		545	2,321	2,866	2,721	4.67
1994		571	2,143	2,714	2,621	4.14
1995		508	1,954	2,462	2,267	3.68
<b><u>NONTRAIN INCIDENTS (EXCLUDING HIGHWAY-RAIL IMPACTS)</u></b>						
1990		42	18,612	18,654	18,520	30.64
1991		28	17,665	17,693	17,449	30.67
1992		37	16,438	16,475	16,368	27.75
1993		41	14,655	14,696	14,519	23.94
1994		28	12,445	12,473	12,368	19.04
1995		45	10,298	10,343	10,236	15.44
<b><u>HIGHWAY-RAIL ACCIDENTS/INCIDENTS (EXCLUDED FROM ABOVE)</u></b>						
1990		698	2,407	3,105	2,245	5.10
1991		608	2,094	2,702	1,999	4.68
1992		579	1,975	2,554	1,897	4.30
1993		626	1,837	2,463	1,879	4.01
1994		615	1,962	2,577	1,962	3.93
1995		579	1,894	2,473	1,817	3.69
<b><u>TOTAL ACCIDENTS/INCIDENTS</u></b>						
1990		1,297	25,143	26,440	27,707	43.43
1991		1,194	23,468	24,662	25,911	42.75
1992		1,170	21,383	22,553	23,849	37.99
1993		1,279	19,121	20,400	21,730	33.23
1994		1,226	16,812	18,038	19,455	27.53
1995		1,146	14,440	15,586	16,779	23.27

The count of highway-rail crossing impacts shown in this table is limited to those that met the train accident threshold or resulted in a death or injury.

**TABLE 8. TOTAL ACCIDENTS/INCIDENTS**

YEAR	TRAIN		NONTRAIN INCIDENTS	HIGHWAY- RAIL CROSSING IMPACTS		TOTAL
	ACCIDENTS	INCIDENTS				
1990	2, 879	4, 063	18, 520	2, 245	27, 707	
1991	2, 658	3, 805	17, 449	1, 999	25, 911	
1992	2, 359	3, 225	16, 368	1, 897	23, 849	
1993	2, 611	2, 721	14, 519	1, 879	21, 730	
1994	2, 504	2, 621	12, 368	1, 962	19, 455	
1995	2, 459	2, 267	10, 236	1, 817	16, 779	

**TABLE 9. CASUALTIES BY TYPE OF PERSON**

YEAR	EMPLOYEES ON DUTY		EMPLOYEES NOT ON DUTY		PASSENGERS ON TRAIN		NON TRESPASSERS		TRESPASSERS		CONTRACTOR EMPLOYEES <sup>1</sup>	
	KLD	INJ	KLD	INJ	KLD	INJ	KLD	INJ	KLD	INJ	KLD	INJ
1990	40	20, 970	0	326	3	473	551	2, 339	700	793	3	242
1991	35	19, 626	1	362	8	382	484	2, 110	66	769	3	219
1992	34	17, 755	1	310	3	411	475	1, 909	646	772	11	226
1993	47	15, 363	4	348	58	559	489	1, 856	675	733	6	260
1994	31	13, 080	0	306	5	497	505	1, 913	682	764	3	252
1995	34	10, 777	2	252	0	573	443	1, 869	660	700	7	268

<sup>1</sup> "Contractor employee" casualties appear separately in this table. In other tables they are included with "Nontrespassers". "Inj" columns include occupational illnesses.

**OVERVIEW**

**OF**

**CURRENT**

**YEAR**

**( D A T A )**

**TABLE 10. SUMMARY OF ACCIDENTS BY TYPE OF TRACK AND SPEED RANGE, 1995**

CONSIST SPEED	TOTAL ACCIDENTS	TOTAL DAMAGE	EQUIPMENT DAMAGE	TRACK DAMAGE	COLLISIONS	DERAILMENTS	OTHER ACCIDENTS	TRACK CAUSED	EQUIPMENT FAILURE	HUMAN FACTORS	OTHER CAUSES
<b>ACCIDENTS ON MAIN LINE TRACK</b>											
UNKNOWN	12	450,259	364,330	85,929	0	5	7	0	2	5	5
1-10	345	13,736,621	8,407,688	5,328,933	17	273	55	149	33	114	49
11-20	190	19,175,094	12,722,599	6,452,495	20	133	37	45	31	54	60
21-30	157	27,335,341	18,591,875	8,743,466	13	112	32	53	38	24	42
31-40	142	28,755,206	21,634,726	7,120,480	9	80	53	29	38	16	59
41-50	133	44,763,911	32,897,904	11,866,007	10	68	55	26	39	6	62
51-60	56	13,251,399	9,692,248	3,559,151	4	24	28	10	14	8	24
61-70	16	3,483,357	2,695,176	788,181	1	6	9	3	2	1	10
71-80	8	1,291,841	1,212,341	79,500	0	0	8	0	3	0	5
81-90	2	314,560	313,560	1,000	0	0	2	1	0	0	1
>=91	6	329,205	325,855	3,350	1	0	5	1	1	0	4
<b>TOTAL</b>	<b>1,067</b>	<b>152,886,794</b>	<b>108,858,302</b>	<b>44,028,492</b>	<b>75</b>	<b>701</b>	<b>291</b>	<b>317</b>	<b>201</b>	<b>228</b>	<b>321</b>
<b>ACCIDENTS ON YARD TRACK</b>											
UNKNOWN	31	1,533,939	1,502,334	31,605	0	14	17	5	4	12	10
1-10	1,192	31,314,051	22,763,658	8,550,393	137	775	280	403	56	598	135
11-20	48	3,088,440	2,221,259	867,181	3	26	19	21	1	16	10
21-30	9	455,260	430,910	24,350	3	4	2	0	2	4	3
31-40	2	25,479	15,829	9,650	0	1	1	0	0	1	1
41-50	1	36,000	35,000	1,000	0	1	0	0	0	1	0
<b>TOTAL</b>	<b>1,283</b>	<b>36,453,169</b>	<b>26,968,990</b>	<b>9,484,179</b>	<b>143</b>	<b>821</b>	<b>319</b>	<b>429</b>	<b>63</b>	<b>632</b>	<b>159</b>
<b>ACCIDENTS ON INDUSTRY, SIDING OR UNKNOWN TRACK TYPE</b>											
UNKNOWN	8	406,834	352,187	54,647	1	3	4	0	1	2	5
1-10	235	6,276,852	4,648,011	1,628,841	15	196	24	127	9	77	22
11-20	17	2,171,690	1,736,518	435,172	1	14	2	7	2	4	4
21-30	7	699,678	311,575	388,103	0	7	0	3	3	0	1
31-40	1	270,000	250,000	20,000	0	0	1	0	0	1	0
41-50	1	182,400	179,400	3,000	0	0	1	0	0	0	1
<b>TOTAL</b>	<b>269</b>	<b>10,007,454</b>	<b>7,477,691</b>	<b>2,529,763</b>	<b>17</b>	<b>220</b>	<b>32</b>	<b>137</b>	<b>15</b>	<b>84</b>	<b>33</b>
<b>FINAL</b>	<b>2,619</b>	<b>199,347,417</b>	<b>143,304,983</b>	<b>56,042,434</b>	<b>235</b>	<b>1,742</b>	<b>642</b>	<b>883</b>	<b>279</b>	<b>944</b>	<b>513</b>

**TABLE 11. SUMMARY OF ACCIDENTS BY CLASS OF TRACK, 1995**

TRACK CLASS	TOTAL ACCIDENTS	TOTAL DAMAGE	EQUIPMENT DAMAGE	TRACK DAMAGE	COLLISIONS	DERAILMENTS	OTHER ACCIDENTS	TRACK CAUSED	EQUIPMENT FAILURE	HUMAN FACTORS	OTHER CAUSES
?	4	73,710	52,288	21,422	2	2	0	1	0	2	1
X	123	3,803,036	2,795,842	1,007,194	14	89	20	58	3	45	17
1	1,380	41,781,102	30,483,729	11,297,373	126	954	300	489	75	649	167
2	407	27,316,110	18,870,689	8,445,421	41	287	79	177	47	105	78
3	291	38,719,905	28,508,805	10,211,100	16	188	87	85	57	56	93
4	333	69,433,764	49,343,453	20,090,311	27	184	122	61	79	69	124
5	70	17,561,608	12,719,924	4,841,684	8	38	24	10	15	18	27
6	11	658,182	530,253	127,929	1	0	10	2	3	0	6
<b>TOTAL</b>	<b>2,619</b>	<b>199,347,417</b>	<b>143,304,983</b>	<b>56,042,434</b>	<b>235</b>	<b>1,742</b>	<b>642</b>	<b>883</b>	<b>279</b>	<b>944</b>	<b>513</b>

**TABLE 12. SUMMARY OF REPORTABLE DAMAGE, 1995**

Type of Accident	... Track Caused ...		... Equipment Caused ...		... Human Factors ...		... Other Causes ...		... Total Damage ...	
	Trk Dmg	Eqp Dmg	Trk Dmg	Eqp Dmg	Trk Dmg	Eqp Dmg	Trk Dmg	Eqp Dmg	Trk Dmg	Eqp Dmg
Derailment	21,250,174	40,111,002	15,855,007	19,766,964	5,287,333	11,775,537	7,157,882	17,916,265	49,550,396	89,569,768
Head on collision	---	---	---	7,080	194,824	7,146,351	---	415,000	194,824	7,568,431
Rear end collision	---	---	---	---	170,050	5,120,077	92,125	2,648,750	262,175	7,768,827
Side collision	44,700	321,565	10,500	223,326	1,391,191	8,920,882	54,706	336,930	1,501,097	9,802,703
Raking collision	1,000	13,304	---	8,000	43,944	457,364	505,537	4,831,978	550,481	5,310,646
Broken trn collision	---	---	17,000	167,066	6,227	316,702	---	---	23,227	483,768
Hwy-rail crossing	---	---	---	---	---	---	1,584,470	8,539,128	1,584,470	8,539,128
RR grade crossing	---	---	---	---	77,700	57,580	---	---	77,700	57,580
Obstruction	14,100	20,000	750	20,150	135,349	1,363,710	227,327	2,198,466	377,526	3,602,326
Explosi on- detonati n	---	---	---	---	---	---	---	---	---	---
Fire/violent ruptur e	---	---	---	643,220	---	7,130	51,799	41,469,752	51,799	2,120,102
Other	731,667	1,544,039	71,746	392,771	610,475	4,769,448	454,851	1,775,446	1,868,739	8,481,704
<b>TOTAL</b>	<b>22,041,641</b>	<b>42,009,910</b>	<b>15,955,003</b>	<b>21,228,577</b>	<b>7,917,093</b>	<b>39,934,781</b>	<b>10,128,697</b>	<b>40,131,715</b>	<b>56,042,434</b>	<b>143,304,983</b>

**TABLE 13. CASUALTIES BY TYPE OF PERSON, 1995**

	Employees On Duty	Employees Not On Duty	Passengers On Trains	Non- trespassers	Trespassers	Contractor Employees	Total
<b>TRAIN ACCIDENTS</b>							
Fatalities.....	10	1	---	---	3	---	14
Injuries.....	188	9	89	6	---	1	293
Occupational illnesses...	1	---	---	---	---	---	1
<b>Total casualties.....</b>	<b>199</b>	<b>10</b>	<b>89</b>	<b>6</b>	<b>3</b>	<b>1</b>	<b>308</b>
<b>TRAIN INCIDENTS</b>							
Fatalities.....	17	---	---	24	465	2	508
Injuries.....	1,268	8	191	35	395	14	1,911
Occupational illnesses...	43	---	---	---	---	---	43
<b>Total casualties.....</b>	<b>1,328</b>	<b>8</b>	<b>191</b>	<b>59</b>	<b>860</b>	<b>16</b>	<b>2,462</b>
<b>NONTRAIN INCIDENTS</b>							
Fatalities.....	5	1	---	8	26	5	45
Injuries.....	8,950	229	263	331	66	252	10,091
Occupational illnesses...	204	2	---	---	---	1	207
<b>Total casualties.....</b>	<b>9,159</b>	<b>232</b>	<b>263</b>	<b>339</b>	<b>92</b>	<b>258</b>	<b>10,343</b>
<b>HIGHWAY-RAIL CROSSING ACCIDENTS/INCIDENTS</b>							
Fatalities.....	2	---	---	411	166	---	579
Injuries.....	117	4	30	1,497	239	1	1,888
Occupational illnesses...	6	---	---	---	---	---	6
<b>Total casualties.....</b>	<b>125</b>	<b>4</b>	<b>30</b>	<b>1,908</b>	<b>405</b>	<b>1</b>	<b>2,473</b>
<b>GRAND TOTAL</b>							
Fatalities.....	34	2	---	443	660	7	1,146
Injuries.....	10,523	250	573	1,869	700	268	14,183
Occupational illnesses...	254	2	---	---	---	1	257
<b>Total casualties.....</b>	<b>10,811</b>	<b>254</b>	<b>573</b>	<b>2,312</b>	<b>1,360</b>	<b>276</b>	<b>15,586</b>

Contractor employees are included with nontrespassers in all other tables in this publication.

Highway-rail crossing accidents/incidents may be classified as train accidents, train incidents, or nontrain incidents. In this table these casualties are shown separately.



**TABLE 14. FATALITIES IN ACCIDENTS/INCIDENTS, BY TYPE PERSON AND OCCURRENCE, 1995**

Type of Accident/Incident	Total Killed	..Employees On Duty..		Emp Not On Duty	Passengers	Nontrespassers	Trespassers	Contract Workers	
		Trainmen	Other						
<b>TRAIN ACCIDENTS</b>									
Collisions.....	7	7	0	7	0	0	0	0	0
Derailments.....	2	0	1	1	1	0	0	0	0
Highway-rail Crossing.....	36	1	1	2	0	0	27	7	0
Miscellaneous.....	5	2	0	2	0	0	0	3	0
<b>Total.....</b>	<b>50</b>	<b>10</b>	<b>2</b>	<b>12</b>	<b>1</b>	<b>0</b>	<b>27</b>	<b>10</b>	<b>0</b>
<b>TRAIN INCIDENTS</b>									
Coupling and uncoupling locomotives or cars.	2	2	0	2	0	0	0	0	0
Coupling/uncoupling air/steam hose, chains..	0	0	0	0	0	0	0	0	0
Operating or on locomotives.....	3	3	0	3	0	0	0	0	0
Operating rail motorcars.....	0	0	0	0	0	0	0	0	0
Operating had brakes.....	0	0	0	0	0	0	0	0	0
Operating switches or derails.....	0	0	0	0	0	0	0	0	0
Contacting fixed objects while on locs/cars.	1	1	0	1	0	0	0	0	0
Getting on or off cars or locomotives.....	3	0	0	0	0	0	0	3	0
Collisions, derailments, etc. (<=\$6,300.00).	10	0	0	0	0	0	0	10	0
Highway-rail crossing accidents/incidents...	542	0	0	0	0	0	383	159	0
Struck by/ran into loc/car(not hwy-rr x-ing)	472	5	1	6	0	0	23	441	2
Servicing or maintenance of equipment.....	0	0	0	0	0	0	0	0	0
Maintenance of way and structures.....	4	0	4	4	0	0	0	0	0
Freight, baggage, express or mail.....	0	0	0	0	0	0	0	0	0
Windows, doors, etc., on on-track equipment.	0	0	0	0	0	0	0	0	0
Passenger car doors.....	0	0	0	0	0	0	0	0	0
Stumbling, slipping, falling, caught, N. O. C.	1	0	0	0	0	0	0	1	0
Flying or falling objects, burns, etc., N. O. C.	0	0	0	0	0	0	0	0	0
Operation of on-track work equipment.....	1	0	1	1	0	0	0	0	0
Assault.....	0	0	0	0	0	0	0	0	0
Other occurrences.....	11	0	0	0	0	0	1	10	0
<b>Total.....</b>	<b>1,050</b>	<b>11</b>	<b>6</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>407</b>	<b>624</b>	<b>2</b>
<b>NONTRAIN INCIDENTS</b>									
Coupling and uncoupling locomotives or cars.	0	0	0	0	0	0	0	0	0
Coupling/uncoupling air/steam hose, chains..	0	0	0	0	0	0	0	0	0
Operating or on locomotives.....	0	0	0	0	0	0	0	0	0
Operating rail motorcars.....	0	0	0	0	0	0	0	0	0
Operating had brakes.....	0	0	0	0	0	0	0	0	0
Operating switches or derails.....	0	0	0	0	0	0	0	0	0
Contacting fixed objects while on locs/cars.	0	0	0	0	0	0	0	0	0
Getting on or off cars or locomotives.....	0	0	0	0	0	0	0	0	0
Highway-rail crossing accidents/incidents...	1	0	0	0	0	0	1	0	0
Struck by/ran into loc/car(not hwy-rr x-ing)	2	0	0	0	0	0	0	2	0
Servicing or maintenance of equipment.....	0	0	0	0	0	0	0	0	0
Maintenance of way and structures.....	3	0	2	2	0	0	0	0	1
Freight, baggage, express or mail.....	0	0	0	0	0	0	0	0	0
Windows, doors, etc., on on-track equipment.	0	0	0	0	0	0	0	0	0
Passenger car doors.....	0	0	0	0	0	0	0	0	0
Stumbling, slipping, falling, caught, N. O. C.	4	0	0	0	0	0	0	3	1
Flying or falling objects, burns, etc., N. O. C.	5	0	0	0	0	0	1	3	1
Operation of on-track work equipment.....	1	0	1	1	0	0	0	0	0
Assault.....	1	0	0	0	0	0	0	1	0
Other occurrences.....	29	0	2	2	1	0	7	17	2
<b>Total.....</b>	<b>46</b>	<b>0</b>	<b>5</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>9</b>	<b>26</b>	<b>5</b>
<b>Grand Total.....</b>	<b>1,146</b>	<b>21</b>	<b>13</b>	<b>34</b>	<b>2</b>	<b>0</b>	<b>443</b>	<b>660</b>	<b>7</b>

**TABLE 15. INJURIES IN ACCIDENTS/INCIDENTS, BY TYPE PERSON AND OCCURRENCE, 1995**

Type of Accident/Incident	Total Injured	.. Employees On Duty.. Trainmen	Other	Emp Not On Duty Total	Passen- gers	Nontres- passers	Tres- passers	Contract Workers	
<b>TRAIN ACCIDENTS</b>									
Collisions.....	151	80	15	95	0	54	1	0	1
Derailments.....	90	44	8	52	9	25	4	0	0
Highway-rail Crossing.....	170	53	6	59	3	30	73	5	0
Miscellaneous.....	53	27	15	42	0	10	1	0	0
Total.....	464	204	44	248	12	119	79	5	1
<b>TRAIN INCIDENTS</b>									
Coupling and uncoupling locomotives or cars.....	105	101	4	105	0	0	0	0	0
Coupling/uncoupling air/steam hose, chains..	12	10	2	12	0	0	0	0	0
Operating or on locomotives.....	319	305	14	319	0	0	0	0	0
Operating rail motorcars.....	16	13	3	16	0	0	0	0	0
Operating had brakes.....	28	26	2	28	0	0	0	0	0
Operating switches or derails.....	8	6	2	8	0	0	0	0	0
Contacting fixed objects while on locs/cars.....	36	33	1	34	0	1	0	1	0
Getting on or off cars or locomotives.....	282	209	19	228	2	24	4	24	0
Collisions, derailments, etc. (<=\$6,300.00).....	210	59	19	78	0	108	1	22	1
Highway-rail crossing accidents/incidents... 1,674	59	4	63	1	0	1,380	229	1	1
Struck by/ran into loc/car(not hwy-rr x-ing)	377	42	5	47	0	0	22	306	2
Servicing or maintenance of equipment.....	38	4	34	38	0	0	0	0	0
Maintenance of way and structures.....	40	1	36	37	0	0	0	0	3
Freight, baggage, express or mail.....	14	3	10	13	0	1	0	0	0
Windows, doors, etc., on on-track equipment.....	59	41	10	51	0	8	0	0	0
Passenger car doors.....	9	3	1	4	1	4	0	0	0
Stumbling, slipping, falling, caught, N.O.C.	130	54	32	86	3	23	2	15	1
Flying or falling objects, burns, etc., N.O.C.	81	54	15	69	2	5	2	1	2
Operation of on-track work equipment.....	37	0	36	36	0	0	0	1	0
Assault.....	33	29	3	32	0	1	0	0	0
Other occurrences.....	120	45	25	70	0	16	4	25	5
Total.....	3,628	1,097	277	1,374	9	191	1,415	624	15
<b>NONTRAIN INCIDENTS</b>									
Coupling and uncoupling locomotives or cars.....	267	243	21	264	3	0	0	0	0
Coupling/uncoupling air/steam hose, chains..	146	128	17	145	1	0	0	0	0
Operating or on locomotives.....	297	269	25	294	2	0	0	0	1
Operating rail motorcars.....	23	9	14	23	0	0	0	0	0
Operating had brakes.....	219	195	24	219	0	0	0	0	0
Operating switches or derails.....	444	395	49	444	0	0	0	0	0
Contacting fixed objects while on locs/cars.....	20	9	3	12	0	8	0	0	0
Getting on or off cars or locomotives.....	701	434	123	557	5	129	4	3	3
Highway-rail crossing accidents/incidents... 50	0	1	1	0	0	44	5	0	0
Struck by/ran into loc/car(not hwy-rr x-ing)	12	4	1	5	0	0	1	6	0
Servicing or maintenance of equipment.....	1,972	55	1,878	1,933	13	0	0	0	26
Maintenance of way and structures.....	2,571	27	2,457	2,484	22	0	1	0	64
Freight, baggage, express or mail.....	132	23	107	130	0	2	0	0	0
Windows, doors, etc., on on-track equipment.....	246	124	96	220	1	17	1	0	7
Passenger car doors.....	17	0	3	3	0	13	1	0	0
Stumbling, slipping, falling, caught, N.O.C.	1,506	548	530	1,078	63	60	236	20	49
Flying or falling objects, burns, etc., N.O.C.	216	74	94	168	11	6	5	3	23
Operation of on-track work equipment.....	38	2	33	35	0	0	0	0	3
Assault.....	127	36	66	102	6	7	11	1	0
Other occurrences.....	1,344	318	720	1,038	104	21	71	33	77
Total.....	10,348	2,893	6,262	9,155	231	263	375	71	253
Grand Total.....	14,440	4,194	6,583	10,777	252	573	1,869	700	269

**TABLE 16. TOTAL ACCIDENTS/INCIDENTS, 1995**

Type of Accident/Incident	.... Accidents/Incidents....		
	Total	Fatal	Nonfatal
<b>TRAIN ACCIDENTS *</b>			
Collisions.....	235	5	47
Derailments.....	1,742	2	34
Highway-rail crossing accidents/incidents.....	160	28	59
Miscellaneous.....	482	4	25
TOTAL	2,619	39	165
<b>TRAIN INCIDENTS</b>			
Coupling and uncoupling locomotives or cars.....	105	2	103
Coupling/uncoupling air/steam hose, safety chains...	12	0	12
Operating or on locomotives.....	313	3	310
Operating rail motorcars.....	16	0	16
Operating hand brakes.....	28	0	28
Operating switches or derails.....	8	0	8
Contacting fixed objects while on locos or cars...	37	1	36
Getting on or off cars or locomotives.....	280	3	277
Collisions, derailments, etc. (below \$ threshold)..	90	9	81
Highway-rail crossing accidents/incidents.....	1,619	427	1,192
Struck by/ran into loco/car(not at hwy-rr x-ing)...	811	465	346
Servicing or maintenance of equipment.....	38	0	38
Maintenance of way and structures.....	41	3	38
Freight, baggage, express or mail.....	14	0	14
Windows, doors, etc., on on-track equipment.....	59	0	59
Passenger car doors.....	9	0	9
Stumbling, slipping, falling, caught, N.O.C.....	130	1	129
Flying or falling objects, burns, etc., N.O.C.....	79	0	79
Operation of on-track work equipment.....	37	1	36
Assault.....	31	0	31
Other occurrences.....	129	11	118
TOTAL	3,886	926	2,960
<b>NONTRAIN INCIDENTS</b>			
Coupling and uncoupling locomotives or cars.....	267	0	267
Coupling/uncoupling air/steam hose, safety chains...	146	0	146
Operating or on locomotives.....	296	0	296
Operating rail motorcars.....	23	0	23
Operating hand brakes.....	219	0	219
Operating switches or derails.....	443	0	443
Contacting fixed objects while on locos or cars...	13	0	13
Getting on or off cars or locomotives.....	699	0	699
Highway-rail crossing accidents/incidents.....	38	1	37
Struck by/ran into loco/car(not at hwy-rr x-ing)...	14	2	12
Servicing or maintenance of equipment.....	1,962	0	1,962
Maintenance of way and structures.....	2,563	3	2,560
Freight, baggage, express or mail.....	132	0	132
Windows, doors, etc., on on-track equipment.....	246	0	246
Passenger car doors.....	17	0	17
Stumbling, slipping, falling, caught, N.O.C.....	1,508	4	1,504
Flying or falling objects, burns, etc., N.O.C.....	215	5	210
Operation of on-track work equipment.....	39	1	38
Assault.....	125	1	124
Other occurrences.....	1,309	29	1,280
TOTAL	10,274	46	10,228
GRAND TOTAL	16,779	1,011	13,353

**NOTE: Train accidents do not require a casualty to be reportable. See definition in Appendix A.**

**The total number of highway-rail accidents in the TRAIN ACCIDENT category only include those that exceed to monetary threshold for reporting. Those in the TRAIN INCIDENT and NONTRAIN INCIDENT categories only include those accidents/incidents that resulted in reportable casualties. For more information concerning highway-rail crossing accidents/incidents, refer to the 'HIGHWAY-RAIL CROSSING AND INVENTORY BULLETIN.'**

**TABLE 17. SUMMARY OF TRAIN ACCIDENTS AND MILEAGE BY MONTH, 1995**

Mnth	Accs	Accs	Total Damage	Damage	..... Train Miles. ....				Total
		Per MM		Per MM	Locomotive	Motor	Yard Switch		
January	214	3.81	20,659,150	368,255	46,439,060	2,046,060	7,615,048	56,100,168	
February	191	3.57	14,580,764	272,839	44,348,408	1,852,770	7,239,824	53,441,002	
March	231	3.94	15,220,499	259,575	48,601,088	2,124,266	7,910,844	58,636,198	
April	194	3.48	10,077,606	180,855	46,249,769	1,959,763	7,512,488	55,722,020	
May	213	3.76	23,844,785	420,650	46,907,747	2,075,655	7,702,173	56,685,575	
June	238	4.38	20,258,962	373,200	44,737,303	2,075,525	7,471,643	54,284,471	
July	247	4.57	16,642,406	308,190	44,831,638	2,042,922	7,125,956	54,000,516	
August	224	3.93	13,781,583	241,979	47,189,437	2,150,014	7,614,095	56,953,546	
September	218	3.94	12,870,720	232,688	45,994,960	1,976,226	7,341,936	55,313,122	
October	210	3.67	17,016,198	297,493	47,695,813	2,088,507	7,414,314	57,198,634	
November	235	4.24	13,438,723	242,600	45,622,393	1,995,974	7,776,191	55,394,558	
December	204	3.64	20,956,021	373,591	46,989,318	1,936,782	7,167,354	56,093,454	
Total..	2,619	3.91	199,347,417	297,612	555,606,934	24,324,464	89,891,866	669,823,264	

NOTE: MM = Million train miles  
Accs = Accidents

**TABLE 18. SUMMARY OF TRAIN ACCIDENTS BY TYPE OF ACCIDENT, 1995**

Type of Accident	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Derailment	145	114	155	123	133	161	177	151	154	135	160	134	1,742
Head on collision	4	2	1	---	2	2	3	3	---	1	1	---	19
Rear end collision	1	1	5	1	2	1	---	3	2	4	3	1	24
Side collision	9	5	4	9	19	17	12	11	12	18	15	12	143
Raking collision	5	5	4	7	2	---	3	1	2	2	4	4	39
Broken train collision	---	4	---	2	1	---	---	---	---	---	1	1	9
Hwy-rail crossing	8	13	14	10	14	15	11	15	15	18	9	18	160
RR grade crossing	---	---	1	---	---	---	---	---	---	---	---	---	1
Obstruction	7	5	4	5	5	9	9	2	5	9	5	2	67
Explosion-detonation	---	---	---	---	---	---	---	---	---	---	---	---	---
Fire or violent rupture	4	---	3	1	1	2	1	---	1	---	3	3	19
Other	31	42	40	36	34	31	31	38	27	23	34	29	396
Total	214	191	231	194	213	238	247	224	218	210	235	204	2,619

**TABLE 19. SUMMARY OF TRAIN ACCIDENTS BY CAUSE AND TYPE, 1995**

Cause Of Accident	-----Total-----					Hy Rail Crossing
	Accidents	Damage	Collisions	Derailments	Other	
<b>TRACK, ROADBED AND STRUCTURES</b>						
Roadbed defects	21	1, 415, 844	---	21	---	---
Track geometry defects	351	25, 653, 380	---	333	18	---
Rail joint bar and anchoring	229	28, 051, 897	1	222	6	---
Frogs, switches and track appliances	225	7, 418, 884	5	192	28	---
Other way and structure	30	772, 119	1	7	22	---
Signal and communication failures	27	739, 427	---	10	17	---
Subtotal.....	883	64, 051, 551	7	785	91	---
<b>MECHANICAL AND ELECTRICAL FAILURES</b>						
<b>*LOCOMOTIVE FAILURE*</b>						
Brakes	4	316, 660	1	2	1	---
Body	---	---	---	---	---	---
Coupler and draft system	1	10, 086	1	---	---	---
Truck components	1	6, 400	---	1	---	---
Axles and journal bearings	---	---	---	---	---	---
Wheels	3	81, 006	---	3	---	---
Locomotives	13	2, 110, 623	---	5	8	---
General mechanical and electrical failures	4	62, 951	---	---	4	---
Subtotal (Locomotives)..	26	2, 587, 726	2	11	13	---
<b>*CAR FAILURE*</b>						
Brakes	36	3, 481, 918	3	30	3	---
Trailer or container on flat car	---	---	---	---	---	---
Body	17	762, 626	---	15	2	---
Coupler and draft system	26	1, 727, 388	2	19	5	---
Truck components	55	6, 678, 175	1	54	---	---
Axles and journal bearings	62	13, 198, 928	---	62	---	---
Wheels	49	8, 369, 815	---	47	2	---
Doors	5	193, 984	---	4	1	---
General mechanical and electrical failures	3	183, 020	---	---	3	---
Subtotal (cars).....	253	34, 595, 854	6	231	16	---
TOTAL EQUIPMENT FAILURES....	279	37, 183, 580	8	242	29	---
<b>TRAIN OPERATION - HUMAN FACTORS</b>						
Brakes, use of	128	3, 702, 485	28	43	57	---
Employee physical condition	3	47, 272	---	---	3	---
Flagging, fixed, hand and radio signals	49	12, 673, 655	25	11	13	---
General switching rules	308	8, 198, 512	66	118	124	---
Main track authority	42	2, 783, 015	16	12	14	---
Train handling/train make-up	146	8, 592, 570	7	131	8	---
Speed	60	5, 883, 457	21	27	12	---
Switches, use of	176	4, 134, 163	14	133	29	---
Cab signals	---	---	---	---	---	---
Miscellaneous	32	1, 836, 745	9	14	9	---
Subtotal.....	944	47, 851, 874	186	489	269	---
<b>MISCELLANEOUS FACTORS</b>						
Environmental conditions	27	2, 764, 341	2	15	10	---
Loading procedures	47	5, 762, 919	10	29	8	---
Highway-rail grade crossing accidents	159	10, 073, 598	---	---	---	159
Unusual operational situations	116	7, 516, 611	2	70	43	1
Other miscellaneous	164	24, 142, 943	20	112	32	---
Subtotal.....	513	50, 260, 412	34	226	93	160
GRAND TOTAL.....	2, 619	199, 347, 417	235	1, 742	482	160

**TABLE 20. NUMBER OF ACCIDENTS RESULTING FROM OPERATING PRACTICES BY CAUSE, 1995**

Cause Of Accident	-----Total-----		Collisions	Derailments	Other	Hwy Rail Crossing
	Accidents	Damage				
<b>BRAKES, USE OF</b>						
H008 Bottling the Air	4	372,695	2	---	2	---
H017 Failure to secure engine- rr empl	9	464,357	3	4	2	---
H018 Fail to secure car hnd brk -rr emp	33	713,156	3	7	23	---
H020 Fail to apply suff. hand brakes -rr em	47	1,373,129	12	16	19	---
H021 Fail to apply car hnd brks -rr emp	20	426,781	7	7	6	---
H022 Fail to secure equip - not rr emp	6	186,296	---	2	4	---
H025 Fail to ctrl car spd use hnd brk-r emp	2	39,100	---	2	---	---
H099 Use of brakes, other	7	126,971	1	5	1	---
SUBTOTAL.....	128	3,702,485	28	43	57	---
<b>EMPLOYEE PHYSICAL CONDITION</b>						
H104 Employee asleep	2	28,272	---	---	2	---
H199 Employee physical condition, other	1	19,000	---	---	1	---
SUBTOTAL.....	3	47,272	---	---	3	---
<b>FLAGGING, FIXED, HAND AND RADIO SIGNALS</b>						
H204 Fixed signal, failure to comply	4	3,327,369	3	---	1	---
H205 Flagging, improper or failure to flag	2	61,050	---	1	1	---
H207 Hand signal, failure to comply	2	48,804	---	---	2	---
H209 Hand signal, failure to give/receive	1	16,000	---	---	1	---
H210 Radio communication, failure to comply	12	287,728	4	3	5	---
H211 Radio communication, improper	3	91,256	2	1	---	---
H212 Radio comm., failure to give/receive	6	158,399	5	1	---	---
H215 Block signal, failure to comply	12	7,537,919	8	2	2	---
H216 Interlocking signal, failure to comply	4	1,086,330	2	2	---	---
H299 Other signal causes	3	58,800	1	1	1	---
SUBTOTAL.....	49	12,673,655	25	11	13	---
<b>GENERAL SWITCHING RULES</b>						
H301 Car(s) shoved out & left out of clear	10	185,126	2	2	6	---
H302 Cars left foul	34	627,004	10	3	21	---
H303 Derail, failure to apply or remove	20	398,859	---	19	1	---
H305 Instruction to trn/yd crew improper	11	767,733	2	4	5	---
H306 Shoving movement, absence of man	104	3,052,767	28	36	40	---
H307 Shoving movement, failure to control	35	1,085,324	12	8	15	---
H308 Skate, failure to remove or place	1	17,300	---	1	---	---
H309 Failure to stretch cars before shoving	5	387,170	---	3	2	---
H310 Failure to couple	19	334,618	8	5	6	---
H311 Moving cars-load ramp, etc, not in pos	3	33,360	1	1	1	---
H312 Passed couplers	30	372,214	---	24	6	---
H313 Retarder, improper manual operation	4	113,245	---	1	3	---
H314 Retarder yard skate improperly applied	1	19,800	---	---	1	---
H399 Other general switching rules	31	803,992	3	11	17	---
SUBTOTAL.....	308	8,198,512	66	118	124	---
<b>MAIN TRACK AUTHORITY</b>						
H401 Failure to stop train in clear	12	674,095	8	3	1	---
H402 Motor car/on-trk rules, fail to comply	16	619,457	4	3	9	---
H403 Movement without authority - rr emp	1	11,694	1	---	---	---
H404 Fail to comply with trn order, etc.	2	612,520	1	---	1	---
H405 Trn orders, trk warrants, radio error	1	454,897	1	---	---	---
H406 Trn orders, trk warrants, written err	1	40,000	---	1	---	---
H499 Other main track authority causes	9	370,352	1	5	3	---
SUBTOTAL.....	42	2,783,015	16	12	14	---

**TABLE 20. NUMBER OF ACCIDENTS RESULTING FROM OPERATING PRACTICES BY CAUSE, CONT., 1995**

Cause Of Accident	-----Total-----		Collisions	Derailments	Other	Hwy Rail Crossing
	Accidents	Damage				
<b>TRAIN HANDLING/TRAIN MAKE-UP</b>						
H501 Improper train make-up at init term	1	13,500	---	1	---	---
H502 Improper placement of cars in train	2	184,510	---	2	---	---
H503 Buff/slack action excess, trn handling	56	2,202,374	---	54	2	---
H504 Buff/slack action excess, trn make-up	10	530,623	---	9	1	---
H505 Lat DB force on curve xcess trn hndlng	16	728,757	---	16	---	---
H506 Lat DB force on curve excess, make-up	10	331,202	---	8	2	---
H507 Lat drawbar force-short/long car combo	2	68,850	---	2	---	---
H508 Improper train make-up	4	110,654	---	4	---	---
H509 Improper train inspection	2	16,358	---	2	---	---
H511 Automatic brake, excessive	3	77,700	---	3	---	---
H512 Auto brake, fail to use split reduction	1	7,063	---	1	---	---
H513 Automatic brake, other improper use	3	123,100	---	3	---	---
H514 Fail to allow air brks to release	3	41,000	---	3	---	---
H516 Fail to cut-in brake valves-loco	1	35,000	---	---	1	---
H522 Throttle (power), improper use	3	392,408	---	3	---	---
H523 Throttle (power), too rapid adjustment	1	272	---	1	---	---
H524 Excessive horsepower	1	50,510	---	1	---	---
H525 Independent brake, improper use	11	2,665,759	3	8	---	---
H599 Other train handling/makeup	16	1,012,930	4	10	2	---
SUBTOTAL.....	146	8,592,570	7	131	8	---
<b>SPEED</b>						
H601 Coupling speed excessive	16	509,579	3	11	2	---
H602 Switch movement, excessive speed	4	66,671	---	1	3	---
H603 Train inside yard limits, excess speed	8	1,488,350	3	3	2	---
H604 Train outside yd limits, excess speed	3	971,053	---	3	---	---
H605 Failure to comply with restricted speed	16	1,340,013	10	2	4	---
H699 Speed, other	13	1,507,791	5	7	1	---
SUBTOTAL.....	60	5,883,457	21	27	12	---
<b>SWITCHES, USE OF</b>						
H701 Spring Swtch not clear before reverse	2	26,948	---	2	---	---
H702 Switch improperly lined	113	2,594,311	14	75	24	---
H703 Switch not latched or locked	3	53,574	---	3	---	---
H704 Switch previously run through	41	1,065,512	---	41	---	---
H705 Moveable point trk frog improper lined	4	61,250	---	4	---	---
H799 Use of switches, other	13	332,568	---	8	5	---
SUBTOTAL.....	176	4,134,163	14	133	29	---
<b>MISCELLANEOUS</b>						
H992 Op. of loco by uncert/unqual person	1	12,100	1	---	---	---
H993 Human factors - track	3	374,269	---	3	---	---
H995 Human factors - motive power & equipment	2	345,300	---	2	---	---
H999 Other train operation/human factors	26	1,105,076	8	9	9	---
SUBTOTAL.....	32	1,836,745	9	14	9	---
GRAND TOTAL.....	944	47,851,874	186	489	269	---

**TABLE 21. NUMBER OF ACCIDENTS RESULTING FROM MECHICAL AND ELECTRICAL FAILURES BY CAUSE, 1995**

Cause Of Accident	-----Total-----		Collisions	Derailments	Other	Hwy Rail Crossing
	Accidents	Damage				
<b>BRAKES</b>						
E0HC Hnd brk link and/or connect defect	5	92, 862	1	3	1	---
E00C Air hose uncoupled or burst	5	171, 700	---	5	---	---
E00L Air hose uncoupled or burst (LOCO)	1	6, 805	---	1	---	---
E04C Oth brk component dmg, worn, broke, etc.	2	1, 704, 208	1	1	---	---
E05C Brk valve malf. (undesired emergency)	3	132, 787	---	3	---	---
E05L Brk valve malf. (undesire emerg)-Loco	1	118, 800	---	1	---	---
E06C Brake valve malf. (stuck brake, etc.)	2	78, 920	---	2	---	---
E07C Rigging down or dragging	6	876, 765	---	6	---	---
E08C Hand brk broken or defective	7	121, 256	1	5	1	---
E08L Hand brake broken or defective (LOCO)	1	18, 000	---	---	1	---
E09C Other brake defects, cars	6	303, 420	---	5	1	---
E09L Other brake defects, (LOCOMOTIVE)	1	173, 055	1	---	---	---
SUBTOTAL.....	40	3, 798, 578	4	32	4	---
<b>BODY</b>						
E20C Body bolster broken or defective	2	93, 150	---	2	---	---
E21C Center sill broken or bent	5	132, 907	---	5	---	---
E22C Draft sill broken or bent	1	9, 500	---	1	---	---
E24C Ctr plate disengaged from truck	2	290, 450	---	2	---	---
E27C Side sill broken	3	86, 160	---	2	1	---
E29C Other body defects, (CAR)	4	150, 459	---	3	1	---
SUBTOTAL.....	17	762, 626	---	15	2	---
<b>COUPLER AND DRAFT SYSTEM</b>						
E30C Knuckle broken or defective	2	164, 070	1	1	---	---
E30L Knuckle broken or defective (LOCO)	1	10, 086	1	---	---	---
E31C Coupler mismatch, high/low	4	75, 675	---	4	---	---
E32C Coupler drawhead broken or defective	2	212, 520	---	2	---	---
E33C Coupler retainer pin/cross key missing	5	225, 127	---	4	1	---
E34C Draft gear/mechanism broke/defective	6	762, 390	1	4	1	---
E35C Coupler carrier broken or defective	1	20, 700	---	1	---	---
E39C Oth coupler/draft system defects-car	6	266, 906	---	3	3	---
SUBTOTAL.....	27	1, 737, 474	3	19	5	---
<b>TRUCK COMPONENTS</b>						
E4TC Truck hunting	6	1, 070, 436	---	6	---	---
E40C Side bearing clearance insufficient	10	1, 406, 380	---	10	---	---
E41C Side bearing clearance excessive	4	83, 012	---	4	---	---
E43C Side bearing(s) missing	1	45, 000	---	1	---	---
E44C Truck bolster broken	2	910, 500	---	2	---	---
E45C Side frame broken	1	280, 400	---	1	---	---
E46C Truck bolster stiff	26	2, 372, 640	---	26	---	---
E46L Truck bolster stiff (LOCO)	1	6, 400	---	1	---	---
E47C Defective snubbing	2	286, 915	---	2	---	---
E49C Other truck component defects, (CAR)	3	222, 892	1	2	---	---
SUBTOTAL.....	56	6, 684, 575	1	55	---	---
<b>AXLES AND JOURNAL BEARINGS</b>						
E51C Broken/bent axle between wheel seats	5	664, 637	---	5	---	---
E52C Journal (plain) failure from overheat	9	674, 075	---	9	---	---
E53C Journal (roller bearing) overheating	44	11, 096, 491	---	44	---	---
E55C Journal-cold brk, previously overheate	1	365, 000	---	1	---	---
E59C Oth axle/journal bearing defect-car	3	398, 725	---	3	---	---
SUBTOTAL.....	62	13, 198, 928	---	62	---	---



**TABLE 21. NUMBER OF ACCIDENTS RESULTING FROM MECHICAL AND ELECTRICAL FAILURES BY CAUSE, CONT. , 1995**

Cause Of Accident	-----Total-----		Collisions	Derailments	Other	Hwy Rail Crossing
	Accidents	Damage				
<b>WHEELS</b>						
E60C Broken flange	1	20,500	---	1	---	---
E61C Broken rim	8	1,519,350	---	8	---	---
E62C Broken plate	9	5,312,791	---	9	---	---
E64C Worn Flange	14	639,330	---	14	---	---
E64L Worn flange (LOCOMOTIVE)	3	81,006	---	3	---	---
E65C Worn tread	1	13,000	---	---	1	---
E66C Damaged flange or tread (flat)	1	22,500	---	1	---	---
E67C Damaged flange or tread (build up)	7	157,636	---	7	---	---
E68C Loose wheel	2	544,500	---	2	---	---
E69C Other wheel defects (CAR)	6	140,208	---	5	1	---
SUBTOTAL.....	52	8,450,821	---	50	2	---
<b>LOCOMOTIVES</b>						
E70L Running gear failure (LOCOMOTIVE)	1	511,600	---	1	---	---
E71L Traction motor failure (LOCOMOTIVE)	3	926,475	---	3	---	---
E73L Oil or fuel fire (LOCOMOTIVE)	3	467,000	---	---	3	---
E74L Electrically caused fire (LOCOMOTIVE)	3	76,220	---	---	3	---
E77L Broke/def swng hanger/sprng plank-loco	1	20,392	---	---	1	---
E79L Other locomotive defects	2	108,936	---	1	1	---
SUBTOTAL.....	13	2,110,623	---	5	8	---
<b>DOORS</b>						
E86C Bottom outlet door attachment defect	4	112,984	---	3	1	---
E89C Other car door defects	1	81,000	---	1	---	---
SUBTOTAL.....	5	193,984	---	4	1	---
<b>GENERAL MECHANICAL AND ELECTRICAL FAILURES</b>						
E99C Other mechanical/electrical failures	3	183,020	---	---	3	---
E99L Other mechanical/electrical fail (LOCO)	4	62,951	---	---	4	---
SUBTOTAL.....	7	245,971	---	---	7	---
GRAND TOTAL.....	279	37,183,580	8	242	29	---

**TABLE 22. NUMBER OF ACCIDENTS RESULTING FROM TRACK, ROADBED AND STRUCTURES BY CAUSE, 1995**

Cause Of Accident	-----Total-----		Collisions	Derailments	Other	Hwy Rail Crossing
	Accidents	Damage				
<b>ROADBED DEFECTS</b>						
T001 Roadbed settled or soft	15	1, 149, 997	---	15	---	---
T002 Washout/rain/slide/etc. dmg -track	5	243, 847	---	5	---	---
T099 Other roadbed defects	1	22, 000	---	1	---	---
SUBTOTAL.....	21	1, 415, 844	---	21	---	---
<b>TRACK GEOMETRY DEFECTS</b>						
T101 Cross level of track irregular(joints)	41	4, 135, 408	---	39	2	---
T102 Cross level track irreg. (not at joints)	34	2, 547, 855	---	33	1	---
T103 Deviate frm uniform top of rail profil	2	45, 558	---	1	1	---
T104 Disturbed ballast section	1	9, 000	---	1	---	---
T106 Superelevation improper, excessive, etc	10	253, 577	---	10	---	---
T108 Trk alignmnt irreg-not buckled/sunkink	9	933, 997	---	9	---	---
T109 Track alignment irreg(buckled/sunkink)	36	6, 956, 580	---	36	---	---
T110 Wide gage(defective/missing crossties)	163	8, 505, 051	---	152	11	---
T111 Wide gage(spikes/other rail fasteners)	30	1, 225, 058	---	28	2	---
T112 Wide gage(loose, broke, etc, gage rods)	5	179, 982	---	5	---	---
T113 Wide gage (due to worn rails)	8	138, 710	---	8	---	---
T199 Other track geometry defects	12	722, 604	---	11	1	---
SUBTOTAL.....	351	25, 653, 380	---	333	18	---
<b>RAIL AND JOINT BAR DEFECTS</b>						
T201 Bolt hole crack or break	9	1, 922, 651	---	9	---	---
T202 Broken base of rail	39	3, 283, 460	---	38	1	---
T204 Broken weld (field)	7	1, 416, 539	---	7	---	---
T205 Defective or missing crossties	8	720, 145	---	8	---	---
T206 Defect/missing spike-oth rail fastener	8	186, 269	---	8	---	---
T207 Detail fracture - shelling/head check	14	1, 554, 079	1	12	1	---
T210 Head and web sep(outside jt bar limit)	26	2, 810, 049	---	26	---	---
T211 Head & web separation-in jt bar limit	4	75, 700	---	3	1	---
T212 Horizontal split head	6	412, 825	---	6	---	---
T213 Joint bar broken (compromise)	1	7, 800	---	1	---	---
T214 Joint bar broken (insulated)	1	682, 144	---	1	---	---
T215 Joint bar broken (noninsulated)	4	517, 500	---	4	---	---
T216 Joint bolts, broken, or missing	3	228, 030	---	3	---	---
T217 Mismatched rail-head contour	3	74, 680	---	2	1	---
T220 Transverse/compound fissure	44	7, 251, 921	---	42	2	---
T221 Vertical split head	27	1, 815, 491	---	27	---	---
T222 Worn rail	6	388, 846	---	6	---	---
T299 Other rail and joint bar defects	19	4, 703, 768	---	19	---	---
SUBTOTAL.....	229	28, 051, 897	1	222	6	---

**TABLE 22. NUMBER OF ACCIDENTS RESULTING FROM TRACK, ROADBED AND STRUCTURES BY CAUSE, CONT., 1995**

Cause Of Accident	-----Total-----		Collisions	Derailments	Other	Hwy Rail Crossing
	Accidents	Damage				
<b>FROGS, SWITCHES AND TRACK APPLIANCES</b>						
T301 Derail, defective	1	11,300	---	1	---	---
T302 Expansion joint failed/malfunctioned	2	40,497	---	1	1	---
T303 Guard rail loose/broken or mislocated	5	290,400	---	5	---	---
T304 Railroad crossing frog, worn or broken	1	2,500	---	1	---	---
T305 Retarder worn, broken, malfunctioning	18	305,988	4	4	10	---
T306 Retarder yard skate defective	2	13,465	---	---	2	---
T307 Spring/power swtch mech. malfunction	4	65,113	---	4	---	---
T308 Stock rail worn, broken, disconnected	5	647,486	---	5	---	---
T309 Switch (hand op) stand mechanism defec	6	181,447	---	6	---	---
T310 Switch connect/operate rod broke/defect	2	34,658	---	2	---	---
T311 Switch damaged or out of adjustment	49	1,417,890	---	45	4	---
T312 Switch lug/crank broken	2	39,565	---	2	---	---
T313 Switch out of adj. insuff. anchoring	3	256,089	---	3	---	---
T314 Switch point worn or broken	86	2,557,858	---	78	8	---
T315 Switch rod worn, bent, broken, etc.	2	47,550	---	2	---	---
T316 Turnout frog (rigid) worn, or broken	---	23,100	---	---	---	---
T317 Turnout frog(self guarded)-worn/broken	3	38,058	---	3	---	---
T318 Turnout frog (spring) worn, or broken	1	111,142	---	1	---	---
T319 Switch pt gap(btwn swt pt & stock rail	21	750,076	---	20	1	---
T399 Oth frog, switch, trk appliance defect	12	584,702	1	9	2	---
SUBTOTAL.....	225	7,418,884	5	192	28	---
<b>OTHER WAY AND STRUCTURES</b>						
T401 Bridge misalignment or failure	1	109,350	---	1	---	---
T402 Flangeway clogged	3	37,727	---	3	---	---
T499 Other way and structure defect	26	625,042	1	3	22	---
SUBTOTAL.....	30	772,119	1	7	22	---
<b>SIGNAL AND COMMUNICATION FAILURES</b>						
S006 Classyard autocontrol sys switch fail	3	27,800	---	1	2	---
S007 Class yd auto ctrl sys retarder fail	10	385,232	---	2	8	---
S009 Interlock sig displayed false proceed	1	18,500	---	---	1	---
S011 Power switch failure	4	175,115	---	4	---	---
S012 Radio communication equipment failure	2	39,400	---	---	2	---
S013 Other communication equipment failure	1	9,000	---	---	1	---
S099 Other signal failures	6	84,380	---	3	3	---
SUBTOTAL.....	27	739,427	---	10	17	---
GRAND TOTAL.....	883	64,051,551	7	785	91	---

**TABLE 23. NUMBER OF ACCIDENTS RESULTING FROM MISCELLANEOUS CAUSES BY CAUSE, 1995**

Cause Of Accident	-----Total-----		Collisions	Derailments	Other	Hwy Rail Crossing
	Accidents	Damage				
<b>ENVIRONMENTAL CONDITIONS</b>						
M101 Snow, ice, mud, gravel, coal, etc. on trk	7	262, 480	---	6	1	---
M102 Extreme environmental - TORNADO	3	943, 713	---	1	2	---
M103 Extreme environmental - FLOOD	1	14, 750	---	1	---	---
M105 Extreme wind velocity	9	1, 330, 613	1	6	2	---
M199 Other extreme environmental conditions	7	212, 785	1	1	5	---
SUBTOTAL .....	27	2, 764, 341	2	15	10	---
<b>LOADING PROCEDURES</b>						
M201 Load shifted	13	1, 141, 288	3	5	5	---
M202 Load fell from car	6	2, 078, 563	---	6	---	---
M203 Overloaded car	3	50, 342	---	3	---	---
M204 Improperly loaded car	10	903, 051	1	8	1	---
M205 Oversized load, misrouted	6	236, 294	2	2	2	---
M206 Trailer/container tiedown eqp improper	2	706, 353	1	1	---	---
M207 Improperly loaded contain/trail on car	3	442, 128	1	2	---	---
M299 Miscellaneous loading procedures	4	204, 900	2	2	---	---
SUBTOTAL .....	47	5, 762, 919	10	29	8	---
<b>HIGHWAY-RAIL GRADE CROSSING ACCIDENTS</b>						
M301 Hwy user impairment-drug/alcohol use	3	63, 450	---	---	---	3
M302 Highway user inattentiveness	74	2, 934, 982	---	---	---	74
M303 Hwy user misjudgement	19	1, 057, 417	---	---	---	19
M304 Highway user cited for violation	20	1, 812, 050	---	---	---	20
M306 Highway user unable to stop, weather	2	27, 370	---	---	---	2
M399 Other causes (highway-rail collisions)	41	4, 178, 329	---	---	---	41
SUBTOTAL .....	159	10, 073, 598	---	---	---	159
<b>UNUSUAL OPERATIONAL SITUATIONS</b>						
M401 Emergency brke appl. to avoid accident	3	74, 593	---	3	---	---
M402 Object/equipment (mtr veh) on track	7	123, 782	---	---	7	---
M403 Livestock on track	1	50, 000	---	---	---	1
M404 Obj/equip on/fouling track, other	19	2, 075, 042	1	4	14	---
M405 Harmonic rock off, etc.	50	4, 161, 342	---	49	1	---
M406 Fire, other than vandalism	8	391, 735	---	---	8	---
M407 Auto hump retarder failed to slow car	17	412, 729	---	6	11	---
M408 Yard skate slid and failed to stop car	6	116, 063	1	4	1	---
M409 Lading chains/straps fouling switches	3	73, 625	---	2	1	---
M410 Lading chains or straps fouling wheels	2	37, 700	---	2	---	---
SUBTOTAL .....	116	7, 516, 611	2	70	43	1
<b>OTHER MISCELLANEOUS</b>						
M501 Interference(not vandals)with RR op.	8	177, 806	1	5	2	---
M502 Vandalism of on-track equipment	14	643, 612	2	11	1	---
M503 Vandalism of track or track appliances	44	5, 489, 698	1	37	6	---
M504 Fail by non-rr emp to control spd of ca	3	349, 649	1	1	1	---
M505 Cause under investigation	39	12, 291, 330	9	21	9	---
M599 Other miscellaneous causes	56	5, 190, 848	6	37	13	---
SUBTOTAL .....	164	24, 142, 943	20	112	32	---
GRAND TOTAL .....	513	50, 260, 412	34	226	93	160

**TABLE 24. DAMAGE TO EQUIPMENT IN TRAIN ACCIDENTS BY CONSIST TYPE, 1995**

Type of consist	.... Collisions....		... Derailments....		..... Other.....		.. Hwy-Rail X-ing..		..... Total.....	
	Number	Damage	Number	Damage	Number	Damage	Number	Damage	Number	Damage
Freight train....	151	26,193,808	1,168	75,661,536	91	4,009,214	113	5,189,337	1,523	111,053,895
Passenger train..	12	935,217	29	3,939,462	51	2,992,192	23	2,256,863	115	10,123,734
Mixed train.....	---	---	1	24,300	1	100,000	---	---	2	124,300
Work train.....	2	52,101	12	248,462	1	24,625	2	25,152	17	350,340
Single car.....	24	429,462	17	172,499	73	1,009,496	4	912,920	118	2,524,377
Cut of cars.....	47	505,151	64	1,067,829	103	1,687,604	---	---	214	3,260,584
Yard/switching..	143	2,305,167	448	7,836,890	227	3,904,397	6	92,556	824	14,139,010
Light loco(s)....	28	571,049	39	618,790	28	476,604	6	62,300	101	1,728,743
Unknown.....	---	---	---	---	---	---	---	---	---	---
Total.....	407	30,991,955	1,778	89,569,768	575	14,204,132	154	8,539,128	2,914	143,304,983

NOTE: "Number" represents the number of consists sustaining damage

**TABLE 25. ACCIDENTS INVOLVING CONSISTS TRANSPORTING HAZARDOUS MATERIALS, BY TYPE ACCIDENT, 1995**

Type Of Accident	Consists Carrying	..... Cars.....				People Evacuated	Damage To Equipment
		In Consist	Containing Hazmat	Damaged WHazmat	Releasing Hazmat		
Derailment	391	25,753	3,644	692	38	2,499	28,710,285
Head on collision	6	368	33	3	1	3	1,167,946
Rear end collision	7	431	48	12	1	150	2,848,315
Side collision	55	2,474	320	36	2	15	5,080,114
Raking collision	15	1,195	160	11	3	150	328,423
Broken train collision	2	93	15	3	---	---	12,000
Hwy-rail crossing	26	1,395	207	13	2	35	1,397,492
RR grade crossing	1	113	22	---	---	---	5,000
Obstruction	3	248	44	9	---	---	16,051
Explosion-detonation	---	---	---	---	---	---	---
Fire or violent rupture	2	127	7	---	---	---	27,000
Other	88	2,566	453	105	3	---	1,962,381
Total	596	34,763	4,953	884	50	2,852	41,555,007

**TABLE 26. TRAIN ACCIDENTS INVOLVING CONSISTS TRANSPORTING HAZARDOUS MATERIALS, 1995**

YEAR	TOTAL NUMBER OF ACCIDENTS	ACCIDENTS IN WHICH A HAZMAT CAR WAS DAMAGED OR DERAILED	ACCIDENTS IN WHICH THERE WAS A RELEASE OF HAZARDOUS MATERIALS	ACCIDENTS WHICH RESULTED IN EVALUATION
1990	466	236	35	20
1991	525	293	47	28
1992	482	230	27	11
1993	559	262	29	15
1994	537	266	36	20
1995	561	295	27	21

**TABLE 27. ACCIDENTS INVOLVING CONSISTS TRANSPORTING HAZARDOUS MATERIALS, BY CAUSE, 1995**

Cause	Consists Carrying	Cars.....				People Evacuated	Damage To Equipment
		In Consist	Containing Hazmat	Damaged W/Hazmat	Releasing Hazmat		
<b>TRACK, ROADBED AND STRUCTURES</b>							
Roadbed defects	3	269	73	10	1	---	197, 200
Track geometry defects	74	4, 079	704	141	4	612	4, 152, 167
Rail joint bar and anchoring	51	3, 394	598	106	10	200	4, 167, 403
Frogs, switches and track appliances	59	4, 024	397	69	3	200	1, 130, 426
Other way and structure	---	---	---	---	---	---	---
Signal and communication failures	5	116	22	19	---	---	128, 304
Subtotal.....	192	11, 882	1, 794	345	18	1, 012	9, 775, 500
<b>MECHANICAL AND ELECTRICAL FAILURES</b>							
Brakes	9	871	70	7	---	---	2, 465, 965
Trailer or container on flat car	---	---	---	---	---	---	---
Body	3	121	30	6	1	---	255, 500
Coupler and draft system	4	299	38	6	---	75	425, 220
Truck components	16	1, 185	179	41	13	1, 117	1, 815, 782
Axles and journal bearings	22	1, 719	321	59	---	150	3, 373, 136
Wheels	12	1, 011	186	62	---	---	1, 251, 496
Locomotives	3	247	11	5	1	30	761, 675
Doors	2	207	13	2	---	---	55, 000
General mechanical and electrical failures	---	---	---	---	---	---	---
Subtotal.....	71	5, 660	848	188	15	1, 372	10, 403, 774
<b>TRAIN OPERATION - HUMAN FACTORS</b>							
Brakes, use of	50	1, 373	250	51	1	15	877, 707
Employee physical condition	---	---	---	---	---	---	---
Flagging, fixed, hand and radio signals	18	883	147	17	1	---	2, 192, 777
General switching rules	75	3, 120	412	59	1	---	1, 532, 621
Main track authority	6	584	48	7	1	2	637, 601
Train handling/train make-up	36	2, 906	366	29	1	---	3, 419, 843
Speed	13	620	68	9	1	151	1, 745, 349
Switches, use of	33	1, 682	252	44	1	---	694, 426
Cab signals	---	---	---	---	---	---	---
Miscellaneous	5	292	23	5	1	---	179, 440
Subtotal.....	236	11, 460	1, 566	221	8	168	11, 279, 764
<b>MISCELLANEOUS FACTORS</b>							
Environmental conditions	5	308	78	30	---	---	1, 271, 038
Loading procedures	9	744	98	19	1	15	1, 781, 500
Highway-rail grade crossing accidents	26	1, 395	207	13	2	35	1, 397, 492
Unusual operational situations	24	1, 547	147	27	---	---	1, 166, 812
Other miscellaneous	33	1, 767	215	41	6	250	4, 479, 127
Subtotal.....	97	5, 761	745	130	9	300	10, 095, 969
<b>GRAND TOTAL.....</b>	<b>596</b>	<b>34, 763</b>	<b>4, 953</b>	<b>884</b>	<b>50</b>	<b>2, 852</b>	<b>41, 555, 007</b>

**TABLE 28. ACCIDENTS INVOLVING CONSISTS TRANSPORTING HAZARDOUS MATERIALS, BY STATE, 1995**

State	Consists Carrying	Cars.....			Releasing Hazmat	People Evacuated	Damage To Equipment
		In Consist	Containing Hazmat	Damaged WHazmat			
Alabama.....	6	504	56	6	1	150	545, 145
Alaska.....	1	61	26	1	---	---	6, 000
Arizona.....	16	872	377	49	5	---	928, 043
Arkansas.....	13	601	130	25	---	100	595, 400
California.....	30	1, 324	258	67	1	200	1, 228, 759
Colorado.....	9	374	50	13	---	---	190, 986
Connecticut.....	---	---	---	---	---	---	---
Delaware.....	---	---	---	---	---	---	---
Dist of Columbia.....	---	---	---	---	---	---	---
Florida.....	3	186	36	4	2	100	601, 922
Georgia.....	10	337	35	5	---	---	126, 965
Idaho.....	8	472	46	8	---	---	98, 975
Illinois.....	72	4, 791	439	40	5	150	2, 105, 384
Indiana.....	11	758	70	10	---	12	609, 103
Iowa.....	21	1, 281	126	22	---	150	873, 741
Kansas.....	15	851	153	5	---	---	349, 070
Kentucky.....	3	168	54	9	---	---	48, 096
Louisiana.....	23	1, 381	280	27	1	75	1, 079, 405
Maine.....	1	53	4	---	---	---	56, 651
Maryland.....	1	42	4	2	---	---	200, 000
Massachusetts.....	2	121	3	3	---	---	53, 300
Michigan.....	9	293	13	6	1	---	783, 850
Minnesota.....	16	1, 206	200	53	---	400	653, 068
Mississippi.....	14	684	87	16	---	17	933, 554
Missouri.....	21	1, 491	175	24	4	35	1, 156, 722
Montana.....	14	809	64	8	1	15	527, 700
Nebraska.....	25	1, 363	327	36	1	---	849, 007
Nevada.....	---	---	---	---	---	---	---
New Hampshire.....	2	162	25	2	---	---	597, 354
New Jersey.....	3	183	5	5	---	---	42, 500
New Mexico.....	10	606	75	5	1	---	3, 024, 385
New York.....	7	561	58	18	2	180	1, 567, 862
North Carolina.....	4	201	24	5	---	---	141, 050
North Dakota.....	6	534	40	7	1	17	3, 413, 778
Ohio.....	15	767	162	71	14	850	1, 235, 296
Oklahoma.....	20	1, 222	143	33	3	---	2, 025, 027
Oregon.....	5	276	32	14	---	---	393, 390
Pennsylvania.....	12	795	36	31	2	200	2, 403, 465
Rhode Island.....	---	---	---	---	---	---	---
South Carolina.....	3	118	12	7	---	---	77, 800
South Dakota.....	---	---	---	---	---	---	---
Tennessee.....	13	936	148	18	---	---	1, 487, 092
Texas.....	76	4, 289	753	107	5	---	3, 364, 272
Utah.....	6	323	44	3	---	---	494, 782
Vermont.....	2	87	4	---	---	---	4, 634
Virginia.....	3	168	7	2	---	---	121, 050
Washington.....	26	1, 296	111	14	---	200	1, 012, 490
West Virginia.....	7	349	29	14	---	---	194, 383
Wisconsin.....	24	1, 316	196	78	---	1	2, 278, 742
Wyoming.....	8	551	36	11	---	---	3, 074, 809
Unknown.....	---	---	---	---	---	---	---
TOTAL.....	596	34, 763	4, 953	884	50	2, 852	41, 555, 007

**TABLE 29: TRAIN ACCIDENTS INVOLVING HAZARDOUS MATERIALS BY RAILROAD, 1995**

Railroad	TOTAL HAZMAT CONSISTS	<<<.....C A R S.....>>>				People Evacuated	Damage to Equipment
		In Consists	Containing Hazmat	Damaged w/Hazmat	Releasing Hazmat		
<b>CLASS I RAILROADS</b>							
Amtrak (Nat'l Railroad Passenger Corp.)	0	0	0	0	0	0	0
Atchison, Topeka & Santa Fe Railway	71	3,982	702	78	4	200	6,184,888
Burlington Northern Railroad Co.	86	5,023	509	88	4	400	6,694,286
Chicago and North Western Railway Co.	10	591	35	4	0	0	279,357
Consolidated Rail Corp.	29	2,224	247	92	7	730	3,808,166
CSX Transportation	31	1,670	188	56	5	250	2,537,647
Denver & Rio Grande Western Railroad	1	88	9	5	0	0	111,241
Grand Trunk Western Railroad Inc.	4	176	5	5	1	12	783,700
Illinois Central Railroad Co.	21	1,386	180	25	0	92	1,432,625
Kansas City Southern Railway Co.	9	472	41	4	0	0	662,218
Norfolk Southern Corp.	18	891	136	24	13	500	965,295
Soo Line Railroad Co.	31	2,225	234	74	1	2	2,014,202
Southern Pacific Transportation Co.	45	2,584	312	93	1	0	2,236,707
St. Louis Southwestern Railway Co.	8	454	64	3	0	0	94,507
Union Pacific Railroad Co.	93	5,660	959	101	5	100	6,927,179
Total Class I Railroads.....	457	27,426	3,621	652	41	2,286	34,732,018
<b>GROUP II RAILROADS **</b>							
Alton & Southern Railroad	1	61	2	2	0	0	6,050
Alaska Railroad Corp.	1	61	26	1	0	0	6,000
Bangor & Aroostook Railroad	1	53	4	0	0	0	56,651
Bessemer & Lake Erie Railroad Co.	0	0	0	0	0	0	0
Belt Railway Co. Of Chicago	12	891	52	4	0	0	129,525
Birmingham Southern Railroad Co.	0	0	0	0	0	0	0
Chicago, Central & Pacific Railroad	2	134	14	3	0	0	22,650
Delaware & Hudson Railway Co.	1	112	1	1	0	0	564,187
Dakota, Minnesota & Eastern Railroad	0	0	0	0	0	0	0
Duluth, Missabe & Iron Range Railway	0	0	0	0	0	0	0
Duluth, Winnipeg & Pacific Railway	3	126	126	37	0	0	251,000
Elgin, Joliet & Eastern Railway Co.	2	68	7	5	0	0	166,900
Florida East Coast Railway Co.	1	102	21	0	0	0	4,522
Gateway Western Railway	1	35	3	3	0	0	9,000
Houston Belt & Terminal Railway Co.	1	29	9	0	0	0	29,720
Indiana Harbor Belt Railroad Co.	14	850	94	6	0	0	170,388
Long Island Rail Road	0	0	0	0	0	0	0
Metro North Commuter Railroad Co.	0	0	0	0	0	0	0
Montana Rail Link	12	625	47	8	1	15	515,100
Northern Indiana Commuter Trans.	0	0	0	0	0	0	0
Northeast Illinois Regional Commuter	0	0	0	0	0	0	0
New Jersey Transit Rail Operations	0	0	0	0	0	0	0
Paducah & Louisville Railway Co.	1	27	21	9	0	0	16,235
Port Authority Trans Hudson	0	0	0	0	0	0	0
Port Terminal Railroad Assoc.	4	121	5	4	1	0	42,800
Southeastern Pennsylvania Trans.	0	0	0	0	0	0	0
Southern Pacific, Chicago-St. Louis	4	226	37	9	0	0	161,450
Springfield Terminal Railway Co.	0	0	0	0	0	0	0
Terminal Railroad Assoc. Of State Dock	0	0	0	0	0	0	0
Union Railroad Co. (Pittsburgh)	1	21	4	2	0	0	30,000
Wisconsin Central Ltd. (also Railway)	21	1,267	84	15	0	0	955,925
Wheeling & Lake Erie Railway Co.	4	107	10	5	0	0	88,347
TOTAL GROUP II RAILROADS.....	87	4,916	567	114	2	15	3,226,450
<b>RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)</b>							
Class I Railroads	457	27,426	3,621	652	41	2,286	34,732,018
Group II Railroads **	87	4,916	567	114	2	15	3,226,450
All Other Railroads	52	2,421	765	118	7	551	3,596,539
Total All Railroads	596	34,763	4,953	884	50	2,852	41,555,007

\*\* GROUP II Railroads: Railroads, excluding CLASS I, with annual accumulation of over 400,000 employee hours worked.



**TABLE 30: TRAIN ACCIDENTS BY STATE AND TYPE OF ACCIDENT, 1995**

State	.... Collisions....		... Derailments....		..... Other.....		.. Hwy-Rail X-ing..		..... Total.....	
	Number	Damage	Number	Damage	Number	Damage	Number	Damage	Number	Damage
Alabama.....	4	856,150	9	886,414	3	405,615	5	249,515	21	2,397,694
Alaska.....	---	---	4	184,080	---	---	---	---	4	184,080
Arizona.....	3	175,400	27	5,904,222	7	170,875	1	20,000	38	6,270,497
Arkansas.....	4	252,545	38	1,792,952	14	616,035	7	202,224	63	2,863,756
California.....	10	188,141	74	3,651,798	28	722,652	14	1,619,269	126	6,181,860
Colorado.....	2	268,800	43	3,853,004	4	61,219	2	22,445	51	4,205,468
Connecticut.....	1	90,000	---	---	15	299,296	1	242,700	17	631,996
Delaware.....	---	---	2	25,300	---	---	---	---	2	25,300
Dist of Columbia.....	---	---	3	263,859	1	29,861	---	---	4	293,720
Florida.....	4	106,135	33	1,512,686	5	416,800	5	634,235	47	2,669,856
Georgia.....	8	117,554	14	599,663	6	117,156	11	403,015	39	1,237,388
Idaho.....	3	442,945	25	2,181,820	4	66,810	2	21,500	34	2,713,075
Illinois.....	35	5,855,487	154	9,245,962	59	2,287,605	7	196,456	255	17,585,510
Indiana.....	4	1,108,076	39	2,225,285	3	165,433	4	172,690	50	3,671,484
Iowa.....	6	578,503	54	6,838,926	23	462,123	3	37,000	86	7,916,552
Kansas.....	9	1,667,595	54	6,428,092	11	183,564	9	213,130	83	8,492,381
Kentucky.....	4	192,547	15	2,228,458	3	32,900	---	---	22	2,453,905
Louisiana.....	7	122,667	43	2,504,535	11	397,383	7	196,830	68	3,221,415
Maine.....	---	---	4	287,713	---	---	---	---	4	287,713
Maryland.....	---	---	8	338,920	4	142,475	---	---	12	481,395
Massachusetts.....	1	12,500	8	172,473	3	65,770	---	---	12	250,743
Michigan.....	5	155,658	55	2,217,296	1	7,000	1	201,800	62	2,581,754
Minnesota.....	4	110,014	71	5,465,893	17	349,526	4	74,636	96	6,000,069
Mississippi.....	9	326,070	57	3,696,141	16	344,532	5	244,352	87	4,611,095
Missouri.....	7	135,856	54	6,319,037	18	787,629	8	712,279	87	7,954,801
Montana.....	9	446,300	24	1,504,533	9	96,168	---	---	42	2,047,001
Nebraska.....	6	729,003	59	13,765,310	31	1,093,799	4	89,017	100	15,677,129
Nevada.....	2	2,073,437	1	18,800	---	---	1	15,250	4	2,107,487
New Hampshire.....	---	---	2	639,558	---	---	---	---	2	639,558
New Jersey.....	4	113,152	10	267,672	6	192,011	2	84,000	22	656,835
New Mexico.....	6	2,890,215	10	1,591,646	---	---	1	15,900	17	4,497,761
New York.....	6	96,827	77	4,135,126	22	1,959,903	6	329,515	111	6,521,371
North Carolina.....	4	50,250	13	665,566	2	29,300	4	372,000	23	1,117,116
North Dakota.....	1	532,390	29	5,911,570	4	78,900	3	534,925	37	7,057,785
Ohio.....	5	151,300	51	2,539,100	2	76,809	1	10,000	59	2,777,209
Oklahoma.....	1	143,000	41	3,388,900	8	131,723	4	321,924	54	3,985,547
Oregon.....	1	21,000	26	2,155,478	8	131,550	---	---	35	2,308,028
Pennsylvania.....	7	2,503,501	67	2,632,936	12	331,071	4	54,343	90	5,521,851
Rhode Island.....	---	---	---	---	1	24,625	---	---	1	24,625
South Carolina.....	4	1,117,275	14	1,032,927	---	---	7	1,135,717	25	3,285,919
South Dakota.....	---	---	37	2,117,674	2	37,100	1	326,500	40	2,481,274
Tennessee.....	2	38,950	34	2,479,802	8	157,560	4	46,285	48	2,722,597
Texas.....	19	671,927	168	10,306,030	52	1,680,297	11	438,097	250	13,096,351
Utah.....	3	112,962	15	1,185,311	1	10,800	---	---	19	1,309,073
Vermont.....	---	---	4	69,328	1	49,504	1	69,600	6	188,432
Virginia.....	4	3,190,499	23	2,497,212	4	373,920	3	398,470	34	6,460,101
Washington.....	6	163,326	57	3,543,069	22	410,631	---	---	85	4,117,026
West Virginia.....	2	30,000	14	775,911	3	658,064	3	41,029	22	1,505,004
Wisconsin.....	7	1,272,529	48	3,143,426	19	498,525	3	368,450	77	5,282,930
Wyoming.....	6	4,490,973	30	3,928,750	9	347,677	1	8,500	46	8,775,900
Unknown.....	---	---	---	---	---	---	---	---	---	---
TOTAL.....	235	33,601,459	1,742	139,120,164	482	16,502,196	160	10,123,598	2,619	199,347,417

**TABLE 31. TRAIN ACCIDENTS BY STATE AND CAUSE OF ACCIDENT, 1995**

State	.....Track.....		....Equipment....		..Human Factors...		..Miscellaneous...		.....Total.....	
	Number	Damage	Number	Damage	Number	Damage	Number	Damage	Number	Damage
Alabama.....	6	353, 127	2	14, 961	4	1, 355, 880	9	673, 726	21	2, 397, 694
Alaska.....	2	87, 080	2	97, 000	---	---	---	---	4	184, 080
Arizona.....	14	783, 429	1	1, 015, 000	14	764, 215	9	3, 707, 853	38	6, 270, 497
Arkansas.....	19	1, 154, 386	8	364, 220	22	745, 008	14	600, 142	63	2, 863, 756
California.....	36	2, 539, 442	6	64, 124	49	1, 187, 705	35	2, 390, 589	126	6, 181, 860
Colorado.....	11	2, 247, 139	7	668, 560	23	732, 906	10	556, 863	51	4, 205, 468
Connecticut.....	14	290, 376	---	---	---	---	3	341, 620	17	631, 996
Delaware.....	1	6, 300	---	---	---	---	1	19, 000	2	25, 300
Dist of Columbia.....	1	197, 600	---	---	2	38, 417	1	57, 703	4	293, 720
Florida.....	16	600, 962	3	373, 796	17	295, 874	11	1, 399, 224	47	2, 669, 856
Georgia.....	9	568, 419	---	---	16	234, 454	14	434, 515	39	1, 237, 388
Idaho.....	9	866, 166	6	882, 860	14	343, 225	5	620, 824	34	2, 713, 075
Illinois.....	87	3, 403, 210	17	3, 412, 585	109	3, 991, 478	42	6, 778, 237	255	17, 585, 510
Indiana.....	11	867, 318	6	320, 003	18	1, 227, 742	15	1, 256, 421	50	3, 671, 484
Iowa.....	32	1, 987, 169	17	4, 385, 556	26	1, 123, 446	11	420, 381	86	7, 916, 552
Kansas.....	28	2, 113, 892	7	826, 515	27	2, 163, 108	21	3, 388, 866	83	8, 492, 381
Kentucky.....	8	1, 122, 303	6	1, 038, 921	7	272, 961	1	19, 720	22	2, 453, 905
Louisiana.....	25	1, 684, 765	4	278, 238	25	776, 590	14	481, 822	68	3, 221, 415
Maine.....	1	172, 000	1	61, 386	2	54, 327	---	---	4	287, 713
Maryland.....	2	224, 000	2	40, 641	6	114, 920	2	101, 834	12	481, 395
Massachusetts.....	3	95, 306	2	22, 967	4	64, 270	3	68, 200	12	250, 743
Michigan.....	15	838, 682	4	201, 370	31	517, 364	12	1, 024, 338	62	2, 581, 754
Minnesota.....	43	3, 015, 954	10	805, 686	27	899, 923	16	1, 278, 506	96	6, 000, 069
Mississippi.....	30	2, 193, 559	9	843, 097	27	864, 137	21	710, 302	87	4, 611, 095
Missouri.....	28	2, 231, 291	10	2, 593, 326	30	1, 391, 352	19	1, 738, 832	87	7, 954, 801
Montana.....	15	1, 142, 250	2	71, 250	21	722, 468	4	111, 033	42	2, 047, 001
Nebraska.....	42	10, 019, 158	12	2, 254, 953	38	1, 619, 054	8	1, 783, 964	100	15, 677, 129
Nevada.....	---	---	1	7, 080	2	1, 670, 157	1	430, 250	4	2, 107, 487
New Hampshire.....	1	10, 500	1	629, 058	---	---	---	---	2	639, 558
New Jersey.....	2	22, 260	3	137, 001	14	394, 324	3	103, 250	22	656, 835
New Mexico.....	5	1, 042, 531	1	640, 080	10	2, 799, 250	1	15, 900	17	4, 497, 761
New York.....	44	1, 374, 132	9	1, 270, 903	33	986, 836	25	2, 889, 500	111	6, 521, 371
North Carolina.....	5	102, 860	1	277, 090	6	107, 891	11	629, 275	23	1, 117, 116
North Dakota.....	20	2, 400, 777	6	2, 079, 323	7	642, 760	4	1, 934, 925	37	7, 057, 785
Ohio.....	20	492, 686	12	1, 480, 595	17	402, 104	10	401, 824	59	2, 777, 209
Oklahoma.....	26	1, 959, 087	6	449, 217	10	355, 548	12	1, 221, 695	54	3, 985, 547
Oregon.....	14	1, 694, 646	2	30, 300	18	560, 082	1	23, 000	35	2, 308, 028
Pennsylvania.....	27	819, 070	20	606, 311	25	3, 156, 844	18	939, 626	90	5, 521, 851
Rhode Island.....	---	---	---	---	1	24, 625	---	---	1	24, 625
South Carolina.....	6	831, 827	---	---	9	1, 291, 875	10	1, 162, 217	25	3, 285, 919
South Dakota.....	31	1, 790, 016	1	119, 545	4	81, 200	4	490, 513	40	2, 481, 274
Tennessee.....	18	692, 784	4	545, 275	19	1, 407, 065	7	77, 473	48	2, 722, 597
Texas.....	74	4, 188, 939	27	2, 169, 933	101	3, 399, 360	48	3, 338, 119	250	13, 096, 351
Utah.....	2	17, 525	3	360, 200	10	278, 544	4	652, 804	19	1, 309, 073
Vermont.....	3	59, 328	---	---	1	10, 000	2	119, 104	6	188, 432
Virginia.....	8	1, 821, 216	6	328, 580	12	3, 514, 332	8	795, 973	34	6, 460, 101
Washingtgon.....	27	1, 004, 061	14	1, 631, 596	31	1, 101, 800	13	379, 569	85	4, 117, 026
West Virginia.....	8	398, 011	1	54, 200	5	104, 264	8	948, 529	22	1, 505, 004
Wisconsin.....	27	1, 058, 358	7	1, 751, 768	26	1, 674, 184	17	798, 620	77	5, 282, 930
Wyoming.....	7	1, 465, 654	10	1, 978, 510	24	2, 388, 005	5	2, 943, 731	46	8, 775, 900
Unknown.....	---	---	---	---	---	---	---	---	---	---
TOTAL.....	883	64, 051, 551	279	37, 183, 580	944	47, 851, 874	513	50, 260, 412	2, 619	199, 347, 417

**TABLE 32. TRAIN ACCIDENTS BY STATE AND MONTH, 1995**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Alabama.....	1	2	2	3	3	---	3	1	1	1	3	1	21
Alaska.....	---	1	---	---	---	1	1	---	---	---	---	1	4
Arizona.....	4	4	3	2	3	1	3	3	3	4	5	3	38
Arkansas.....	5	5	4	3	4	3	11	8	4	4	6	6	63
California.....	16	3	9	10	7	14	15	6	15	15	7	9	126
Colorado.....	6	5	2	3	1	8	7	5	5	5	3	1	51
Connecticut.....	3	3	2	2	2	---	---	3	---	2	---	---	17
Delaware.....	---	---	---	1	---	---	---	---	---	1	---	---	2
Dist of Columbia.....	---	---	---	---	1	1	---	---	1	---	1	---	4
Florida.....	3	4	5	1	1	1	3	3	6	5	8	7	47
Georgia.....	1	4	4	6	6	2	3	---	3	2	4	4	39
Idaho.....	3	4	4	3	2	3	---	1	2	6	---	6	34
Illinois.....	23	15	22	24	21	16	23	18	20	17	31	25	255
Indiana.....	3	6	4	4	4	8	5	3	6	1	4	2	50
Iowa.....	7	13	7	6	6	6	10	6	7	3	8	7	86
Kansas.....	6	4	9	2	5	6	12	9	11	7	5	7	83
Kentucky.....	---	3	2	---	1	3	3	3	2	1	4	---	22
Louisiana.....	2	5	6	5	8	2	7	7	9	5	7	5	68
Maine.....	---	1	---	---	---	1	---	---	1	---	---	1	4
Maryland.....	1	1	---	3	2	1	1	---	2	---	---	1	12
Massachusetts.....	1	---	---	2	2	2	1	2	---	1	1	---	12
Michigan.....	6	6	10	5	5	9	4	5	2	4	5	1	62
Minnesota.....	8	6	6	5	4	12	9	16	11	8	3	8	96
Mississippi.....	4	6	9	10	6	5	11	9	4	6	8	9	87
Missouri.....	10	4	10	4	9	9	5	6	7	7	10	6	87
Montana.....	2	3	3	5	2	10	---	2	3	4	6	2	42
Nebraska.....	8	7	7	5	11	10	10	9	5	11	11	6	100
Nevada.....	2	---	---	---	---	1	1	---	---	---	---	---	4
New Hampshire.....	---	---	1	---	---	---	1	---	---	---	---	---	2
New Jersey.....	2	2	4	---	1	1	1	---	4	4	1	2	22
New Mexico.....	3	---	---	---	1	1	2	3	3	1	1	2	17
New York.....	14	9	5	10	9	16	8	5	4	9	10	12	111
North Carolina.....	1	1	4	1	3	---	2	2	1	5	---	3	23
North Dakota.....	1	3	6	2	3	3	1	2	5	6	3	2	37
Ohio.....	7	4	9	2	5	8	4	8	2	3	5	2	59
Oklahoma.....	5	5	4	3	5	6	9	3	3	4	4	3	54
Oregon.....	3	1	3	2	1	2	---	6	2	5	5	5	35
Pennsylvania.....	7	8	8	6	9	10	9	5	7	6	8	7	90
Rhode Island.....	---	---	---	---	1	---	---	---	---	---	---	---	1
South Carolina.....	3	2	2	2	2	2	2	1	1	3	3	2	25
South Dakota.....	---	---	6	5	6	2	5	5	4	4	2	1	40
Tennessee.....	3	6	5	3	4	---	5	5	3	2	8	4	48
Texas.....	21	18	17	21	18	25	28	24	31	15	17	15	250
Utah.....	---	1	2	2	4	---	2	1	3	1	2	1	19
Vermont.....	---	---	---	---	1	2	2	---	---	1	---	---	6
Virginia.....	3	1	1	2	4	5	2	4	3	1	3	5	34
Washington.....	7	7	15	4	9	5	6	10	1	7	9	5	85
West Virginia.....	3	2	1	3	3	1	2	1	---	2	1	3	22
Wisconsin.....	3	6	3	10	6	6	5	11	7	7	7	6	77
Wyoming.....	3	---	5	2	2	8	3	3	4	4	6	6	46
Unknown.....	---	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL.....	214	191	231	194	213	238	247	224	218	210	235	204	2,619

**TABLE 33. CASUALTIES BY STATE AND TYPE OF ACCIDENT/INCIDENT, 1995**

State	.....Train Accidents....			.....Train Incidents....			...Nontrain Incidents...			.....Total.....		
	Killed	Injured	Illness	Killed	Injured	Illness	Killed	Injured	Illness	Killed	Injured	Illness
Alabama.....	1	7	---	22	99	---	1	95	2	24	201	2
Alaska.....	---	---	---	1	19	---	---	43	2	1	62	2
Arizona.....	1	41	---	16	35	2	---	83	3	17	159	5
Arkansas.....	1	4	---	21	114	---	---	187	2	22	305	2
California.....	5	19	---	97	197	1	4	559	17	106	775	18
Colorado.....	---	2	---	13	68	1	---	141	17	13	211	18
Connecticut.....	---	10	---	7	9	3	---	130	4	7	149	7
Delaware.....	---	---	---	---	6	---	---	82	1	---	88	1
Dist of Columbia.....	---	---	---	1	6	---	---	86	1	1	92	1
Florida.....	2	8	---	46	121	---	---	197	1	48	326	1
Georgia.....	1	12	---	28	93	---	---	120	3	29	225	3
Idaho.....	1	10	---	9	34	---	---	103	7	10	147	7
Illinois.....	10	52	---	76	367	1	5	870	13	91	1,289	14
Indiana.....	1	12	---	41	124	1	---	281	2	42	417	3
Iowa.....	---	4	---	13	94	---	---	208	13	13	306	13
Kansas.....	2	8	---	15	67	1	---	168	2	17	243	3
Kentucky.....	---	3	---	17	68	---	4	107	1	21	178	1
Louisiana.....	1	5	---	35	144	---	---	141	1	36	290	1
Maine.....	---	---	---	---	9	---	---	47	---	---	56	---
Maryland.....	---	---	---	9	28	---	---	101	---	9	129	---
Massachusetts.....	---	---	---	12	22	---	---	198	1	12	220	1
Michigan.....	---	4	---	16	102	4	1	280	8	17	386	12
Minnesota.....	1	1	---	22	70	1	1	361	3	24	432	4
Mississippi.....	1	2	---	31	71	---	---	48	---	32	121	---
Missouri.....	3	9	---	28	83	---	---	217	3	31	309	3
Montana.....	---	3	---	9	33	---	---	90	1	9	126	1
Nebraska.....	2	4	---	9	53	---	1	251	11	12	308	11
Nevada.....	1	64	---	7	5	---	1	46	---	9	115	---
New Hampshire.....	---	1	---	---	3	---	---	10	1	---	14	1
New Jersey.....	1	4	---	32	62	7	2	453	7	35	519	14
New Mexico.....	1	6	1	14	19	---	---	64	---	15	89	1
New York.....	3	25	---	41	129	15	4	1,479	48	48	1,633	63
North Carolina.....	1	5	---	29	54	---	---	63	---	30	122	---
North Dakota.....	2	7	---	7	18	---	---	73	---	9	98	---
Ohio.....	---	4	---	44	140	2	5	287	2	49	431	4
Oklahoma.....	1	5	---	17	69	---	---	79	1	18	153	1
Oregon.....	---	---	---	19	55	---	1	137	2	20	192	2
Pennsylvania.....	---	12	---	25	112	6	5	718	6	30	842	12
Rhode Island.....	---	1	---	---	1	---	---	14	---	---	16	---
South Carolina.....	---	35	---	16	42	---	---	64	---	16	141	---
South Dakota.....	---	5	---	4	15	---	1	30	---	5	50	---
Tennessee.....	1	4	---	20	58	---	1	128	2	22	190	2
Texas.....	3	24	---	105	370	---	6	494	7	114	888	7
Utah.....	---	2	---	9	33	---	1	71	1	10	106	1
Vermont.....	---	2	---	1	4	---	---	12	---	1	18	---
Virginia.....	---	9	---	15	38	---	1	139	1	16	186	1
Washington.....	---	8	---	25	81	1	---	182	5	25	271	6
West Virginia.....	1	---	---	6	23	---	---	64	---	7	87	---
Wisconsin.....	1	11	---	18	101	3	1	270	3	20	382	6
Wyoming.....	1	9	---	2	11	---	---	70	2	3	90	2
Unknown.....	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL.....	50	463	1	1,050	3,579	49	46	10,141	207	1,146	14,183	257

TABLE 34. TRAIN ACCIDENT AND TRAIN INCIDENT FATALITIES TO TRESPASSERS AND NONTRESPASSERS, 1995

State	Trespassers				Nontrespassers				Total			
	Child	Adult	Unknown	Total	Child	Adult	Unknown	Total	Child	Adult	Unknown	Total
Alabama	---	8	---	8	1	14	---	15	1	22	---	23
Alaska	---	---	1	1	---	---	---	---	---	---	1	1
Arizona	1	14	---	15	---	1	---	1	1	15	---	16
Arkansas	---	---	---	---	1	21	---	22	1	21	---	22
California	3	63	28	94	---	7	---	7	3	70	28	101
Colorado	---	3	1	4	1	8	---	9	1	11	1	13
Connecticut	---	4	3	7	---	---	---	---	---	4	3	7
Delaware	---	---	---	---	---	---	---	---	---	---	---	---
Dist of Columbia	---	1	---	1	---	---	---	---	---	1	---	1
Florida	---	28	7	35	2	10	---	12	2	38	7	47
Georgia	1	16	3	20	1	8	---	9	2	24	3	29
Idaho	---	3	---	3	1	6	---	7	1	9	---	10
Illinois	2	35	13	50	6	23	1	30	8	58	14	80
Indiana	---	14	3	17	2	21	---	23	2	35	3	40
Iowa	---	5	2	7	---	6	---	6	---	11	2	13
Kansas	---	4	---	4	---	12	1	13	---	16	1	17
Kentucky	1	8	1	10	---	7	---	7	1	15	1	17
Louisiana	1	10	---	11	4	20	1	25	5	30	1	36
Maine	---	---	---	---	---	---	---	---	---	---	---	---
Maryland	---	9	---	9	---	---	---	---	---	9	---	9
Massachusetts	---	6	3	9	---	2	1	3	---	8	4	12
Michigan	---	9	---	9	---	7	---	7	---	16	---	16
Minnesota	---	4	---	4	1	18	---	19	1	22	---	23
Mississippi	---	1	1	2	5	24	1	30	5	25	2	32
Missouri	2	8	2	12	5	12	---	17	7	20	2	29
Montana	---	5	---	5	---	4	---	4	---	9	---	9
Nebraska	2	2	---	4	---	5	---	5	2	7	---	9
Nevada	1	1	---	2	2	3	---	5	3	4	---	7
New Hampshire	---	---	---	---	---	---	---	---	---	---	---	---
New Jersey	---	16	13	29	---	2	---	2	---	18	13	31
New Mexico	---	9	2	11	---	3	---	3	---	12	2	14
New York	2	19	15	36	---	3	3	6	2	22	18	42
North Carolina	---	17	5	22	---	7	---	7	---	24	5	29
North Dakota	---	5	---	5	---	3	---	3	---	8	---	8
Ohio	1	13	---	14	3	24	1	28	4	37	1	42
Oklahoma	---	2	---	2	1	14	---	15	1	16	---	17
Oregon	---	8	8	16	---	1	2	3	---	9	10	19
Pennsylvania	---	15	4	19	1	4	---	5	1	19	4	24
Rhode Island	---	---	---	---	---	---	---	---	---	---	---	---
South Carolina	2	8	1	11	1	3	---	4	3	11	1	15
South Dakota	---	---	---	---	---	4	---	4	---	4	---	4
Tennessee	1	8	---	9	2	10	---	12	3	18	---	21
Texas	3	53	7	63	11	33	---	44	14	86	7	107
Utah	1	2	3	6	---	3	---	3	1	5	3	9
Vermont	---	1	---	1	---	---	---	---	---	1	---	1
Virginia	---	6	4	10	---	5	---	5	---	11	4	15
Washington	---	20	2	22	---	3	---	3	---	23	2	25
West Virginia	---	6	---	6	---	1	---	1	---	7	---	7
Wisconsin	---	6	2	8	3	7	---	10	3	13	2	18
Wyoming	---	1	---	1	---	---	---	---	---	1	---	1
Unknown	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL	24	476	134	634	54	369	11	434	78	845	145	1,068

**TABLE 35. TRAIN ACCIDENT AND TRAIN INCIDENT NONFATAL CASUALTIES TO TRESPASSERS AND NONTRESPASSERS, 1995**

State	.....Trespassers.....				.....Nontrespassers.....				.....Total.....			
	Child	Adult	Unknown	Total	Child	Adult	Unknown	Total	Child	Adult	Unknown	Total
Alabama.....	1	11	1	13	2	66	2	70	3	77	3	83
Alaska.....	4	2	---	6	---	---	---	---	4	2	---	6
Arizona.....	1	7	1	9	1	6	---	7	2	13	1	16
Arkansas.....	1	7	---	8	9	54	---	63	10	61	---	71
California.....	2	48	5	55	4	44	5	53	6	92	10	108
Colorado.....	---	10	1	11	1	19	6	26	1	29	7	37
Connecticut.....	---	---	---	---	---	---	2	2	---	---	2	2
Delaware.....	---	---	1	1	---	---	---	---	---	---	1	1
Dist of Columbia.....	---	---	---	---	---	---	---	---	---	---	---	---
Florida.....	2	34	3	39	28	6	---	34	30	40	3	73
Georgia.....	3	20	---	23	3	39	---	42	6	59	---	65
Idaho.....	1	2	---	3	2	9	1	12	3	11	1	15
Illinois.....	8	40	4	52	14	65	31	110	22	105	35	162
Indiana.....	3	18	---	21	8	58	2	68	11	76	2	89
Iowa.....	1	8	---	9	2	47	5	54	3	55	5	63
Kansas.....	---	3	---	3	1	35	8	44	1	38	8	47
Kentucky.....	---	17	1	18	3	36	2	41	3	53	3	59
Louisiana.....	3	17	1	21	5	91	4	100	8	108	5	121
Maine.....	---	2	---	2	---	3	---	3	---	5	---	5
Maryland.....	---	5	1	6	---	6	1	7	---	11	2	13
Massachusetts.....	---	2	---	2	---	2	---	2	---	4	---	4
Michigan.....	2	10	---	12	5	54	---	59	7	64	---	71
Minnesota.....	2	9	2	13	3	23	---	26	5	32	2	39
Mississippi.....	3	4	3	10	1	38	1	40	4	42	4	50
Missouri.....	1	6	2	9	4	44	---	48	5	50	2	57
Montana.....	---	6	---	6	---	1	3	4	---	7	3	10
Nebraska.....	---	8	1	9	2	17	---	19	2	25	1	28
Nevada.....	---	2	---	2	---	1	---	1	---	3	---	3
New Hampshire.....	---	---	---	---	1	2	---	3	1	2	---	3
New Jersey.....	1	9	1	11	---	1	---	1	1	10	1	12
New Mexico.....	---	3	1	4	1	7	---	8	1	10	1	12
New York.....	3	16	2	21	---	4	3	7	3	20	5	28
North Carolina.....	---	16	---	16	3	23	2	28	3	39	2	44
North Dakota.....	---	4	---	4	---	14	---	14	---	18	---	18
Ohio.....	1	27	2	30	4	54	2	60	5	81	4	90
Oklahoma.....	1	2	---	3	7	45	5	57	8	47	5	60
Oregon.....	---	7	---	7	1	3	---	4	1	10	---	11
Pennsylvania.....	2	16	---	18	2	9	2	13	4	25	2	31
Rhode Island.....	---	---	---	---	---	1	---	1	---	1	---	1
South Carolina.....	2	3	---	5	1	25	1	27	3	28	1	32
South Dakota.....	---	---	---	---	1	12	---	13	1	12	---	13
Tennessee.....	3	10	---	13	3	23	2	28	6	33	2	41
Texas.....	5	72	4	81	16	161	9	186	21	233	13	267
Utah.....	---	5	---	5	3	11	---	14	3	16	---	19
Vermont.....	---	1	---	1	---	---	---	---	---	1	---	1
Virginia.....	2	8	---	10	---	19	---	19	2	27	---	29
Washington.....	1	20	---	21	2	17	---	19	3	37	---	40
West Virginia.....	2	8	1	11	---	6	---	6	2	14	1	17
Wisconsin.....	1	4	---	5	3	46	---	49	4	50	---	54
Wyoming.....	---	---	---	---	---	2	---	2	---	2	---	2
Unknown.....	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL.....	62	529	38	629	146	1,249	99	1,494	208	1,778	137	2,123

**TABLE 36. SUMMARY OF TRAIN-MILES OPERATED, 1995**

Railroad	Locomotive Train Miles	Motor Train Miles	Yard/Switch Train Miles	Total Train Miles	Total Employee Hours	Passenger* Miles	Revenue Passengers
<b>CLASS I RAILROADS</b>							
Amtrak (Nat'l Railroad Passenger Co.)	31,599,613	4,763,129	1,784,160	38,146,902	44,972,281	5,761,911,538	39,205,698
Atchison, Topeka & Santa Fe Railway	46,986,212	0	4,576,914	51,563,126	27,557,789	0	0
Burlington Northern Railroad Co.	79,998,262	0	14,333,008	94,331,270	60,952,102	270,295,398	12,864,394
Chicago and North Western Railway Co.	15,651,217	0	3,175,174	18,826,391	14,114,775	526,868,470	23,944,190
Consolidated Rail Corp.	36,216,514	0	8,852,510	45,069,024	44,689,268	0	0
CSX Transportation	70,637,247	0	12,594,622	83,231,869	58,095,340	71,757,256	2,152,963
Denver & Rio Grande Western Railroad	6,910,218	0	0	6,910,218	5,156,142	0	0
Grand Trunk Western Railroad Inc.	3,641,321	0	1,496,976	5,138,297	5,543,896	0	0
Illinois Central Railroad Co.	7,758,073	0	736,106	8,494,179	7,115,803	0	0
Kansas City Southern Railway Co.	6,791,588	0	1,257,552	8,049,140	5,578,251	0	0
Norfolk Southern Corp.	52,748,417	0	9,476,304	62,224,721	47,145,573	0	0
Soo Line Railroad Co.	8,686,639	0	2,215,776	10,902,415	8,605,350	0	0
Southern Pacific Transportation Co.	35,206,905	0	6,639,512	41,846,417	28,368,402	0	0
St. Louis Southwestern Railway Co.	9,380,791	0	458,502	9,839,293	4,752,605	0	0
Union Pacific Railroad Co.	90,680,548	0	9,022,044	99,702,592	55,782,237	0	0
Total Class I Railroads.....	502,893,565	4,763,129	76,619,160	584,275,854	418,429,814	6,630,832,662	78,167,245
<b>GROUP II RAILROADS **</b>							
Alton & Southern Railroad	0	0	753,999	753,999	670,634	0	0
Alaska Railroad Corp.	663,863	0	145,574	809,437	949,590	15,541,210	492,528
Bangor & Aroostook Railroad	402,875	0	58,331	461,206	658,489	0	0
Bessemer & Lake Erie Railroad Co.	162,550	0	13,986	176,536	646,969	0	0
Belt Railway Co. Of Chicago	41,812	0	347,591	389,403	1,255,843	0	0
Birmingham Southern Railroad Co.	83,894	0	17,685	101,579	433,751	0	0
Chicago, Central & Pacific Railroad	950,032	0	35,056	985,088	929,493	0	0
Delaware & Hudson Railway Co.	1,929,000	0	41,950	1,970,950	1,415,869	0	0
Dakota, Minnesota & Eastern Railroad	652,085	0	0	652,085	551,473	0	0
Duluth, Missabe & Iron Range Railway	755,015	0	122,486	877,501	1,360,882	0	0
Duluth, Winnipeg & Pacific Railway	648,497	0	15,244	663,741	445,333	0	0
Elgin, Joliet & Eastern Railway Co.	319,273	0	272,063	591,336	1,524,793	0	0
Florida East Coast Railway Co.	2,634,227	0	576,784	3,211,011	1,896,754	0	0
Gateway Western Railway	792,107	0	240,780	1,032,887	562,219	0	0
Houston Belt & Terminal Railway Co.	0	0	872,706	872,706	805,968	0	0
Indiana Harbor Belt Railroad Co.	1,468,186	0	0	1,468,186	1,756,564	0	0
Long Island Rail Road	1,662,300	6,412,900	113,118	8,188,318	11,537,943	2,061,255,672	73,563,843
Metro North Commuter Railroad Co.	6,213,465	1,607,589	13,617	7,834,671	10,729,538	1,756,569,603	60,924,697
Montana Rail Link	4,025,235	0	143,758	4,168,993	2,031,519	1,229,992	1,040
Northern Indiana Commuter Trans.	0	712,034	0	712,034	506,003	100,451,959	3,498,812
Northeast Illinois Regional Commuter	3,523,859	0	75,136	3,598,995	4,784,937	671,847,391	32,412,765
New Jersey Transit Rail Operations	3,078,914	3,945,595	522,460	7,546,969	7,317,126	1,115,152,269	44,635,227
Paducah & Louisville Railway Co.	517,361	0	136,753	654,114	597,640	0	0
Port Authority Trans Hudson	0	1,719,676	257,950	1,977,626	2,070,978	257,585,838	54,344,000
Port Terminal Railroad Assoc.	0	0	1,051,824	1,051,824	700,283	0	0
Southeastern Pennsylvania Trans.	0	5,050,245	0	5,050,245	3,496,187	303,773,638	22,336,297
Southern Pacific, Chicago-St. Louis	1,613,576	0	0	1,613,576	483,381	0	0
Springfield Terminal Railway Co.	949,588	0	118,933	1,068,521	1,919,551	0	0
Terminal Railroad Assoc. Of State Dock	0	0	505,555	505,555	548,476	0	0
Union Railroad Co. (Pittsburgh)	0	0	148,402	148,402	723,376	0	0
Wisconsin Central Ltd. (also Railway)	3,563,362	0	784,080	4,347,442	3,621,181	68,891	386
Wheeling & Lake Erie Railway Co.	465,126	0	84,761	549,887	782,332	0	0
Total Group II Railroads **.....	37,116,202	19,448,039	7,470,582	64,034,823	67,715,075	6,283,476,463	292,209,595
<b>RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)</b>							
Class I Railroads	502,893,565	4,763,129	76,619,160	584,275,854	418,429,814	6,630,832,662	78,167,245
Group II Railroads **	37,116,202	19,448,039	7,470,582	64,034,823	67,715,075	6,283,476,463	292,209,595
all Other Railroads	15,597,167	113,296	5,802,124	21,512,587	24,114,978	805,068,160	15,450,393
Total All Railroads	555,606,934	24,324,464	89,891,866	669,823,264	510,259,867	13,719,377,285	385,827,233

\* Passenger-mile: Movement of a passenger for a distance of one mile.

\*\* Group II Railroads: Railroads, excluding CLASS I, with annual accumulation of over 400,000 employee hours worked.

**TABLE 37. PART I: INVOLVEMENT IN TRAIN ACCIDENTS BY RAILROAD, TYPE AND CAUSE, 1995**

Railroad	<<.....C O L L I S I O N S.....>>						<<.....D E R A I L M E N T S.....>>					
	Human	Equip	Track	Other	Total	Damages	Human	Equip	Track	Other	Total	Damages
<b>CLASS I RAILROADS</b>												
Amtrak (Nat'l. Railroad Passenger Corp)	1	0	0	3	4	478,026	13	1	19	2	35	3,853,307
Atchison, Topeka & Santa Fe Railway	10	0	1	3	14	3,046,975	40	12	43	17	112	7,159,631
Burlington Northern Railroad Co.	25	1	0	6	32	2,419,655	70	62	146	39	317	35,358,071
Chicago and North Western Railway Co.	8	1	0	0	9	1,580,978	17	13	25	4	59	5,024,234
Consolidated Rail Corp.	4	0	0	6	10	6,931,571	46	28	38	18	130	5,683,639
CSX Transportation	17	0	0	3	20	3,263,327	35	10	35	18	98	8,840,293
Denver & Rio Grande Western Railroad	2	0	0	1	3	350,900	8	3	7	5	23	2,539,103
Grand Trunk Western Railroad Inc.	1	0	0	0	1	7,250	23	4	14	4	45	1,985,026
Illinois Central Railroad Co.	3	0	0	1	4	227,499	6	7	22	2	37	3,527,485
Kansas City Southern Railway Co.	10	0	0	2	12	444,302	14	8	36	14	72	3,795,889
Norfolk Southern Corp.	21	1	0	1	23	3,411,701	22	6	20	10	58	2,919,819
Soo Line Railroad Co.	4	0	0	0	4	796,887	17	11	30	11	69	4,034,050
Southern Pacific Transportation Co.	15	0	0	2	17	666,211	33	10	52	21	116	6,724,526
St. Louis Southwestern Railway Co.	3	0	0	0	3	166,455	8	2	15	5	30	847,680
Union Pacific Railroad Co.	19	1	0	2	22	6,595,249	90	46	110	17	263	26,306,987
Total Class I Railroads.....	143	4	1	30	178	30,386,986	442	223	612	187	1,464	118,599,740
<b>GROUP II RAILROADS **</b>												
Alton & Southern Railroad	2	0	0	2	4	159,148	2	0	1	1	4	47,504
Alaska Railroad Corp.	0	0	0	0	0	0	0	2	2	0	4	184,080
Bangor & Aroostook Railroad	0	0	0	0	0	0	1	1	0	0	2	102,588
Bessemer & Lake Erie Railroad Co.	0	0	0	0	0	0	1	0	0	0	1	37,000
Belt Railway Co. Of Chicago	6	0	4	1	11	128,393	4	0	15	3	22	804,550
Birmingham Southern Railroad Co.	0	0	0	0	0	0	0	1	0	0	1	6,961
Chicago, Central & Pacific Railroad	1	0	0	0	1	55,300	1	0	4	2	7	544,668
Delaware & Hudson Railway Co.	1	0	1	0	2	47,400	2	2	5	1	10	1,114,717
Dakota, Minnesota & Eastern Railroad	1	0	0	0	1	6,850	0	1	22	2	25	1,803,857
Duluth, Missabe & Iron Range Railway	0	0	0	0	0	0	1	0	6	1	8	677,960
Duluth, Winnipeg & Pacific Railway	1	0	0	0	1	15,200	1	1	2	0	4	354,409
Elgin, Joliet & Eastern Railway Co.	0	0	0	1	1	46,434	2	3	5	0	10	326,571
Florida East Coast Railway Co.	1	0	0	1	2	40,945	4	1	9	0	14	379,364
Gateway Western Railway	1	0	0	0	1	5,804	2	0	1	1	4	648,700
Houston Belt & Terminal Railway Co.	0	0	0	0	0	0	2	0	5	0	7	51,202
Indiana Harbor Belt Railroad Co.	6	0	0	0	6	78,695	11	2	6	1	20	282,812
Long Island Rail Road	3	0	0	0	3	44,077	7	0	6	1	14	308,636
Metro North Commuter Railroad Co.	0	0	0	0	0	0	1	0	2	1	4	525,442
Montana Rail Link	8	0	0	0	8	336,600	3	0	10	0	13	989,157
Northern Indiana Commuter Trans.	0	0	0	0	0	0	0	0	0	0	0	0
Northeast Illinois Regional Comuter	0	0	0	0	0	0	2	0	2	0	4	61,852
New Jersey Transit Rail Operations	2	0	0	0	2	74,652	2	0	1	0	3	29,750
Paducah & Louisville Railway Co.	0	0	0	0	0	0	0	0	2	1	3	61,520
Port Authority Trans Hudson	0	0	0	0	0	0	1	0	0	3	4	218,470
Port Terminal Railroad Assoc.	1	0	0	0	1	6,500	0	0	1	0	1	7,505
Southeastern Pennsylvania Trans.	2	0	1	0	3	70,606	0	0	0	0	0	0
Southern Pacific, Chicago-St. Louis	2	0	0	1	3	38,950	1	0	5	2	8	218,825
Springfield Terminal Railway Co.	0	0	0	1	1	12,500	0	0	0	0	0	0
Terminal Railroad Assoc. Of State Dock	0	0	0	0	0	0	4	0	10	0	14	449,905
Union Railroad Co. (Pittsburgh)	0	0	0	0	0	0	0	0	2	1	3	236,053
Wisconsin Central Ltd. (also Railway)	6	0	0	0	6	379,721	5	0	20	8	33	1,234,251
Wheeling & Lake Erie Railway Co.	1	0	0	0	1	7,800	1	3	0	1	5	198,660
Total Group II Railroads **.....	45	0	6	7	58	1,555,575	61	17	144	30	252	11,906,969
<b>RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)</b>												
Class I Railroads	134	4	1	29	168	30,386,986	410	215	553	177	1,355	118,599,740
Group II Railroads **	35	0	6	5	46	1,555,575	60	16	117	28	221	11,906,969
All Other Railroads	17	4	0	0	21	1,658,898	19	11	115	21	166	8,613,455
Total All Railroads	186	8	7	34	235	33,601,459	489	242	785	226	1,742	139,120,164

\*\* Group II Railroads: Railroads, excluding class I, with annual accumulation of over 400,000 employee hours worked.

Reporting rules require that when multiple railroads are involved in an accident, each railroad must prepare a report that describes the extent of its involvement. An example of this would be when a train of one railroad derails on track maintained by another railroad. In all other tables, these situations appear as a single count. In this table, when an accident involves CLASS I or GROUP II railroads, a count is made against each railroad involved. However, this duplication does not appear in the total of CLASS I or GROUP II railroads shown in the recapitulation.



**TABLE 37. PART II: INVOLVEMENT IN TRAIN ACCIDENTS BY RAILROAD, TYPE AND CAUSE, 1995**

Railroad	<<.....OTHER ACCIDENT S.....>>					<<.....TOTAL S.....>>			
	Human	Equip	Track	Other	Total	Damages	Accs	Rate*	Damages
<b>CLASS I RAILROADS</b>									
Amtrak (Nat'l. Railroad Passenger Corp.)	6	7	6	22	41	3,478,703	80	2.10	7,810,036
Atchison, Topeka & Santa Fe Railway	14	0	3	14	31	1,394,071	157	3.04	11,600,677
Burlington Northern Railroad Co.	59	3	5	34	101	3,339,013	450	4.77	41,116,739
Chicago and North Western Railway Co.	9	3	0	10	22	525,091	90	4.78	7,130,303
Consolidated Rail Corp.	1	1	0	7	9	265,240	149	3.31	12,880,450
CSX Transportation	6	2	2	30	40	2,365,765	158	1.90	14,469,385
Denver & Rio Grande Western Railroad	2	0	0	1	3	44,144	29	4.20	2,934,147
Grand Trunk Western Railroad Inc.	0	0	0	0	0	0	46	8.95	1,992,276
Illinois Central Railroad Co.	18	0	5	5	28	964,159	69	8.12	4,719,143
Kansas City Southern Railway Co.	18	0	1	17	36	1,150,006	120	14.91	5,390,197
Norfolk Southern Corp.	3	3	2	31	39	1,160,481	120	1.93	7,492,001
Soo Line Railroad Co.	13	0	6	5	24	691,208	97	8.90	5,522,145
Southern Pacific Transportation Co.	24	1	2	25	52	1,658,752	185	4.42	9,049,489
St. Louis Southwestern Railway Co.	6	0	1	6	13	221,928	46	4.68	1,236,063
Union Pacific Railroad Co.	36	4	25	22	87	2,633,598	372	3.73	35,535,834
Total Class I Railroads.....	215	24	58	229	526	19,892,159	2,168	3.71	168,878,885
<b>GROUP II RAILROADS **</b>									
Alton & Southern Railroad	1	0	0	0	1	60,400	9	11.94	267,052
Alaska Railroad Corp.	0	0	0	0	0	0	4	4.94	184,080
Bangor & Aroostook Railroad	0	0	0	0	0	0	2	4.34	102,588
Bessemer & Lake Erie Railroad Co.	0	0	0	0	0	0	1	5.66	37,000
Belt Railway Co. Of Chicago	6	0	9	1	16	328,620	49	125.83	1,261,563
Birmingham Southern Railroad Co.	0	0	0	0	0	0	1	9.84	6,961
Chicago, Central & Pacific Railroad	0	0	0	0	0	0	8	8.12	599,968
Delaware & Hudson Railway Co.	0	0	0	0	0	0	12	6.09	1,162,117
Dakota, Minnesota & Eastern Railroad	0	1	0	1	2	355,650	28	42.94	2,166,357
Duluth, Missabe & Iron Range Railway	0	0	0	0	0	0	8	9.12	677,960
Duluth, Winnipeg & Pacific Railway	0	0	0	0	0	0	5	7.53	369,609
Elgin, Joliet & Eastern Railway Co.	1	0	0	0	1	19,000	12	20.29	392,005
Florida East Coast Railway Co.	0	1	0	0	1	337,000	17	5.29	757,309
Gateway Western Railway	2	0	0	0	2	307,300	7	6.78	961,804
Houston Belt & Terminal Railway Co.	2	1	0	1	4	55,391	11	12.60	106,593
Indiana Harbor Belt Railroad Co.	0	0	0	1	1	7,500	27	18.39	369,007
Long Island Rail Road	6	0	0	10	16	1,689,804	33	4.03	2,042,517
Metro North Commuter Railroad Co.	0	1	17	2	20	663,721	24	3.06	1,189,163
Montana Rail Link	7	0	0	2	9	96,168	30	7.20	1,421,925
Northern Indiana Commuter Trans.	0	0	0	1	1	23,293	1	1.40	23,293
Northeast Illinois Regional Comuter	0	1	0	3	4	146,630	8	2.22	208,482
New Jersey Transit Rail Operations	0	1	0	1	2	87,301	7	0.93	191,703
Paducah & Louisville Railway Co.	0	0	0	0	0	0	3	4.59	61,520
Port Authority Trans Hudson	1	0	0	0	1	14,700	5	2.53	233,170
Port Terminal Railroad Assoc.	7	0	1	0	8	209,870	10	9.51	223,875
Southeastern Pennsylvania Trans.	0	0	0	3	3	39,414	6	1.19	110,020
Southern Pacific, Chicago-St. Louis	1	0	0	0	1	15,675	12	7.44	273,450
Springfield Terminal Railway Co.	0	0	0	1	1	13,800	2	1.87	26,300
Terminal Railroad Assoc. Of State Dock	0	0	0	1	1	0	15	29.67	449,905
Union Railroad Co. (Pittsburgh)	1	0	0	0	1	30,000	4	26.95	266,053
Wisconsin Central Ltd. (also Railway)	9	0	4	5	18	627,582	57	13.11	2,241,554
Wheeling & Lake Erie Railway Co.	2	0	0	0	2	76,809	8	14.55	283,269
Total Group II Railroads **.....	46	6	31	33	116	5,205,628	426	6.65	18,668,172
<b>RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)</b>									
Class I Railroads	209	23	56	210	498	19,892,159	2,021	3.46	168,878,885
Group II Railroads **	44	5	31	29	109	5,205,628	376	5.87	18,668,172
All Other Railroads	16	1	4	14	35	1,528,007	222	10.32	11,800,360
Total All Railroads	269	29	91	253	642	26,625,794	2,619	3.91	199,347,417

\* Accident rate per million train miles.

\*\* Group II Railroads: Railroads, excluding class I, with annual accumulation of over 400,000 employee hours worked.

Reporting rules require that when multiple railroads are involved in an accident, each railroad must prepare a report that describes the extent of its involvement. An example of this would be when a train of one railroad derailed on track maintained by another railroad. In all other tables, these situations appear as a single count. In this table, when an accident involves CLASS I or GROUP II railroads, a count is made against each railroad involved. However, this duplication does not appear in the total for CLASS I or GROUP II railroads shown in the recapitulation.

**TABLE 38. PART I: FATALITIES BY RAILROAD AND TYPE OF ACCIDENT/INCIDENT, 1995**

Railroad	<<...TRAIN ACCIDENTS...>>							<<...TRAIN INCIDENTS...>>						
	Eod	Enod	Psgr	Nont	Tres	Contr	Total	Eod	Enod	Psgr	Nont	Tres	Contr	Total
<b>CLASS I RAILROADS</b>														
Amtrak (Nat'l. Railroad Passenger Corp.)	1	1	0	0	2	0	4	0	0	0	7	112	0	119
Atchison, Topeka & Santa Fe Railway	1	0	0	3	1	0	5	3	0	0	38	33	0	74
Burlington Northern Railroad Co.	2	0	0	2	0	0	4	0	0	0	77	51	0	128
Chicago and North Western Railway Co.	0	0	0	8	0	0	8	0	0	0	4	25	1	30
Consolidated Rail Corp.	3	0	0	0	0	0	3	4	0	0	31	34	0	69
CSX Transportation	0	0	0	2	0	0	2	3	0	0	62	67	0	132
Denver & Rio Grande Western Railroad	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Grand Trunk Western Railroad Inc.	0	0	0	0	0	0	0	0	0	0	3	3	0	6
Illinois Central Railroad Co.	0	0	0	1	0	0	1	0	0	0	6	1	0	7
Kansas City Southern Railway Co.	0	0	0	1	0	0	1	0	0	0	11	7	0	18
Norfolk Southern Corp.	0	0	0	5	0	0	5	2	0	0	58	55	0	115
Soo Line Railroad Co.	0	0	0	1	0	0	1	0	0	0	6	2	0	8
Southern Pacific Transportation Co.	0	0	0	2	2	0	4	1	0	0	15	58	0	74
St. Louis Southwestern Railway Co.	0	0	0	0	0	0	0	0	0	0	11	3	0	14
Union Pacific Railroad Co.	2	0	0	2	1	0	5	1	0	0	58	64	1	124
Total Class I Railroads.....	9	1	0	27	6	0	43	14	0	0	387	517	2	920

**GROUP II RAILROADS \*\***

Alton & Southern Railroad	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Railroad Corp.	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Bangor & Aroostook Railroad	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bessemer & Lake Erie Railroad Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Belt Railway Co. Of Chicago	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Birmingham Southern Railroad Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chicago, Central & Pacific Railroad	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Delaware & Hudson Railway Co.	0	0	0	0	0	0	0	0	0	0	4	0	0	4
Dakota, Minnesota & Eastern Railroad	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Duluth, Missabe & Iron Range Railway	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duluth, Winnipeg & Pacific Railway	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Elgin, Joliet & Eastern Railway Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida East Coast Railway Co.	0	0	0	0	0	0	0	0	0	0	3	15	0	18
Gateway Western Railway	2	0	0	0	0	0	2	0	0	0	0	0	0	0
Houston Belt & Terminal Railway Co.	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Indiana Harbor Belt Railroad Co.	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Long Island Rail Road	0	0	0	0	2	0	2	0	0	0	0	14	0	14
Metro North Commuter Railroad Co.	0	0	0	0	0	0	0	1	0	0	0	11	0	12
Montana Rail Link	0	0	0	0	0	0	0	0	0	0	1	1	0	2
Northern Indiana Commuter Trans.	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Northeast Illinois Regional Comuter	0	0	0	0	0	0	0	0	0	0	2	6	0	8
New Jersey Transit Rail Operations	0	0	0	0	1	0	1	0	0	0	0	28	0	28
Paducah & Louisville Railway Co.	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Port Authority Trans Hudson	0	0	0	0	0	0	0	2	0	0	0	1	0	3
Port Terminal Railroad Assoc.	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Southeastern Pennsylvania Trans.	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Southern Pacific, Chicago-St. Louis	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Springfield Terminal Railway Co.	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Terminal Railroad Assoc. Of State Dock	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Union Railroad Co. (Pittsburgh)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wisconsin Central Ltd. (also Railway)	1	0	0	0	0	0	1	0	0	0	4	4	0	8
Wheeling & Lake Erie Railway Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Group II Railroads **.....	3	0	0	0	3	0	6	3	0	0	13	92	0	108

**RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)**

Class I Railroads	9	1	0	27	6	0	43	14	0	0	387	517	2	920
Group II Railroads **	3	0	0	0	3	0	6	3	0	0	13	92	0	108
All Other Railroads	0	0	0	0	1	0	1	0	0	0	7	15	0	22
Total All Railroads	12	1	0	27	10	0	50	17	0	0	407	624	2	1,050

\*\* Group II Railroads: Railroads, excluding CLASS I, with annual accumulation of over 400,000 employee hours worked.

- EOD = Employee on duty
- ENOD = Employee not on duty
- PSGR = Passenger on train
- NONT = Non-trespasser
- TRES = Trespasser
- CONTR = Contractor

**TABLE 38. PART II: FATALITIES BY RAILROAD AND TYPE OF ACCIDENT/INCIDENT, 1995**

Railroad	<< N O N - T R A I N I N C I D E N T S >>							<<.....T O T A L S.....>>						
	Eod	Enod	Psgr	Nont	Tres	Contr	Total	Eod	Enod	Psgr	Nont	Tres	Contr	Total
<b>CLASS I RAILROADS</b>														
Amtrak (Nat'l Railroad Passenger Corp.)	0	0	0	0	1	0	1	1	1	0	7	115	0	124
Atchison, Topeka & Santa Fe Railway	0	0	0	0	0	1	1	4	0	0	41	34	1	80
Burlington Northern Railroad Co.	0	0	0	0	3	0	3	2	0	0	79	54	0	135
Chicago and North Western Railway Co.	0	0	0	0	1	0	1	0	0	0	12	26	1	39
Consolidated Rail Corp.	0	1	0	4	2	0	7	7	1	0	35	36	0	79
CSX Transportation	3	0	0	0	0	2	5	6	0	0	64	67	2	139
Denver & Rio Grande Western Railroad	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Grand Trunk Western Railroad Inc.	0	0	0	0	0	0	0	0	0	0	3	3	0	6
Illinois Central Railroad Co.	0	0	0	0	0	0	0	0	0	0	7	1	0	8
Kansas City Southern Railway Co.	0	0	0	0	0	0	0	0	0	0	12	7	0	19
Norfolk Southern Corp.	0	0	0	0	3	0	3	2	0	0	63	58	0	123
Soo Line Railroad Co.	0	0	0	0	0	0	0	0	0	0	7	2	0	9
Southern Pacific Transportation Co.	0	0	0	0	0	1	1	1	0	0	17	60	1	79
St. Louis Southwestern Railway Co.	0	0	0	0	0	0	0	0	0	0	11	3	0	14
Union Pacific Railroad Co.	1	0	0	3	5	0	9	4	0	0	63	70	1	138
Total Class I Railroads.....	4	1	0	7	15	4	31	27	2	0	421	538	6	994
<b>GROUP II RAILROADS **</b>														
Alton & Southern Railroad	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Railroad Corp.	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Bangor & Aroostook Railroad	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bessemer & Lake Erie Railroad Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Belt Railway Co. Of Chicago	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Birmingham Southern Railroad Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chicago, Central & Pacific Railroad	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Delaware & Hudson Railway Co.	0	0	0	0	0	0	0	0	0	0	0	4	0	4
Dakota, Minnesota & Eastern Railroad	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Duluth, Missabe & Iron Range Railway	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duluth, Winnipeg & Pacific Railway	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Elgin, Joliet & Eastern Railway Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida East Coast Railway Co.	0	0	0	0	0	0	0	0	0	0	3	15	0	18
Gateway Western Railway	0	0	0	0	0	0	0	2	0	0	0	0	0	2
Houston Belt & Terminal Railway Co.	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Indiana Harbor Belt Railroad Co.	0	0	0	0	1	0	1	0	0	0	0	3	0	3
Long Island Rail Road	0	0	0	0	1	0	1	0	0	0	0	17	0	17
Metro North Commuter Railroad Co.	0	0	0	0	3	0	3	1	0	0	0	14	0	15
Montana Rail Link	0	0	0	0	0	0	0	0	0	0	1	1	0	2
Northern Indiana Commuter Trans.	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Northeast Illinois Regional Comuter	0	0	0	0	1	0	1	0	0	0	2	7	0	9
New Jersey Transit Rail Operations	0	0	0	1	1	0	2	0	0	0	1	30	0	31
Paducah & Louisville Railway Co.	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Port Authority Trans Hudson	0	0	0	0	0	0	0	2	0	0	0	1	0	3
Port Terminal Railroad Assoc.	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Southeastern Pennsylvania Trans.	0	0	0	0	1	0	1	0	0	0	1	1	0	2
Southern Pacific, Chicago-St. Louis	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Springfield Terminal Railway Co.	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Terminal Railroad Assoc. Of State Dock	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Union Railroad Co. (Pittsburgh)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wisconsin Central Ltd. (also Railway)	0	0	0	1	0	0	1	1	0	0	5	4	0	10
Wheeling & Lake Erie Railway Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Group II Railroads **.....	0	0	0	2	8	0	10	6	0	0	15	103	0	124
<b>RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)</b>														
Class I Railroads	4	1	0	7	15	4	31	27	2	0	421	538	6	994
Group II Railroads **	0	0	0	2	8	0	10	6	0	0	15	103	0	124
All Other Railroads	1	0	0	0	3	1	5	1	0	0	7	19	1	28
Total All Railroads	5	1	0	9	26	5	46	34	2	0	443	660	7	1,146

\*\* Group II Railroads: Railroads, excluding CLASS I, with annual accumulation of over 400,000 employee hours worked.

EOD = Employee on duty  
 ENOD = Employee not on duty  
 PSGR = Passenger on train  
 NONT = Non-trespasser  
 TRES = Trespasser  
 CONTR = Contractor

**TABLE 39. PART I: NONFATAL CASUALTIES BY RAILROAD AND TYPE OF ACCIDENT/INCIDENT, 1995**

Railroad	<<....TRAIN ACCIDENTS....>>							<<....TRAIN INCIDENTS....>>						
	Eod	Enod	Psgr	Nont	Tres	Contr	Total	Eod	Enod	Psgr	Nont	Tres	Contr	Total
<b>CLASS I RAILROADS</b>														
Amtrak (Nat'l Railroad Passenger Corp.)	33	12	55	0	0	0	100	170	8	22	14	23	0	237
Atchison, Topeka & Santa Fe Railway	11	0	0	6	0	0	17	24	0	0	81	31	1	137
Burlington Northern Railroad Co.	33	0	0	5	0	0	38	116	0	64	151	65	0	396
Chicago and North Western Railway Co.	4	0	0	32	0	0	36	19	0	7	45	15	1	87
Consolidated Rail Corp.	11	0	0	0	0	0	11	94	0	0	35	44	2	175
CSX Transportation	18	0	0	6	1	0	25	58	0	0	205	81	0	344
Denver & Rio Grande Western Railroad	2	0	0	0	0	0	2	12	0	0	13	4	0	29
Grand Trunk Western Railroad Inc.	5	0	0	0	0	0	5	29	0	0	26	4	0	59
Illinois Central Railroad Co.	6	0	0	0	1	0	7	15	0	0	37	12	0	64
Kansas City Southern Railway Co.	6	0	0	4	0	0	10	15	0	0	86	5	0	106
Norfolk Southern Corp.	26	0	0	5	0	0	31	41	0	0	170	74	4	289
Soo Line Railroad Co.	2	0	0	1	0	0	3	44	0	0	20	13	0	77
Southern Pacific Transportation Co.	12	0	0	1	1	0	14	91	0	0	69	50	0	210
St. Louis Southwestern Railway Co.	2	0	0	1	0	0	3	15	0	0	31	5	1	52
Union Pacific Railroad Co.	25	0	0	6	0	0	31	194	1	1	204	95	0	495
Total Class I Railroads.....	196	12	55	67	3	0	333	937	9	94	1,187	521	9	2,757
<b>GROUP II RAILROADS **</b>														
Alton & Southern Railroad	1	0	0	0	0	0	1	6	0	0	0	0	0	6
Alaska Railroad Corp.	0	0	0	0	0	0	0	2	0	0	0	6	2	10
Bangor & Aroostook Railroad	0	0	0	0	0	0	0	3	0	0	2	0	0	5
Bessemer & Lake Erie Railroad Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Belt Railway Co. Of Chicago	0	0	0	0	0	0	0	4	0	0	1	0	0	5
Birmingham Southern Railroad Co.	0	0	0	0	0	0	0	4	0	0	0	0	0	4
Chicago, Central & Pacific Railroad	1	0	0	0	0	0	1	6	0	0	14	1	0	21
Delaware & Hudson Railway Co.	0	0	0	0	0	0	0	3	0	0	1	5	0	9
Dakota, Minnesota & Eastern Railroad	3	0	0	1	0	0	4	2	0	0	8	0	0	10
Duluth, Missabe & Iron Range Railway	1	0	0	0	0	0	1	8	0	0	0	0	0	8
Duluth, Winnipeg & Pacific Railway	0	0	0	0	0	0	0	0	0	0	2	0	0	2
Elgin, Joliet & Eastern Railway Co.	0	0	0	0	0	0	0	6	0	0	3	0	0	9
Florida East Coast Railway Co.	1	0	0	0	0	0	1	10	0	0	1	21	0	32
Gateway Western Railway	1	0	0	0	0	0	1	1	0	0	1	0	0	2
Houston Belt & Terminal Railway Co.	0	0	0	0	0	0	0	5	0	0	1	0	0	6
Indiana Harbor Belt Railroad Co.	1	0	0	0	0	0	1	10	0	0	0	9	0	19
Long Island Rail Road	5	0	10	0	1	0	16	28	0	10	2	7	0	47
Metro North Commuter Railroad Co.	5	0	0	0	0	0	5	41	0	0	0	5	0	46
Montana Rail Link	0	0	0	0	0	0	0	13	0	0	3	3	0	19
Northern Indiana Commuter Transp.	0	0	0	0	0	0	0	1	0	1	1	0	0	3
Northeast Illinois Regional Comuter	0	0	0	0	0	0	0	8	0	50	5	1	0	64
New Jersey Transit Rail Operations	1	0	0	0	0	0	1	9	0	9	0	6	1	25
Paducah & Louisville Railway Co.	0	0	0	0	0	0	0	3	0	0	2	1	0	6
Port Authority Trans Hudson	0	0	0	0	0	0	0	17	0	2	0	0	0	19
Port Terminal Railroad Assoc.	0	0	0	0	0	0	0	1	0	0	2	0	0	3
Southeastern Pennsylvania Transp.	2	0	0	1	0	0	3	33	0	4	0	3	0	40
Southern Pacific, Chicago-St. Louis	0	0	0	0	0	0	0	1	0	0	1	1	0	3
Springfield Terminal Railway Co.	0	0	0	0	0	0	0	3	0	0	0	2	0	5
Terminal Railroad Assoc. Of State Dock	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Union Railroad Co. (Pittsburgh)	0	0	0	0	0	0	0	6	0	0	0	0	0	6
Wisconsin Central Ltd. (also Railway)	4	0	0	4	0	0	8	34	0	0	36	4	0	74
Wheeling & Lake Erie Railway Co.	0	0	0	0	0	0	0	1	0	0	11	0	0	12
Total Group II Railroads **.....	26	0	10	6	1	0	43	270	0	76	97	75	3	521
<b>RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)</b>														
Class I Railroads	196	12	55	67	3	0	333	937	9	94	1,187	521	9	2,757
Group II Railroads **	26	0	10	6	1	0	43	270	0	76	97	75	3	521
All Other Railroads	26	0	54	6	1	1	88	167	0	21	131	28	3	350
Total All Railroads	248	12	119	79	5	1	464	1,374	9	191	1,415	624	15	3,628

\*\* Group II Railroads: railroads, excluding Class I, with annual accumulation of over 400,000 employee hours worked.

EOD = Employee on duty  
 ENOD = Employee not on duty  
 PSGR = Passenger on train  
 NONT = Non-trespasser  
 TRES = Trespasser  
 CONTR = Contractor

TABLE 39. PART II: NONFATAL CASUALTIES BY RAILROAD AND TYPE OF ACCIDENT/INCIDENT, 1995

Railroad	<< N O N - T R A I N I N C I D E N T S >>							<<.....T O T A L S.....>>						
	Eod	Enod	Psgr	Nont	Tres	Contr	Total	Eod	Enod	Psgr	Nont	Tres	Contr	Total
<b>CLASS I RAILROADS</b>														
Amtrak (Nat'l Railroad Passenger Corp.)	1,079	44	29	26	0	1	1,179	1,282	64	106	40	23	1	1,516
Atchison, Topeka & Santa Fe Railway	225	9	0	1	3	20	258	260	9	0	88	34	21	412
Burlington Northern Railroad Co.	770	19	12	7	9	15	832	919	19	76	163	74	15	1,266
Chicago and North Western Railway Co.	178	3	21	12	1	0	215	201	3	28	89	16	1	338
Consolidated Rail Corp.	724	27	0	10	7	18	786	829	27	0	45	51	20	972
CSX Transportation	421	29	0	9	1	4	464	497	29	0	220	83	4	833
Denver & Rio Grande Western Railroad	111	2	0	0	0	0	113	125	2	0	13	4	0	144
Grand Trunk Western Railroad Inc.	186	2	0	2	0	0	190	220	2	0	28	4	0	254
Illinois Central Railroad Co.	69	1	0	1	0	0	71	90	1	0	38	13	0	142
Kansas City Southern Railway Co.	63	0	0	5	0	0	68	84	0	0	95	5	0	184
Norfolk Southern Corp.	293	13	0	12	7	76	401	360	13	0	187	81	80	721
Soo Line Railroad Co.	388	6	0	5	1	0	400	434	6	0	26	14	0	480
Southern Pacific Transportation Co.	473	7	0	4	3	1	488	576	7	0	74	54	1	712
St. Louis Southwestern Railway Co.	74	6	0	0	1	1	82	91	6	0	32	6	2	137
Union Pacific Railroad Co.	871	26	2	22	7	6	934	1,090	27	3	232	102	6	1,460
Total Class I Railroads.....	5,925	194	64	116	40	142	6,481	7,058	215	213	1,370	564	151	9,571
<b>GROUP II RAILROADS **</b>														
Alton & Southern Railroad	12	0	0	0	0	0	12	19	0	0	0	0	0	19
Alaska Railroad Corp.	34	0	2	0	0	1	37	36	0	2	0	6	3	47
Bangor & Aroostook Railroad	30	0	0	0	0	0	30	33	0	0	2	0	0	35
Bessemer & Lake Erie Railroad Co.	16	0	0	0	0	0	16	16	0	0	0	0	0	16
Belt Railway Co. Of Chicago	10	0	0	0	0	0	10	14	0	0	1	0	0	15
Birmingham Southern Railroad Co.	8	0	0	0	0	0	8	12	0	0	0	0	0	12
Chicago, Central & Pacific Railroad	40	0	0	5	0	0	45	47	0	0	19	1	0	67
Delaware & Hudson Railway Co.	37	0	0	0	1	0	38	40	0	0	1	6	0	47
Dakota, Minnesota & Eastern Railroad	20	0	0	0	0	0	20	25	0	0	9	0	0	34
Duluth, Missabe & Iron Range Railway	38	0	0	0	0	0	38	47	0	0	0	0	0	47
Duluth, Winnipeg & Pacific Railway	5	0	0	0	0	0	5	5	0	0	2	0	0	7
Elgin, Joliet & Eastern Railway Co.	12	0	0	0	0	0	12	18	0	0	3	0	0	21
Florida East Coast Railway Co.	28	0	0	0	4	0	32	39	0	0	1	25	0	65
Gateway Western Railway	12	0	0	0	0	0	12	14	0	0	1	0	0	15
Houston Belt & Terminal Railway Co.	11	0	0	0	0	0	11	16	0	0	1	0	0	17
Indiana Harbor Belt Railroad Co.	60	1	0	0	4	0	65	71	1	0	0	13	0	85
Long Island Rail Road	551	10	34	76	3	6	680	584	10	54	78	11	6	743
Metro North Commuter Railroad Co.	478	13	1	4	2	26	524	524	13	1	4	7	26	575
Montana Rail Link	45	0	0	0	0	0	45	58	0	0	3	3	0	64
Northern Indiana Commuter Transp.	50	0	2	2	0	0	54	51	0	3	3	0	0	57
Northeast Illinois Regional Comuter	115	1	40	6	2	6	170	123	1	90	11	3	6	234
New Jersey Transit Rail Operations	76	5	40	51	3	2	177	86	5	49	51	9	3	203
Paducah & Louisville Railway Co.	22	0	0	0	0	0	22	25	0	0	2	1	0	28
Port Authority Trans Hudson	112	1	14	72	0	0	199	129	1	16	72	0	0	218
Port Terminal Railroad Assoc.	10	0	0	0	0	0	10	11	0	0	2	0	0	13
Southeastern Pennsylvania Transp.	196	0	31	28	1	0	256	231	0	35	29	4	0	299
Southern Pacific, Chicago-St. Louis	10	2	0	0	0	0	12	11	2	0	1	1	0	15
Springfield Terminal Railway Co.	24	0	0	0	0	0	24	27	0	0	0	2	0	29
Terminal Railroad Assoc. Of State Dock	9	1	0	0	0	0	10	10	1	0	0	0	0	11
Union Railroad Co. (Pittsburgh)	13	0	0	0	0	0	13	19	0	0	0	0	0	19
Wisconsin Central Ltd. (also Railway)	107	0	0	4	1	0	112	145	0	0	44	5	0	194
Wheeling & Lake Erie Railway Co.	10	0	0	0	0	0	10	11	0	0	11	0	0	22
Total Group II Railroads **.....	2,201	34	164	248	21	41	2,709	2,497	34	250	351	97	44	3,273
<b>RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)</b>														
Class I Railroads	5,925	194	64	116	40	142	6,481	7,058	215	213	1,370	564	151	9,571
Group II Railroads **	2,201	34	164	248	21	41	2,709	2,497	34	250	351	97	44	3,273
All Other Railroads	1,029	3	35	11	10	70	1,158	1,222	3	110	148	39	74	1,596
Total All Railroads	9,155	231	263	375	71	253	10,348	10,777	252	573	1,869	700	269	14,440

\*\* Group II Railroads: railroads, excluding Class I, with annual accumulation of over 400,000 employee hours worked.

EOD = Employee on duty  
 ENOD = Employee not on duty  
 PSGR = Passenger on train  
 NONT = Non-trespasser  
 TRES = Trespasser  
 CONTR = Contractor

**TABLE 40. PART I: INJURIES TO EMPLOYEES ON DUTY BY TYPE OF INJURY AND RAILROAD, 1995**

Railroad	<<.....A M P U T A T I O N S.....>>						<<.....F R A C T U R E S.....>>					
	Arm/ Hand	Finger	Leg/ Foot	Toe	Other Part	Total	Arm/ Hand	Finger	Leg/ Foot	Toe	Other Part	Total
<b>CLASS I RAILROADS</b>												
Amtrak (Nat'l Railroad Passenger Corp)	0	2	0	1	0	3	14	15	14	5	5	53
Atchison, Topeka & Santa Fe Railway	0	2	0	0	0	2	7	9	7	2	5	30
Burlington Northern Railroad Co.	0	3	3	0	0	6	8	27	22	2	22	81
Chicago and North Western Railway Co.	0	1	1	0	0	2	4	10	8	1	2	25
Consolidated Rail Corp.	0	2	1	1	0	4	14	19	14	4	11	62
CSX Transportation	1	1	1	0	0	3	11	17	16	9	9	62
Denver & Rio Grande Western Railroad	0	2	0	0	0	2	2	2	2	3	2	11
Grand Trunk Western Railroad Inc.	0	0	1	0	0	1	1	2	7	1	3	14
Illinois Central Railroad Co.	0	3	2	1	0	6	1	2	6	3	2	14
Kansas City Southern Railway Co.	0	0	0	0	0	0	0	2	2	1	3	8
Norfolk Southern Corp.	1	0	0	0	0	1	9	13	6	4	12	44
Soo Line Railroad Co.	0	0	0	0	0	0	5	6	5	0	2	18
Southern Pacific Transportation Co.	0	0	0	0	0	0	12	17	10	3	9	51
St. Louis Southwestern Railway Co.	0	1	0	0	0	1	5	3	1	0	0	9
Union Pacific Railroad Co.	1	1	0	0	0	2	17	37	15	5	19	93
Total Class I Railroads.....	3	18	9	3	0	33	110	181	135	43	106	575
<b>GROUP II RAILROADS **</b>												
Alton & Southern Railroad	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Railroad Corp.	0	0	0	0	0	0	0	0	0	0	0	0
Bangor & Aroostook Railroad	0	0	0	0	0	0	1	0	1	1	0	3
Bessemer & Lake Erie Railroad Co.	0	0	0	0	0	0	1	0	0	0	0	1
Belt Railway Co. Of Chicago	0	1	0	0	0	1	0	0	0	0	0	0
Birmingham Southern Railroad Co.	0	0	0	0	0	0	1	0	1	0	1	3
Chicago, Central & Pacific Railroad	0	1	0	0	0	1	0	1	2	0	2	5
Delaware & Hudson Railway Co.	0	0	0	0	0	0	0	0	1	0	0	1
Dakota, Minnesota & Eastern Railroad	0	0	0	1	0	1	1	0	1	0	0	2
Duluth, Missabe & Iron Range Railway	0	0	0	0	0	0	0	2	0	0	0	2
Duluth, Winnipeg & Pacific Railway	0	0	0	0	0	0	0	1	0	0	0	1
Elgin, Joliet & Eastern Railway Co.	0	0	0	0	0	0	1	1	0	0	0	2
Florida East Coast Railway Co.	0	1	0	0	0	1	1	1	1	0	0	3
Gateway Western Railway	0	0	0	0	0	0	0	1	0	0	0	1
Houston Belt & Terminal Railway Co.	0	1	0	0	0	1	0	0	0	0	0	0
Indiana Harbor Belt Railroad Co.	0	0	0	0	0	0	3	1	1	0	2	7
Long Island Rail Road	0	0	0	0	0	0	2	3	4	0	3	12
Metro North Commuter Railroad Co.	0	0	0	0	0	0	5	8	4	3	2	22
Montana Rail Link	0	0	0	0	0	0	0	1	3	0	2	6
Northern Indiana Commuter Transp.	0	0	0	0	0	0	0	0	0	0	0	0
Northeast Illinois Regional Commuter	0	0	0	0	0	0	3	5	3	2	2	15
New Jersey Transit Rail Operations	0	0	0	0	0	0	0	1	5	1	1	8
Paducah & Louisville Railway Co.	0	1	0	0	0	1	0	0	1	0	0	1
Port Authority Trans Hudson	0	0	0	0	0	0	2	1	2	1	2	8
Port Terminal Railroad Assoc.	0	0	0	0	0	0	0	0	0	0	1	1
Southeastern Pennsylvania Transp.	0	1	0	0	0	1	6	3	3	0	1	13
Southern Pacific, Chicago-St. Louis	0	0	0	0	0	0	0	0	1	0	0	1
Springfield Terminal Railway Co.	0	0	0	0	0	0	1	3	1	0	0	5
Terminal Railroad Assoc. Of State Dock	0	0	0	0	0	0	1	1	0	0	0	2
Union Railroad Co. (Pittsburgh)	0	0	0	0	0	0	0	0	0	0	1	1
Wisconsin Central Ltd. (also Railway)	0	0	1	0	0	1	5	2	3	1	2	13
Wheeling & Lake Erie Railway Co.	0	0	0	0	0	0	0	0	0	0	0	0
Total Group II Railroads **.....	0	6	1	1	0	8	34	36	38	9	22	139
<b>RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)</b>												
Class I Railroads	3	18	9	3	0	33	110	181	135	43	106	575
Group II Railroads **	0	6	1	1	0	8	34	36	38	9	22	139
All Other Railroads	0	3	3	0	0	6	19	28	20	8	20	95
Total All Railroads	3	27	13	4	0	47	163	245	193	60	148	809

\*\* Group II Railroads: Railroads, excluding Class I, with annual accumulation of over 400,000 employee hours worked.

**TABLE 40. PART II: INJURIES TO EMPLOYEES ON DUTY BY TYPE OF INJURY AND RAILROAD, 1995**

Railroad	<<..... O T H E R I N J U R I E S .....>>							Other	Total	TOTALS
	Bruise	Sprain/ Strain	Cut	Elec Burn	Other Burns	Dislo- cation	Object in-eye			
<b>CLASS I RAILROADS</b>										
Amtrak (Nat'l Railroad Passenger Corp.)	313	587	182	13	18	5	28	69	1,215	1,271
Atchison, Topeka & Santa Fe Railway	37	121	27	1	3	3	9	23	224	256
Burlington Northern Railroad Co.	101	443	139	4	9	7	23	81	807	894
Chicago and North Western Railway Co.	19	89	26	0	2	3	2	28	169	196
Consolidated Rail Corp.	111	449	104	3	4	6	20	45	742	808
CSX Transportation	63	253	53	2	5	5	9	37	427	492
Denver & Rio Grande Western Railroad	12	55	10	0	3	1	2	12	95	108
Grand Trunk Western Railroad Inc.	31	117	17	0	6	0	8	16	195	210
Illinois Central Railroad Co.	11	25	17	1	1	1	4	8	68	88
Kansas City Southern Railway Co.	18	42	7	0	0	2	2	5	76	84
Norfolk Southern Corp.	47	171	58	0	5	1	10	20	312	357
Soo Line Railroad Co.	50	283	38	1	3	1	17	21	414	432
Southern Pacific Transportation Co.	93	276	58	2	8	4	21	42	504	555
St. Louis Southwestern Railway Co.	15	47	8	0	0	1	3	7	81	91
Union Pacific Railroad Co.	132	519	101	0	14	70	0	142	978	1,073
Total Class I Railroads.....	1,053	3,477	845	27	81	110	158	556	6,307	6,915
<b>GROUP II RAILROADS **</b>										
Alton & Southern Railroad	4	7	6	0	1	0	0	1	19	19
Alaska Railroad Corp.	6	19	4	0	1	0	1	3	34	34
Bangor & Aroostook Railroad	5	16	3	0	1	0	4	1	30	33
Bessemer & Lake Erie Railroad Co.	1	6	6	0	0	0	1	0	14	15
Belt Railway Co. Of Chicago	1	8	2	0	0	0	1	1	13	14
Birmingham Southern Railroad Co.	1	3	3	0	0	0	1	1	9	12
Chicago, Central & Pacific Railroad	6	22	6	0	0	0	2	2	38	44
Delaware & Hudson Railway Co.	6	24	4	0	1	0	0	4	39	40
Dakota, Minnesota & Eastern Railroad	8	9	5	0	0	0	0	0	22	25
Duluth, Missabe & Iron Range Railway	5	31	5	0	1	0	2	0	44	46
Duluth, Winnipeg & Pacific Railway	1	2	1	0	0	0	0	0	4	5
Elgin, Joliet & Eastern Railway Co.	3	7	1	0	1	0	3	1	16	18
Florida East Coast Railway Co.	4	22	1	0	0	0	2	5	34	38
Gateway Western Railway	4	3	2	0	0	0	0	3	12	13
Houston Belt & Terminal Railway Co.	2	10	3	0	0	0	0	0	15	16
Indiana Harbor Belt Railroad Co.	9	38	11	0	0	0	1	5	64	71
Long Island Rail Road	91	322	59	10	3	1	27	33	546	558
Metro North Commuter Railroad Co.	100	240	68	5	6	5	12	26	462	484
Montana Rail Link	10	23	11	0	0	1	3	3	51	57
Northern Indiana Commuter Transp.	5	22	4	1	0	0	4	15	51	51
Northeast Illinois Regional Comuter	16	60	15	3	3	2	1	3	103	118
New Jersey Transit Rail Operations	10	42	12	1	1	0	2	10	78	86
Paducah & Louisville Railway Co.	3	14	4	0	0	0	0	2	23	25
Port Authority Trans Hudson	37	57	7	4	1	1	4	7	118	126
Port Terminal Railroad Assoc.	1	5	2	0	0	0	0	2	10	11
Southeastern Pennsylvania Transp.	33	105	29	2	1	0	13	31	214	228
Southern Pacific, Chicago-St. Louis	2	5	1	0	0	0	0	2	10	11
Springfield Terminal Railway Co.	4	4	7	1	1	0	3	2	22	27
Terminal Railroad Assoc. Of State Dock	0	5	1	0	1	0	0	1	8	10
Union Railroad Co. (Pittsburgh)	2	8	5	0	0	0	2	1	18	19
Wisconsin Central Ltd. (also Railway)	14	77	11	0	2	0	11	9	124	138
Wheeling & Lake Erie Railway Co.	0	8	1	0	0	0	1	1	11	11
Total Group II Railroads **.....	394	1,224	300	27	25	10	101	175	2,256	2,403
<b>RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)</b>										
Class I Railroads	1,053	3,477	845	27	81	110	158	556	6,307	6,915
Group II Railroads **	394	1,224	300	27	25	10	101	175	2,256	2,403
All Other Railroads	162	502	204	9	27	7	98	95	1,104	1,205
Total All Railroads	1,609	5,203	1,349	63	133	127	357	826	9,667	10,523

\*\* Group II Railroads: Railroads, excluding Class I, with annual accumulation of over 400,000 employee hours worked.

**TABLE 41: CASUALTIES IN TRAIN ACCIDENTS BY RAILROAD, 1995**

Railroad	< COLLISIONS >		< DERAILMENTS >		<... OTHER... >		< T O T A L S >		Rate*	Train Miles
	Killed/Injured		Killed/Injured		Killed/Injured		Killed/Injured			
<b>CLASS I RAILROADS</b>										
Amtrak (Nat'l Railroad Passenger Corp.)	0	12	1	41	3	47	4	100	2.73	38,146,902
Atchison, Topeka & Santa Fe Railway	1	8	0	4	4	5	5	17	0.43	51,563,126
Burlington Northern Railroad Co.	0	11	1	8	3	19	4	38	0.45	94,331,270
Chicago and North Western Railway Co.	0	2	0	0	8	34	8	36	2.34	18,826,391
Consolidated Rail Corp.	3	8	0	3	0	0	3	11	0.31	45,069,024
CSX Transportation	0	8	0	3	2	14	2	25	0.32	83,231,869
Denver & Rio Grande Western Railroad	0	0	0	1	0	1	0	2	0.29	6,910,218
Grand Trunk Western Railroad Inc.	0	0	0	5	0	0	0	5	0.97	5,138,297
Illinois Central Railroad Co.	0	3	0	0	1	4	1	7	0.94	8,494,179
Kansas City Southern Railway Co.	0	0	0	0	1	10	1	10	1.37	8,049,140
Norfolk Southern Corp.	0	6	0	2	5	23	5	31	0.58	62,224,721
Soo Line Railroad Co.	0	2	0	1	1	0	1	3	0.37	10,902,415
Southern Pacific Transportation Co.	0	4	0	3	4	7	4	14	0.43	41,846,417
St. Louis Southwestern Railway Co.	0	0	0	0	0	3	0	3	0.30	9,839,293
Union Pacific Railroad Co.	2	9	0	7	3	15	5	31	0.36	99,702,592
Total Class I Railroads.....	6	73	2	78	35	182	43	333	0.64	584,275,854
<b>GROUP II RAILROADS **</b>										
Alton & Southern Railroad	0	1	0	0	0	0	0	1	1.33	753,999
Alaska Railroad Corp.	0	0	0	0	0	0	0	0	0.00	809,437
Bangor & Aroostook Railroad	0	0	0	0	0	0	0	0	0.00	461,206
Bessemer & Lake Erie Railroad Co.	0	0	0	0	0	0	0	0	0.00	176,536
Belt Railway Co. Of Chicago	0	0	0	0	0	0	0	0	0.00	389,403
Birmingham Southern Railroad Co.	0	0	0	0	0	0	0	0	0.00	101,579
Chicago, Central & Pacific Railroad	0	1	0	0	0	0	0	1	1.02	985,088
Delaware & Hudson Railway Co.	0	0	0	0	0	0	0	0	0.00	1,970,950
Dakota, Minnesota & Eastern Railroad	0	0	0	1	0	3	0	4	6.13	652,085
Duluth, Missabe & Iron Range Railway	0	0	0	1	0	0	1	1	1.14	877,501
Duluth, Winnipeg & Pacific Railway	0	0	0	0	0	0	0	0	0.00	663,741
Elgin, Joliet & Eastern Railway Co.	0	0	0	0	0	0	0	0	0.00	591,336
Florida East Coast Railway Co.	0	1	0	0	0	0	0	1	0.31	3,211,011
Gateway Western Railway	0	0	0	0	2	1	2	1	2.90	1,032,887
Houston Belt & Terminal Railway Co.	0	0	0	0	0	0	0	0	0.00	872,706
Indiana Harbor Belt Railroad Co.	0	1	0	0	0	0	0	1	0.68	1,468,186
Long Island Rail Road	0	1	0	0	2	15	2	16	2.20	8,188,318
Metro North Commuter Railroad Co.	0	0	0	3	0	2	0	5	0.64	7,834,671
Montana Rail Link	0	0	0	0	0	0	0	0	0.00	4,168,993
Northern Indiana Commuter Transp.	0	0	0	0	0	0	0	0	0.00	712,034
Northeast Illinois Regional Commuter	0	0	0	0	0	0	0	0	0.00	3,598,995
New Jersey Transit Rail Operations	0	1	0	0	1	0	1	1	0.27	7,546,969
Paducah & Louisville Railway Co.	0	0	0	0	0	0	0	0	0.00	654,114
Port Authority Trans Hudson	0	0	0	0	0	0	0	0	0.00	1,977,626
Port Terminal Railroad Assoc.	0	0	0	0	0	0	0	0	0.00	1,051,824
Southeastern Pennsylvania Transp.	0	1	0	0	0	2	0	3	0.59	5,050,245
Southern Pacific, Chicago-St. Louis	0	0	0	0	0	0	0	0	0.00	1,613,576
Springfield Terminal Railway Co.	0	0	0	0	0	0	0	0	0.00	1,068,521
Terminal Railroad Assoc. Of State Dock	0	0	0	0	0	0	0	0	0.00	505,555
Union Railroad Co. (Pittsburgh)	0	0	0	0	0	0	0	0	0.00	148,402
Wisconsin Central Ltd. (also Railway)	1	2	0	0	0	6	1	8	2.07	4,347,442
Wheeling & Lake Erie Railway Co.	0	0	0	0	0	0	0	0	0.00	549,887
Total Group II Railroads **.....	1	9	0	5	5	29	6	43	0.77	64,034,823
<b>RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)</b>										
Class I Railroads	6	73	2	78	35	182	43	333	0.64	584,275,854
Group II Railroads **	1	9	0	5	5	29	6	43	0.77	64,034,823
All Other Railroads	0	69	0	7	1	12	1	88	4.14	21,512,587
Total All Railroads	7	151	2	90	41	223	50	464	0.77	669,823,264

\* NOTE: Injured columns include non-fatal occupational illnesses. Rate is frequency per 1,000,000 train miles.

\*\* GROUP II Railroads: Railroads, excluding CLASS I, with annual accumulation of over 400,000 employee hours worked.



**TABLE 42. PART I: CASUALTIES TO EMPLOYEES ON-DUTY BY JOB CATEGORY AND RAILROAD, 1995**

Railroad	I. Exec Office Staff		II. Prof, Clerical, Gen		III. Maintenance of		IV. Maintenance of		
	Killed/Injured	Illness	Killed/Injured	Illness	Way & Structures	Killed/Injured	Illness	Equipment & Stores	
	Killed/Injured	Illness	Killed/Injured	Illness	Killed/Injured	Illness	Killed/Injured	Illness	
<b>CLASS I RAILROADS</b>									
Amtrak (Nat'l Railroad Passenger Corp.)	0	81	0	0	244	1	0	386	5
Atchison, Topeka & Santa Fe Railway	0	6	0	2	94	2	0	30	0
Burlington Northern Railroad Co.	0	35	3	2	284	8	0	193	10
Chicago and North Western Railway Co.	0	7	0	0	60	3	0	55	2
Consolidated Rail Corp.	0	36	0	0	174	1	0	165	2
CSX Transportation	0	22	0	2	119	5	1	71	0
Denver & Rio Grande Western Railroad	0	8	1	0	16	1	0	30	13
Grand Trunk Western Railroad Inc.	0	5	0	0	40	1	0	52	3
Illinois Central Railroad Co.	0	1	0	0	34	2	0	17	0
Kansas City Southern Railway Co.	0	3	0	0	28	0	0	11	0
Norfolk Southern Corp.	0	17	0	0	78	1	0	124	0
Soo Line Railroad Co.	0	9	0	0	137	2	0	72	0
Southern Pacific Transportation Co.	0	65	6	0	99	4	0	91	4
St. Louis Southwestern Railway Co.	0	1	0	0	15	0	0	20	0
Union Pacific Railroad Co.	0	47	2	2	248	3	0	241	10
Total Class I Railroads.....	0	343	12	8	1,670	34	1	1,558	49
<b>GROUP II RAILROADS **</b>									
Alton & Southern Railroad	0	0	0	0	2	0	0	2	0
Alaska Railroad Corp.	0	2	0	0	11	2	0	9	0
Bangor & Aroostook Railroad	0	0	0	0	14	0	0	13	0
Bessemer & Lake Erie Railroad Co.	0	2	1	0	7	0	0	6	0
Belt Railway Co. Of Chicago	0	0	0	0	4	0	0	2	0
Birmingham Southern Railroad Co.	0	0	0	0	2	0	0	3	0
Chicago, Central & Pacific Railroad	0	0	0	0	12	2	0	8	1
Delaware & Hudson Railway Co.	0	0	0	0	17	0	0	10	0
Dakota, Minnesota & Eastern Railroad	0	0	0	0	7	0	0	3	0
Duluth, Missabe & Iron Range Railway	0	0	0	0	21	1	0	11	0
Duluth, Winnipeg & Pacific Railway	0	0	0	0	2	0	0	2	0
Elgin, Joliet & Eastern Railway Co.	0	0	0	0	5	0	0	1	0
Florida East Coast Railway Co.	0	5	0	0	5	0	0	6	0
Gateway Western Railway	0	0	0	0	2	0	0	1	0
Houston Belt & Terminal Railway Co.	0	0	0	0	3	0	0	1	0
Indiana Harbor Belt Railroad Co.	0	0	0	0	19	0	0	17	0
Long Island Rail Road	0	72	9	0	154	4	0	189	12
Metro North Commuter Railroad Co.	0	87	8	1	153	7	0	164	5
Montana Rail Link	0	2	1	0	14	0	0	7	0
Northern Indiana Commuter Transp.	0	0	0	0	34	0	0	12	0
Northeast Illinois Regional Comuter	0	19	2	0	41	2	0	24	1
New Jersey Transit Rail Operations	0	1	0	0	35	0	0	12	0
Paducah & Louisville Railway Co.	0	0	0	0	9	0	0	5	0
Port Authority Trans Hudson	0	2	0	2	51	1	0	38	1
Port Terminal Railroad Assoc.	0	0	0	0	2	0	0	1	0
Southeastern Pennsylvania Transp.	0	2	1	0	81	0	0	34	1
Southern Pacific, Chicago-St. Louis	0	0	0	0	6	0	0	0	0
Springfield Terminal Railway Co.	0	0	0	0	13	0	0	7	0
Terminal Railroad Assoc. Of State Dock	0	0	0	0	4	0	0	3	0
Union Railroad Co. (Pittsburgh)	0	0	0	0	8	0	0	2	0
Wisconsin Central Ltd. (also Railway)	0	0	0	0	38	1	0	25	1
Wheeling & Lake Erie Railway Co.	0	0	0	0	8	0	0	1	0
Total Group II Railroads **.....	0	194	22	3	784	20	0	619	22
<b>RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)</b>									
Class I Railroads	0	343	12	8	1,670	34	1	1,558	49
Group II Railroads **	0	194	22	3	784	20	0	619	22
All Other Railroads	0	25	1	1	429	2	0	258	4
Total All Railroads	0	562	35	12	2,883	56	1	2,435	75

\*\* GROUP II Railroads: Railroads, excluding CLASS I, with annual accumulation of over 400,000 employee hours worked.

**TABLE 42. PART II: CASUALTIES TO EMPLOYEES ON-DUTY BY JOB CATEGORY AND RAILROAD, 1995**

Railroad	V. Transportation Non-train & Engine			VI. Transportation Train & Engine		
	Killed	Injured	Illness	Killed	Injured	Illness
<b>CLASS I RAILROADS</b>						
Amtrak (Nat'l Railroad Passenger Corp.)	0	348	4	1	212	1
Atchison, Topeka & Santa Fe Railway	0	2	0	2	124	2
Burlington Northern Railroad Co.	0	5	0	0	377	4
Chicago and North Western Railway Co.	0	8	0	0	66	0
Consolidated Rail Corp.	0	38	1	7	395	17
CSX Transportation	0	4	0	3	276	0
Denver & Rio Grande Western Railroad	0	1	0	0	53	2
Grand Trunk Western Railroad Inc.	0	4	0	0	109	6
Illinois Central Railroad Co.	0	1	0	0	35	0
Kansas City Southern Railway Co.	0	0	0	0	42	0
Norfolk Southern Corp.	0	5	0	2	133	2
Soo Line Railroad Co.	0	3	0	0	211	0
Southern Pacific Transportation Co.	0	10	1	1	290	6
St. Louis Southwestern Railway Co.	0	2	0	0	53	0
Union Pacific Railroad Co.	0	12	0	2	525	2
Total Class I Railroads.....	0	443	6	18	2,901	42
<b>GROUP II RAILROADS **</b>						
Alton & Southern Railroad	0	0	0	0	15	0
Alaska Railroad Corp.	0	1	0	0	11	0
Bangor & Aroostook Railroad	0	0	0	0	6	0
Bessemer & Lake Erie Railroad Co.	0	0	0	0	0	0
Belt Railway Co. Of Chicago	0	0	0	0	8	0
Birmingham Southern Railroad Co.	0	1	0	0	6	0
Chicago, Central & Pacific Railroad	0	0	0	0	24	0
Delaware & Hudson Railway Co.	0	0	0	0	13	0
Dakota, Minnesota & Eastern Railroad	0	0	0	0	15	0
Duluth, Missabe & Iron Range Railway	0	0	0	0	14	0
Duluth, Winnipeg & Pacific Railway	0	0	0	0	1	0
Elgin, Joliet & Eastern Railway Co.	0	2	0	0	10	0
Florida East Coast Railway Co.	0	2	0	0	20	1
Gateway Western Railway	0	1	0	2	9	1
Houston Belt & Terminal Railway Co.	0	0	0	0	12	0
Indiana Harbor Belt Railroad Co.	0	2	0	0	33	0
Long Island Rail Road	0	11	1	0	132	0
Metro North Commuter Railroad Co.	0	5	0	0	75	20
Montana Rail Link	0	0	0	0	34	0
Northern Indiana Commuter Transp.	0	0	0	0	5	0
Northeast Illinois Regional Commuter	0	4	0	0	30	0
New Jersey Transit Rail Operations	0	0	0	0	38	0
Paducah & Louisville Railway Co.	0	0	0	0	11	0
Port Authority Trans Hudson	0	4	1	0	31	0
Port Terminal Railroad Assoc.	0	0	0	0	8	0
Southeastern Pennsylvania Transp.	0	20	0	0	91	1
Southern Pacific, Chicago-St. Louis	0	0	0	0	5	0
Springfield Terminal Railway Co.	0	0	0	0	7	0
Terminal Railroad Assoc. Of State Dock	0	0	0	0	3	0
Union Railroad Co. (Pittsburgh)	0	1	0	0	8	0
Wisconsin Central Ltd. (also Railway)	0	1	0	1	74	5
Wheeling & Lake Erie Railway Co.	0	0	0	0	2	0
Total Group II Railroads **.....	0	55	2	3	751	28
<b>RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)</b>						
Class I Railroads	0	443	6	18	2,901	42
Group II Railroads **	0	55	2	3	751	28
All Other Railroads	0	29	2	0	464	8
Total All Railroads	0	527	10	21	4,116	78

\*\* GROUP II Railroads: Railroads, excluding CLASS I, with annual accumulation of over 400,000 employee hours worked.

**TABLE 43. CASUALTY RATES FOR EMPLOYEES ON-DUTY BY RAILROAD, 1995**

Railroad	Fatalities		Injuries		Illnesses		T O T A L		Employee Manhours
	#	Rate*	#	Rate*	#	Rate*	#	Rate*	
<b>CLASS I RAILROADS</b>									
Amtrak (Nat'l Railroad Passenger Corp)	1	0.00	1,271	5.65	11	0.05	1,283	5.71	44,972,281
Atchison, Topeka & Santa Fe Railway	4	0.03	256	1.86	4	0.03	264	1.92	27,557,789
Burlington Northern Railroad Co.	2	0.01	894	2.93	25	0.08	921	3.02	60,952,102
Chicago and North Western Railway Co.	0	0.00	196	2.78	5	0.07	201	2.85	14,114,775
Consolidated Rail Corp.	7	0.03	808	3.62	21	0.09	836	3.74	44,689,268
CSX Transportation	6	0.02	492	1.69	5	0.02	503	1.73	58,095,340
Denver & Rio Grande Western Railroad	0	0.00	108	4.19	17	0.66	125	4.85	5,156,142
Grand Trunk Western Railroad Inc.	0	0.00	210	7.58	10	0.36	220	7.94	5,543,896
Illinois Central Railroad Co.	0	0.00	88	2.47	2	0.06	90	2.53	7,115,803
Kansas City Southern Railway Co.	0	0.00	84	3.01	0	0.00	84	3.01	5,578,251
Norfolk Southern Corp.	2	0.01	357	1.51	3	0.01	362	1.54	47,145,573
Soo Line Railroad Co.	0	0.00	432	10.04	2	0.05	434	10.09	8,605,350
Southern Pacific Transportation Co.	1	0.01	555	3.91	21	0.15	577	4.07	28,368,402
St. Louis Southwestern Railway Co.	0	0.00	91	3.83	0	0.00	91	3.83	4,752,605
Union Pacific Railroad Co.	4	0.01	1,073	3.85	17	0.06	1,094	3.92	55,782,237
Total Class I Railroads.....	27	0.01	6,915	3.31	143	0.07	7,085	3.39	418,429,814
<b>GROUP II RAILROADS **</b>									
Alton & Southern Railroad	0	0.00	19	5.67	0	0.00	19	5.67	670,634
Alaska Railroad Corp.	0	0.00	34	7.16	2	0.42	36	7.58	949,590
Bangor & Aroostook Railroad	0	0.00	33	10.02	0	0.00	33	10.02	658,489
Bessemer & Lake Erie Railroad Co.	0	0.00	15	4.64	1	0.31	16	4.95	646,969
Belt Railway Co. Of Chicago	0	0.00	14	2.23	0	0.00	14	2.23	1,255,843
Birmingham Southern Railroad Co.	0	0.00	12	5.53	0	0.00	12	5.53	433,751
Chicago, Central & Pacific Railroad	0	0.00	44	9.47	3	0.65	47	10.11	929,493
Delaware & Hudson Railway Co.	0	0.00	40	5.65	0	0.00	40	5.65	1,415,869
Dakota, Minnesota & Eastern Railroad	0	0.00	25	9.07	0	0.00	25	9.07	551,473
Duluth, Missabe & Iron Range Railway	0	0.00	46	6.76	1	0.15	47	6.91	1,360,882
Duluth, Winnipeg & Pacific Railway	0	0.00	5	2.25	0	0.00	5	2.25	445,333
Elgin, Joliet & Eastern Railway Co.	0	0.00	18	2.36	0	0.00	18	2.36	1,524,793
Florida East Coast Railway Co.	0	0.00	38	4.01	1	0.11	39	4.11	1,896,754
Gateway Western Railway	2	0.71	13	4.62	1	0.36	16	5.69	562,219
Houston Belt & Terminal Railway Co.	0	0.00	16	3.97	0	0.00	16	3.97	805,968
Indiana Harbor Belt Railroad Co.	0	0.00	71	8.08	0	0.00	71	8.08	1,756,564
Long Island Rail Road	0	0.00	558	9.67	26	0.45	584	10.12	11,537,943
Metro North Commuter Railroad Co.	1	0.02	484	9.02	40	0.75	525	9.79	10,729,538
Montana Rail Link	0	0.00	57	5.61	1	0.10	58	5.71	2,031,519
Northern Indiana Commuter Trans.	0	0.00	51	20.16	0	0.00	51	20.16	506,003
Northeast Illinois Regional Commuter	0	0.00	118	4.93	5	0.21	123	5.14	4,784,937
New Jersey Transit Rail Operations	0	0.00	86	2.35	0	0.00	86	2.35	7,317,126
Paducah & Louisville Railway Co.	0	0.00	25	8.37	0	0.00	25	8.37	597,640
Port Authority Trans Hudson	2	0.19	126	12.17	3	0.29	131	12.65	2,070,978
Port Terminal Railroad Assoc.	0	0.00	11	3.14	0	0.00	11	3.14	700,283
Southeastern Pennsylvania Trans.	0	0.00	228	13.04	3	0.17	231	13.21	3,496,187
Southern Pacific, Chicago-St. Louis	0	0.00	11	4.55	0	0.00	11	4.55	483,381
Springfield Terminal Railway Co.	0	0.00	27	2.81	0	0.00	27	2.81	1,919,551
Terminal Railroad Assoc. Of State Dock	0	0.00	10	3.65	0	0.00	10	3.65	548,476
Union Railroad Co. (Pittsburgh)	0	0.00	19	5.25	0	0.00	19	5.25	723,376
Wisconsin Central Ltd. (also Railway)	1	0.06	138	7.62	7	0.39	146	8.06	3,621,181
Wheeling & Lake Erie Railway Co.	0	0.00	11	2.81	0	0.00	11	2.81	782,332
Total Group II Railroads **.....	6	0.02	2,403	7.10	94	0.28	2,503	7.39	67,715,075
<b>RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)</b>									
Class I Railroads	27	0.01	6,915	3.31	143	0.07	7,085	3.39	418,429,814
Group II Railroads **	6	0.02	2,403	7.10	94	0.28	2,503	7.39	67,715,075
All Other Railroads	1	0.01	1,205	9.99	17	0.14	1,223	10.14	24,114,978
Total All Railroads	34	0.01	10,523	4.12	254	0.10	10,811	4.24	510,259,867

\* NOTE: Rate is frequency per 200,000 manhours.

\*\* Group II Railroads: Railroads, excluding Class I, with annual accumulation of over 400,000 employee hours worked.

**TABLE 44: SUMMARY OF NON-FATAL INJURIES TO EMPLOYEES ON-DUTY  
BY RAILROAD, 1995**

Railroad	TOTAL CASES*	<CASES with DAYS-AWAY-FROM WORK or DAYS-OF-RESTRICTION>					Other Cases
		< Total Cases	Lost-Day Cases	Restricted Cases	Away-fr-work Days	Restricted Days	
<b>CLASS I RAILROADS</b>							
Amtrak (Nat'l Railroad Passenger Corp)	1,282	899	881	18	23,427	498	383
Atchison, Topeka & Santa Fe Railway	260	200	149	51	12,039	4,033	60
Burlington Northern Railroad Co.	919	646	474	172	27,050	8,367	273
Chicago and North Western Railway Co.	201	151	133	18	3,405	275	50
Consolidated Rail Corp.	829	684	623	61	37,568	4,671	145
CSX Transportation	497	406	405	1	25,779	15	91
Denver & Rio Grande Western Railroad	125	89	88	1	8,473	22	36
Grand Trunk Western Railroad Inc.	220	170	159	11	4,432	225	50
Illinois Central Railroad Co.	90	50	44	6	2,148	95	40
Kansas City Southern Railway Co.	84	70	70	0	2,816	10	14
Norfolk Southern Corp.	360	288	261	27	25,927	1,220	72
Soo Line Railroad Co.	434	368	322	46	14,224	751	66
Southern Pacific Transportation Co.	576	458	451	7	42,793	362	118
St. Louis Southwestern Railway Co.	91	66	64	2	6,791	50	25
Union Pacific Railroad Co.	1,090	851	596	255	42,923	9,393	239
Total Class I Railroads.....	7,058	5,396	4,720	676	279,795	29,987	1,662
<b>GROUP II RAILROADS **</b>							
Alton & Southern Railroad	19	15	15	0	894	29	4
Alaska Railroad Corp.	36	27	21	6	683	210	9
Bangor & Aroostook Railroad	33	21	19	2	210	17	12
Bessemer & Lake Erie Railroad Co.	16	6	6	0	181	131	10
Belt Railway Co. Of Chicago	14	10	9	1	343	39	4
Birmingham Southern Railroad Co.	12	6	3	3	87	67	6
Chicago, Central & Pacific Railroad	47	38	31	7	1,054	97	9
Delaware & Hudson Railway Co.	40	34	27	7	1,428	201	6
Dakota, Minnesota & Eastern Railroad	25	17	17	0	636	5	8
Duluth, Missabe & Iron Range Railway	47	34	13	21	509	602	13
Duluth, Winnipeg & Pacific Railway	5	3	2	1	64	10	2
Elgin, Joliet & Eastern Railway Co.	18	15	9	6	644	211	3
Florida East Coast Railway Co.	39	29	26	3	1,129	283	10
Gateway Western Railway	14	9	7	2	316	247	5
Houston Belt & Terminal Railway Co.	16	13	12	1	885	35	3
Indiana Harbor Belt Railroad Co.	71	61	55	6	2,555	148	10
Long Island Rail Road	584	530	529	1	11,133	685	54
Metro North Commuter Railroad Co.	524	455	241	214	8,681	3,997	69
Montana Rail Link	58	40	38	2	1,929	616	18
Northern Indiana Commuter Transp.	51	35	14	21	113	689	16
Northeast Illinois Regional Comuter	123	103	103	0	4,098	0	20
New Jersey Transit Rail Operations	86	68	66	2	2,203	101	18
Paducah & Louisville Railway Co.	25	21	20	1	685	96	4
Port Authority Trans Hudson	129	129	129	0	2,032	129	0
Port Terminal Railroad Assoc.	11	7	7	0	474	0	4
Southeastern Pennsylvania Transp.	231	175	172	3	5,194	338	56
Southern Pacific, Chicago-St. Louis	11	9	9	0	791	16	2
Springfield Terminal Railway Co.	27	13	12	1	529	45	14
Terminal Railroad Assoc. Of State Dock	10	7	3	4	75	121	3
Union Railroad Co. (Pittsburgh)	19	5	5	0	273	0	14
Wisconsin Central Ltd. (also Railway)	145	105	86	19	1,002	799	40
Wheeling & Lake Erie Railway Co.	11	9	7	2	99	125	2
TOTAL GROUP II RAILROADS.....	2,497	2,049	1,713	336	50,929	10,089	448
<b>RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)</b>							
Class I Railroads	7,058	5,396	4,720	676	279,795	29,987	1,662
Group II Railroads **	2,497	2,049	1,713	336	50,929	10,089	448
All Other Railroads	1,222	777	622	155	13,311	4,267	445
Total All Railroads	10,777	8,222	7,055	1,167	344,035	44,343	2,555

\* Note: The above cases exclude occupational illness cases.

In cases where lost-days and restricted-days are reported, count is added only to lost-day column.

\*\* Group II Railroads: Railroads, excluding Class I, with annual accumulation of over 400,000 employee hours worked.

**TABLE 45: SUMMARY OF EMPLOYEE ON DUTY CASUALTIES BY REPORTABILITY CRITERIA AND RAILROAD, 1995**

Railroad	TOTAL CASES	Fatalities	< INJURY C A S E S REPORTED FOR FOLLOWING REASONS >					Occupational Illnesses
			<Total <Injuries	Days-Away From Work	Restricted Activity	Medi-cation	Medical Treatment>	
<b>CLASS I RAILROADS</b>								
Amtrak (Nat'l Railroad Passenger Corp)	1,283	1	1,271	875	18	143	235	11
Atchison, Topeka & Santa Fe Railway	264	4	256	148	51	4	53	4
Burlington Northern Railroad Co.	921	2	894	467	169	6	252	25
Chicago and North Western Railway Co.	201	0	196	129	18	17	32	5
Consolidated Rail Corp.	836	7	808	610	61	0	137	21
CSX Transportation	503	6	492	404	1	27	60	5
Denver & Rio Grande Western Railroad	125	0	108	77	1	0	30	17
Grand Trunk Western Railroad Inc.	220	0	210	150	11	2	47	10
Illinois Central Railroad Co.	90	0	88	44	6	12	26	2
Kansas City Southern Railway Co.	84	0	84	70	0	0	14	0
Norfolk Southern Corp.	362	2	357	259	27	15	56	3
Soo Line Railroad Co.	434	0	432	321	46	28	37	2
Southern Pacific Transportation Co.	577	1	555	436	7	0	112	21
St. Louis Southwestern Railway Co.	91	0	91	64	2	0	25	0
Union Pacific Railroad Co.	1,094	4	1,073	587	252	78	156	17
Total Class I Railroads.....	7,085	27	6,915	4,641	670	332	1,272	143
<b>GROUP II RAILROADS **</b>								
Alton & Southern Railroad	19	0	19	15	0	0	4	0
Alaska Railroad Corp.	36	0	34	20	5	5	4	2
Bangor & Aroostook Railroad	33	0	33	19	2	4	8	0
Bessemer & Lake Erie Railroad Co.	16	0	15	5	0	4	6	1
Belt Railway Co. Of Chicago	14	0	14	9	1	0	4	0
Birmingham Southern Railroad Co.	12	0	12	3	3	2	4	0
Chicago, Central & Pacific Railroad	47	0	44	30	5	4	5	3
Delaware & Hudson Railway Co.	40	0	40	27	7	1	5	0
Dakota, Minnesota & Eastern Railroad	25	0	25	17	0	0	8	0
Duluth, Missabe & Iron Range Railway	47	0	46	13	20	5	8	1
Duluth, Winnipeg & Pacific Railway	5	0	5	2	1	0	2	0
Elgin, Joliet & Eastern Railway Co.	18	0	18	9	6	3	0	0
Florida East Coast Railway Co.	39	0	38	26	3	1	8	1
Gateway Western Railway	16	2	13	6	2	2	3	1
Houston Belt & Terminal Railway Co.	16	0	16	12	1	0	3	0
Indiana Harbor Belt Railroad Co.	71	0	71	55	6	1	9	0
Long Island Rail Road	584	0	558	518	1	0	39	26
Metro North Commuter Railroad Co.	525	1	484	225	200	22	37	40
Montana Rail Link	58	0	57	37	2	3	15	1
Northern Indiana Commuter Trans.	51	0	51	14	21	12	4	0
Northeast Illinois Regional Comuter	123	0	118	100	0	13	5	5
New Jersey Transit Rail Operations	86	0	86	66	2	8	10	0
Paducah & Louisville Railway Co.	25	0	25	20	1	0	4	0
Port Authority Trans Hudson	131	2	126	126	0	0	0	3
Port Terminal Railroad Assoc.	11	0	11	7	0	1	3	0
Southeastern Pennsylvania Trans.	231	0	228	171	3	30	24	3
Southern Pacific, Chicago-St. Louis	11	0	11	9	0	0	2	0
Springfield Terminal Railway Co.	27	0	27	12	1	6	8	0
Terminal Railroad Assoc. Of State Dock	10	0	10	3	4	0	3	0
Union Railroad Co. (Pittsburgh)	19	0	19	5	0	7	7	0
Wisconsin Central Ltd. (also Railway)	146	1	138	82	18	14	24	7
Wheeling & Lake Erie Railway Co.	11	0	11	7	2	0	2	0
TOTAL GROUP II RAILROADS.....	2,503	6	2,403	1,670	317	148	268	94
<b>RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)</b>								
Class I Railroads	7,085	27	6,915	4,641	670	332	1,272	143
Group II Railroads **	2,503	6	2,403	1,670	317	148	268	94
All Other Railroads	1,223	1	1,205	611	154	41	399	17
Total All Railroads	10,811	34	10,523	6,922	1,141	521	1,939	254

Note: In cases where lost-days and restricted-days are reported, count is added only to days-away-from-work column.

\*\* Group II Railroads: Railroads, excluding Class I, with annual accumulation of over 400,000 employee hours worked.

**TABLE 46: FATALITIES BY TYPE OF ACCIDENT/INCIDENT, TYPE OF RAILROAD, AND TYPE OF PERSON, 1995**

Type of Accident/Incident	TOTAL*	Fatal	Total	<EMPLOYEES- ON- DUTY>			Enod	Psgr	Nont	Contr	Tres
	A/I	A/I	Killed	Trnmn/	Other/	Total					
<b>TRAIN ACCIDENTS</b>											
Class I Railroads	84	8	10	6	1	7	1	0	0	0	2
Group II Railroads **	20	3	4	3	0	3	0	0	0	0	1
All Other Railroads	15	0	0	0	0	0	0	0	0	0	0
Total All Railroads	119	11	14	9	1	10	1	0	0	0	3
<b>TRAIN INCIDENTS</b>											
Class I Railroads	1,634	411	417	11	3	14	0	0	23	2	378
Group II Railroads **	413	78	81	0	3	3	0	0	1	0	77
All Other Railroads	220	10	10	0	0	0	0	0	0	0	10
Total All Railroads	2,267	499	508	11	6	17	0	0	24	2	465
<b>NON-TRAIN INCIDENTS</b>											
Class I Railroads	6,401	31	31	0	4	4	1	0	7	4	15
Group II Railroads **	2,692	9	9	0	0	0	0	0	1	0	8
All Other Railroads	1,143	5	5	0	1	1	0	0	0	1	3
Total All Railroads	10,236	45	45	0	5	5	1	0	8	5	26
<b>HIGHWAY-RAIL CROSSING (Excluded from above categories)</b>											
Class I Railroads	1,494	420	536	1	1	2	0	0	391	0	143
Group II Railroads **	134	23	30	0	0	0	0	0	13	0	17
All Other Railroads	116	13	13	0	0	0	0	0	7	0	6
Total All Railroads	1,744	456	579	1	1	2	0	0	411	0	166
<b>T O T A L S</b>											
Class I Railroads	9,613	870	994	18	9	27	2	0	421	6	538
Group II Railroads **	3,259	113	124	3	3	6	0	0	15	0	103
All Other Railroads	1,494	28	28	0	1	1	0	0	7	1	19
Total All Railroads	14,366	1,011	1,146	21	13	34	2	0	443	7	660

\* Note: Column 1 is the count of accidents/incidents resulting in at least one reportable casualty.  
 Column 2 is the count of accidents/incidents resulting in at least one fatality.

\*\* Group II Railroads: Railroads, excluding CLASS I, with annual accumulation of over 400,000 employee hours worked.

Enod = Employee not on duty  
 Psgr = Passenger on train  
 Nont = Non-trespasser  
 Tres = Trespasser  
 Contr = Contractor  
 Trnmn = Trainmen (Train & Engine: Jobcodes 601-623)

**TABLE 47: INJURIES BY TYPE OF ACCIDENT/INCIDENT, TYPE OF RAILROAD, AND TYPE OF PERSON, 1995**

Type of Accident/Incident	TOTAL*		Total Injured	<EMPLOYEES- ON- DUTY>			Enod	Psgr	Nont	Contr	Tres
	A/I	Injury A/I		Trnmn	Other	Total					
<b>TRAIN ACCIDENTS</b>											
Class I Railroads	84	76	182	109	36	145	9	25	3	0	0
Group II Railroads **	20	17	31	19	1	20	0	10	1	0	0
All Other Railroads	15	15	80	22	1	23	0	54	2	1	0
Total All Railroads	119	108	293	150	38	188	9	89	6	1	0
<b>TRAIN INCIDENTS</b>											
Class I Railroads	1,634	1,207	1,329	663	203	866	8	94	26	9	326
Group II Railroads **	413	324	375	204	38	242	0	76	4	3	50
All Other Railroads	220	207	207	131	29	160	0	21	5	2	19
Total All Railroads	2,267	1,738	1,911	998	270	1,268	8	191	35	14	395
<b>NON-TRAIN INCIDENTS</b>											
Class I Railroads	6,401	6,250	6,324	2,037	3,768	5,805	193	64	85	142	35
Group II Railroads **	2,692	2,619	2,629	518	1,612	2,130	33	164	240	41	21
All Other Railroads	1,143	1,123	1,138	307	708	1,015	3	35	6	69	10
Total All Railroads	10,236	9,992	10,091	2,862	6,088	8,950	229	263	331	252	66
<b>HIGHWAY-RAIL CROSSING (Excluded from above categories)</b>											
Class I Railroads	1,494	1,073	1,592	92	7	99	4	30	1,256	0	203
Group II Railroads **	134	111	143	10	1	11	0	0	106	0	26
All Other Railroads	116	103	153	4	3	7	0	0	135	1	10
Total All Railroads	1,744	1,287	1,888	106	11	117	4	30	1,497	1	239
<b>T O T A L S</b>											
Class I Railroads	9,613	8,606	9,427	2,901	4,014	6,915	214	213	1,370	151	564
Group II Railroads **	3,259	3,071	3,178	751	1,652	2,403	33	250	351	44	97
All Other Railroads	1,494	1,448	1,578	464	741	1,205	3	110	148	73	39
Total All Railroads	14,366	13,125	14,183	4,116	6,407	10,523	250	573	1,869	268	700

\* Note: Column 1 is the count of accidents/incidents resulting in at least one reportable casualty.  
Column 2 is the count of accidents/incidents resulting in reportable injury/injuries only.

\*\* Group II Railroads: Railroads, excluding CLASS I, with annual accumulation of over 400,000 employee hours worked.

Enod = Employee not on duty  
Psgr = Passenger on train  
Nont = Non-trespasser  
Tres = Trespasser  
Contr = Contractor  
Trnmn = Trainmen (Train & Engine: Jobcodes 601-623)

**TABLE 48: ILLNESSES BY TYPE OF ACCIDENT/INCIDENT, TYPE OF RAILROAD,  
AND TYPE OF PERSON, 1995**

Type of Accident/Incident	TOTAL*	Illness	Total	<EMPLOYEES- ON- DUTY>							
	A/I	A/I	Illness	Trnmn/Other/Total	Enod	Psgr	Nont	Contr	Tres		
<b>TRAIN ACCIDENTS</b>											
Class I Railroads	84	0	1	1	0	1	0	0	0	0	0
Group II Railroads **	20	0	0	0	0	0	0	0	0	0	0
All Other Railroads	15	0	0	0	0	0	0	0	0	0	0
Total All Railroads	119	0	1	1	0	1	0	0	0	0	0
<b>TRAIN INCIDENTS</b>											
Class I Railroads	1,634	16	20	18	2	20	0	0	0	0	0
Group II Railroads **	413	11	20	20	0	20	0	0	0	0	0
All Other Railroads	220	3	3	2	1	3	0	0	0	0	0
Total All Railroads	2,267	30	43	40	3	43	0	0	0	0	0
<b>NON-TRAIN INCIDENTS</b>											
Class I Railroads	6,401	120	120	20	99	119	1	0	0	0	0
Group II Railroads **	2,692	64	72	5	66	71	1	0	0	0	0
All Other Railroads	1,143	15	15	6	8	14	0	0	0	1	0
Total All Railroads	10,236	199	207	31	173	204	2	0	0	1	0
<b>HIGHWAY-RAIL CROSSING (Excluded from above categories)</b>											
Class I Railroads	1,494	1	3	3	0	3	0	0	0	0	0
Group II Railroads **	134	0	3	3	0	3	0	0	0	0	0
All Other Railroads	116	0	0	0	0	0	0	0	0	0	0
Total All Railroads	1,744	1	6	6	0	6	0	0	0	0	0
<b>T O T A L S</b>											
Class I Railroads	9,613	137	144	42	101	143	1	0	0	0	0
Group II Railroads **	3,259	75	95	28	66	94	1	0	0	0	0
All Other Railroads	1,494	18	18	8	9	17	0	0	0	1	0
Total All Railroads	14,366	230	257	78	176	254	2	0	0	1	0

\* Note: Column 1 is the count of accidents/incidents resulting in at least one reportable casualty.  
Column 2 is the count of accidents/incidents resulting in at least one case of occupational illness.

\*\* Group II Railroads: Railroads, excluding CLASS I, with annual accumulation of over 400,000 employee hours worked.

Enod = Employee not on duty  
Psgr = Passenger on train  
Nont = Non-trespasser  
Tres = Trespasser  
Contr = Contractor  
Trnmn = Trainmen (Train & Engine: Jobcodes 601-623)



**TABLE 49. NONFATAL INJURIES BY OCCURRENCE, 1995**

Type of Accident/Incident	Amputations.....					Fractures.....						
	Arm/ Hand	Finger	Leg/ Foot	Toe	Other Part	Total	Arm/ Hand	Finger	Leg/ Foot	Toe	Other Part	Total
<b>TRAIN ACCIDENTS</b>												
Collisions	---	---	1	---	---	1	2	---	2	---	6	10
Derailments	---	---	---	---	---	---	1	---	3	---	4	8
Hi ghway-rail x-ing	---	---	---	---	---	---	1	1	2	---	6	10
Miscellaneous	---	---	---	---	---	---	2	---	1	---	1	4
Total.....	---	---	1	---	---	1	6	1	8	---	17	32
<b>TRAIN INCIDENTS</b>												
Coupling and uncoupling locomotives or	---	1	2	1	---	4	3	1	3	2	1	10
Coupling/uncouplng air/steam hose, saf	---	---	---	---	---	---	---	---	---	---	---	---
Operating or on locomotives.....	---	---	---	---	---	---	4	4	---	---	7	15
Operating rail motorcars.....	---	---	---	---	---	---	---	---	---	---	---	---
Operating hand brakes.....	---	---	2	---	---	2	2	---	2	---	1	5
Operating switches or derails.....	---	---	---	---	---	---	---	---	---	---	1	1
Contacting fixed objects while on loco	---	---	---	---	---	---	---	---	1	1	5	7
Getting on or off cars or locomotives.	---	2	12	1	---	15	12	2	16	---	10	40
Collisions, derailments, etc. (below \$	2	1	4	1	---	8	2	---	4	---	5	11
Hi ghway-rail crossing accidents/incide	2	---	2	---	---	4	35	2	54	1	103	195
Struck by/ran into loco/car(not at hwy	16	6	61	6	---	89	13	---	22	4	33	72
Servicing or maintenance of equipment.	---	---	---	---	---	---	---	---	2	1	2	5
Maintenance of way and structures.....	---	---	---	---	---	---	2	1	2	---	2	7
Freight, baggage, express or mail.....	---	---	---	---	---	---	---	---	1	---	---	1
Windows, doors, etc., on on-track equi	---	1	---	---	---	1	---	5	1	1	---	7
Passenger car doors.....	---	---	1	---	---	1	1	---	---	---	---	1
Stumbling, slipping, falling, caught,	---	---	4	2	---	6	3	2	8	---	4	17
Flying or falling objects, burns, etc.	---	---	---	---	---	---	---	---	---	---	---	---
Operation of on-track work equipment..	---	---	---	---	---	---	---	1	3	---	---	4
Assault.....	---	---	---	---	---	---	---	---	---	---	1	1
Other occurrences.....	1	---	7	---	---	8	3	1	8	---	3	15
Total.....	21	11	95	11	---	138	80	19	127	10	178	414
<b>NONTRAIN INCIDENTS</b>												
Coupling and uncoupling locomotives or	---	1	---	---	---	1	2	11	3	4	2	22
Coupling/uncouplng air/steam hose, saf	---	---	---	---	---	---	1	1	---	---	1	3
Operating or on locomotives.....	---	---	---	---	---	---	2	4	2	1	4	13
Operating rail motorcars.....	---	---	---	---	---	---	---	---	1	---	3	4
Operating hand brakes.....	---	---	---	---	---	---	2	2	1	2	3	10
Operating switches or derails.....	---	---	---	1	---	1	3	5	1	4	3	16
Contacting fixed objects while on loco	---	---	---	---	---	---	2	---	---	---	---	2
Getting on or off cars or locomotives.	---	---	---	---	---	---	15	2	23	---	13	53
Collisions, derailments, etc. (below \$	---	---	---	---	---	---	---	---	---	---	---	---
Hi ghway-rail crossing accidents/incide	---	---	1	---	---	1	---	---	5	---	3	8
Struck by/ran into loco/car(not at hwy	---	---	---	---	---	---	---	---	2	---	---	2
Servicing or maintenance of equipment.	---	5	---	---	---	5	19	63	34	11	21	148
Maintenance of way and structures.....	2	13	---	---	---	15	41	107	60	25	25	258
Freight, baggage, express or mail.....	---	---	---	---	---	---	2	1	1	---	---	4
Windows, doors, etc., on on-track equi	---	3	---	---	---	3	4	18	---	2	1	25
Passenger car doors.....	---	---	---	---	---	---	---	1	---	---	---	1
Stumbling, slipping, falling, caught,	---	1	1	1	---	3	67	11	77	6	42	203
Flying or falling objects, burns, etc.	1	1	---	---	---	2	---	2	2	3	2	9
Operation of on-track work equipment..	---	---	---	---	---	---	1	4	2	2	1	10
Assault.....	---	---	---	---	---	---	5	2	---	---	7	14
Other occurrences.....	---	3	1	---	---	4	19	8	20	4	19	70
Total.....	3	27	3	2	---	35	185	242	234	64	150	875
Grand Total.....	24	38	99	13	---	174	271	262	369	74	345	1,321

**TABLE 49. NONFATAL INJURIES BY OCCURRENCE, CONT., 1995**

Type of Accident/Incident	Other Injuries								Total Injured	
	Sprain/ Bruise	Strain	Cut	Elec. Burn	Other Burns	Disloc- Cation	Object In Eye	Other		
<b>TRAIN ACCIDENTS</b>										
Collisions	37	78	16	---	---	3	---	5	139	150
Derailments	42	28	1	---	---	2	1	8	82	90
Highway-rail x-ing	38	45	16	---	4	---	---	57	160	170
Miscellaneous	10	13	7	2	---	2	---	15	49	53
Total	127	164	40	2	4	7	1	85	430	463
<b>TRAIN INCIDENTS</b>										
Coupling and uncoupling locomotives or Coupling/uncoupling air/steam hose, saf	18	59	10	---	1	1	---	2	91	105
Operating or on locomotives	42	134	17	1	6	1	44	37	282	297
Operating rail motorcars	4	9	1	---	---	---	---	2	16	16
Operating hand brakes	6	13	1	---	---	---	---	1	21	28
Operating switches or derails	1	5	---	---	---	---	---	1	7	8
Contacting fixed objects while on loco	8	8	11	---	1	---	---	1	29	36
Getting on or off cars or locomotives	46	138	30	---	---	8	---	5	227	282
Collisions, derailments, etc. (below \$	63	101	10	---	---	1	---	16	191	210
Highway-rail crossing accidents/incide	328	191	308	---	---	8	---	634	1,469	1,668
Struck by/ran into loco/car(not at hwy	55	7	63	1	---	2	---	71	199	360
Servicing or maintenance of equipment	7	15	9	---	---	---	1	1	33	38
Maintenance of way and structures	13	12	5	---	---	1	---	2	33	40
Freight, baggage, express or mail	5	6	2	---	---	---	---	---	13	14
Windows, doors, etc., on on-track equi	15	23	11	---	---	1	1	---	51	59
Passenger car doors	3	1	2	---	---	---	---	1	7	9
Stumbling, slipping, falling, caught,	37	40	17	---	---	1	---	11	106	129
Flying or falling objects, burns, etc.	13	4	8	4	8	---	24	18	79	79
Operation of on-track work equipment	8	16	7	---	---	---	---	2	33	37
Assault	8	3	7	---	---	---	3	11	32	33
Other occurrences	24	43	16	---	1	1	---	11	96	119
Total	709	833	537	6	17	25	73	827	3,027	3,579
<b>NONTRAIN INCIDENTS</b>										
Coupling and uncoupling locomotives or Coupling/uncoupling air/steam hose, saf	42	157	29	---	1	---	4	9	242	265
Operating or on locomotives	30	71	25	---	4	---	4	7	141	144
Operating rail motorcars	39	131	30	5	6	4	24	37	276	289
Operating hand brakes	4	12	2	---	---	---	---	1	19	23
Operating switches or derails	31	152	9	---	---	5	---	11	208	218
Operating switches or derails	20	374	13	---	1	7	---	11	426	443
Contacting fixed objects while on loco	5	9	4	---	---	---	---	---	18	20
Getting on or off cars or locomotives	126	423	64	---	1	7	---	26	647	700
Collisions, derailments, etc. (below \$	---	---	---	---	---	---	---	---	---	---
Highway-rail crossing accidents/incide	13	1	10	---	---	---	---	17	41	50
Struck by/ran into loco/car(not at hwy	2	4	3	---	---	---	---	1	10	12
Servicing or maintenance of equipment	258	805	326	30	47	27	109	143	1,745	1,898
Maintenance of way and structures	313	1,086	485	20	41	32	83	199	2,259	2,532
Freight, baggage, express or mail	16	99	8	---	---	---	---	4	127	131
Windows, doors, etc., on on-track equi	66	83	55	---	---	4	2	8	218	246
Passenger car doors	9	5	2	---	---	---	---	---	16	17
Stumbling, slipping, falling, caught,	301	779	134	---	---	22	---	62	1,298	1,504
Flying or falling objects, burns, etc.	28	10	26	7	19	1	59	50	200	211
Operation of on-track work equipment	4	13	5	---	---	3	---	1	26	36
Assault	37	33	23	1	---	---	1	15	110	124
Other occurrences	178	582	174	1	4	7	12	246	1,204	1,278
Total	1,522	4,829	1,427	64	124	119	298	848	9,231	10,141
Grand Total	2,358	5,826	2,004	72	145	151	372	1,760	12,688	14,183

**TABLE 50. NATURE OF INJURIES BY PERSON, 1995**

Type Person	.....Amputations.....					.....Fractures.....						
	Arm/ Hand	Finger	Leg/ Foot	Toe	Other Part	Total	Arm/ Hand	Finger	Leg/ Foot	Toe	Other Part	Total
<b>EMPLOYEES ON DUTY</b>												
<b>YARD SERVICE:</b>												
Engineers and Motormen	---	---	---	---	---	---	1	3	1	---	2	7
Firemen and Helpers	---	---	---	---	---	---	---	---	1	---	---	1
Conductors and Foremen	---	1	2	1	---	4	12	4	9	---	7	32
Brakemen and Helpers	---	---	3	1	---	4	7	9	19	4	9	48
Total.....	---	1	5	2	---	8	20	16	30	4	18	88
<b>FREIGHT SERVICE:</b>												
Engineers and Motormen	---	1	---	---	---	1	4	10	4	---	9	27
Firemen and Helpers	---	---	---	---	---	---	---	---	---	---	---	---
Conductors and Foremen	---	1	5	1	---	7	17	17	16	7	21	78
Brakemen and Helpers	1	1	2	---	---	4	7	2	9	4	10	32
Total.....	1	3	7	1	---	12	28	29	29	11	40	137
<b>PASSENGER SERVICE:</b>												
Engineers and Motormen	---	---	---	---	---	---	2	3	1	---	1	7
Firemen and Helpers	---	---	---	---	---	---	---	---	---	---	1	1
Conductors and Foremen	---	1	---	---	---	1	9	2	2	2	2	17
Baggagemen	---	---	---	---	---	---	---	---	---	---	---	---
Brakemen and Helpers	---	---	---	---	---	---	---	---	1	---	1	2
Total.....	---	1	---	---	---	1	11	5	4	2	5	27
HOSTILERS	---	---	---	---	---	---	1	---	---	---	1	2
<b>-- SUMMARY --</b>												
Total employees on duty	3	27	13	4	---	47	163	245	193	60	148	809
Employees not on duty	---	---	---	---	---	---	5	1	7	---	4	17
Passengers	---	1	1	---	---	2	12	7	12	3	18	52
Nontrespassers	1	---	11	---	---	12	55	3	96	2	113	269
Trespassers	20	9	73	9	---	111	28	1	50	3	55	137
Grand total	24	37	98	13	---	172	263	257	358	68	338	1,284

**TABLE 50. NATURE OF INJURIES BY PERSON, CONT., 1995**

Type Person	.....Other Injuries.....								Total Injured	
	Bruise	Sprain/ Strain	Cut	Elec. Burn	Other Burns	Disloc- Cation	Object In Eye	Other		
<b>EMPLOYEES ON DUTY</b>										
<b>YARD SERVICE:</b>										
Engineers and Motormen	41	121	14	3	2	3	7	20	211	218
Firemen and Helpers	---	---	1	---	1	---	---	---	2	3
Conductors and Foremen	68	313	54	1	4	3	14	28	485	521
Brakemen and Helpers	94	381	53	---	8	11	19	42	608	660
Total.....	203	815	122	4	15	17	40	90	1,306	1,402
<b>FREIGHT SERVICE:</b>										
Engineers and Motormen	82	323	34	1	3	8	32	54	537	565
Firemen and Helpers	2	2	---	---	---	---	---	1	5	5
Conductors and Foremen	157	572	82	1	3	12	25	93	945	1,030
Brakemen and Helpers	58	248	31	---	---	9	7	26	379	415
Total.....	299	1,145	147	2	6	29	64	174	1,866	2,015
<b>PASSENGER SERVICE:</b>										
Engineers and Motormen	21	81	20	3	3	1	9	18	156	163
Firemen and Helpers	---	1	1	1	3	---	---	---	6	7
Conductors and Foremen	97	212	38	---	---	1	19	30	397	415
Baggagemen	---	---	---	---	---	---	---	---	---	---
Brakemen and Helpers	11	32	4	---	---	---	2	4	53	55
Total.....	129	326	63	4	6	2	30	52	612	640
HOSTLERS	5	11	2	---	2	1	---	1	22	24
										24
<b>-- SUMMARY --</b>										
Total employees on duty	1,609	5,203	1,349	63	133	127	357	826	9,667	10,523
Employees not on duty	54	111	27	---	2	6	7	26	233	250
Passengers	175	192	93	1	---	4	2	52	519	573
Nontrespassers	356	219	343	---	1	10	1	658	1,588	1,869
Trespassers	115	30	128	4	---	2	---	173	452	700
Grand total	2,309	5,755	1,940	68	136	149	367	1,735	12,459	13,915

**TABLE 51. EMPLOYEE ON DUTY CASUALTIES BY TYPE OF CASUALTY, 1995**

Type/Location Of Casualty	Total Cases	CASES WITH DAYS AWAY FROM WORK OR DAYS OF RESTRICTION					Other Cases
		Total Cases	Lost Day Cases	Restricted Cases	Days Away From Wrk	Days Of Restriction	
<b>INJURIES</b>							
Bruise - Contusion							
Arm or Hand..	438	304	230	74	6,471	1,596	134
Leg or Foot..	551	464	405	59	14,118	2,159	87
Head or Face.	150	118	112	6	3,949	262	32
Torso.....	388	336	296	40	12,974	1,917	52
Other Parts..	82	69	65	4	3,332	381	13
Subtotal	1,609	1,291	1,108	183	40,844	6,315	318
Sprain - Strain							
Arm or Hand..	512	402	313	89	13,018	3,498	110
Leg or Foot..	1,374	1,214	1,062	152	54,005	6,372	160
Head or Face.	320	270	247	23	14,411	1,528	50
Torso.....	2,887	2,496	2,167	329	123,076	13,207	391
Other Parts..	110	100	93	7	4,365	182	10
Subtotal	5,203	4,482	3,882	600	208,875	24,787	721
Cut or Laceration							
Arm or Hand..	716	356	258	98	6,901	1,625	360
Leg or Foot..	181	111	98	13	3,970	419	70
Head or Face.	407	163	148	15	4,136	680	244
Torso.....	25	16	14	2	566	24	9
Other Parts..	20	13	13	0	1,132	107	7
Subtotal	1,349	659	531	128	16,705	2,855	690
Puncture.....	198	82	65	17	2,004	297	116
Electric Shock or Burn.....	63	47	46	1	1,190	94	16
Other Burn.....	133	69	52	17	1,751	204	64
Dislocation.....	127	118	106	12	7,638	1,455	9
Fracture							
Arm or Hand..	408	321	241	80	13,095	3,554	87
Leg or Foot..	253	237	211	26	15,511	1,514	16
Head or Face.	27	18	16	2	1,213	16	9
Torso.....	113	106	98	8	7,224	900	7
Other Parts..	8	7	7	0	815	25	1
Subtotal	809	689	573	116	37,858	6,009	120
Dental.....	35	12	12	0	259	16	23
Amputation							
Arm or Hand..	30	23	19	4	943	254	7
Leg or Foot..	17	17	17	0	2,905	0	0
Other Parts..	0	0	0	0	0	0	0
Subtotal	47	40	36	4	3,848	254	7
Foreign Object in Eye.....	357	138	118	20	662	42	219
Hernia.....	93	91	87	4	4,099	320	2
Concussion.....	32	30	29	1	1,461	192	2
Nervous Shock (Injury Related)..	4	1	1	0	7	0	3
Internal Injury.....	21	20	19	1	1,799	52	1
Loss of Eye.....	0	0	0	0	0	0	0
Reaction 1 Time Exposure (Chem)..	27	14	13	1	153	22	13
One Time Exposure to Noise.....	17	12	11	1	48	4	5
One Time Exposure to Fumes.....	79	62	60	2	875	59	17
Other -Not Elsewhere Classified.	320	206	173	33	9,014	867	114
Total Nonfatal Injuries	10,523	8,063	6,922	1,141	339,090	43,844	2,460
<b>ILLNESSES</b>							
Occu. Skin Diseases or Disorders	39	19	18	1	145	2	20
Dust Diseases of the Lungs.....	0	0	0	0	0	0	0
Respiratory-Due to Toxic Agents.	31	22	20	2	730	5	9
Poison-Systemic Effect of Toxin	3	1	1	0	3	0	2
Disorders Due to Physical Agents	32	20	17	3	144	5	12
Disorders Due to Repeated Trauma	97	65	56	9	3,754	465	32
Other Occupational Illnesses....	52	32	21	11	169	22	20
Total Nonfatal Illnesses	254	159	133	26	4,945	499	95

\*\*\*Fatal INJURIES > 34

\*\*\*Fatal ILLNESSES > 0

\*\*\*TOTAL FATALITIES > 34

**TABLE 52. EMPLOYEE ON DUTY CASUALTIES BY JOB CATEGORY, 1995**

	Killed	Injured	Illness	Total
<b>EXECUTIVES, OFFICIALS, AND STAFF ASSISTANTS</b>				
Executives and general officers.....	---	4	1	5
Corporate staff managers.....	---	8	---	8
Regional and division officers, assistants and staff assistants....	---	9	---	9
Transportation officers/managers.....	---	10	---	10
Subtotal.....	---	31	1	32
<b>PROFESSIONAL AND ADMINISTRATIVE</b>				
Professional and administrative (miscellaneous).....	---	4	---	4
Professional.....	---	17	---	17
Subprofessionals.....	---	9	1	10
Auditors, traveling auditors or accountants.....	---	9	1	10
General and administrative supervisors.....	---	4	1	5
Sales and traffic representatives and agents.....	---	19	1	20
Freight and other claim agents and investigators.....	---	1	---	1
Lieutenants and sergeants of police.....	---	32	1	33
Police officers, watchmen and guards (except crossing & bridge)....	---	108	10	118
Inspectors, (except MDW & MDE), other investigators, examiners, etc	---	1	---	1
Buyers, and sales agents.....	---	2	1	3
Clerical technicians and clerical specialists.....	---	31	2	33
Office machine and data equipment operators.....	---	17	2	19
Secretaries, stenographers, and typists.....	---	22	2	24
General and other clerks (except yard clerk and crew dispatcher)...	---	152	10	162
Building and office attendants.....	---	42	2	44
Messengers and office persons.....	---	4	---	4
Motor vehicle operators.....	---	57	---	57
Subtotal.....	---	531	34	565
<b>MAINTENANCE OF WAY AND STRUCTURES</b>				
Maintenance of way and structures (miscellaneous).....	---	25	---	25
Supervisors, maintenance of way, structures, communication & signals	1	48	---	49
Maintenance of way, structures, comm. & signals, & scale inspectors	1	51	1	53
Bridge and building gang foreman.....	---	48	---	48
Bridge and building carpenters.....	---	129	3	132
Bridge and building ironworkers.....	---	35	1	36
Bridge and building painters.....	---	12	---	12
Masons, bricklayers, plasterers, and plumbers.....	---	137	3	140
Bridge and building helpers and apprentices.....	---	61	1	62
Bridge and building gang and bridge and building dept laborers....	---	44	1	45
Track gang foremen (extra gang work train laborers).....	---	69	1	70
Gang or section foreman.....	1	206	7	214
Extra gang laborers.....	3	302	7	312
Section laborers.....	2	770	13	785
Machine operators.....	3	450	10	463
Gang foremen, communications and signals.....	---	33	---	33
Signalmen and signal maintainers.....	1	299	6	306
Linemen and groundmen and communications craftsman.....	---	99	1	100
Assistant signalmen and assistant signal maintainers.....	---	51	1	52
Signal helpers and signal maintainer helpers.....	---	12	---	12
Camp car cooks.....	---	2	---	2
Subtotal.....	12	2,883	56	2,951
<b>MAINTENANCE OF EQUIPMENT AND STORES</b>				
Maintenance of equipment and stores (miscellaneous).....	---	17	1	18
Supervisors and general foremen, maintenance of equipment.....	---	48	---	48
Supervisors and general foremen, materials and stores.....	---	5	---	5
Equipment, shop, electrical inspectors.....	---	11	---	11
Materials and supplies inspectors.....	---	2	1	3
Storekeeper.....	---	29	---	29
Gang foremen, maintenance of equipment.....	---	43	1	44
Blacksmiths.....	---	11	---	11
Boilermakers.....	---	35	3	38
Carmen (freight).....	---	596	14	610

**TABLE 52. EMPLOYEE ON DUTY CASUALTIES BY JOB CATEGORY, CONT., 1995**

	Killed	Injured	Illness	Total
<b>MAINTENANCE OF EQUIPMENT AND STORES (cont.)</b>				
Carmen (other).....	---	246	4	250
Electrical workers (A).....	---	326	12	338
Electrical workers (B).....	---	8	---	8
Electrical workers (C).....	---	8	---	8
Machinists.....	1	466	16	483
Sheet metal workers.....	---	106	3	109
Skilled trades, helpers, maintenance of equipment and stores.....	---	48	1	49
Apprentices, maintenance of equipment and stores.....	---	18	---	18
Coach cleaners.....	---	180	12	192
Laborers: shops, enginehouses and power plants.....	---	182	5	187
Gang foremen, materials and stores.....	---	3	---	3
Equipment operators and general laborers, materials and stores.....	---	42	2	44
Stationary engineers.....	---	5	---	5
Subtotal.....	1	2, 435	75	2, 511
<b>TRANSPORTATION, OTHER THAN TRAIN AND ENGINE</b>				
Transportation, other than train and engine (miscellaneous).....	---	4	---	4
Transportation supervisor and chief train dispatcher.....	---	9	1	10
Train dispatchers.....	---	8	---	8
Station, freight and passenger agents.....	---	39	1	40
Clerk operators, towerman, train directors.....	---	13	2	15
Station masters & assts, supervising bag. agents, bag. agents, etc.	---	13	---	13
Baggage, parcel room and station attendents.....	---	57	---	57
General & asst gnrl foremen, stations, warehouses, grain elev., docks.	---	2	---	2
Gang foremen, stations, warehouses, grain elevators and docks.....	---	2	---	2
Grain elevator, and dock laborers.....	---	12	---	12
Station, and warehouse laborers.....	---	56	---	56
Truckers (station, warehouse and platforms).....	---	3	---	3
Food and lodging manager, supervisors.....	---	4	---	4
Waiters and kitchen helpers (restaurant and dining car).....	---	8	---	8
Chefs and cooks (restaurant and dining car).....	---	71	2	73
Train attendants.....	---	159	3	162
Bridge operators and helpers.....	---	2	---	2
Yards clerks.....	---	29	---	29
Crew dispatchers.....	---	10	---	10
Yardmasters and assistant yardmasters.....	---	26	1	27
Subtotal.....	---	527	10	537
<b>TRANSPORTATION, TRAIN AND ENGINE</b>				
Transportation, train and engine (miscellaneous).....	---	7	---	7
Switchtenders.....	---	15	1	16
Car retarder operators and ground service employees.....	---	4	---	4
Outside hostlers.....	---	16	---	16
Outside hostler helpers.....	---	8	2	10
Inside hostler.....	---	9	1	10
Road passenger conductors.....	---	329	12	341
Assistant road passenger conductors and ticket collectors.....	---	86	1	87
Road freight conductors (through freight).....	5	607	11	623
Road freight conductors (local and way freight).....	3	423	9	435
Road Passenger brakemen and flagmen.....	---	55	---	55
Road freight brakemen and flagmen (through freight).....	1	115	2	118
Road freight brakemen and flagmen (local and way freight).....	1	300	7	308
Yard conductors and yard foremen.....	3	521	---	524
Yard brakemen and yard helpers.....	3	660	7	670
Road passenger engineers and motormen.....	1	163	10	174
Road freight engineers (through freight).....	4	399	5	408
Road freight engineers (local and way freight).....	---	166	7	173
Yard engineers.....	---	218	3	221
Road passenger firemen and helpers.....	---	7	---	7
Road freight firemen and helpers (through freight).....	---	4	---	4
Road freight firemen and helpers (local and way freight).....	---	1	---	1
Yard firemen and helpers.....	---	3	---	3
Subtotal.....	21	4, 116	78	4, 215
Total.....	34	10, 523	254	10, 811

**TABLE 53. EMPLOYEE FATALITIES BY JOB GROUPS, 1995**

Type accident/incident	I*	II	III	IV	V	VI	Total
<b>TRAIN ACCIDENTS</b>							
Collisions	---	---	---	---	---	7	7
Derailments	---	---	1	---	---	---	1
Hi ghway-rail x-ing	---	---	1	---	---	1	2
Mi scellaneous	---	---	---	---	---	2	2
Total.....	---	---	2	---	---	10	12
<b>TRAIN INCIDENTS</b>							
Coupling and uncoupling locomotives or cars.....	---	---	---	---	---	2	2
Coupling/uncoupling air/steam hose, safety chains.	---	---	---	---	---	---	---
Operating or on locomotives.....	---	---	---	---	---	3	3
Operating rail motorcars.....	---	---	---	---	---	---	---
Operating hand brakes.....	---	---	---	---	---	---	---
Operating switches or derails.....	---	---	---	---	---	---	---
Contacting fixed objects while on locos or cars..	---	---	---	---	---	1	1
Getting on or off cars or locomotives.....	---	---	---	---	---	---	---
Collisions, derailments, etc. (below \$ threshold)	---	---	---	---	---	---	---
Hi ghway-rail crossing accidents/incidents.....	---	---	---	---	---	---	---
Struck by/ran into loco/car(not at hwy-rr x-ing).	---	---	1	---	---	5	6
Servicing or maintenance of equipment.....	---	---	---	---	---	---	---
Maintenance of way and structures.....	---	---	4	---	---	---	4
Freight, baggage, express or mail.....	---	---	---	---	---	---	---
Windows, doors, etc., on on-track equipment.....	---	---	---	---	---	---	---
Passenger car doors.....	---	---	---	---	---	---	---
Stumbling, slipping, falling, caught, N.O.C.....	---	---	---	---	---	---	---
Flying or falling objects, burns, etc., N.O.C....	---	---	---	---	---	---	---
Operation of on-track work equipment.....	---	---	1	---	---	---	1
Assault.....	---	---	---	---	---	---	---
Other occurrences.....	---	---	---	---	---	---	---
Total.....	---	---	6	---	---	11	17
<b>NONTRAIN INCIDENTS</b>							
Coupling and uncoupling locomotives or cars.....	---	---	---	---	---	---	---
Coupling/uncoupling air/steam hose, safety chains.	---	---	---	---	---	---	---
Operating or on locomotives.....	---	---	---	---	---	---	---
Operating rail motorcars.....	---	---	---	---	---	---	---
Operating hand brakes.....	---	---	---	---	---	---	---
Operating switches or derails.....	---	---	---	---	---	---	---
Contacting fixed objects while on locos or cars..	---	---	---	---	---	---	---
Getting on or off cars or locomotives.....	---	---	---	---	---	---	---
Collisions, derailments, etc. (below \$ threshold)	---	---	---	---	---	---	---
Hi ghway-rail crossing accidents/incidents.....	---	---	---	---	---	---	---
Struck by/ran into loco/car(not at hwy-rr x-ing).	---	---	---	---	---	---	---
Servicing or maintenance of equipment.....	---	---	---	---	---	---	---
Maintenance of way and structures.....	---	---	2	---	---	---	2
Freight, baggage, express or mail.....	---	---	---	---	---	---	---
Windows, doors, etc., on on-track equipment.....	---	---	---	---	---	---	---
Passenger car doors.....	---	---	---	---	---	---	---
Stumbling, slipping, falling, caught, N.O.C.....	---	---	---	---	---	---	---
Flying or falling objects, burns, etc., N.O.C....	---	---	---	---	---	---	---
Operation of on-track work equipment.....	---	---	1	---	---	---	1
Assault.....	---	---	---	---	---	---	---
Other occurrences.....	---	---	1	1	---	---	2
Total.....	---	---	4	1	---	---	5
Grand total.....	---	---	12	1	---	21	34

NOTE: I = Executives, officials, and staff assistants  
 II = Professional, clerical, and general  
 III = Maintenance of way and structures  
 IV = Maintenance of equipment and stores  
 V = Transportation (other than train, engine, and yard)  
 VI = Transportation (train and engine)



**TABLE 54. EMPLOYEE INJURIES BY JOB GROUPS, 1995**

Type accident/incident	I*	II	III	IV	V	VI	Total
<b>TRAIN ACCIDENTS</b>							
Collisions	---	---	13	2	---	79	94
Derailments	---	---	2	1	5	44	52
Highway-rail x-ing	---	---	5	---	1	53	59
Miscellaneous	---	---	14	---	1	27	42
Total.....	---	---	34	3	7	203	247
<b>TRAIN INCIDENTS</b>							
Coupling and uncoupling locomotives or cars.....	---	---	---	4	---	101	105
Coupling/uncoupling air/steam hose, safety chains.	---	---	---	2	---	10	12
Operating or on locomotives.....	---	---	1	2	11	283	297
Operating rail motorcars.....	---	---	2	1	---	13	16
Operating hand brakes.....	---	---	---	2	---	26	28
Operating switches or derails.....	---	---	1	1	---	6	8
Contacting fixed objects while on locos or cars..	---	---	1	---	---	33	34
Getting on or off cars or locomotives.....	---	1	2	3	13	209	228
Collisions, derailments, etc. (below \$ threshold)	---	---	6	10	3	59	78
Highway-rail crossing accidents/incidents.....	---	---	2	1	1	53	57
Struck by/ran into loco/car(not at hwy-rr x-ing).	---	---	3	2	---	25	30
Servicing or maintenance of equipment.....	---	---	3	27	4	4	38
Maintenance of way and structures.....	---	---	34	2	---	1	37
Freight, baggage, express or mail.....	---	---	---	1	9	3	13
Windows, doors, etc., on on-track equipment.....	---	---	---	1	9	41	51
Passenger car doors.....	---	---	---	---	1	3	4
Stumbling, slipping, falling, caught, N.O.C.....	---	---	1	2	28	54	85
Flying or falling objects, burns, etc., N.O.C....	---	---	1	1	12	53	67
Operation of on-track work equipment.....	---	1	35	---	---	---	36
Assault.....	---	1	---	---	2	29	32
Other occurrences.....	---	2	3	---	19	45	69
Total.....	---	5	95	62	112	1,051	1,325
<b>NONTRAIN INCIDENTS</b>							
Coupling and uncoupling locomotives or cars.....	---	---	3	16	2	241	262
Coupling/uncoupling air/steam hose, safety chains.	1	---	---	15	1	126	143
Operating or on locomotives.....	---	---	1	24	---	261	286
Operating rail motorcars.....	1	---	8	2	3	9	23
Operating hand brakes.....	1	---	1	21	1	194	218
Operating switches or derails.....	1	---	19	27	2	394	443
Contacting fixed objects while on locos or cars..	---	---	1	1	1	9	12
Getting on or off cars or locomotives.....	---	9	4	81	29	433	556
Collisions, derailments, etc. (below \$ threshold)	---	---	---	---	---	---	---
Highway-rail crossing accidents/incidents.....	---	---	1	---	---	---	1
Struck by/ran into loco/car(not at hwy-rr x-ing).	---	---	1	---	---	4	5
Servicing or maintenance of equipment.....	4	47	98	1,627	30	53	1,859
Maintenance of way and structures.....	4	48	2,215	143	10	27	2,447
Freight, baggage, express or mail.....	---	8	5	4	89	23	129
Windows, doors, etc., on on-track equipment.....	---	6	15	56	19	124	220
Passenger car doors.....	---	1	---	1	1	---	3
Stumbling, slipping, falling, caught, N.O.C.....	7	118	133	185	86	547	1,076
Flying or falling objects, burns, etc., N.O.C....	---	16	11	27	35	74	163
Operation of on-track work equipment.....	---	1	26	4	---	2	33
Assault.....	---	39	8	10	7	35	99
Other occurrences.....	12	233	204	126	92	306	973
Total.....	31	526	2,754	2,370	408	2,862	8,951
Grand total.....	31	531	2,883	2,435	527	4,116	10,523

NOTE: I = Executives, officials, and staff assistants  
 II = Professional, clerical, and general  
 III = Maintenance of way and structures  
 IV = Maintenance of equipment and stores  
 V = Transportation (other than train, engine, and yard)  
 VI = Transportation (train and engine)

**TABLE 55. SUMMARY OF NONFATAL EMPLOYEE INJURIES BY OCCURRENCE, 1995**

Type of Occurrence	Total Cases	Cases With Days Away From Work Or Days Of Restriction					Other Cases
		Total Cases	Lost Day Cases	Restricted Cases	Days Away From Work	Days Of Restriction	
<b>TRAIN ACCIDENTS</b>							
Collisions	94	74	70	4	6,786	271	20
Derailments	52	44	41	3	3,096	307	8
Highway-rail x-ing	59	56	54	2	3,358	46	3
Miscellaneous	42	36	35	1	2,995	13	6
Total.....	247	210	200	10	16,235	637	37
<b>TRAIN INCIDENTS</b>							
Coupling and uncoupling locomotives or cars.....	105	94	89	5	5,782	482	11
Coupling/uncoupling air/steam hose, safety chains.	12	9	8	1	338	19	3
Operating or on locomotives.....	297	225	203	22	12,431	623	72
Operating rail motorcars.....	16	15	14	1	660	60	1
Operating hand brakes.....	28	25	17	8	1,438	204	3
Operating switches or derails.....	8	6	6	---	260	63	2
Contacting fixed objects while on locos or cars..	34	29	28	1	2,572	122	5
Getting on or off cars or locomotives.....	228	201	175	26	10,777	1,120	27
Collisions, derailments, etc. (below \$ threshold)	78	72	69	3	4,842	452	6
Highway-rail crossing accidents/incidents.....	57	45	40	5	2,121	290	12
Struck by/ran into loco/car(not at hwy-rr x-ing).	30	24	23	1	2,062	268	6
Servicing or maintenance of equipment.....	38	27	24	3	1,003	226	11
Maintenance of way and structures.....	37	30	24	6	881	227	7
Freight, baggage, express or mail.....	13	8	8	---	229	5	5
Windows, doors, etc., on on-track equipment.....	51	48	45	3	1,104	181	3
Passenger car doors.....	4	3	3	---	42	---	1
Stumbling, slipping, falling, caught, N.O.C.....	85	69	64	5	3,405	184	16
Flying or falling objects, burns, etc., N.O.C....	67	47	42	5	1,022	24	20
Operation of on-track work equipment.....	36	30	25	5	1,423	47	6
Assault.....	32	24	23	1	698	5	8
Other occurrences.....	69	55	53	2	2,268	277	14
Total.....	1,325	1,086	983	103	55,358	4,879	239
<b>NONTRAIN INCIDENTS</b>							
Coupling and uncoupling locomotives or cars.....	262	224	202	22	9,624	1,141	38
Coupling/uncoupling air/steam hose, safety chains.	143	108	93	15	5,520	929	35
Operating or on locomotives.....	286	217	195	22	10,465	1,556	69
Operating rail motorcars.....	23	19	15	4	1,433	25	4
Operating hand brakes.....	218	185	165	20	9,962	1,211	33
Operating switches or derails.....	443	392	362	30	24,065	1,679	51
Contacting fixed objects while on locos or cars..	12	11	9	2	897	21	1
Getting on or off cars or locomotives.....	556	493	437	56	24,767	2,912	63
Collisions, derailments, etc. (below \$ threshold)	---	---	---	---	---	---	---
Highway-rail crossing accidents/incidents.....	1	1	1	---	329	---	---
Struck by/ran into loco/car(not at hwy-rr x-ing).	5	4	4	---	176	3	1
Servicing or maintenance of equipment.....	1,859	1,309	1,072	237	42,887	8,361	550
Maintenance of way and structures.....	2,447	1,684	1,284	400	49,950	10,929	763
Freight, baggage, express or mail.....	129	90	88	2	2,606	23	39
Windows, doors, etc., on on-track equipment.....	220	176	155	21	5,709	910	44
Passenger car doors.....	3	3	3	---	46	---	---
Stumbling, slipping, falling, caught, N.O.C.....	1,076	936	845	91	45,954	4,612	140
Flying or falling objects, burns, etc., N.O.C....	163	109	96	13	2,540	213	54
Operation of on-track work equipment.....	33	23	17	6	714	272	10
Assault.....	99	85	77	8	2,390	199	14
Other occurrences.....	973	698	619	79	27,463	3,332	275
Total.....	8,951	6,767	5,739	1,028	267,497	38,328	2,184
Grand total.....	10,523	8,063	6,922	1,141	339,090	43,844	2,460

**TABLE 56. EMPLOYEE ILLNESSES BY JOB GROUPS, 1995**

Type accident/incident	I*	II	III	IV	V	VI	Total
<b>TRAIN ACCIDENTS</b>							
Collisions	---	---	---	---	---	1	1
Derailments	---	---	---	---	---	---	---
Highway-rail x-ing	---	---	---	---	---	---	---
Miscellaneous	---	---	---	---	---	---	---
Total	---	---	---	---	---	1	1
<b>TRAIN INCIDENTS</b>							
Coupling and uncoupling locomotives or cars	---	---	---	---	---	---	---
Coupling/uncoupling air/steam hose, safety chains	---	---	---	---	---	---	---
Operating or on locomotives	---	---	---	---	---	22	22
Operating rail motorcars	---	---	---	---	---	---	---
Operating hand brakes	---	---	---	---	---	---	---
Operating switches or derails	---	---	---	---	---	---	---
Contacting fixed objects while on locos or cars	---	---	---	---	---	---	---
Getting on or off cars or locomotives	---	---	---	---	---	---	---
Collisions, derailments, etc. (below \$ threshold)	---	---	---	---	---	---	---
Highway-rail crossing accidents/incidents	---	---	---	---	---	6	6
Struck by/ran into loco/car(not at hwy-rr x-ing)	---	---	---	---	---	17	17
Servicing or maintenance of equipment	---	---	---	---	---	---	---
Maintenance of way and structures	---	---	---	---	---	---	---
Freight, baggage, express or mail	---	---	---	---	---	---	---
Windows, doors, etc., on on-track equipment	---	---	---	---	---	---	---
Passenger car doors	---	---	---	---	---	---	---
Stumbling, slipping, falling, caught, N. O. C.	---	---	---	---	1	---	1
Flying or falling objects, burns, etc., N. O. C.	---	---	---	---	1	1	2
Operation of on-track work equipment	---	---	---	---	---	---	---
Assault	---	---	---	---	---	---	---
Other occurrences	---	---	---	---	1	---	1
Total	---	---	---	---	3	46	49
<b>NONTRAIN INCIDENTS</b>							
Coupling and uncoupling locomotives or cars	---	---	---	---	---	2	2
Coupling/uncoupling air/steam hose, safety chains	---	---	---	---	---	2	2
Operating or on locomotives	---	---	---	---	---	8	8
Operating rail motorcars	---	---	---	---	---	---	---
Operating hand brakes	---	---	---	---	---	1	1
Operating switches or derails	---	---	---	---	---	1	1
Contacting fixed objects while on locos or cars	---	---	---	---	---	---	---
Getting on or off cars or locomotives	---	---	---	---	---	1	1
Collisions, derailments, etc. (below \$ threshold)	---	---	---	---	---	---	---
Highway-rail crossing accidents/incidents	---	---	---	---	---	---	---
Struck by/ran into loco/car(not at hwy-rr x-ing)	---	---	---	---	---	---	---
Servicing or maintenance of equipment	---	1	2	69	---	2	74
Maintenance of way and structures	---	2	34	1	---	---	37
Freight, baggage, express or mail	---	---	---	---	1	---	1
Windows, doors, etc., on on-track equipment	---	---	---	---	---	---	---
Passenger car doors	---	---	---	---	---	---	---
Stumbling, slipping, falling, caught, N. O. C.	---	---	---	1	---	1	2
Flying or falling objects, burns, etc., N. O. C.	---	1	1	1	2	---	5
Operation of on-track work equipment	---	---	2	---	---	---	2
Assault	---	2	---	---	---	1	3
Other occurrences	1	28	17	3	4	12	65
Total	1	34	56	75	7	31	204
Grand total	1	34	56	75	10	78	254

NOTE: I = Executives, officials, and staff assistants  
 II = Professional, clerical, and general  
 III = Maintenance of way and structures  
 IV = Maintenance of equipment and stores  
 V = Transportation (other than train, engine, and yard)  
 VI = Transportation (train and engine)

**TABLE 57: SUMMARY OF NON-FATAL EMPLOYEE-ON-DUTY INJURIES DUE TO ASSAULTS, 1995**

Railroad	<STRUCK by THROW/PROPELLED OBJECT WHILE:>				<<OTHER ASSAULTS>>		TOTAL CASES
	On Locomotive	On Caboose	On Cars	NOT on Consist	On Consists	NOT on Consists	
<b>CLASS I RAILROADS</b>							
Amtrak (Nat'l Railroad Passenger Corp.)	0	0	0	1	6	28	35
Atchison, Topeka & Santa Fe Railway	0	0	0	0	0	0	0
Burlington Northern Railroad Co.	1	0	0	0	1	2	4
Chicago and North Western Railway Co.	0	0	0	0	0	0	0
Consolidated Rail Corp.	0	0	0	3	0	3	6
CSX Transportation	2	0	0	0	0	1	3
Denver & Rio Grande Western Railroad	0	0	0	0	1	1	2
Grand Trunk Western Railroad Inc.	0	0	0	0	0	1	1
Illinois Central Railroad Co.	0	0	1	0	0	0	1
Kansas City Southern Railway Co.	0	0	0	0	0	0	0
Norfolk Southern Corp.	3	0	1	0	0	4	8
Soo Line Railroad Co.	1	0	0	0	1	0	2
Southern Pacific Transportation Co.	5	0	0	0	0	4	9
St. Louis Southwestern Railway Co.	0	0	0	0	0	0	0
Union Pacific Railroad Co.	4	0	0	0	0	2	6
Total Class I Railroads.....	16	0	2	4	9	46	77
<b>GROUP II RAILROADS **</b>							
Alton & Southern Railroad	0	0	0	0	0	1	1
Alaska Railroad Corp.	0	0	0	0	0	0	0
Bangor & Aroostook Railroad	0	0	0	0	0	0	0
Bessemer & Lake Erie Railroad Co.	0	0	0	0	0	0	0
Belt Railway Co. Of Chicago	0	0	0	0	0	0	0
Birmingham Southern Railroad Co.	0	0	0	0	0	0	0
Chicago, Central & Pacific Railroad	0	0	0	0	0	0	0
Delaware & Hudson Railway Co.	0	0	0	0	0	0	0
Dakota, Minnesota & Eastern Railroad	0	0	0	0	0	0	0
Duluth, Missabe & Iron Range Railway	0	0	0	0	0	0	0
Duluth, Winnipeg & Pacific Railway	0	0	0	0	0	0	0
Elgin, Joliet & Eastern Railway Co.	0	0	0	0	0	0	0
Florida East Coast Railway Co.	1	0	0	0	0	1	2
Gateway Western Railway	0	0	0	0	0	0	0
Houston Belt & Terminal Railway Co.	0	0	0	0	0	0	0
Indiana Harbor Belt Railroad Co.	0	0	0	0	0	0	0
Long Island Rail Road	0	0	0	0	0	10	10
Metro North Commuter Railroad Co.	0	0	0	0	1	20	21
Montana Rail Link	0	0	0	0	0	0	0
Northern Indiana Commuter Trans.	0	0	0	0	0	0	0
Northeast Illinois Regional Comuter	0	0	0	0	1	3	4
New Jersey Transit Rail Operations	0	0	0	0	0	5	5
Paducah & Louisville Railway Co.	0	0	0	0	0	1	1
Port Authority Trans Hudson	0	0	0	0	0	1	1
Port Terminal Railroad Assoc.	0	0	0	0	0	0	0
Southeastern Pennsylvania Trans.	1	0	0	0	3	3	7
Southern Pacific, Chicago-St. Louis	0	0	0	0	0	0	0
Springfield Terminal Railway Co.	0	0	0	0	0	0	0
Terminal Railroad Assoc. Of State Dock	0	0	0	0	0	0	0
Union Railroad Co. (Pittsburgh)	0	0	0	0	0	0	0
Wisconsin Central Ltd. (also Railway)	0	0	0	0	0	0	0
Wheeling & Lake Erie Railway Co.	0	0	0	0	0	0	0
TOTAL GROUP II RAILROADS.....	2	0	0	0	5	45	52
<b>RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)</b>							
Class I Railroads	16	0	2	4	9	46	77
Group II Railroads **	2	0	0	0	5	45	52
All Other Railroads	0	0	1	0	1	0	2
Total All Railroads	18	0	3	4	15	91	131

\*\* Group II Railroads: Railroads, excluding Class I, with annual accumulation of over 400,000 employee hours worked.

**TABLE 58. FATALITIES IN ACCIDENTS RESULTING FROM MISCELLANEOUS CAUSES BY CAUSE, 1995**

Cause	Total Killed	...Employees On Duty... Trainmen	Other	Emp Not On Duty	Passengers	Nontrespassers	Trespassers
<b>HIGHWAY-RAIL GRADE CROSSING ACCIDENTS</b>							
M301 Hwy user impairment-drug/alcohol use	1	---	---	---	---	---	1
M302 Highway user inattentiveness	16	---	---	---	---	12	4
M303 Hwy user misjudgement	8	---	1	1	---	6	1
M399 Other causes (highway-rail collisions)	11	1	---	1	---	9	1
SUBTOTAL.....	36	1	1	2	---	27	7
<b>UNUSUAL OPERATIONAL SITUATIONS</b>							
M402 Object/equipment (mtr veh) on track	1	---	---	---	---	---	1
SUBTOTAL.....	1	---	---	---	---	---	1
<b>OTHER MISCELLANEOUS</b>							
M501 Interference(not vandals)with RR op.	1	---	---	---	---	---	1
M503 Vandalism of track or track appliances	1	---	---	---	1	---	---
M505 Cause under investigation	5	4	---	4	---	---	1
SUBTOTAL.....	7	4	---	4	1	---	2
GRAND TOTAL.....	44	5	1	6	1	27	10

**TABLE 59. INJURIES IN ACCIDENTS RESULTING FROM MISCELLANEOUS CAUSES BY CAUSE, 1995**

Cause	Total Injured	...Employees On Duty... Trainmen	Other	Emp Not On Duty	Passengers	Nontrespassers	Trespassers
<b>ENVIRONMENTAL CONDITIONS</b>							
M101 Snow, ice, mud, gravel, coal, etc. on trk	5	5	---	5	---	---	---
M102 Extreme environmental - TORNADO	2	2	---	2	---	---	---
M199 Other extreme environmental conditions	2	2	---	2	---	---	---
SUBTOTAL.....	9	9	---	9	---	---	---
<b>LOADING PROCEDURES</b>							
M201 Load shifted	5	4	---	4	---	1	---
SUBTOTAL.....	5	4	---	4	---	1	---
<b>HIGHWAY-RAIL GRADE CROSSING ACCIDENTS</b>							
M301 Hwy user impairment-drug/alcohol use	3	---	---	---	2	1	---
M302 Highway user inattentiveness	59	26	3	29	---	27	3
M303 Hwy user misjudgement	4	3	---	3	---	---	1
M304 Highway user cited for violation	14	9	---	9	---	5	---
M399 Other causes (highway-rail collisions)	90	15	3	18	3	28	40
SUBTOTAL.....	170	53	6	59	3	30	73
<b>UNUSUAL OPERATIONAL SITUATIONS</b>							
M402 Object/equipment (mtr veh) on track	1	1	---	1	---	---	---
M404 Obj/equip on/fouling track, other	2	2	---	2	---	---	---
M406 Fire, other than vandalism	11	2	---	2	9	---	---
SUBTOTAL.....	14	5	---	5	9	---	---
<b>OTHER MISCELLANEOUS</b>							
M502 Vandalism of on-track equipment	1	1	---	1	---	---	---
M503 Vandalism of track or track appliances	43	4	5	9	9	25	---
M504 Fail by non-rr empto control spd of ca	1	1	---	1	---	---	---
M505 Cause under investigation	81	15	12	27	---	54	---
M599 Other miscellaneous causes	3	3	---	3	---	---	---
SUBTOTAL.....	129	24	17	41	9	79	---
GRAND TOTAL.....	327	95	23	118	12	118	74

NOTE: Includes illnesses resulting from accident, if any. Contractor employees are included with nontrespassers.

**TABLE 60. FATALITIES IN ACCIDENTS RESULTING FROM OPERATING PRACTICES  
(HUMAN FACTORS) BY CAUSE, 1995**

Cause	Total Killed	...Employees On Duty... Trainmen	Other	Emp Not On Duty	Passen- gers	Nontres- passers	Tres- passers
<b>BRAKES, USE OF</b>							
H008 Bottling the Air	1	1	---	1	---	---	---
SUBTOTAL.....	1	1	---	1	---	---	---
<b>FLAGGING, FIXED, HAND AND RADIO SIGNALS</b>							
H215 Block signal, failure to comply	2	2	---	2	---	---	---
SUBTOTAL.....	2	2	---	2	---	---	---
<b>MAIN TRACK AUTHORITY</b>							
H402 Motor car/on-trk rules, fail to comply	1	---	1	1	---	---	---
SUBTOTAL.....	1	---	1	1	---	---	---
<b>MISCELLANEOUS</b>							
H999 Other train operation/human factors	2	2	---	2	---	---	---
SUBTOTAL.....	2	2	---	2	---	---	---
GRAND TOTAL.....	6	5	1	6	---	---	---

NOTE: Includes illnesses resulting from accident, if any. Contractor employees are included with nontrespassers.

**TABLE 61. INJURIES IN ACCIDENTS RESULTING FROM OPERATING PRACTICES  
(HUMAN FACTORS) BY CAUSE, 1995**

Cause	Total Injured	.... Employees On Duty.... Trainmen	Other	Total	Emp Not On Duty	Passen- gers	Nontres- passers	Tres- passers
<b>BRAKES, USE OF</b>								
H020 Fail to apply suff. hand brakes -rr em	2	2	---	2	---	---	---	---
H021 Fail to apply car hnd brks -rr emp	1	1	---	1	---	---	---	---
H022 Fail to secure equip - not rr emp	1	1	---	1	---	---	---	---
H099 Use of brakes, other	3	1	2	3	---	---	---	---
SUBTOTAL.....	7	5	2	7	---	---	---	---
<b>EMPLOYEE PHYSICAL CONDITION</b>								
H199 Employee physical condition, other	1	---	1	1	---	---	---	---
SUBTOTAL.....	1	---	1	1	---	---	---	---
<b>FLAGGING, FIXED, HAND AND RADIO SIGNALS</b>								
H204 Fixed signal, failure to comply	7	7	---	7	---	---	---	---
H207 Hand signal, failure to comply	3	3	---	3	---	---	---	---
H210 Radio communication, failure to comply	2	2	---	2	---	---	---	---
H211 Radio communication, improper	1	1	---	1	---	---	---	---
H212 Radio comm , failure to give/receive	1	1	---	1	---	---	---	---
H215 Block signal, failure to comply	14	14	---	14	---	---	---	---
H216 Interlocking signal, failure to comply	2	2	---	2	---	---	---	---
SUBTOTAL.....	30	30	---	30	---	---	---	---
<b>GENERAL SWITCHING RULES</b>								
H302 Cars left foul	2	2	---	2	---	---	---	---
H303 Derail, failure to apply or remove	1	1	---	1	---	---	---	---
H306 Shoving movement, absence of man	6	5	---	5	---	---	1	---
H307 Shoving movement, failure to control	3	3	---	3	---	---	---	---
H309 Failure to stretch cars before shoving	1	---	1	1	---	---	---	---
H399 Other general switching rules	2	2	---	2	---	---	---	---
SUBTOTAL.....	15	13	1	14	---	---	1	---
<b>MAIN TRACK AUTHORITY</b>								
H401 Failure to stop train in clear	3	3	---	3	---	---	---	---
H402 Motor car/on-trk rules, fail to comply	11	2	9	11	---	---	---	---
H404 Fail to comply with trn order, etc.	1	---	---	---	---	---	1	---
H405 Trn orders, trk warrants, radio error	2	2	---	2	---	---	---	---
H499 Other main track authority causes	1	1	---	1	---	---	---	---
SUBTOTAL.....	18	8	9	17	---	---	1	---
<b>TRAIN HANDLING/TRAIN MAKE-UP</b>								
H503 Buff/slack action excess, trn handling	2	2	---	2	---	---	---	---
H506 Lat DB force on curve excess, make-up	1	1	---	1	---	---	---	---
H525 Independent brake, improper use	3	3	---	3	---	---	---	---
SUBTOTAL.....	6	6	---	6	---	---	---	---
<b>SPEED</b>								
H603 Train inside yard limits, excess speed	1	1	---	1	---	---	---	---
H605 Failure to comply with restricted spee	13	11	1	12	---	1	---	---
H699 Speed, other	7	4	3	7	---	---	---	---
SUBTOTAL.....	21	16	4	20	---	1	---	---
<b>SWITCHES, USE OF</b>								
H702 Switch improperly lined	4	3	1	4	---	---	---	---
H704 Switch previously run through	1	1	---	1	---	---	---	---
SUBTOTAL.....	5	4	1	5	---	---	---	---
<b>MISCELLANEOUS</b>								
H992 Op. of loco by uncert/unqual person	1	---	1	1	---	---	---	---
H993 Human factors - track	2	2	---	2	---	---	---	---
H995 Human factors - motive power & equipme	1	---	1	1	---	---	---	---
H999 Other train operation/human factors	2	2	---	2	---	---	---	---
SUBTOTAL.....	6	4	2	6	---	---	---	---
GRAND TOTAL.....	109	86	20	106	---	1	2	---

NOTE: Includes illnesses resulting from accident, if any. Contractor employees are included with nontrespassers.

**TABLE 62. FATALITIES IN ACCIDENTS RESULTING FROM MECHANICAL AND ELECTRICAL FAILURES BY CAUSE, 1995**

There were no fatalities reported in connection with train accidents caused by mechanical and electrical failures.

**TABLE 63. INJURIES IN ACCIDENTS RESULTING FROM MECHANICAL AND ELECTRICAL FAILURES BY CAUSE, 1995**

Cause	Total Injured	...Employees On Duty... Trainmen	Other	Total	Emp Not On Duty	Passengers	Nontrespassers	Trespassers
<b>BRAKES</b>								
E07C Rigging down or dragging	1	---	---	---	---	---	1	---
E09C Other brake defects, cars	1	1	---	1	---	---	---	---
SUBTOTAL.....	2	1	---	1	---	---	1	---
<b>COUPLER AND DRAFT SYSTEM</b>								
E30L Knuckle broken or defective (LOCO)	1	1	---	1	---	---	---	---
SUBTOTAL.....	1	1	---	1	---	---	---	---
<b>WHEELS</b>								
E64L Worn flange (LOCOMOTIVE)	2	2	---	2	---	---	---	---
SUBTOTAL.....	2	2	---	2	---	---	---	---
<b>LOCOMOTIVES</b>								
E74L Electrically caused fire (LOCOMOTIVE)	3	3	---	3	---	---	---	---
E79L Other locomotive defects	3	3	---	3	---	---	---	---
SUBTOTAL.....	6	6	---	6	---	---	---	---
GRAND TOTAL.....	11	10	---	10	---	---	1	---

NOTE: Includes illnesses resulting from accident, if any. Contractor employees are included with nontrespassers.



**TABLE 64. FATALITIES RESULTING FROM TRAIN ACCIDENTS CAUSED BY DEFECTS IN TRACK ROADBED AND STRUCTURE, 1995**

There were no fatalities reported in connection with train accidents caused by defects in track, roadbed and structure.

**TABLE 65. INJURIES IN ACCIDENTS RESULTING FROM TRACK, ROADBED, AND STRUCTURES BY CAUSE, 1995**

Cause	Total Injured	...Employees On Duty... Trainmen	Other	Emp Not On Duty Total	Passen- gers	Nontres- passers	Tres- passers
<b>ROADBED DEFECTS</b>							
T099 Other roadbed defects	1	1	---	1	---	---	---
SUBTOTAL.....	1	1	---	1	---	---	---
<b>TRACK GEOMETRY DEFECTS</b>							
T101 Cross level of track irregular(joints)	2	1	1	2	---	---	---
T109 Track alignment irreg(buckled/sunkink)	4	4	---	4	---	---	---
SUBTOTAL.....	6	5	1	6	---	---	---
<b>RAIL AND JOINT BAR DEFECTS</b>							
T201 Bolt hole crack or break	4	2	---	2	---	2	---
T299 Other rail and joint bar defects	4	4	---	4	---	---	---
SUBTOTAL.....	8	6	---	6	---	2	---
<b>FROGS, SWITCHES AND TRACK APPLIANCES</b>							
T314 Switch point worn or broken	1	---	---	---	---	1	---
T399 Oth frog, switch, trk appliance defect	1	1	---	1	---	---	---
SUBTOTAL.....	2	1	---	1	---	1	---
GRAND TOTAL.....	17	13	1	14	---	3	---

NOTE: Includes illnesses resulting from accident, if any. Contractor employees are included with nontrespassers.

**TABLE 66. FATALITIES IN TRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND TYPE OF PERSON, 1995**

Occurrence	Total Killed	...Employees On Duty... Trainmen	Other	Emp Not On Duty Total	Emp Not On Duty	Passen- gers	Nontres- passers	Tres- passers
<b>COUPLING AND UNCOUPLING LOCOMOTIVES OR CARS</b>								
001T Adjusting coupler, equipment moving unexpectedly	1	1	---	1	---	---	---	---
002T Adjusting coupler - equipment moving	1	1	---	1	---	---	---	---
SUBTOTAL.....	2	2	---	2	---	---	---	---
<b>OPERATING OR ON LOCOMOTIVES</b>								
104T Stumbled, slipped, fell, stepped on foreign obj, etc., - eqp moving	2	2	---	2	---	---	---	---
119T Other accidents/incidents while operating locomotives - eqp moving	1	1	---	1	---	---	---	---
SUBTOTAL.....	3	3	---	3	---	---	---	---
<b>CONTACTING FIXED OBJECTS WHILE ON LOCOMOTIVES OR CARS</b>								
402T Persons on side/end of locos/cars contacting fixed objects - eqp mov	1	1	---	1	---	---	---	---
SUBTOTAL.....	1	1	---	1	---	---	---	---
<b>GETTING ON OR OFF CARS OR LOCOMOTIVES</b>								
513T Jumping from equipment - equipment moving	2	---	---	---	---	---	---	2
519T Other acc/inc while getting on or off cars or locos - equipment mov	1	---	---	---	---	---	---	1
SUBTOTAL.....	3	---	---	---	---	---	---	3
<b>COLLISIONS, DERAILMENTS, ETC. (\$DMG BELOW THRESHOLD)</b>								
601T Casualty resulting fm a collision which did not satisfy \$ threshold	1	---	---	---	---	---	---	1
603T Casualty resulting fm oth than Rail Equip A/I(not at rail-hwy X-ing)	9	---	---	---	---	---	---	9
SUBTOTAL.....	10	---	---	---	---	---	---	10
<b>HIGHWAY-RAIL CROSSING ACCIDENTS/INCIDENTS</b>								
609T Casualty at public hwy-rail X-ing (not rptd on form 6180-54)-eqp mov	490	---	---	---	---	---	348	142
610T Casualty at private hwy-rail X-ing (Not rptd on form 6180-54)-eqp mov	52	---	---	---	---	---	35	17
SUBTOTAL.....	542	---	---	---	---	---	383	159

TABLE 66. FATALITIES IN TRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND TYPE OF PERSON, CONT., 1995

Occurrence	Total Killed	...Employees On Duty...		Emp Not On Duty	Passengers	Nontrespassers	Trespassers	
		Trainmen	Other					
<b>STRUCK BY OR RAN INTO LOCOMOTIVES OR CARS (NOT AT HWY-RAIL X-INGS)</b>								
701T Standing, walking or running on or along track - equipment moving	192	1	---	1	---	---	7	184
702T Crossing track at private rail-highway crossing - equipment moving	2	---	---	---	---	---	---	2
703T Crossing track not at a crossing - equipment moving	32	---	---	---	---	---	3	29
704T While on public thoroughfare - equipment moving	1	---	---	---	---	---	---	1
705T On bridges or trestles - equipment moving	21	---	---	---	---	---	1	20
706T Sitting or lying on track or near track, not in clear - eqp moving	186	---	---	---	---	---	6	180
707T While working on or along track - equipment moving	6	4	1	5	---	---	1	---
708T Passing over, through, or under cars - equipment moving	7	---	---	---	---	---	1	6
709T Struck by or ran into loco/car (not at hwy x-ing), misc-eqp mov	25	---	---	---	---	---	6	19
SUBTOTAL.....	472	5	1	6	---	---	25	441
<b>MAINTENANCE OF WAY AND STRUCTURES</b>								
853T Striking or being struck by eqp, structures, or material-eqp mov	4	---	4	4	---	---	---	---
SUBTOTAL.....	4	---	4	4	---	---	---	---
<b>STUMBLING, SLIPPING, FALLING, CAUGHT, NOT ELSEWHERE CLASSIFIED</b>								
935T From bridges or trestles-equipment moving	1	---	---	---	---	---	---	1
SUBTOTAL.....	1	---	---	---	---	---	---	1
<b>OPERATION OF ON-TRACK WORK EQUIPMENT</b>								
951T Collision with other on-track work equipment	1	---	1	1	---	---	---	---
SUBTOTAL.....	1	---	1	1	---	---	---	---
<b>OTHER OCCURRENCES</b>								
989T Other accidents/incidents-equipment moving	11	---	---	---	---	---	1	10
SUBTOTAL.....	11	---	---	---	---	---	1	10
GRAND TOTAL.....	1,050	11	6	17	---	---	409	624

NOTE: Contractor employees are included with nontrespassers.

**TABLE 67. INJURIES IN TRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND TYPE OF PERSON, 1995**

Occurrence	Total Injured	... Employees On Duty... Trainmen	Other	Emp Not On Duty Total	Passengers	Nontrespassers	Trespassers
<b>COUPLING AND UNCOUPLING LOCOMOTIVES OR CARS</b>							
001T Adjusting coupler, equipment moving unexpectedly	7	6	1	7	---	---	---
002T Adjusting coupler - equipment moving	2	2	---	2	---	---	---
003T Crossing over, under or between on-track equipment, equipment moving	1	1	---	1	---	---	---
004T Adjusting coupler, part of coupler fell striking person - eqp moving	1	---	1	1	---	---	---
005T Use of uncoupling lever - equipment moving	31	31	---	31	---	---	---
006T Use of uncoupling lever - equipment moving unexpectedly	2	2	---	2	---	---	---
007T Striking parts of body against equipment - equipment moving	15	15	---	15	---	---	---
008T Stumbled, slipped, fell, etc. on foreign obj/irreg surface-eqp moving	27	26	1	27	---	---	---
009T Other acc/inc while coupl/uncoupl cars or locos - equip moving	19	18	1	19	---	---	---
SUBTOTAL.....	105	101	4	105	---	---	---
<b>COUPLING/UNCOUPLING AIR OR STEAM HOSE, SAFETY CHAINS ETC.</b>							
051T Crossing over, under or between on-track equipment, equipment moving	1	1	---	1	---	---	---
052T Uncoupl air hose, struck by hose due to sudden release of air-eqp mov	2	2	---	2	---	---	---
053T Coupling air hose, stk by hose due to sudden release of air - eqp mov	1	---	1	1	---	---	---
054T Stumbled, slipped, fell, or stepped on foreign obj, etc., eqp moving	1	1	---	1	---	---	---
055T Defective equipment - equipment moving	2	1	1	2	---	---	---
057T Opening or closing angle cocks - equipment moving	1	1	---	1	---	---	---
059T Oth A/I while coupl/uncoupl air/steam hose or turn angl cock-eqp mov	4	4	---	4	---	---	---
SUBTOTAL.....	12	10	2	12	---	---	---
<b>OPERATING OR ON LOCOMOTIVES</b>							
101T Burn or electrical shock - equipment moving	3	1	2	3	---	---	---
102T Striking parts of body against equipment, moving about loco-eqp mov	23	22	1	23	---	---	---
103T Struck by tools or other objects falling - equipment moving	5	5	---	5	---	---	---
104T Stumbled, slipped, fell, stepped on foreign obj, etc., - eqp moving	14	14	---	14	---	---	---
105T Checking, oiling, servicing locomotive, etc. - equipment moving	1	1	---	1	---	---	---
106T Unexpected movement of locomotive, other than slack action	46	36	10	46	---	---	---
107T Slack action in locomotive	32	32	---	32	---	---	---
108T Striking parts of body against equipment due to sudden stop of loco	30	30	---	30	---	---	---
109T Inhalation of or contact with fumes or gases - equipment moving	20	20	---	20	---	---	---
110T Defective locomotive seat - equipment moving	17	17	---	17	---	---	---
111T Adjusting locomotive seat - equipment moving	1	1	---	1	---	---	---
112T Foreign object in eye - equipment moving	52	51	1	52	---	---	---
119T Other accidents/incidents while operating locomotives - eqp moving	53	53	---	53	---	---	---
SUBTOTAL.....	297	283	14	297	---	---	---

**TABLE 67. INJURIES IN TRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND TYPE OF PERSON, CONT., 1995**

Occurrence		Total Injured	...Employees On Duty... Trainmen Other	Emp Not On Duty	Passen- gers	Nontres- passers	Tres- passers
<b>OPERATING RAIL MOTORCARS</b>							
151T	Striking parts of body against equipment - equipment moving	3	2 1	3	---	---	---
153T	Stumbled, slipped, fell or stepped on foreign obj, etc., - eqp mov	3	3 ---	3	---	---	---
154T	Unexpected movement of rail motorcar	6	4 2	6	---	---	---
159T	Other accidents/incidents while operating rail motorcars - eqp mov	4	4 ---	4	---	---	---
	SUBTOTAL.....	16	13 3	16	---	---	---
<b>OPERATING HAND BRAKES</b>							
200T	Manipulating hand brakes, no defects, equipment moving	8	6 2	8	---	---	---
201T	Defective equipment - equipment moving	1	1 ---	1	---	---	---
203T	Striking body due to movement of equipment	2	2 ---	2	---	---	---
204T	Losing hold, slipping or falling due to coupling impact	3	3 ---	3	---	---	---
205T	Caught between parts of equipment or lading - equipment moving	1	1 ---	1	---	---	---
207T	Losing hold, slipping, or falling - equipment moving	6	6 ---	6	---	---	---
209T	Other accidents/incidents while operating hand brakes - eqp moving	7	7 ---	7	---	---	---
	SUBTOTAL.....	28	26 2	28	---	---	---
<b>OPERATING SWITCHES OR DERAILS</b>							
304T	Struck by moving on-track equipment	2	1 1	2	---	---	---
309T	Other acc/inc while operating switches/derails - equipment moving	6	5 1	6	---	---	---
	SUBTOTAL.....	8	6 2	8	---	---	---
<b>CONTACTING FIXED OBJECTS WHILE ON LOCOMOTIVES OR CARS</b>							
401T	Persons on top locos/cars contacting fixed objects - equipment mov	2	2 ---	2	---	---	---
402T	Persons on side/end of locos/cars contacting fixed objects - eqp mov	26	25 ---	25	---	---	1
409T	Persons on loco/car coming in contact with fixed obj (other)-eqp mov	8	6 1	7	---	1	---
	SUBTOTAL.....	36	33 1	34	---	1	1
<b>GETTING ON OR OFF CARS OR LOCOMOTIVES</b>							
501T	Slip/fell due to lost/missed hold of grabiron, handhold, etc. - eqp mov	18	13 ---	13	---	1	1 3
502T	Slip/fell due to losing/missing footing on step, stirrup, etc. - eqp mov	31	28 1	29	---	1	---
503T	Stepping or tripping on parts of track in place - equipment moving	7	7 ---	7	---	---	---
504T	Stepping or tripping on foreign material or irreg surface - eqp mov	43	40 2	42	1	---	---
505T	Slipping on ice or snow on ground - equipment moving	2	1 1	2	---	---	---
507T	Falling, slipping, tripping, not elsewhere classified - eqp moving	31	20 4	24	---	4	1 2
508T	Slipping/falling while boarding/alighting fm passenger eqp (moving)	8	3 ---	3	---	5	---
510T	Striking body or falling due to sudden movement of equipment	14	8 3	11	1	---	---
511T	Strike/struck by eqp/structures(not bridge/trestle), or mat -eqp mov	14	8 6	14	---	---	---

**TABLE 67. INJURIES IN TRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND TYPE OF PERSON, CONT., 1995**

Occurrence		Total Injured	...Employees On Duty... Trainmen	Other	Emp Not On Duty Total	Passengers	Nontrespassers	Trespassers	
<b>GETTING ON OR OFF CARS OR LOCOMOTIVES, cont.</b>									
513T	Jumping from equipment - equipment moving	46	28	---	28	---	9	2	7
514T	Defective equipment - equipment moving	7	7	---	7	---	---	---	---
519T	Other acc/inc while getting on or off cars or locos - equipment mov	61	46	2	48	---	4	---	9
SUBTOTAL.....		282	209	19	228	2	24	4	24
<b>COLLISIONS, DERAILMENTS, ETC. (\$DMG BELOW THRESHOLD)</b>									
601T	Casualty resulting fm a collision which did not satisfy \$ threshold	69	21	2	23	---	44	---	2
602T	Casualty resulting fm a derailment which did not satisfy \$ threshold	20	16	4	20	---	---	---	---
603T	Casualty resulting fm oth than Rail Equip A/I(not at rail-hwy X-ing)	121	22	13	35	---	64	2	20
SUBTOTAL.....		210	59	19	78	---	108	2	22
<b>HIGHWAY-RAIL CROSSING ACCIDENTS/INCIDENTS</b>									
609T	Casualty at public hwy-rail X-ing (not rptd on form 6180-54)-eqp mov	1,544	40	2	42	---	---	1,279	223
610T	Casualty at private hwy-rail X-ing (Not rptd on form 6180-54)-eqp mov	124	13	2	15	1	---	102	6
SUBTOTAL.....		1,668	53	4	57	1	---	1,381	229
<b>STRUCK BY OR RAN INTO LOCOMOTIVES OR CARS (NOT AT HWY-RAIL X-INGS)</b>									
701T	Standing, walking or running on or along track - equipment moving	130	10	1	11	---	---	4	115
703T	Crossing track not at a crossing - equipment moving	19	---	1	1	---	---	---	18
704T	While on public thoroughfare - equipment moving	4	---	---	---	---	---	---	4
705T	On bridges or trestles - equipment moving	17	---	---	---	---	---	---	17
706T	Sitting or lying on track or near track, not in clear - eqp moving	85	---	---	---	---	---	2	83
707T	While working on or along track - equipment moving	17	13	1	14	---	---	3	---
708T	Passing over, through, or under cars - equipment moving	41	---	---	---	---	---	2	39
709T	Struck by or ran into loco/car (not at hwy x-ing), misc-eqp mov	47	2	2	4	---	---	13	30
SUBTOTAL.....		360	25	5	30	---	---	24	306
<b>SERVICING OR MAINTENANCE OF EQUIPMENT</b>									
803T	Striking or being struck by eqp, structures, or material-eqp mov	21	1	20	21	---	---	---	---
815T	Moving equipment for repairs	15	2	13	15	---	---	---	---
825T	Other acc/inc while servicing or maintaining eqp-eqp moving	2	1	1	2	---	---	---	---
SUBTOTAL.....		38	4	34	38	---	---	---	---
<b>MAINTENANCE OF WAY AND STRUCTURES</b>									
853T	Striking or being struck by eqp, structures, or material-eqp mov	30	1	27	28	---	---	2	---
899T	Other accs/incs while maintaining way and structures - eqp moving	10	---	9	9	---	---	1	---
SUBTOTAL.....		40	1	36	37	---	---	3	---

**TABLE 67. INJURIES IN TRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND  
TYPE OF PERSON, CONT., 1995**

Occurrence		Total Injured	...Employees On Duty... Trainmen	Other	Emp Not On Duty	Passen- gers	Nontres- passers	Tres- passers
<b>FREIGHT, BAGGAGE, EXPRESS OR MAIL</b>								
901T	Handling freight, baggage, express or mail-eqp moving	9	---	9	9	---	---	---
902T	Struck or caught by shifted lading-eqp moving	3	3	---	3	---	---	---
903T	Tripping over, or struck by falling baggage in passenger car-eqp mov	1	---	---	---	---	1	---
904T	Other acc/inc involving freight, baggage, express, or mail - eqp mov	1	---	1	1	---	---	---
	SUBTOTAL.....	14	3	10	13	---	1	---
<b>WINDOWS, DOORS, ETC., ON ON-TRACK EQUIPMENT</b>								
910T	Closing or opening plug type car doors, defective equipment-eqp mov	2	1	1	2	---	---	---
911T	Closing or opening plug type car doors, no defects-equipment mov	1	---	1	1	---	---	---
912T	Closing or opening coach trap doors-equipment moving	4	4	---	4	---	---	---
913T	Interior doors-equipment moving	17	6	7	13	---	4	---
914T	Opening or closing locomotive doors-equipment moving	13	13	---	13	---	---	---
915T	Opening or closing locomotive windows-equipment moving	5	5	---	5	---	---	---
918T	Opening and closing other windows-equipment moving	4	1	---	1	---	3	---
919T	Other accidents/incidents involving windows or doors-eqp mov	13	11	1	12	---	1	---
	SUBTOTAL.....	59	41	10	51	---	8	---
<b>PASSENGER CAR DOORS</b>								
920T	Caught by side doors while entering coach-equipment moving	1	---	---	---	1	---	---
921T	Caught by side doors while exiting coach-equipment moving	3	---	1	1	---	2	---
922T	Dragged by train while caught in side doors, entering coach	1	---	---	---	---	1	---
924T	Struck by side doors while entering coach-equipment moving	3	2	---	2	---	1	---
926T	Striking side door while entering coach-equipment moving	1	1	---	1	---	---	---
	SUBTOTAL.....	9	3	1	4	1	4	---
<b>STUMBLING, SLIPPING, FALLING, CAUGHT, NOT ELSEWHERE CLASSIFIED</b>								
930T	Stumbling/slipping, etc. on snow or ice - equipment moving	4	4	---	4	---	---	---
931T	Stumbling/slipping, etc. on foreign mat./irregular surface-eqp mov	6	4	---	4	1	1	---
932T	Stumbling/slipping, etc. on parts of track in place-equipment moving	6	4	2	6	---	---	---
934T	Slip/fall, etc. between loco/car and other cars and struct-eqp mov	9	5	2	7	---	---	1
935T	From bridges of trestles-equipment moving	2	---	---	---	---	---	2
937T	Into depressions - equipment moving	3	2	---	2	---	---	1
938T	While on locomotive or car-equipment moving	81	30	22	52	2	21	---
939T	Other, stumbling, slipping, falling, caught, etc. - equipment moving	18	5	5	10	---	1	1
	SUBTOTAL.....	129	54	31	85	3	23	3

**TABLE 67. INJURIES IN TRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND TYPE OF PERSON, CONT., 1995**

Occurrence	Total	...Employees On Duty...		Emp Not	Passen-	Nontres-	Tres-
	Injured	Trainmen	Other	Total	gers	passers	passers
<b>FLYING OR FALLING OBJECTS, BURNS AND SIMILAR OCCURRENCES, N. O. C.</b>							
940T Foreign object in eye-equipment moving	30	25	4	29	---	1	---
941T Struck by flying of falling object (except assaults)-eqp mov	22	11	4	15	---	3	4
942T Electrical flash, shock, or burn-equipment moving	1	---	1	1	---	---	---
943T Fire or explosion of fusees or torpedoes- equipment moving	1	1	---	1	---	---	---
945T Burned by hot or corrosive substances- equipment moving	8	5	3	8	---	---	---
946T Inhalation of or contact with fumes or gases-equipment moving	11	8	1	9	2	---	---
947T Electrical inj from contact with catenary, 3rd rail, etc., equipment moving	4	3	---	3	---	---	1
949T Other A/I resulting from flying/falling objs, burns, etc. - eqp mov	2	---	1	1	---	1	---
SUBTOTAL.....	79	53	14	67	2	5	4
<b>OPERATION OF ON-TRACK WORK EQUIPMENT</b>							
950T Collision with train or car	2	---	2	2	---	---	---
951T Collision with other on-track work equipment	11	---	11	11	---	---	---
952T Jumping from equipment in anticipation of a collision	4	---	3	3	---	---	1
953T Derailment that does not satisfy monetary threshold	10	---	10	10	---	---	---
954T Getting on/off on-track work equipment - equipment moving	2	---	2	2	---	---	---
959T Other A/I involving on-track work equipment - equipment moving	8	---	8	8	---	---	---
SUBTOTAL.....	37	---	36	36	---	---	1
<b>ASSAULT</b>							
96AT Shot while on moving on-track equipment	1	1	---	1	---	---	---
96CT Struck by other propelled object while on locomotive - equip moving	15	15	---	15	---	---	---
96DT Struck by other propelled object while on car - equip moving	2	2	---	2	---	---	---
96GT Other unprovoked assaults to persons on moving on-track equipment	13	10	2	12	---	1	---
96JT Shot while on moving on-track equipment	1	1	---	1	---	---	---
96LT Other assaults connected with the protection of RR property - eqp moving	1	---	1	1	---	---	---
SUBTOTAL.....	33	29	3	32	---	1	---



**TABLE 67. INJURIES IN TRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND  
TYPE OF PERSON, CONT., 1995**

Occurrence	Total Injured	... Employees On Duty... Trainmen	Other	Emp Not On Duty Total	Passen- gers	Nontres- passers	Tres- passers
<b>OTHER OCCURRENCES</b>							
971T Loco or car coming against car placed for loading or unloading	1	1	---	1	---	---	---
972T Sudden movement of car, not otherwise classified	29	9	17	26	---	2	1
974T Slack action in caboose	6	6	---	6	---	---	---
975T Slack action, other	25	16	1	17	---	7	1
977T Emergency or severe application of air brakes not due to def eqp	3	---	---	---	---	3	---
986T Unexpected move of caboose, not slack action (include emergency & severe brking)	1	1	---	1	---	---	---
988T Other accidents/incidents while in caboose, equipment moving	4	4	---	4	---	---	---
989T Other accidents/incidents-equipment moving	50	8	6	14	---	4	9
SUBTOTAL.....	119	45	24	69	---	16	9
GRAND TOTAL.....	3,579	1,051	274	1,325	9	191	1,430

NOTE: Contractor employees are included with nontrespassers.

**TABLE 68. ILLNESSES IN TRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND TYPE OF PERSON, 1995**

Occurrence	Total Illness	...Employees On Duty... Trainmen	Other	Emp Not On Duty Total	Passen- gers	Nontres- passers	Tres- passers
<b>OPERATING OR ON LOCOMOTIVES</b>							
107T Slack action in locomotive	1	1	---	1	---	---	---
109T Inhalation of or contact with fumes or gases - equipment moving	15	15	---	15	---	---	---
119T Other accidents/incidents while operating locomotives - eqp moving	6	6	---	6	---	---	---
SUBTOTAL.....	22	22	---	22	---	---	---
<b>HIGHWAY-RAIL CROSSING ACCIDENTS/INCIDENTS</b>							
609T Casualty at public hwy-rail X-ing (not rptd on form 6180-54)-eqp mov	6	6	---	6	---	---	---
SUBTOTAL.....	6	6	---	6	---	---	---
<b>STRUCK BY OR RAN INTO LOCOMOTIVES OR CARS (NOT AT HWY-RAIL X-INGS)</b>							
701T Standing, walking or running on or along track - equipment moving	17	17	---	17	---	---	---
SUBTOTAL.....	17	17	---	17	---	---	---
<b>STUMBLING, SLIPPING, FALLING, CAUGHT, NOT ELSEWHERE CLASSIFIED</b>							
938T While on locomotive or car-equipment moving	1	---	1	1	---	---	---
SUBTOTAL.....	1	---	1	1	---	---	---
<b>FLYING OR FALLING OBJECTS, BURNS AND SIMILAR OCCURRENCES, N. O. C.</b>							
946T Inhalation of or contact with fumes or gases-equipment moving	1	1	---	1	---	---	---
949T Other A/I resulting from flying/falling objs, burns, etc. - eqp mov	1	---	1	1	---	---	---
SUBTOTAL.....	2	1	1	2	---	---	---
<b>OTHER OCCURRENCES</b>							
972T Sudden movement of car, not otherwise classified	1	---	1	1	---	---	---
SUBTOTAL.....	1	---	1	1	---	---	---
GRAND TOTAL.....	49	46	3	49	---	---	---

NOTE: Contractor employees are included with nontrespassers.

**TABLE 69. FATALITIES IN NONTRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND TYPE OF PERSON, 1995**

Occurrence		Total Killed	... Employees On Duty... Trainmen	Other	Emp Not On Duty Total	Passengers	Nontrespassers	Trespassers
<b>HIGHWAY-RAIL CROSSING ACCIDENTS/INCIDENTS</b>								
609	Casualty at public hwy-rail X-ing (not rptd on form 6180-54)-eqp std	1	---	---	---	---	1	---
	SUBTOTAL.....	1	---	---	---	---	1	---
<b>STRUCK BY OR RAN INTO LOCOMOTIVES OR CARS (NOT AT HWY-RAIL X-INGS)</b>								
701	Standing, walking or running on or along track - equipment standing	1	---	---	---	---	---	1
709	Struck by or ran into loco/car (not at hwy x-ing), misc-eqp std	1	---	---	---	---	---	1
	SUBTOTAL.....	2	---	---	---	---	---	2
<b>MAINTENANCE OF WAY AND STRUCTURES</b>								
853	Striking or being struck by eqp, structures, or material-eqp std	1	---	1	1	---	---	---
872	Other fire or explosion	1	---	1	1	---	---	---
899	Other accs/incs while maintaining way and structures - eqp standing	1	---	---	---	---	1	---
	SUBTOTAL.....	3	---	2	2	---	1	---
<b>STUMBLING, SLIPPING, FALLING, CAUGHT, NOT ELSEWHERE CLASSIFIED</b>								
935	From bridges or trestles	3	---	---	---	---	---	3
936	From structures other than bridges or trestles	1	---	---	---	---	1	---
	SUBTOTAL.....	4	---	---	---	---	1	3
<b>FLYING OR FALLING OBJECTS, BURNS AND SIMILAR OCCURRENCES, N. O. C.</b>								
942	Electrical flash, shock, or burn	3	---	---	---	---	2	1
947	Electrical injury due to contact with catenary, pantograph or 3rd rail	2	---	---	---	---	---	2
	SUBTOTAL.....	5	---	---	---	---	2	3
<b>OPERATION OF ON-TRACK WORK EQUIPMENT</b>								
959	Other A/I involving on-track work equipment - equipment standing	1	---	1	1	---	---	---
	SUBTOTAL.....	1	---	1	1	---	---	---
<b>ASSAULT</b>								
96J	Shot while on standing on-track equipment	1	---	---	---	---	---	1
	SUBTOTAL.....	1	---	---	---	---	---	1
<b>OTHER OCCURRENCES</b>								
970	Performing rerailing or other clearing operations	1	---	1	1	---	---	---
978	Motor vehicle acc/inc (other than rail-highway grade crossing)	9	---	1	1	---	3	5
989	Other accidents/incidents	19	---	---	---	1	6	12
	SUBTOTAL.....	29	---	2	2	1	9	17
	GRAND TOTAL.....	46	---	5	5	1	14	26

NOTE: Contractor employees are included with nontrespassers.

**TABLE 70. INJURIES IN NONTRAIN INCIDENTS BY SPECIFIC OCCURRENCES  
AND TYPE OF PERSON, 1995**

Occurrence	Total Injured	...Employees On Duty... Trainmen	Other	Emp Not On Duty	Passen- gers	Nontres- passers	Tres- passers
<b>COUPLING AND UNCOUPLING LOCOMOTIVES OR CARS</b>							
002 Adjusting coupler - equipment standing	70	64	5	69	1	---	---
003 Crossing over, under or between on-track equipment, equipment standing	3	3	---	3	---	---	---
004 Adjusting coupler, part of coupler fell striking person-eqp standing	16	13	3	16	---	---	---
005 Use of uncoupling lever - equipment standing	46	41	5	46	---	---	---
007 Striking parts of body against equipment - equipment standing	19	17	2	19	---	---	---
008 Stumbled, slipped, fell, stepped on foreign obj/irreg surface-eqp std	63	59	2	61	2	---	---
009 Other acc/inc while coupling/uncoupling cars or locos - equip std	48	44	4	48	---	---	---
SUBTOTAL.....	265	241	21	262	3	---	---
<b>COUPLING/UNCOUPLING AIR OR STEAM HOSE, SAFETY CHAINS ETC.</b>							
051 Crossing over, under or between on-track equipment, equipment standing	1	1	---	1	---	---	---
052 Uncoupl air hose, struck by hose due to sudden release of air-eqp std	10	8	2	10	---	---	---
053 Coupling air hose, stk by hose due to sudden release of air - eqp std	11	9	2	11	---	---	---
054 Stumbled, slipped, fell, or stepped on foreign obj, etc., eqp standing	28	25	3	28	---	---	---
055 Defective equipment - equipment standing	3	2	---	2	1	---	---
056 Burned by hot water or steam from hose - equipment standing	3	1	2	3	---	---	---
057 Opening or closing angle cocks - equipment standing	21	19	2	21	---	---	---
059 Oth A/I while coupl/uncoupl air/steam hose or turn angl cock-eqp std	67	61	6	67	---	---	---
SUBTOTAL.....	144	126	17	143	1	---	---
<b>OPERATING OR ON LOCOMOTIVES</b>							
101 Burn or electrical shock - equipment standing	9	6	3	9	---	---	---
102 Striking parts of body against equipment, moving about loco-eqp std	37	36	1	37	---	---	---
103 Struck by tools or other objects falling - equipment standing	7	6	1	7	---	---	---
104 Stumbled, slipped, fell, stepped on foreign obj, etc., - eqp std	69	58	9	67	1	---	1
105 Checking, oiling, servicing locomotive, etc. - equipment standing	20	17	3	20	---	---	---
109 Inhalation of or contact with fumes or gases - equipment standing	25	24	1	25	---	---	---
110 Defective locomotive seat - equipment standing	12	12	---	12	---	---	---
111 Adjusting locomotive seat - equipment standing	12	11	1	12	---	---	---
112 Foreign object in eye - equipment standing	28	26	2	28	---	---	---
119 Other accidents/incidents while operating locomotives - eqp standing	70	65	4	69	1	---	---
SUBTOTAL.....	289	261	25	286	2	---	1
<b>OPERATING RAIL MOTORCARS</b>							
151 Striking parts of body against equipment - equipment standing	7	3	4	7	---	---	---
153 Stumbled, slipped, fell or stepped on foreign obj, etc., - eqp std	9	5	4	9	---	---	---
155 Placing or removing rail motorcar on or off rail	4	---	4	4	---	---	---
159 Other accidents/incidents while operating rail motorcars - eqp std	3	1	2	3	---	---	---
SUBTOTAL.....	23	9	14	23	---	---	---

**TABLE 70. INJURIES IN NONTRAIN INCIDENTS BY SPECIFIC OCCURRENCES  
AND TYPE OF PERSON, CONT., 1995**

Occurrence	Total	...Employees On Duty...		Emp Not On Duty	Passen- gers	Nontres- passers	Tres- passers	
	Injured	Trainmen	Other					Total
<b>OPERATING HAND BRAKES</b>								
200	Manipulating hand brakes, no defects, equipment standing	109	99	10	109	---	---	---
201	Defective equipment - equipment standing	16	13	3	16	---	---	---
202	Pawl slipping or accidentally knocked out of ratchet - eqp standing	1	1	---	1	---	---	---
203	Striking body not due to movement of equipment	3	2	1	3	---	---	---
205	Caught between parts of equipment or lading - equipment standing	2	1	1	2	---	---	---
206	Brake chains or bolts, breaking or giving way - equipment standing	6	5	1	6	---	---	---
207	Losing hold, slipping, or falling - equipment standing	22	21	1	22	---	---	---
208	Caught hand or fingers in spinning brake wheel - equipment standing	6	6	---	6	---	---	---
209	Other accidents/incidents while operating hand brakes - eqp standing	53	46	7	53	---	---	---
	SUBTOTAL .....	218	194	24	218	---	---	---
<b>OPERATING SWITCHES OR DERAILS</b>								
301	Slipped, tripped or fell due to ice or snow	15	14	1	15	---	---	---
302	Slipped, tripped or fell not due to ice or snow	20	17	3	20	---	---	---
303	Parts of body struck or caught by mechanism of switch	19	17	2	19	---	---	---
305	Lining switches, defective equipment	76	72	4	76	---	---	---
306	Lining switches, no defects	229	203	26	229	---	---	---
307	Manipulating derail, no defects	13	6	7	13	---	---	---
308	Manipulating derail, defective equipment	1	---	1	1	---	---	---
309	Other acc/inc while operating switches/derails - equipment standing	70	65	5	70	---	---	---
	SUBTOTAL .....	443	394	49	443	---	---	---
<b>CONTACTING FIXED OBJECTS WHILE ON LOCOMOTIVES OR CARS</b>								
401	Persons on top locos/cars contacting fixed objects - equipment std	2	2	---	2	---	---	---
402	Persons on side/end of locos/cars contacting fixed objects - eqp std	5	4	1	5	---	---	---
409	Persons on loco/car coming in contact with fixed obj (other) - eqp std	13	3	2	5	---	8	---
	SUBTOTAL .....	20	9	3	12	---	8	---
<b>GETTING ON OR OFF CARS OR LOCOMOTIVES</b>								
501	Slip/fell due to lost/missed hold of grabiron, handhold, etc. - eqp std	37	21	12	33	---	3	1
502	Slip/fell due to losing/missing footing on step, stirrup, etc. - eqp std	115	77	26	103	---	11	---
503	Stepping or tripping on parts of track in place - equipment standing	15	14	1	15	---	---	---
504	Stepping or tripping on foreign material or irreg surface - eqp std	124	97	21	118	1	4	1
505	Slipping on ice or snow on ground - equipment standing	32	21	4	25	---	6	1
506	Slipping on ice/snow on cars or locomotives - equipment standing	20	16	1	17	---	3	---
507	Falling, slipping, tripping, not elsewhere classified - eqp std	66	42	16	58	1	4	2
508	Slipping/falling while boarding/alighting fm passenger eqp(standing)	110	9	12	21	2	86	1
511	Strike/struck by eqp/structures(not bridge/trestle), or mat -eqp std	23	16	3	19	---	4	---
512	Striking or being struck by bridges or trestles - equipment standing	1	1	---	1	---	---	---

**TABLE 70. INJURIES IN NONTRAIN INCIDENTS BY SPECIFIC OCCURRENCES  
AND TYPE OF PERSON, CONT., 1995**

Occurrence		Total Injured	...Employees On Duty... Trainmen	Other	Emp Not On Duty Total	Passen- gers	Nontres- passers	Tres- passers
<b>GETTING ON OR OFF CARS OR LOCOMOTIVES, cont.</b>								
513	Jumping from equipment - equipment standing	7	3	1	4	---	1	1
514	Defective equipment - equipment standing	12	11	1	12	---	---	---
519	Other acc/inc while getting on or off cars or locos - equipment std	138	105	25	130	1	7	---
	SUBTOTAL .....	700	433	123	556	5	129	7
<b>HIGHWAY- RAIL CROSSING ACCIDENTS/INCIDENTS</b>								
609	Casualty at public hwy-rail X-ing (not rptd on form 6180-54)-eqp std	50	---	1	1	---	---	44
	SUBTOTAL .....	50	---	1	1	---	---	44
<b>STRUCK BY OR RAN INTO LOCOMOTIVES OR CARS (NOT AT HWY-RAIL X-INGS)</b>								
701	Standing, walking or running on or along track - equipment standing	5	3	---	3	---	---	---
703	Crossing track not at a crossing - equipment standing	1	---	---	---	---	---	1
708	Passing over, through, or under cars - equipment standing	2	1	---	1	---	---	1
709	Struck by or ran into loco/car (not at hwy x-ing), misc-eqp std	4	---	1	1	---	---	1
	SUBTOTAL .....	12	4	1	5	---	---	1
<b>SERVICING OR MAINTENANCE OF EQUIPMENT</b>								
802	Crossing over, under, or between locos or cars - equipment standing	15	3	12	15	---	---	---
803	Striking or being struck by eqp, structures, or material-eqp std	142	5	135	140	1	---	1
804	Use of hand tools	208	2	203	205	---	---	3
805	Use of portable power tools	49	---	48	48	---	---	1
806	Use of welding equipment	22	1	21	22	---	---	---
807	Use of oxygen-acetylene, natural gas cutting equipment	14	---	14	14	---	---	---
808	Use of grinding equipment	18	1	17	18	---	---	---
809	Use of scaffolds, ladders, etc.	24	1	21	22	---	---	2
81A	Lifting parts to install while making repairs	81	3	77	80	---	---	1
810	Use of cranes, hoists, derricks, piledrivers, etc.	34	---	34	34	---	---	---
811	Use of lift trucks and other portable material handling eqp	40	---	38	38	1	---	1
812	Use of shop machinery not elsewhere classified	40	1	39	40	---	---	---
813	Loading and unloading materials	78	3	73	76	---	---	2
814	Handling material by hand	292	7	282	289	---	---	3
816	Inhalation of or contact with fumes or gases	11	3	8	11	---	---	---
817	Foreign object in eye, using eye protection	88	9	77	86	1	---	1
818	Foreign object in eye, not using eye protection	20	1	19	20	---	---	---
819	Struck by flying or falling object	81	3	71	74	---	---	7
820	Electrical flash, shock, or burn	29	---	28	28	1	---	---
822	Other fire or explosion	5	---	5	5	---	---	---
823	Burned or irritated by hot, corrosive, or toxic substances	23	---	23	23	---	---	---
824	Stumbling, slipping, falling, caught, not elsewhere classified	317	3	305	308	8	---	1
825	Other acc/inc while servicing or maintaining eqp-eqp std	267	7	256	263	1	---	3
	SUBTOTAL .....	1,898	53	1,806	1,859	13	---	26

**TABLE 70. INJURIES IN NONTRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND TYPE OF PERSON, CONT., 1995**

Occurrence	Total	...Employees On Duty...		Emp Not	Passen-	Nontres-	Tres-
	Injured	Trainmen	Other	On Duty	gers	passers	passers
<b>MAINTENANCE OF WAY AND STRUCTURES</b>							
852 Crossing over, under, or between locos or cars-eqp std	4	---	4	4	---	---	---
853 Striking or being struck by eqp, structures, or material-eqp std	119	3	112	115	1	---	3
854 Use of hand tools	316	1	307	308	---	---	8
855 Use of portable power tools	117	1	113	114	---	---	3
856 Use of welding equipment	26	---	26	26	---	---	---
857 Use of oxygen-acetylene, natural gas cutting equipment	10	---	10	10	---	---	---
858 Use of grinding equipment	21	---	20	20	---	---	1
859 Use of scaffolds, ladders, etc.	33	---	28	28	---	---	5
860 Use of cranes, hoists, derricks, piledrivers, etc.	49	---	49	49	---	---	---
861 Use of lift trucks and other portable material handling eqp	26	---	24	24	---	---	2
862 Use of shop machinery not elsewhere classified	13	---	13	13	---	---	---
863 Loading and unloading materials	220	1	213	214	---	---	6
864 Handling material by hand	345	4	332	336	---	---	9
866 Inhalation of or contact with fumes or gases	6	1	5	6	---	---	---
867 Foreign object in eye, using eye protection	56	---	53	53	1	---	2
868 Foreign object in eye, not using eye protection	16	---	16	16	---	---	---
869 Struck by flying of falling object	120	2	115	117	1	---	2
870 Electrical flash, shock, or burn	20	1	18	19	---	---	1
871 Fire or explosion of fusees or torpedoes	2	2	---	2	---	---	---
872 Other fire or explosion	5	---	5	5	---	---	---
873 Burned or irritated by hot, corrosive or toxic substances	13	---	13	13	---	---	---
874 Stumbling, slipping, falling, caught, not elsewhere classified	320	4	296	300	13	---	7
875 Use of maintenance of way equipment not elsewhere classified	42	---	42	42	---	---	---
876 Inserting or removing ties, switch timbers and tie plates by use of hand tools	73	---	69	69	---	---	4
877 Insert/remove ties, switch timbers and tie plates using portable power tools	9	---	9	9	---	---	---
878 Loading/unloading ties, switch timbers, tie plates and fastenings	50	1	46	47	---	---	3
879 Handling rail by use of power tools	13	---	13	13	---	---	---
880 Handling rail by use of hand tools	32	1	31	32	---	---	---
890 Handling/inserting/removing rail anchors (includes being struck by anchors)	32	---	32	32	---	---	---
891 Handling/inserting/removing track spikes (included being struck by flying spike)	116	---	115	115	---	---	1
892 Working on or about sgnl or comm poles, sgnl masts, sgnl cantilevers or catenary	52	1	50	51	---	---	1
893 Servicing or repairing MOW equipment at work site	63	1	62	63	---	---	---
899 Other accs/incs while maintaining way and structures - eqp standing	193	3	179	182	5	---	6
SUBTOTAL .....	2,532	27	2,420	2,447	21	---	64

**TABLE 70. INJURIES IN NONTRAIN INCIDENTS BY SPECIFIC OCCURRENCES  
AND TYPE OF PERSON, CONT., 1995**

Occurrence	Total Injured	...Employees On Duty... Trainmen	Other	Emp Not On Duty	Passen- gers	Nontres- passers	Tres- passers
<b>FREIGHT, BAGGAGE, EXPRESS OR MAIL</b>							
901 Handling freight, baggage, express or mail	120	21	99	120	---	---	---
902 Struck or caught by shifted lading	1	1	---	1	---	---	---
903 Tripping over, or struck by falling baggage in passenger car-eqp std	3	1	1	2	---	1	---
904 Other accident/incident involving freight, baggage, express, or mail	7	---	6	6	---	1	---
SUBTOTAL .....	131	23	106	129	---	2	---
<b>WINDOWS, DOORS, ETC., ON ON-TRACK EQUIPMENT</b>							
907 Opening/closing hopper or gondola hatches, end or bottom doors, eqp standing	5	---	4	4	---	---	1
908 Clo/opn frt/bag car doors, exc plug type car doors, def eqp-eqp std	16	3	12	15	---	---	1
909 Clo/opn frt/bag car doors, exc plug type car doors, no def-eqp std	23	4	17	21	---	---	2
910 Closing or opening plug type car doors, defective equipment-eqp std	4	1	3	4	---	---	---
911 Closing or opening plug type car doors, no defects-equipment std	14	3	11	14	---	---	---
912 Closing or opening coach trap doors-equipment standing	26	16	5	21	1	4	---
913 Interior doors-equipment standing	25	14	9	23	---	2	---
914 Opening or closing locomotive doors-equipment standing	54	46	7	53	---	1	---
915 Opening or closing locomotive windows-equipment standing	13	12	1	13	---	---	---
916 Opening or closing caboose doors-equipment standing	1	1	---	1	---	---	---
919 Other accidents/incidents involving windows or doors	65	24	27	51	---	10	4
SUBTOTAL .....	246	124	96	220	1	17	8
<b>PASSENGER CAR DOORS</b>							
920 Caught by side doors while entering coach-equipment standing	4	---	---	---	---	3	1
921 Caught by side doors while exiting coach-equipment standing	5	---	---	---	---	5	---
924 Struck by side doors while entering coach-equipment standing	4	---	1	1	---	3	---
925 Struck by side doors while exiting coach-equipment standing	1	---	---	---	---	1	---
926 Striking side door while entering coach-equipment standing	3	---	2	2	---	1	---
SUBTOTAL .....	17	---	3	3	---	13	1
<b>STUMBLING, SLIPPING, FALLING, CAUGHT, NOT ELSEWHERE CLASSIFIED</b>							
930 Stumbling/slipping, etc. on snow or ice	186	63	85	148	13	2	23
931 Stumbling/slipping, etc. on foreign material or irregular surface	485	259	161	420	23	---	41
932 Stumbling/slipping, etc. on parts of track in place	143	55	75	130	1	3	6
933 Stumbling/slipping, etc. on stairways, ramps or platforms	301	32	78	110	13	24	153
934 Slip/fall, etc. between loco/car and other cars and struct-eqp std	39	13	7	20	---	18	1
935 From bridges or trestles	24	6	6	12	1	---	4
936 From structures other than bridges or trestles	23	2	13	15	---	---	7
937 Into depressions	71	42	18	60	2	---	7
938 While on locomotive or car-equipment standing	78	20	26	46	1	11	17
939 Other, stumbling, slipping, falling, caught, etc.	154	55	60	115	9	2	26
SUBTOTAL .....	1,504	547	529	1,076	63	60	285



**TABLE 70. INJURIES IN NONTRAIN INCIDENTS BY SPECIFIC OCCURRENCES  
AND TYPE OF PERSON, CONT., 1995**

Occurrence	Total	...Employees On Duty...		Emp Not	Passen-	Nontres-	Tres-		
	Injured	Trainmen	Other	On Duty	gers	passers	passers	passers	
<b>FLYING OR FALLING OBJECTS, BURNS AND SIMILAR OCCURRENCES, N. O. C.</b>									
940 Foreign object in eye	68	33	30	63	5	---	---	---	
941 Struck by flying of falling object (except assaults)	72	16	35	51	2	3	16	---	
942 Electrical flash, shock, or burn	8	---	2	2	---	---	3	3	
944 Other fire or explosion	3	---	2	2	---	---	1	---	
945 Burned by hot or corrosive substances	15	6	6	12	---	---	3	---	
946 Inhalation of or contact with fumes or gases	31	17	7	24	4	1	2	---	
947 Electrical injury due to contact with catenary, pantograph or 3rd rail	2	---	1	1	---	1	---	---	
949 Other acc/inc resulting from flying/falling objs, burns, etc.	12	2	6	8	---	1	3	---	
SUBTOTAL .....	211	74	89	163	11	6	28	3	
<b>OPERATION OF ON-TRACK WORK EQUIPMENT</b>									
954 Getting on/off on-track work equipment - equipment standing	18	2	16	18	---	---	---	---	
959 Other A/I involving on-track work equipment - equipment standing	18	---	15	15	---	---	3	---	
SUBTOTAL .....	36	2	31	33	---	---	3	---	
<b>ASSAULT</b>									
96A Shot while on standing on-track equipment	1	1	---	1	---	---	---	---	
96B Shooting incidents not involving persons on on-track equipment	3	---	2	2	---	---	---	1	
96C Struck by other propelled object while on locomotive - equip standing	3	2	1	3	---	---	---	---	
96D Struck by other propelled object while on car - equip standing	1	1	---	1	---	---	---	---	
96F Struck by other propelled object, not on on-track equipment	4	2	2	4	---	---	---	---	
96G All other unprovoked assaults	58	18	23	41	6	5	6	---	
96K Shooting incidents that did not involve persons on on-track equipment	1	---	1	1	---	---	---	---	
96L Other assaults connected with the protection of RR property - eqp standing	24	1	22	23	---	---	1	---	
96M All other assaults not involving moving on-track equipment	25	10	12	22	---	2	1	---	
96N Injuries sustained by ther perpetrator of an assault	4	---	1	1	---	---	3	---	
SUBTOTAL .....	124	35	64	99	6	7	11	1	
<b>OTHER OCCURRENCES</b>									
970 Performing rerailling or other clearing operations	20	3	13	16	---	---	4	---	
978 Motor vehicle acc/inc (other than rail-highway grade crossing)	454	89	228	317	63	---	51	23	
979 Servicing and maintenance of highway vehicles	13	---	10	10	1	---	2	---	
980 Horseplay	7	---	5	5	---	2	---	---	
981 Animal bites, including snake bites	7	3	4	7	---	---	---	---	
982 Insect bites	110	47	54	101	5	1	3	---	
983 Incidents occurring in office setting involving clerical, staff, etc., personnel	205	8	188	196	8	---	1	---	
984 Contact with poisonous plants	11	---	11	11	---	---	---	---	
985 Stepping on nails or other sharp objects	40	21	17	38	1	---	1	---	
988 Other accidents/incidents while in caboose, equipment standing	1	1	---	1	---	---	---	---	
989 Other accidents/incidents	410	134	137	271	25	18	86	10	
SUBTOTAL .....	1, 278	306	667	973	103	21	148	33	
GRAND TOTAL .....	10, 141	2, 862	6, 089	8, 951	229	263	627	71	

NOTE: Contractor employees are included with nontrespassers

**TABLE 71. ILLNESSES IN NONTRAIN INCIDENTS BY SPECIFIC OCCURRENCES  
AND TYPE OF PERSON, 1995**

Occurrence	Total Illness	...Employees On Duty...	Emp Not On Duty	Passen- gers	Nontres- passers	Tres- passers
<b>COUPLING AND UNCOUPLING LOCOMOTIVES OR CARS</b>						
009 Other acc/inc while coupling/uncoupling cars or locos - equip std	2	2	---	2	---	---
SUBTOTAL .....	2	2	---	2	---	---
<b>COUPLING/UNCOUPLING AIR OR STEAM HOSE, SAFETY CHAINS ETC.</b>						
059 Oth A/I while coupl/uncoupl air/steam hose or turn angl cock-eqp std	2	2	---	2	---	---
SUBTOTAL .....	2	2	---	2	---	---
<b>OPERATING OR ON LOCOMOTIVES</b>						
109 Inhalation of or contact with fumes or gases - equipment standing	6	6	---	6	---	---
119 Other accidents/incidents while operating locomotives - eqp standing	2	2	---	2	---	---
SUBTOTAL .....	8	8	---	8	---	---
<b>OPERATING HAND BRAKES</b>						
200 Manipulating hand brakes, no defects, equipment standing	1	1	---	1	---	---
SUBTOTAL .....	1	1	---	1	---	---
<b>OPERATING SWITCHES OR DERAILS</b>						
309 Other acc/inc while operating switches/derails - equipment standing	1	1	---	1	---	---
SUBTOTAL .....	1	1	---	1	---	---
<b>GETTING ON OR OFF CARS OR LOCOMOTIVES</b>						
519 Other acc/inc while getting on or off cars or locos - equipment std	1	1	---	1	---	---
SUBTOTAL .....	1	1	---	1	---	---
<b>SERVICING OR MAINTENANCE OF EQUIPMENT</b>						
804 Use of hand tools	8	---	8	8	---	---
805 Use of portable power tools	8	---	8	8	---	---
806 Use of welding equipment	4	---	4	4	---	---
808 Use of grinding equipment	1	---	1	1	---	---
81A Lifting parts to install while making repairs	1	---	1	1	---	---
810 Use of cranes, hoists, derricks, piledrivers, etc.	2	---	2	2	---	---
811 Use of lift trucks and other portable material handling eqp	1	---	1	1	---	---
812 Use of shop machinery not elsewhere classified	1	---	1	1	---	---
814 Handling material by hand	7	---	7	7	---	---
816 Inhalation of or contact with fumes or gases	11	---	11	11	---	---
823 Burned or irritated by hot, corrosive, or toxic substances	5	---	5	5	---	---
824 Stumbling, slipping, falling, caught, not elsewhere classified	1	---	1	1	---	---
825 Other acc/inc while servicing or maintaining eqp-eqp std	24	2	22	24	---	---
SUBTOTAL .....	74	2	72	74	---	---

**TABLE 71. ILLNESSES IN NONTRAIN INCIDENTS BY SPECIFIC OCCURRENCES  
AND TYPE OF PERSON, CONT., 1995**

Occurrence	Total Illness	... Employees On Duty...	Emp Not On Duty	Passen- gers	Nontres- passers	Tres- passers
<b>MAINTENANCE OF WAY AND STRUCTURES</b>						
854 Use of hand tools	4	---	4	4	---	---
855 Use of portable power tools	2	---	2	2	---	---
856 Use of welding equipment	2	---	2	2	---	---
858 Use of grinding equipment	2	---	2	2	---	---
860 Use of cranes, hoists, derricks, piledrivers, etc.	1	---	1	1	---	---
864 Handling material by hand	3	---	3	3	---	---
866 Inhalation of or contact with fumes or gases	1	---	1	1	---	---
868 Foreign object in eye, not using eye protection	1	---	1	1	---	---
874 Stumbling, slipping, falling, caught, not elsewhere classified	1	---	1	1	---	---
877 Insert/remove ties, switch timbers and tie plates using portable power tools	1	---	1	1	---	---
891 Handling/inserting/removing track spikes (includes being struck by flying spike)	1	---	1	1	---	---
893 Servicing or repairing MOW equipment at work site	1	---	---	1	---	---
899 Other accs/incs while maintaining way and structures - eqp standing	19	---	18	18	---	1
SUBTOTAL .....	39	---	37	37	1	1
<b>FREIGHT, BAGGAGE, EXPRESS OR MAIL</b>						
901 Handling freight, baggage, express or mail	1	---	1	1	---	---
SUBTOTAL .....	1	---	1	1	---	---
<b>STUMBLING, SLIPPING, FALLING, CAUGHT, NOT ELSEWHERE CLASSIFIED</b>						
931 Stumbling/slipping, etc. on foreign material or irregular surface	1	---	1	1	---	---
939 Other, stumbling, slipping, falling, caught, etc.	1	1	---	1	---	---
SUBTOTAL .....	2	1	1	2	---	---
<b>FLYING OR FALLING OBJECTS, BURNS AND SIMILAR OCCURRENCES, N. O. C.</b>						
941 Struck by flying or falling object (except assaults)	1	---	1	1	---	---
946 Inhalation of or contact with fumes or gases	4	---	4	4	---	---
SUBTOTAL .....	5	---	5	5	---	---
<b>OPERATION OF ON-TRACK WORK EQUIPMENT</b>						
959 Other A/I involving on-track work equipment - equipment standing	2	---	2	2	---	---
SUBTOTAL .....	2	---	2	2	---	---
<b>ASSAULT</b>						
96G All other unprovoked assaults	1	1	---	1	---	---
96M All other assaults not involving moving on-track equipment	2	---	2	2	---	---
SUBTOTAL .....	3	1	2	3	---	---

**TABLE 71. ILLNESSES IN NONTRAIN INCIDENTS BY SPECIFIC OCCURRENCES  
AND TYPE OF PERSON, CONT., 1995**

<b>Occurrence</b>		<b>Total Illness</b>	<b>...Employees On Duty... Trainmen</b>	<b>Other</b>	<b>Emp Not On Duty Total</b>	<b>Passen- gers</b>	<b>Nontres- passers</b>	<b>Tres- passers</b>
<b>OTHER OCCURRENCES</b>								
970	Performing rerailling or other clearing operations	1	---	1	1	---	---	---
982	Insect bites	11	2	8	10	1	---	---
983	Incidents occurring in office setting involving clerical, staff, etc., personnel	21	---	21	21	---	---	---
984	Contact with poisonous plants	9	---	9	9	---	---	---
989	Other accidents/incidents	24	10	14	24	---	---	---
	SUBTOTAL .....	66	12	53	65	1	---	---
	GRAND TOTAL .....	207	31	173	204	2	1	---

NOTE: Contractor employees are included with nontrespassers.

**APPENDIX A**

**REPORTABILITY**

**REQUIREMENTS**

**AND**

**DEFINITIONS**

## REPORTABILITY REQUIREMENTS

The rules governing the monthly reporting of railroad accidents/incidents in effect at the end of the 1995 define a reportable accident/incident as an event arising from the operation of a railroad which, with minor exceptions results in one or more of the following circumstances:

- (a) Any impact between railroad on-track equipment and an automobile, bus, truck, motorcycle, bicycle, farm vehicle, pedestrian, or other highway user at a highway-rail crossing;
- (b) Any collision, derailment, fire, explosion, act of God, or other event involving the operation of railroad on-track equipment, standing or moving, which results in more than \$6,300 in damages to railroad on-track equipment, signals, track, track structures, and roadbed; and
- (c) Any event arising from the operation of a railroad which results in:
  - (i) the death of one or more persons;
  - (ii) an injury to one or more employee which requires medical treatment or results in: restriction of work or motion for one or more days, or one or more lost work days; transfer to another job; termination of employment; or loss of consciousness; or
  - (iii) any occupational illness of a railroad employee as diagnosed by a physician.

## DEFINITIONS

**Accident.** See "train Accident".

**Car.** A railway car designed to carry freight, railroad personnel, or passengers. This includes boxcars, covered hopper cars, flatcars, refrigerator cars, gondola cars, hopper cars, tank cars, cabooses, stock cars, ventilation cars, and special cars. It also includes on-track maintenance equipment.

**Casualty.** A fatality, a nonfatal injury, or an occupational illness resulting from railroad operations.

**Class I Railroad.** As defined by the Surface Transportation Board, U.S. Class I Railroads are those with average annual operating revenues of \$253.7 million or more.

**Consist.** On-track railroad equipment such as a train, locomotive, group of railcars, or a single railcar not coupled to another car or to a locomotive.

**Contractor Employee.** A person employed by a contractor hired by a railroad to perform normal maintenance work to railroad rolling stock, track structure, bridges, buildings, etc.

**Derailment.** A derailment occurs when one or more than one unit of rolling stock equipment leaves the rails during train operations for a cause other than collision, explosion, or fire.

**Employee.** A person engaged in railroad operations who works for a railroad company in return for financial compensation.

**Employee Not On Duty.** A railroad employee who is on railroad property for a purpose connected with his or her employment or with other railroad permission, but who is not engaged in rail operations for financial or other compensation.

**Fatality.** The death of a person resulting from an injury incurred during railroad operations or resulting from an occupational illness, if death occurs within 365 days of initial diagnosis.

**Group II Railroads.** Railroads, excluding Class I, with an annual accumulation of over 400,000 employee hours worked.

**Hazardous Materials.** Any toxic substance, explosive, corrosive material, combustible material, poison, or radioactive material that poses a risk to the public's health, safety, or property when transported in commerce.

**Highway-rail Crossing.** A location where one or more railroad tracks intersect a public or private thoroughfare, a sidewalk, or a pathway.

**Human Factor.** Behavior affecting elements of railroad employee job performance.

**Locomotive.** A self-propelled unit of on-track equipment designed for moving other rail freight and passenger equipment on railroad tracks, including self-propelled units.

**Locomotive-mile.** The movement of a locomotive under its own power the distance of one mile.

**Main Track.** Any track other than auxiliary track that extends through railroad yards or

**between stations and over which trains operate by time-table and/or train orders or the use of the track is governed by a signal system**

**Min-hour.** An industrial unit of production reflecting paid labor hours.

**Nonfatal Casualty.** Injuries and occupational illnesses incurred during railroad operations and maintenance procedures.

**Non-train Incident.** An event arising from railroad operations but not from the movement of on-track equipment, which does not exceed the reporting threshold, and results in a death, a reportable injury, or a reportable occupational illness.

**Nontrespassers.** A person who is lawfully on any part of railroad property which is used in railroad operations or a person who is adjacent to railroad premises when injured as the result of railroad operations.

**Occupational Illness.** Any abnormal condition or disorder caused by environmental factors associated with a worker's employment, but not the result of an injury.

**On-track Equipment.** Railroad rolling stock used to transport freight or passengers. Includes locomotives, railroad cars, maintenance equipment, and one or more locomotives coupled to one or more cars.

**Operating Practice.** Railroad employment performance and adherence to the established operating rules of a railroad company.

**Passenger.** A person who is on, boarding, or alighting from a railroad car for the purpose of travel, without participating in its operation.

**Public Crossing.** A location open to public travel where railroad track intersect a roadway that is under the jurisdiction and maintenance of a public authority.

**Railroad.** Any surface transportation system that carries passengers, goods, materials, or property over rails.

**Reporting Threshold.** The level of railroad property damage, resulting from a train accident involving on-track equipment, over which a railroad company must report the accident to the Federal Railroad Administration. Reportable damages include the cost of labor and the cost of repairing (or replacing in kind) damaged on-track equipment, track, track structures, or roadbed.

**Revenue Ton-miles.** Revenue freight traffic measured in ton-miles.

**Tank Car.** A railroad car consisting of a large cylindrical container attached to the railcar truck and used to transport liquids in bulk.

**Ton-mile.** A unit of measure equal to the movement of one ton of railroad lading for a distance of one mile.

**Train.** Locomotive unit or units, with or without cars, involved in railroad operations.

**Train Accident.** A collision, derailment, or other event involving the operation of railroad on-track equipment resulting in damages that exceed the reporting threshold.

**Train Incident.** Any event involving the movement of railroad on-track equipment that results



**in a death, a reportable injury, or a reportable illness, but in which railroad property damage does not exceed the reporting threshold.**

**Trainmen. Persons employed as engineers and motormen, firemen and helpers, conductors, brakemen, and flagmen engaged in passenger, freight, yard or work service, and train baggagenen. Prior to 1984 this category did not include hostlers. The Interstate Commerce Commission revised the occupational groupings in 1984 and now includes hostlers in the train and engine category.**

**Train-mile. A unit of comparative measure equal to the movement of one train for a distance of one mile.**

**Trespasser. Any person whose presence on railroad property, used in railroad operation, is prohibited or unlawful.**