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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 163 is a summary of accident/incident data reported by 688 railroads for calendar year 1994.

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 accidents; 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. Approximately 3.3% (165) of the 4,979 highway-rail accidents reported in 1994 exceeded the damage threshold required for train accidents. These 165 accidents appear in this publication as well as 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 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
(DATA)**

TABLE 1. RAILROAD OPERATIONAL PROFILE

YEAR	EMPLOYEE HOURS	MOTOR 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 (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 & HIGHWAY-RAIL TRACK DEFECTS	CROSSING IMPACTS	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	ACCIDENTS/ AVERAGE \$ DAMAGE	DAMAGE/MILL. TRAIN MILES	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

TABLE 5. TRAIN ACCIDENTS AND REPORTABLE DAMAGE BY TYPE

YEAR	TOTAL ACCIDENTS	TOTAL \$ DAMAGE	AVERAGE \$ DAMAGE	ACCIDENTS/ DAMAGE/MILL. TRAIN MILES	MILLION TRAIN MILES
COLLISIONS					
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
DERAILMENTS					
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
HIGHWAY-RAIL IMPACTS					
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
OTHER					
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

1All highway-rail collisions are included regardless of cause.

TABLE 6. TRAIN ACCIDENTS AND REPORTABLE DAMAGE BY CAUSE

YEAR	TOTAL ACCIDENTS	TOTAL \$ DAMAGE	AVERAGE \$ DAMAGE	DAMAGE/MILL. TRAIN MILES	ACCIDENTS/ MILLION TRAIN MILES

HUMAN FACTORS (EXCLUDING HIGHWAY-RAIL IMPACTS)					
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
EQUIPMENT FAILURES (EXCLUDING HIGHWAY-RAIL IMPACTS)					
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
SIGNAL AND TRACK DEFECTS (EXCLUDING HIGHWAY-RAIL IMPACTS)					
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
HIGHWAY-RAIL IMPACTS					
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
OTHER (EXCLUDING HIGHWAY-RAIL IMPACTS)					
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

TABLE 7. CASUALTIES IN ACCIDENTS/INCIDENTS

YEAR AND TYPE ACC/INC	DEATHS	INJURIES	TOTAL CASUALTIES	TOTAL ACCIDENTS/ INCIDENTS	CASUALTIES PER MILLION TRAIN MILES
TRAIN ACCIDENTS (EXCLUDING HIGHWAY-RAIL IMPACTS)					
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
TRAIN INCIDENTS (EXCLUDING HIGHWAY-RAIL IMPACTS)					
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
NONTRAIN INCIDENTS (EXCLUDING HIGHWAY-RAIL IMPACTS)					
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
HIGHWAY-RAIL ACCIDENTS/INCIDENTS (EXCLUDED FROM ABOVE)					
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
TOTAL ACCIDENTS/INCIDENTS					
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

TABLE 8. TOTAL ACCIDENTS/INCIDENTS

YEAR	TRAIN ACCIDENTS	TRAIN INCIDENTS	HIGHWAY- RAIL		TOTAL
			NONTRAIN INCIDENTS	CROSSING IMPACTS	
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	
	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

**OVERVIEW
OF
CURRENT
YEAR
(DATA)**

TABLE 10. SUMMARY OF ACCIDENTS BY TYPE OF TRACK AND SPEED RANGE, 1994

CONSIST SPEED	TOTAL ACCIDENTS	TOTAL DAMAGE	EQUIPMENT DAMAGE	TRACK DAMAGE	COLLISIONS	DERAILMENTS	OTHER ACCIDENTS	TRACK CAUSED	EQUIPMENT FAILURE	HUMAN FACTORS	OTHER CAUSES
ACCIDENTS ON MAIN LINE TRACK											
UNKNOWN	15	1,460,701	1,336,573	124,128	2	5	8	1	4	3	7
1-10	343	13,875,377	9,288,254	4,587,123	20	284	39	167	35	97	44
11-20	176	14,146,318	9,723,343	4,422,975	22	134	20	50	34	58	34
21-30	171	23,602,875	14,535,398	9,067,477	11	122	38	60	37	18	56
31-40	124	29,675,270	24,180,542	5,494,728	5	67	52	30	35	8	51
41-50	134	32,844,919	25,639,077	7,205,842	3	71	60	24	34	8	68
51-60	59	10,938,920	8,461,198	2,477,722	0	26	33	11	17	2	29
61-70	24	3,842,074	2,918,545	923,529	0	2	22	3	2	1	18
71-80	22	6,487,640	6,271,745	215,895	2	1	19	0	1	1	20
81-90	2	38,500	38,000	500	0	0	2	1	0	0	1
>=91	6	374,920	344,837	30,083	2	0	4	1	2	0	3
TOTAL	1,076	137,287,514	102,737,512	34,550,002	67	712	297	348	201	196	331
ACCIDENTS ON YARD TRACK											
UNKNOWN	31	1,226,551	998,607	227,944	4	19	8	6	4	16	5
1-10	1,261	29,585,543	22,090,014	7,495,529	146	856	259	452	69	612	128
11-20	44	1,972,291	1,427,021	545,270	9	24	11	8	5	19	12
21-30	4	2,773,728	2,363,628	410,100	1	2	1	0	1	3	0
31-40	1	231,000	231,000	0	0	1	0	1	0	0	0
TOTAL	1,341	35,789,113	27,110,270	8,678,843	160	902	279	467	79	650	145
ACCIDENTS ON INDUSTRY, SIDING OR UNKNOWN TRACK TYPE											
UNKNOWN	8	121,728	90,578	31,150	3	4	1	0	0	2	6
1-10	220	4,662,359	3,625,466	1,036,893	9	188	23	124	10	56	30
11-20	19	2,184,536	982,513	1,202,023	0	16	3	7	2	6	4
21-30	5	505,268	295,673	209,595	1	3	1	1	1	1	2
TOTAL	252	7,473,891	4,994,230	2,479,661	13	211	28	132	13	65	42
FINAL	2,669	180,550,518	134,842,012	45,708,506	240	1,825	604	947	293	911	518

TABLE 11. SUMMARY OF ACCIDENTS BY CLASS OF TRACK, 1994

TRACK CLASS	TOTAL ACCIDENTS	TOTAL DAMAGE	EQUIPMENT DAMAGE	TRACK DAMAGE	COLLISIONS	DERAILMENTS	OTHER ACCIDENTS	TRACK CAUSED	EQUIPMENT FAILURE	HUMAN FACTORS	OTHER CAUSES
?	105	2,564,432	1,831,454	732,978	7	91	7	59	9	28	9
1	1,448	41,051,903	28,911,350	12,140,553	142	1,030	276	546	85	649	168
2	396	23,352,983	15,803,223	7,549,760	40	317	39	188	42	94	72
3	277	33,420,495	23,996,180	9,424,315	20	167	90	77	56	54	90
4	372	63,441,932	50,219,726	13,222,206	22	196	154	71	85	67	149
5	63	16,455,898	13,862,841	2,593,057	7	24	32	4	11	19	29
6	8	262,875	217,238	45,637	2	0	6	2	5	0	1
TOTAL	2,669	180,550,518	134,842,012	45,708,506	240	1,825	604	947	293	911	518

TABLE 12. SUMMARY OF REPORTABLE DAMAGE, 1994

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	EqpDmg
Derailment	16,472,957	37,519,951	11,947,970	14,468,765	6,121,246	13,085,996	5,741,621	19,843,269	40,283,794	84,917,981
Head on collision	---	57,800	900	7,912	115,063	9,004,053	3,887	110,300	119,850	9,180,065
Rear end collision	---	---	32,750	3,984,859	116,021	3,177,766	85,000	2,445,000	233,771	9,607,625
Side collision	31,000	228,013	47,775	103,220	629,091	5,359,393	24,700	269,470	732,566	5,960,096
Raking collision	---	---	22,997	103,426	31,717	671,500	126,300	3,724,575	181,014	4,499,501
Broken trn collision	---	---	5,000	73,400	500	70,000	---	---	5,500	143,400
Hwy-rail crossing	---	---	---	---	---	---	1,809,761	9,991,809	1,809,761	9,991,809
RR grade crossing	---	---	---	---	---	---	---	---	---	---
Obstruction	158,524	72,501	48,700	31,850	250,982	559,239	323,016	2,116,903	781,222	2,780,493
Explosi-on-detonation	---	---	---	---	---	---	---	---	---	---
Fire/violent rupture	---	---	50,000	414,589	---	---	1,500	873,800	51,500	1,288,389
Other	486,031	1,182,855	104,833	297,897	711,073	4,391,106	207,591	600,795	1,509,528	6,472,653
TOTAL.....	17,148,512	39,061,120	12,260,925	19,485,918	7,975,693	36,319,053	8,323,376	39,975,921	45,708,506	134,842,012

TABLE 13. CASUALTIES BY TYPE OF PERSON, 1994

	Employees On Duty	Employees Not On Duty	Passengers On Trains	Non- trespassers	Trespassers	Contractor Employees	Total
TRAIN ACCIDENTS							
Fatalities.....	8	---	2	2	---	---	12
Injuries.....	143	26	70	18	---	4	261
Occupational illnesses...	1	---	---	---	---	---	1
Total casualties.....	152	26	72	20	---	4	274
TRAIN INCIDENTS							
Fatalities.....	17	---	3	36	514	1	571
Injuries.....	1,533	12	105	54	403	10	2,117
Occupational illnesses...	26	---	---	---	---	---	26
Total casualties.....	1,576	12	108	90	917	11	2,714
NONTRAIN INCIDENTS							
Fatalities.....	5	---	---	6	15	2	28
Injuries.....	11,000	266	238	403	49	237	12,193
Occupational illnesses...	251	1	---	---	---	---	252
Total casualties.....	11,256	267	238	409	64	239	12,473
HIGHWAY-RAIL CROSSING ACCIDENTS/INCIDENTS							
Fatalities.....	1	---	---	461	153	---	615
Injuries.....	119	1	84	1,438	312	1	1,955
Occupational illnesses...	7	---	---	---	---	---	7
Total casualties.....	127	1	84	1,899	465	1	2,577
GRAND TOTAL							
Fatalities.....	31	---	5	505	682	3	1,226
Injuries.....	12,795	305	497	1,913	764	252	16,526
Occupational illnesses...	285	1	---	---	---	---	286
Total casualties.....	13,111	306	502	2,418	1,446	255	18,038

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, 1994

Type of Accident/Incident	Total Killed	.. Employees On Duty.. Trainmen	Other	Emp Not On Duty Total	Passen- gers	Nontres- passers	Tres- passers	Contract Workers	
TRAIN ACCIDENTS									
Collisions.....	8	8	0	8	0	0	0	0	
Derailments.....	2	0	0	0	0	2	0	0	
Highway-rail Crossing.....	33	1	0	1	0	0	17	15	
Miscellaneous.....	2	0	0	0	0	0	2	0	
Total.....	45	9	0	9	0	2	19	15	
TRAIN INCIDENTS									
Coupling and uncoupling locomotives or cars.	4	4	0	4	0	0	0	0	
Coupling/uncoupling air/steam hose, chains..	0	0	0	0	0	0	0	0	
Operating or on locomotives.....	1	1	0	1	0	0	0	0	
Operating rail motorcars.....	0	0	0	0	0	0	0	0	
Operating hand brakes.....	1	1	0	1	0	0	0	0	
Operating switches or derails.....	0	0	0	0	0	0	0	0	
Contacting fixed objects while on locs/cars.	1	1	0	1	0	0	0	0	
Getting on or off cars or locomotives.....	10	0	0	0	0	3	0	7	
Collisions, derailments, etc. (<=\$6,300.00).	13	3	1	4	0	0	0	9	
Highway-rail crossing accidents/incidents...	578	0	0	0	0	0	440	138	
Struck by/ran into loc/car(not hwy-rr x-ing)	520	1	2	3	0	0	35	481	
Servicing or maintenance of equipment.....	1	0	1	1	0	0	0	0	
Maintenance of way and structures.....	1	0	1	1	0	0	0	0	
Freight, baggage, express or mail.....	0	0	0	0	0	0	0	0	
Windows, doors, etc., on on-track equipment.	0	0	0	0	0	0	0	0	
Passenger car doors.....	0	0	0	0	0	0	0	0	
Stumbling, slipping, falling, caught, N.O.C.	2	1	0	1	0	0	0	1	
Flying or falling objects, burns, etc., N.O.C.	0	0	0	0	0	0	0	0	
Operation of on-track work equipment.....	0	0	0	0	0	0	0	0	
Assault.....	1	0	0	0	0	0	0	1	
Other occurrences.....	16	0	0	0	0	0	1	15	
Total.....	1,149	12	5	17	0	3	476	652	
NONTRAIN INCIDENTS									
Coupling and uncoupling locomotives or cars.	0	0	0	0	0	0	0	0	
Coupling/uncoupling air/steam hose, chains..	0	0	0	0	0	0	0	0	
Operating or on locomotives.....	0	0	0	0	0	0	0	0	
Operating rail motorcars.....	0	0	0	0	0	0	0	0	
Operating hand brakes.....	0	0	0	0	0	0	0	0	
Operating switches or derails.....	0	0	0	0	0	0	0	0	
Contacting fixed objects while on locs/cars.	0	0	0	0	0	0	0	0	
Getting on or off cars or locomotives.....	0	0	0	0	0	0	0	0	
Highway-rail crossing accidents/incidents...	4	0	0	0	0	0	4	0	
Struck by/ran into loc/car(not hwy-rr x-ing)	6	0	0	0	0	0	1	5	
Servicing or maintenance of equipment.....	0	0	0	0	0	0	0	0	
Maintenance of way and structures.....	1	0	1	1	0	0	0	0	
Freight, baggage, express or mail.....	0	0	0	0	0	0	0	0	
Windows, doors, etc., on on-track equipment.	0	0	0	0	0	0	0	0	
Passenger car doors.....	0	0	0	0	0	0	0	0	
Stumbling, slipping, falling, caught, N.O.C.	2	0	0	0	0	0	0	2	
Flying or falling objects, burns, etc., N.O.C.	2	0	0	0	0	0	0	1	
Operation of on-track work equipment.....	0	0	0	0	0	0	0	0	
Assault.....	1	0	0	0	0	0	0	1	
Other occurrences.....	16	0	4	4	0	0	5	6	
Total.....	32	0	5	5	0	0	10	15	
Grand Total.....	1,226	21	10	31	0	5	505	682	

TABLE 15: INJURIES IN ACCIDENTS/INCIDENTS, BY TYPE PERSON AND OCCURRENCE, 1994

Type of Accident/Incident	Total Injured	Employees On Duty	On Duty Other	Emp Not On Duty Total	Emp Not On Duty	Passengers	Nontrespassers	Trespassers	Contract Workers
TRAIN ACCIDENTS									
Collisions.....	118	76	7	83	14	18	0	0	3
Derailments.....	120	39	7	46	12	48	14	0	0
Highway-rail Crossing.....	198	47	5	52	0	82	44	20	0
Miscellaneous.....	24	9	6	15	0	4	4	0	1
Total.....	460	171	25	196	26	152	62	20	4
TRAIN INCIDENTS									
Coupling and uncoupling locomotives or cars.....	134	128	6	134	0	0	0	0	0
Coupling/uncoupling air/steam hose, chains..	14	13	1	14	0	0	0	0	0
Operating or on locomotives.....	392	370	19	389	2	0	0	0	1
Operating rail motorcars.....	16	6	10	16	0	0	0	0	0
Operating hand brakes.....	40	39	1	40	0	0	0	0	0
Operating switches or derails.....	7	7	0	7	0	0	0	0	0
Contacting fixed objects while on locs/cars.....	49	41	4	45	0	4	0	0	0
Getting on or off cars or locomotives.....	328	243	12	255	0	35	7	31	0
Collisions, derailments, etc. (<=\$6,300.00).....	84	48	18	66	1	1	0	15	1
Highway-rail crossing accidents/incidents... 1,714	67	6	73	1	2	1,350	287	1	1
Struck by/ran into loc/car(not hwy-rr x-ing)	382	26	12	38	0	0	33	307	4
Servicing or maintenance of equipment.....	41	4	36	40	1	0	0	0	0
Maintenance of way and structures.....	74	1	72	73	1	0	0	0	0
Freight, baggage, express or mail.....	11	2	8	10	0	0	0	1	0
Windows, doors, etc., on on-track equipment.....	71	44	17	61	1	7	2	0	0
Passenger car doors.....	6	0	2	2	0	4	0	0	0
Stumbling, slipping, falling, caught, N.O.C.	129	53	25	78	0	35	3	12	1
Flying or falling objects, burns, etc., N.O.C.	90	59	18	77	1	11	0	0	1
Operation of on-track work equipment.....	24	3	20	23	0	0	0	1	0
Assault.....	50	41	5	46	0	2	0	2	0
Other occurrences.....	201	86	59	145	5	6	9	34	2
Total.....	3,857	1,281	351	1,632	13	107	1,404	690	11
NONTRAIN INCIDENTS									
Coupling and uncoupling locomotives or cars.....	332	313	17	330	0	0	0	0	2
Coupling/uncoupling air/steam hose, chains..	201	175	26	201	0	0	0	0	0
Operating or on locomotives.....	361	323	35	358	2	0	0	0	1
Operating rail motorcars.....	35	16	19	35	0	0	0	0	0
Operating hand brakes.....	230	217	13	230	0	0	0	0	0
Operating switches or derails.....	642	577	64	641	1	0	0	0	0
Contacting fixed objects while on locs/cars.....	15	7	7	14	0	1	0	0	0
Getting on or off cars or locomotives.....	778	514	134	648	6	113	5	1	5
Highway-rail crossing accidents/incidents... 50	1	0	1	0	0	0	44	5	0
Struck by/ran into loc/car(not hwy-rr x-ing)	18	3	2	5	0	0	2	7	4
Servicing or maintenance of equipment.....	2,409	51	2,321	2,372	19	0	1	0	17
Maintenance of way and structures.....	3,037	18	2,963	2,981	16	0	0	1	39
Freight, baggage, express or mail.....	113	20	92	112	0	1	0	0	0
Windows, doors, etc., on on-track equipment.....	268	134	106	240	2	18	0	1	7
Passenger car doors.....	14	3	1	4	0	10	0	0	0
Stumbling, slipping, falling, caught, N.O.C.	1,948	657	699	1,356	136	73	312	12	59
Flying or falling objects, burns, etc., N.O.C.	265	104	114	218	6	2	16	5	18
Operation of on-track work equipment.....	62	2	59	61	0	0	0	0	1
Assault.....	144	34	87	121	11	3	9	0	0
Other occurrences.....	1,573	384	940	1,324	68	17	58	22	84
Total.....	12,495	3,553	7,699	11,252	267	238	447	54	237
Grand Total.....	16,812	5,005	8,075	13,080	306	497	1,913	764	252

TABLE 16. TOTAL ACCIDENTS/INCIDENTS, 1994

Type Of Accident/Incident	..... Accidents/Incidents.		
	Total	Fatal	Nonfatal
TRAIN ACCIDENTS *			
Collisions.....	240	4	39
Derailments.....	1,825	1	34
Highway-rail crossing.....	165	27	72
Miscellaneous.....	439	2	13
Total.....	2,669	34	158
TRAIN INCIDENTS			
Coupling and uncoupling locomotives or cars.....	138	4	134
Coupling/uncoupling air/steam hose, safety chains.	14	---	14
Operating or on locomotives.....	379	1	378
Operating rail motorcars.....	16	---	16
Operating hand brakes.....	41	1	40
Operating switches or derails.....	7	---	7
Contacting fixed objects while on locos or cars..	50	1	49
Getting on or off cars or locomotives.....	335	10	325
Collisions, derailments, etc. (below \$ threshold)	86	13	73
Highway-rail crossing accidents/incidents.....	1,753	481	1,272
Struck by/ran into loco/car(not at hwy-rr x-ing).	865	507	358
Servicing or maintenance of equipment.....	40	1	39
Maintenance of way and structures.....	72	1	71
Freight, baggage, express or mail.....	11	---	11
Windows, doors, etc., on on-track equipment.....	71	---	71
Passenger car doors.....	6	---	6
Stumbling, slipping, falling, caught, N. O. C.....	130	2	128
Flying or falling objects, burns, etc., N. O. C....	87	---	87
Operation of on-track work equipment.....	22	---	22
Assault.....	49	1	48
Other occurrences.....	202	16	186
Total.....	4,374	1,039	3,335
NONTRAIN INCIDENTS			
Coupling and uncoupling locomotives or cars.....	331	---	331
Coupling/uncoupling air/steam hose, safety chains.	201	---	201
Operating or on locomotives.....	352	---	352
Operating rail motorcars.....	35	---	35
Operating hand brakes.....	230	---	230
Operating switches or derails.....	642	---	642
Contacting fixed objects while on locos or cars..	14	---	14
Getting on or off cars or locomotives.....	777	---	777
Collisions, derailments, etc. (below \$ threshold)	---	---	---
Highway-rail crossing accidents/incidents.....	44	4	40
Struck by/ran into loco/car(not at hwy-rr x-ing).	23	5	18
Servicing or maintenance of equipment.....	2,405	---	2,405
Maintenance of way and structures.....	3,027	1	3,026
Freight, baggage, express or mail.....	113	---	113
Windows, doors, etc., on on-track equipment.....	268	---	268
Passenger car doors.....	14	---	14
Stumbling, slipping, falling, caught, N. O. C.....	1,945	2	1,943
Flying or falling objects, burns, etc., N. O. C....	261	2	259
Operation of on-track work equipment.....	62	---	62
Assault.....	140	1	139
Other occurrences.....	1,528	16	1,512
Total.....	12,412	31	12,381
Grand total.....	19,455	1,104	15,874

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 includes those that exceed the 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, 1994

Month	Accs		Total Damage	Damage Per MM	Train Miles.....			
	Accs	Per MM			Locomotive	Motor	Yard Switching	Total
January	233	4.46	18,623,568	\$356,725.50	42,381,787	2,389,715	7,435,320	52,206,822
February	248	4.85	18,701,269	\$366,002.60	41,797,217	2,168,301	7,130,968	51,096,486
March	231	4.05	10,452,586	\$183,439.85	46,585,138	2,521,096	7,874,839	56,981,073
April	212	3.88	12,238,049	\$224,012.91	44,803,343	2,376,524	7,450,819	54,630,686
May	227	4.08	16,630,635	\$298,961.58	45,533,945	2,428,079	7,665,720	55,627,744
June	228	4.23	15,959,078	\$296,081.30	44,018,546	2,432,817	7,450,000	53,901,363
July	224	4.23	16,097,452	\$303,788.56	43,544,622	2,386,872	7,057,340	52,988,834
August	213	3.83	13,859,929	\$248,867.50	45,723,014	2,550,672	7,418,195	55,691,881
September	214	3.92	15,048,460	\$275,774.45	44,637,904	2,403,591	7,526,984	54,568,479
October	196	3.41	11,388,083	\$198,177.69	47,087,238	2,440,980	7,936,145	57,464,363
November	228	4.17	16,627,589	\$304,367.36	44,812,121	2,430,599	7,387,544	54,630,264
December	215	3.89	14,923,820	\$269,894.57	45,717,988	2,134,903	7,442,170	55,295,061
Total...	2,669	4.07	180,550,518	\$275,614.72	536,642,863	28,664,149	89,776,044	655,083,056

NOTE: "MM" = Million train miles

TABLE 18. SUMMARY OF TRAIN ACCIDENTS BY TYPE OF ACCIDENT, 1994

Type of Accident	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Derailment	151	159	158	142	160	175	152	148	157	131	150	142	1,825
Head on collision	5	5	1	1	5	---	4	---	---	1	3	2	27
Rear end collision	4	3	9	---	---	2	1	2	3	1	4	2	31
Side collision	16	17	11	12	12	6	11	17	11	12	15	11	151
Raking collision	1	4	5	6	2	2	2	1	1	---	---	3	27
Broken train collision	---	1	---	---	---	---	---	---	1	---	---	2	4
Hwy-rail crossing	16	14	16	12	14	14	10	13	11	15	15	15	165
RR grade crossing	---	---	---	---	---	---	---	---	---	---	---	---	---
Obstruction	10	11	7	3	4	3	8	5	8	1	4	4	68
Explosion-detonation	---	---	---	---	---	---	---	---	---	---	---	---	---
Fire or violent rupture	---	2	1	1	---	1	1	---	1	1	---	2	10
Other	30	32	23	35	30	25	35	27	21	34	37	32	361
Total	233	248	231	212	227	228	224	213	214	196	228	215	2,669

TABLE 19. SUMMARY OF TRAIN ACCIDENTS BY CAUSE AND TYPE, 1994

Cause Of Accident	-----Total-----		Collisions	Derailments	Other	Hwy Rail Crossing
	Accidents	Damage				
TRACK, ROADBED AND STRUCTURES						
Roadbed defects	51	2, 709, 466	---	48	3	---
Track geometry defects	362	17, 824, 798	1	354	7	---
Rail joint bar and anchoring	224	27, 602, 148	---	219	5	---
Frogs, switches and track appliances	242	6, 307, 563	6	216	20	---
Other way and structure	32	980, 836	---	7	25	---
Signal and communication failures	36	784, 821	6	13	17	---
Subtotal.....	947	56, 209, 632	13	857	77	---
MECHANICAL AND ELECTRICAL FAILURES						
LOCOMOTIVE FAILURE						
Brakes	---	---	---	---	---	---
Body	---	---	---	---	---	---
Coupler and draft system	---	---	---	---	---	---
Truck components	1	8, 320	---	1	---	---
Axles and journal bearings	9	1, 437, 570	---	8	1	---
Wheels	5	62, 013	---	5	---	---
Locomotives	9	1, 175, 143	1	3	5	---
General mechanical and electrical failure	5	169, 761	1	---	4	---
Subtotal (Locomotives)..	29	2, 852, 807	2	17	10	---
CAR FAILURE						
Brakes	26	5, 479, 345	3	18	5	---
Trailer or container on flat car	2	102, 600	---	1	1	---
Body	18	557, 474	---	17	1	---
Coupler and draft system	34	1, 955, 570	3	29	2	---
Truck components	74	5, 604, 112	---	72	2	---
Axles and journal bearings	50	7, 115, 163	1	48	1	---
Wheels	41	7, 502, 321	---	41	---	---
Doors	7	219, 377	---	6	1	---
General mechanical and electrical failures	12	358, 074	---	7	5	---
Subtotal (cars).....	264	28, 894, 036	7	239	18	---
TOTAL EQUIPMENT FAILURES....	293	31, 746, 843	9	256	28	---
TRAIN OPERATION - HUMAN FACTORS						
Brakes, use of	136	7, 796, 563	31	38	67	---
Employee physical condition	5	413, 202	4	1	---	---
Flagging, fixed, hand and radio signals	43	4, 155, 290	20	16	7	---
General switching rules	299	7, 979, 204	71	117	111	---
Main track authority	33	2, 553, 145	19	2	12	---
Train handling/train make-up	138	6, 026, 621	2	124	12	---
Speed	62	4, 236, 610	23	23	16	---
Switches, use of	165	4, 610, 021	20	126	19	---
Cab signals	---	---	---	---	---	---
Miscellaneous	30	6, 524, 090	5	15	10	---
Subtotal.....	911	44, 294, 746	195	462	254	---
MISCELLANEOUS FACTORS						
Environmental conditions	40	3, 865, 414	4	28	8	---
Loading procedures	35	3, 383, 245	5	20	10	---
Highway-rail grade crossing accidents	162	11, 664, 320	---	---	---	162
Unusual operational situations	127	8, 203, 059	5	89	31	2
Other miscellaneous	154	21, 183, 259	9	113	31	1
Subtotal.....	518	48, 299, 297	23	250	80	165
GRAND TOTAL.....	2, 669	180, 550, 518	240	1, 825	439	165

TABLE 20. NUMBER OF ACCIDENTS RESULTING FROM OPERATING PRACTICES BY CAUSE, 1994

Cause Of Accident	-----Total-----		Collisions	Derailments	Other	Hwy Rail Crossing
	Accidents	Damage				
BRAKES, USE OF						
H008 Bottling the Air	6	226,150	1	1	4	---
H017 Failure to secure engine- rr empl	9	204,069	2	3	4	---
H018 Fail to secure car hand brk - rr emp	34	1,332,167	5	11	18	---
H019 Fail to release hand brk - rr emp	1	332,156	---	1	---	---
H020 Fail to apply suff. hand brakes -rr em	42	1,438,771	13	8	21	---
H021 Fail to apply car hand brks -rr emp	24	904,005	5	5	14	---
H022 Fail to secure equip - not rr emp	4	97,120	2	2	---	---
H025 Fail to ctrl car spd use hand brk-r emp	5	127,000	1	1	3	---
H099 Use of brakes, other	11	3,135,125	2	6	3	---
SUBTOTAL	136	7,796,563	31	38	67	---
EMPLOYEE PHYSICAL CONDITION						
H101 Impairment because of drugs or alcohol	1	6,752	1	---	---	---
H104 Employee asleep	4	406,450	3	1	---	---
SUBTOTAL	5	413,202	4	1	---	---
FLAGGING, FIXED, HAND AND RADIO SIGNALS						
H201 Absence of fixed signal (Blue Signal)	1	---	---	---	1	---
H204 Fixed signal, failure to comply	7	754,646	4	2	1	---
H205 Flagging, improper or failure to flag	2	7,151	---	2	---	---
H206 Flagging signal, failure to comply	2	117,748	1	1	---	---
H209 Hand signal, failure to give/receive	1	41,000	1	---	---	---
H210 Radio communication, failure to comply	8	274,644	3	4	1	---
H211 Radio communication, improper	3	79,400	---	3	---	---
H212 Radio comm., failure to give/receive	4	71,250	2	1	1	---
H215 Block signal, failure to comply	9	1,933,538	6	3	---	---
H216 Interlocking signal, failure to comply	3	264,700	1	---	2	---
H299 Other signal causes	3	611,213	2	---	1	---
SUBTOTAL	43	4,155,290	20	16	7	---
GENERAL SWITCHING RULES						
H301 Car(s) shoved out & left out of clear	10	170,965	3	4	3	---
H302 Cars left foul	39	583,747	6	8	25	---
H303 Derail, failure to apply or remove	7	170,691	---	7	---	---
H305 Instruction to trn/yd crew improper	20	607,108	4	8	8	---
H306 Shoving movement, absence of man	100	2,725,314	28	41	31	---
H307 Shoving movement, failure to control	34	1,794,355	15	6	13	---
H308 Skate, failure to remove or place	2	98,712	---	2	---	---
H309 Failure to stretch cars before shoving	1	60,000	---	---	1	---
H310 Failure to couple	9	295,861	---	3	6	---
H311 Moving cars-load ramp, etc, not in pos	2	19,300	---	1	1	---
H312 Passed couplers	36	592,224	---	26	10	---
H313 Retarder, improper manual operation	6	122,755	---	3	3	---
H399 Other general switching rules	33	738,172	15	8	10	---
SUBTOTAL	299	7,979,204	71	117	111	---
MAIN TRACK AUTHORITY						
H401 Failure to stop train in clear	11	395,039	8	1	2	---
H402 Motor car/on-trk rules, fail to comply	12	419,612	3	---	9	---
H403 Movement without authority - rr emp	1	133,750	1	---	---	---
H404 Fail to comply with trn order, etc.	3	1,327,378	2	---	1	---
H499 Other main track authority causes	6	277,366	5	1	---	---
SUBTOTAL	33	2,553,145	19	2	12	---

TABLE 20. NUMBER OF ACCIDENTS RESULTING FROM OPERATING PRACTICES BY CAUSE,
CONT. , 1994

Cause Of Accident	-----Total-----		Collisions	Derailments	Other	Hwy Rail Crossing
	Accidents	Damage				
TRAIN HANDLING/TRAIN MAKE-UP						
H501 Improper train make-up at init term	2	958,380	---	2	---	---
H503 Buff/slack action excess, trn handling	50	1,793,193	---	49	1	---
H504 Buff/slack action excess, trn make-up	25	1,390,984	---	21	4	---
H505 Lat DB force on curve xcess trn hndlng	13	310,457	---	13	---	---
H506 Lat DB force on curve excess, make-up	6	147,302	---	6	---	---
H507 Lat drawbar force-short/long car combo	8	277,541	---	6	2	---
H508 Improper train make-up	4	86,900	---	2	2	---
H510 Automatic brake, insufficient	---	2,321	---	---	---	---
H513 Automatic brake, other improper use	4	138,479	---	3	1	---
H514 Fail to allow air brks to release	1	40,700	---	1	---	---
H516 Fail to cut-in brake valves-loco	1	19,763	1	---	---	---
H518 Dynamic brake, excessive	1	12,500	---	1	---	---
H519 Dynamic brake, too rapid adjustment	2	28,910	---	2	---	---
H521 Dynamic brake, other improper use	1	79,915	---	1	---	---
H522 Throttle (power), improper use	1	20,000	---	1	---	---
H523 Throttle (power), too rapid adjustment	1	78,360	---	1	---	---
H524 Excessive horsepower	2	159,700	---	2	---	---
H525 Independent brake, improper use	6	90,090	---	6	---	---
H599 Other train handling/makeup	10	391,126	1	7	2	---
SUBTOTAL	138	6,026,621	2	124	12	---
SPEED						
H601 Coupling speed excessive	18	445,866	1	8	9	---
H602 Switch movement, excessive speed	6	65,002	4	2	---	---
H603 Train inside yard limits, excess speed	9	334,777	4	4	1	---
H604 Train outside yd limits, excess speed	2	186,150	---	2	---	---
H605 Failure to comply with restricted speed	20	2,156,830	12	4	4	---
H699 Speed, other	7	1,047,985	2	3	2	---
SUBTOTAL	62	4,236,610	23	23	16	---
SWITCHES, USE OF						
H701 Spring Swtch not clear before reverse	3	218,820	---	3	---	---
H702 Switch improperly lined	99	3,071,319	19	62	18	---
H703 Switch not latched or locked	10	130,740	---	9	1	---
H704 Switch previously run through	41	1,000,893	---	41	---	---
H705 Moveable point trk frog improper lined	2	26,880	---	2	---	---
H799 Use of switches, other	10	161,369	1	9	---	---
SUBTOTAL	165	4,610,021	20	126	19	---
MISCELLANEOUS						
H992 Op. of loco by uncert/unqual person	2	58,000	1	---	1	---
H993 Human factors - track	4	475,301	---	4	---	---
H995 Human factors - motive power & equipment	2	23,200	---	2	---	---
H999 Other train operation/human factors	22	5,967,589	4	9	9	---
SUBTOTAL	30	6,524,090	5	15	10	---
GRAND TOTAL	911	44,294,746	195	462	254	---

TABLE 21. NUMBER OF ACCIDENTS RESULTING FROM MECHANICAL AND ELECTRICAL FAILURES BY CAUSE, 1994

Cause Of Accident	-----Total-----		Collisions	Derailments	Other	Hwy Rail Crossing
	Accidents	Damage				
BRAKES						
E0HC Hand brk link and/or connect defect	2	30,250	1	---	1	---
E00C Air hose uncoupled or burst	2	58,300	---	1	1	---
E03C Obstructed brake pipe	1	4,017,609	1	---	---	---
E04C Oth brk component dmg, worn, broke, etc.	1	297,626	---	1	---	---
E05C Brk valve malf. (undesired emergency)	3	618,295	---	3	---	---
E07C Rigging down or dragging	8	269,495	---	8	---	---
E08C Hand brk broken or defective	5	111,620	1	3	1	---
E09C Other brake defects, cars	4	76,150	---	2	2	---
SUBTOTAL.....	26	5,479,345	3	18	5	---
TRAILER OR CONTAINER ON FLAT CAR						
E12C Broken or defective container	1	9,600	---	---	1	---
E19C Oth trailer/container on flt car def	1	93,000	---	1	---	---
SUBTOTAL.....	2	102,600	---	1	1	---
BODY						
E20C Body bolster broken or defective	2	21,700	---	2	---	---
E21C Center sill broken or bent	4	140,300	---	4	---	---
E22C Draft sill broken or bent	2	30,581	---	2	---	---
E23C Center plate broken or defective	2	189,500	---	2	---	---
E24C Ctr plate disengaged from truck	3	101,811	---	3	---	---
E29C Other body defects, (CAR)	5	73,582	---	4	1	---
SUBTOTAL.....	18	557,474	---	17	1	---
COUPLER AND DRAFT SYSTEM						
E30C Knuckle broken or defective	4	136,420	1	3	---	---
E31C Coupler mismatch, high/low	11	145,439	1	8	2	---
E32C Coupler drawhead broken or defective	2	76,500	---	2	---	---
E33C Coupler retainer pin/cross key missing	3	402,515	---	3	---	---
E34C Draft gear/mechanism broke/defective	2	79,908	---	2	---	---
E35C Coupler carrier broken or defective	3	100,328	---	3	---	---
E36C Coupler shank broken/defective	1	558,777	---	1	---	---
E39C Oth coupler/draft system defects-car	8	455,683	1	7	---	---
SUBTOTAL.....	34	1,955,570	3	29	2	---
TRUCK COMPONENTS						
E4TC Truck hunting	7	415,119	---	7	---	---
E40C Side bearing clearance insufficient	15	929,474	---	15	---	---
E41C Side bearing clearance excessive	1	152,201	---	1	---	---
E42C Side bearing(s) broken	3	231,582	---	3	---	---
E44C Truck bolster broken	2	140,500	---	2	---	---
E46C Truck bolster stiff	39	3,294,305	---	38	1	---
E48C Broken, missing, or defective springs	1	69,730	---	1	---	---
E49C Other truck component defects, (CAR)	6	371,201	---	5	1	---
E49L Other truck component defects, (LOCO)	1	8,320	---	1	---	---
SUBTOTAL.....	75	5,612,432	---	73	2	---

TABLE 21. NUMBER OF ACCIDENTS RESULTING FROM MECHANICAL AND ELECTRICAL FAILURES BY CAUSE, CONT., 1994

Cause Of Accident	-----Total-----		Collisions	Derailments	Other	Hwy Rail Crossing
	Accidents	Damage				
AXLES AND JOURNAL BEARINGS						
E51C Broken/bent axle between wheel seats	4	307, 637	---	4	---	---
E51L Broke/bent axle btwn wheel seats-loco	8	1, 428, 570	---	8	---	---
E52C Journal (plain) failure from overheat	5	202, 376	---	5	---	---
E52L Journal (plain) fail-overheating (LOCO)	1	9, 000	---	---	1	---
E53C Journal (roller bearing) overheating	40	6, 585, 150	1	38	1	---
E59C 0th axle/journal bearing defect-car	1	20, 000	---	1	---	---
SUBTOTAL	59	8, 552, 733	1	56	2	---
WHEELS						
E6AC Thermal crack, flange or tread	2	92, 704	---	2	---	---
E60C Broken flange	4	278, 137	---	4	---	---
E61C Broken rim	5	4, 474, 400	---	5	---	---
E62C Broken plate	1	18, 700	---	1	---	---
E63C Broken hub	1	8, 400	---	1	---	---
E64C Worn Flange	10	324, 010	---	10	---	---
E64L Worn flange (LOCOMOTIVE)	5	62, 013	---	5	---	---
E66C Damaged flange or tread (flat)	3	331, 958	---	3	---	---
E67C Damaged flange or tread (build up)	4	58, 351	---	4	---	---
E69C Other wheel defects (CAR)	11	1, 915, 661	---	11	---	---
SUBTOTAL	46	7, 564, 334	---	46	---	---
LOCOMOTIVES						
E71L Traction motor failure (LOCOMOTIVE)	4	790, 300	---	3	1	---
E74L Electrically caused fire (LOCOMOTIVE)	3	335, 649	---	---	3	---
E79L Other locomotive defects	2	49, 194	1	---	1	---
SUBTOTAL	9	1, 175, 143	1	3	5	---
DOORS						
E85C Bottom outlet car door open	4	122, 664	---	4	---	---
E86C Bottom outlet door attachment defect	3	96, 713	---	2	1	---
SUBTOTAL	7	219, 377	---	6	1	---
GENERAL MECHANICAL AND ELECTRICAL FAILURES						
E99C Other mechanical/electrical failures	12	358, 074	---	7	5	---
E99L Other mechanical/electrical fail(LOCO)	5	169, 761	1	---	4	---
SUBTOTAL	17	527, 835	1	7	9	---
GRAND TOTAL	293	31, 746, 843	9	256	28	---

**TABLE 22: NUMBER OF ACCIDENTS RESULTING FROM TRACK, ROADBED AND STRUCTURES
BY CAUSE, 1994**

Cause Of Accident	-----Total-----		Collisions	Derailments	Other	Hwy Rail Crossing
	Accidents	Damage				
ROADBED DEFECTS						
T001 Roadbed settled or soft	36	1, 423, 598	---	35	1	---
T002 Washout/rain/slide/etc. dmg - track	11	1, 161, 168	---	9	2	---
T099 Other roadbed defects	4	124, 700	---	4	---	---
SUBTOTAL.....	51	2, 709, 466	---	48	3	---
TRACK GEOMETRY DEFECTS						
T101 Cross level of track irregular(joints)	45	3, 303, 103	---	45	---	---
T102 Cross level track irreg.(not at joints)	41	2, 205, 541	---	41	---	---
T103 Deviate frm uniform top of rail profil	4	92, 739	---	3	1	---
T104 Disturbed ballast section	1	171, 900	---	1	---	---
T105 Insufficient ballast section	2	47, 450	---	2	---	---
T106 Superelevation improper, excessive, etc	5	487, 001	---	5	---	---
T107 Superelevation runoff improper	1	145, 000	---	1	---	---
T108 Trk alignmnt irreg-not buckled/sunkink	7	1, 148, 055	---	7	---	---
T109 Track alignment irreg(buckled/sunkink)	35	3, 102, 787	---	35	---	---
T110 Wide gage(defective/missing crossties)	172	4, 258, 080	---	167	5	---
T111 Wide gage(spikes/other rail fasteners)	18	1, 481, 969	---	17	1	---
T112 Wide gage(loose, broke, etc, gage rods)	2	89, 786	---	2	---	---
T113 Wide gage (due to worn rails)	10	221, 548	---	10	---	---
T199 Other track geometry defects	19	1, 069, 839	1	18	---	---
SUBTOTAL.....	362	17, 824, 798	1	354	7	---
RAIL AND JOINT BAR DEFECTS						
T201 Bolt hole crack or break	8	1, 847, 900	---	8	---	---
T202 Broken base of rail	30	2, 283, 636	---	28	2	---
T204 Broken weld (field)	4	772, 485	---	4	---	---
T205 Defective or missing crossties	9	294, 559	---	9	---	---
T206 Defect/missing spike-oth rail fastener	1	25, 209	---	1	---	---
T207 Detail fracture - shelling/head check	17	3, 789, 256	---	16	1	---
T208 Engine burn fracture	2	22, 400	---	2	---	---
T210 Head and web sep(outside jt bar limit)	21	918, 886	---	21	---	---
T211 Head & web separation-in jt bar limit	4	389, 267	---	4	---	---
T212 Horizontal split head	5	335, 558	---	5	---	---
T213 Joint bar broken (compromise)	1	6, 300	---	1	---	---
T215 Joint bar broken (noninsulated)	8	1, 076, 253	---	8	---	---
T216 Joint bolts, broken, or missing	5	112, 813	---	5	---	---
T217 Mismatched rail-head contour	4	70, 041	---	4	---	---
T220 Transverse/compound fissure	32	5, 277, 520	---	32	---	---
T221 Vertical split head	40	5, 914, 481	---	39	1	---
T222 Worn rail	11	394, 147	---	10	1	---
T299 Other rail and joint bar defects	22	4, 071, 437	---	22	---	---
SUBTOTAL.....	224	27, 602, 148	---	219	5	---

TABLE 22: NUMBER OF ACCIDENTS RESULTING FROM TRACK, ROADBED AND STRUCTURES
BY CAUSE, CONT. , 1994

Cause Of Accident	-----Total-----		Collisions	Derailments	Other	Hwy Rail Crossing
	Accidents	Damage				
FROGS, SWITCHES AND TRACK APPLIANCES						
T305 Retarder worn, broken, malfunctioning	24	365,701	2	12	10	---
T306 Retarder yard skate defective	5	73,710	2	2	1	---
T307 Spring/power swtch mech. malfunction	5	67,884	---	4	1	---
T308 Stock rail worn, broken, disconnected	6	349,613	---	6	---	---
T309 Switch (hand op) stand mechanism defec	8	96,396	---	8	---	---
T310 Swtch connect/operate rod broke/defect	4	98,551	---	4	---	---
T311 Switch damaged or out of adjustment	33	836,705	---	33	---	---
T312 Switch lug/crank broken	1	19,500	---	1	---	---
T313 Switch out of adj. insuff. anchoring	4	62,275	---	4	---	---
T314 Switch point worn or broken	92	2,164,978	1	86	5	---
T315 Switch rod worn, bent, broken, etc.	6	373,522	---	6	---	---
T316 Turnout frog (rigid) worn, or broken	2	37,036	---	2	---	---
T317 Turnout frog(self guarded)-worn/broken	2	248,011	---	2	---	---
T318 Turnout frog (spring) worn, or broken	2	30,482	---	2	---	---
T319 Switch pt gap(btw n swt pt & stock rail	31	815,773	1	28	2	---
T399 0th frog, switch, trk appliance defect	17	667,426	---	16	1	---
SUBTOTAL	242	6,307,563	6	216	20	---
OTHER WAY AND STRUCTURES						
T401 Bridge misalignment or failure	1	308,000	---	---	1	---
T402 Flangeway clogged	2	95,000	---	2	---	---
T403 Engineering design or construction	1	24,500	---	1	---	---
T499 Other way and structure defect	28	553,336	---	4	24	---
SUBTOTAL	32	980,836	---	7	25	---
SIGNAL AND COMMUNICATION FAILURES						
S005 Block signal displayed false proceed	1	21,600	---	1	---	---
S006 Classyard autocontrol sys switch fail	8	121,424	---	2	6	---
S007 Class yd auto ctrl sys retarder fail	12	175,230	2	3	7	---
S008 Fixed sig improperly displayed (defect	1	128,150	---	1	---	---
S011 Power switch failure	4	75,548	---	3	1	---
S012 Radio communication equipment failure	1	55,500	1	---	---	---
S013 Other communication equipment failure	1	57,800	1	---	---	---
S099 Other signal failures	8	149,569	2	3	3	---
SUBTOTAL	36	784,821	6	13	17	---
GRAND TOTAL	947	56,209,632	13	857	77	---

**TABLE 23: NUMBER OF ACCIDENTS RESULTING FROM MISCELLANEOUS
CAUSES BY CAUSE, 1994**

Cause Of Accident	-----Total-----		Collisions	Derailments	Other	Hwy Rail Crossing
	Accidents	Damage				
ENVIRONMENTAL CONDITIONS						
M101 Snow, ice, mud, gravel, coal, etc. on trk	20	632,996	---	15	5	---
M103 Extreme environmental - FLOOD	3	329,449	---	3	---	---
M104 Extreme environmental - DENSE FOG	1	33,000	---	---	1	---
M105 Extreme wind velocity	11	767,099	2	7	2	---
M199 Other extreme environmental conditions	5	2,102,870	2	3	---	---
SUBTOTAL.....	40	3,865,414	4	28	8	---
LOADING PROCEDURES						
M201 Load shifted	11	1,034,267	4	6	1	---
M202 Load fell from car	5	1,302,301	---	5	---	---
M203 Overloaded car	1	65,500	---	1	---	---
M204 Improperly loaded car	8	702,052	---	8	---	---
M205 Oversized load, misrouted	3	37,506	---	---	3	---
M206 Trailer/container tiedown eqp improper	2	131,200	---	---	2	---
M299 Miscellaneous loading procedures	5	110,419	1	---	4	---
SUBTOTAL.....	35	3,383,245	5	20	10	---
HIGHWAY-RAIL GRADE CROSSING ACCIDENTS						
M301 Hwy user impairment-drug/alcohol use	1	16,738	---	---	---	1
M302 Highway user inattentiveness	62	2,796,459	---	---	---	62
M303 Hwy user misjudgement	32	2,744,825	---	---	---	32
M304 Highway user cited for violation	28	1,095,329	---	---	---	28
M306 Highway user unable to stop, weather	2	363,289	---	---	---	2
M399 Other causes (highway-rail collisions)	37	4,647,680	---	---	---	37
SUBTOTAL.....	162	11,664,320	---	---	---	162
UNUSUAL OPERATIONAL SITUATIONS						
M401 Emergency brke appl. to avoid accident	3	144,378	---	3	---	---
M402 Object/equipment (mtr veh) on track	6	1,053,353	---	---	6	---
M404 Obj/equip on/fouling track, other	25	1,485,338	---	12	11	2
M405 Harmonic rock off, etc.	65	4,338,069	---	65	---	---
M406 Fire, other than vandalism	3	536,500	---	---	3	---
M407 Auto hump retarder failed to slow car	16	500,995	5	2	9	---
M408 Yard skate slid and failed to stop car	4	47,845	---	2	2	---
M409 Lading chains/straps fouling switches	5	96,581	---	5	---	---
SUBTOTAL.....	127	8,203,059	5	89	31	2
OTHER MISCELLANEOUS						
M501 Interference(not vandals)with RR op.	6	473,190	1	4	1	---
M502 Vandalism of on-track equipment	16	627,961	---	12	4	---
M503 Vandalism of track or track appliances	43	2,057,690	---	31	12	---
M504 Fail by non-rr emp to control spd of ca	9	184,897	1	4	4	---
M505 Cause under investigation	16	12,520,703	2	14	---	---
M599 Other miscellaneous causes	64	5,318,818	5	48	10	1
SUBTOTAL.....	154	21,183,259	9	113	31	1
GRAND TOTAL.....	518	48,299,297	23	250	80	165

TABLE 24. DAMAGE TO EQUIPMENT IN TRAIN ACCIDENTS BY CONSIST TYPE, 1994

Type of consist	.... Collisions....		... Derailments....		..... Other.....		.. Hwy-Rail X-ing..		..... Total.....	
	Number	Damage	Number	Damage	Number	Damage	Number	Damage	Number	Damage
Freight train...	136	19,067,489	1,215	73,365,526	85	2,323,609	99	7,720,629	1,535	102,477,253
Passenger train..	17	5,686,053	28	2,893,569	64	2,405,887	47	2,075,302	156	13,060,811
Mixed train.....	1	3,800	2	287,406	---	---	---	---	3	291,206
Work train.....	7	51,534	8	220,980	1	6,802	1	10,000	17	289,316
Single car.....	29	548,368	22	189,816	56	1,038,915	5	62,882	112	1,839,981
Cut of cars.....	68	876,241	80	1,664,572	87	1,201,586	---	---	235	3,742,399
Yard/swit ching..	150	2,546,996	474	5,629,328	210	3,306,744	2	37,000	836	11,520,068
Light loco(s)....	40	610,206	37	666,784	17	257,992	4	85,996	98	1,620,978
Unknown.....	---	---	---	---	---	---	---	---	---	---
Total.....	448	29,390,687	1,866	84,917,981	520	10,541,535	158	9,991,809	2,992	134,842,012

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

TABLE 25. ACCIDENTS INVOLVING CONSISTS TRANSPORTING HAZARDOUS MATERIALS, BY TYPE ACCIDENT, 1994

Type Of Accident	Consists Carrying	..... Cars.....				People Evacuated	Damage To Equipment
		In Consist	Containing Hazmat	Damaged W/Hazmat	Releasing Hazmat		
Derailment	395	24,020	3,339	571	37	5,336	22,440,113
Head on collision	6	320	31	---	---	---	6,584,062
Rear end collision	11	674	43	1	---	---	3,516,009
Side collision	51	2,417	367	51	2	10,000	1,732,488
Raking collision	5	309	53	1	---	---	46,000
Broken train collision	1	20	1	---	---	---	50,000
Hwy-rail crossing	26	1,621	217	4	3	12	3,874,359
RR grade crossing	---	---	---	---	---	---	---
Obstruction	3	91	7	2	---	---	20,800
Explosion-detonation	---	---	---	---	---	---	---
Fire or violent rupture	1	129	27	---	---	---	12,000
Other	59	2,220	292	50	1	---	875,256
Total	558	31,821	4,377	680	43	15,348	39,151,087

TABLE 26. TRAIN ACCIDENTS INVOLVING CONSISTS TRANSPORTING HAZARDOUS MATERIALS, 1994

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
1989	517	251	55	28
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

**TABLE 27. ACCIDENTS INVOLVING CONSISTS TRANSPORTING HAZARDOUS MATERIALS,
BY CAUSE, 1994**

Cause	Consists Carrying	Cars.....			Releasing Hazmat	People Evacuated	Damage To Equipment
		In Consist	Containing Hazmat	Damaged W/Hazmat			
TRACK, ROADBED AND STRUCTURES							
Roadbed defects	12	391	72	15	---	---	590,428
Track geometry defects	81	4,318	753	131	7	385	2,883,767
Rail joint bar and anchoring	51	3,000	499	113	6	1,636	6,894,044
Frogs, switches and track appliances	38	2,286	293	40	1	---	512,671
Other way and structure	1	77	2	2	---	---	20,000
Signal and communication failures	4	149	9	3	---	---	30,400
Subtotal.....	187	10,221	1,628	304	14	2,021	10,931,310
MECHANICAL AND ELECTRICAL FAILURES							
Brakes	10	585	146	13	2	---	3,084,755
Trailer or container on flat car	2	80	9	1	1	---	95,000
Body	5	404	28	7	1	---	203,010
Coupler and draft system	7	584	49	3	---	---	398,090
Truck components	27	1,722	257	23	1	30	1,044,644
Axles and journal bearings	22	1,698	133	23	1	25	1,079,570
Wheels	10	738	57	8	2	500	1,050,879
Locomotives	1	71	5	---	---	---	12,900
Doors	---	---	---	---	---	---	---
General mechanical and electrical failures	1	85	6	---	---	---	9,600
Subtotal.....	85	5,967	690	78	8	555	6,978,448
TRAIN OPERATION - HUMAN FACTORS							
Brakes, use of	29	1,409	192	48	2	10,050	1,435,975
Employee physical condition	1	62	1	1	---	---	28,000
Flagging, fixed, hand and radio signals	17	966	110	13	2	50	1,841,250
General switching rules	67	2,691	388	58	2	---	1,090,677
Main track authority	5	411	37	---	---	---	875,509
Train handling/train make-up	35	2,587	259	34	---	2,000	1,694,504
Speed	10	431	30	3	---	---	106,200
Switches, use of	24	1,132	187	27	---	250	396,290
Cab signals	---	---	---	---	---	---	---
Miscellaneous	7	349	72	6	---	---	5,385,003
Subtotal.....	195	10,038	1,276	190	6	12,350	12,853,408
MISCELLANEOUS FACTORS							
Environmental conditions	5	211	53	33	4	---	1,948,730
Loading procedures	9	695	121	7	3	---	668,950
Highway-rail grade crossing accidents	26	1,621	217	4	3	12	3,874,359
Unusual operational situations	28	1,806	215	29	5	410	956,365
Other miscellaneous	23	1,262	177	35	---	---	939,517
Subtotal.....	91	5,595	783	108	15	422	8,387,921
GRAND TOTAL.....	558	31,821	4,377	680	43	15,348	39,151,087

TABLE 28. ACCIDENTS INVOLVING CONSISTS TRANSPORTING HAZARDOUS MATERIALS, BY STATE, 1994

State	Consists Carrying	Cars.....				People Evacuated	Damage To Equipment
		In Consist	Containing Hazmat	Damaged W/Hazmat	Releasing Hazmat		
Alabama.....	15	1,157	187	23	1	2,135	394,904
Alaska.....	1	24	24	2	1	---	45,000
Arizona.....	9	667	143	18	2	---	608,900
Arkansas.....	17	923	94	10	---	---	654,971
California.....	46	2,361	359	55	6	---	6,189,203
Colorado.....	6	335	65	5	---	---	102,020
Connecticut.....	---	---	---	---	---	---	---
Delaware.....	---	---	---	---	---	---	---
Dist of Columbia.....	---	---	---	---	---	---	---
Florida.....	5	225	57	12	---	---	69,368
Georgia.....	7	282	13	7	1	---	939,409
Idaho.....	5	335	33	10	1	---	813,000
Illinois.....	45	2,346	324	68	3	10	1,618,922
Indiana.....	8	392	78	28	---	---	355,965
Iowa.....	6	337	29	4	1	30	256,826
Kansas.....	20	1,104	115	9	---	---	1,409,945
Kentucky.....	7	395	56	15	---	---	158,700
Louisiana.....	27	1,789	391	47	4	---	693,014
Maine.....	3	121	41	16	---	---	183,900
Maryland.....	2	176	4	4	---	---	54,800
Massachusetts.....	3	73	10	---	---	---	29,000
Michigan.....	6	213	23	8	---	---	363,770
Minnesota.....	20	1,267	120	12	1	50	689,972
Mississippi.....	21	1,734	174	32	2	10,275	1,818,594
Missouri.....	13	907	108	14	1	200	1,647,650
Montana.....	14	878	75	6	1	---	281,426
Nebraska.....	16	1,108	191	18	1	---	774,050
Nevada.....	5	376	30	---	---	---	179,356
New Hampshire.....	1	67	1	---	---	---	165,000
New Jersey.....	6	188	20	17	---	---	223,260
New Mexico.....	8	415	53	3	2	---	712,580
New York.....	7	349	19	14	---	---	551,767
North Carolina.....	6	363	37	2	---	6	491,400
North Dakota.....	5	312	29	8	1	1,500	1,054,001
Ohio.....	15	776	64	17	3	500	956,170
Oklahoma.....	14	615	33	7	---	250	660,278
Oregon.....	5	199	18	5	---	---	108,200
Pennsylvania.....	12	503	106	25	2	---	532,305
Rhode Island.....	---	---	---	---	---	---	---
South Carolina.....	1	4	4	2	---	---	500
South Dakota.....	1	53	1	1	---	---	---
Tennessee.....	15	772	103	27	2	212	1,025,030
Texas.....	72	3,803	744	71	5	130	8,135,785
Utah.....	12	905	98	6	---	---	891,600
Vermont.....	1	16	2	2	---	---	9,455
Virginia.....	---	---	---	---	---	---	---
Washington.....	13	795	110	14	---	---	183,605
West Virginia.....	---	---	---	---	---	---	---
Wisconsin.....	19	1,194	82	9	---	---	611,695
Wyoming.....	18	967	109	27	2	50	2,505,791
Unknown.....	---	---	---	---	---	---	---
TOTAL.....	558	31,821	4,377	680	43	15,348	39,151,087

TABLE 29: TRAIN ACCIDENTS INVOLVING HAZARDOUS MATERIALS BY RAILROAD, 1994

Railroad	TOTAL	<<<.....C A R S.....>>>					People Evacuated	Damage to Equipment
	HAZMAT CONSISTS	In Consists	Containing Hazmat	Damaged w/Hazmat	Releasing Hazmat			
CLASS I RAILROADS								
Amtrak (Nat'l Railroad Passenger Corp.)	0	0	0	0	0	0	0	
Atchison, Topeka & Santa Fe Railway	56	3,201	473	42	3	250	5,346,254	
Burlington Northern Railroad Co.	83	5,067	479	78	6	350	6,353,214	
Chicago and North Western Railway Co.	8	529	26	3	0	0	95,780	
Consolidated Rail Corp.	21	1,104	56	49	2	500	1,175,604	
CSX Transportation	29	2,187	363	72	2	18	2,133,095	
Denver & Rio Grande Western Railroad	2	143	18	0	0	0	14,500	
Grand Trunk Western Railroad Inc.	1	79	2	2	0	0	288,500	
Illinois Central Railroad Co.	35	2,492	345	63	7	12,025	2,243,111	
Kansas City Southern Railway Co.	12	920	87	28	1	250	521,208	
Norfolk Southern Corp.	17	1,059	120	9	2	45	838,839	
Soo Line Railroad Co.	17	1,293	99	4	1	1,500	974,571	
Southern Pacific Transportation Co.	35	1,839	278	45	5	30	8,538,025	
St. Louis Southwestern Railway Co.	4	215	16	0	0	0	77,256	
Union Pacific Railroad Co.	118	7,004	1,111	105	5	50	6,205,748	
Total Class I Railroads.....	438	27,132	3,473	500	34	15,018	34,805,705	
GROUP II RAILROADS **								
Alton & Southern Railroad	4	200	26	0	0	0	37,860	
Alaska Railroad Corp.	1	24	24	2	1	0	45,000	
Bangor & Aroostook Railroad	2	85	38	13	0	0	107,900	
Bessemer & Lake Erie Railroad Co.	0	0	0	0	0	0	0	
Belt Railway Co. Of Chicago	13	438	51	14	0	0	126,925	
Birmingham Southern Railroad Co.	0	0	0	0	0	0	0	
Chicago, Central & Pacific Railroad	1	19	1	1	1	30	148,000	
Cuyahoga Valley Railway Co.	0	0	0	0	0	0	0	
Delaware & Hudson Railway Co.	3	129	13	9	0	0	730,000	
Dakota, Minnesota & Eastern Railroad	1	53	1	1	0	0	0	
Duluth, Missabe & Iron Range Railway	0	0	0	0	0	0	0	
Elgin, Joliet & Eastern Railway Co.	1	14	1	1	0	0	30,000	
Florida East Coast Railway Co.	2	78	12	0	0	0	35,600	
Fox Valley & Western Ltd.	1	34	2	2	0	0	3,200	
Gateway Western Railway	2	129	2	2	1	0	95,500	
Houston Belt & Terminal Railway Co.	0	0	0	0	0	0	0	
Indiana Harbor Belt Railroad Co.	5	280	52	8	0	0	100,754	
Long Island Rail Road	1	19	1	1	0	0	4,500	
Metro North Commuter Railroad Co.	0	0	0	0	0	0	0	
Montana Rail Link	8	491	41	6	1	0	184,050	
Northern Indiana Commuter Trans.	0	0	0	0	0	0	0	
Northeast Illinois Regional Comuter	0	0	0	0	0	0	0	
New Jersey Transit Rail Operations	0	0	0	0	0	0	0	
Paducah & Louisville Railway Co.	0	0	0	0	0	0	0	
Port Authority Trans Hudson	0	0	0	0	0	0	0	
Port Terminal Railroad Assoc.	6	289	11	9	0	0	149,300	
Southeastern Pennsylvania Trans.	0	0	0	0	0	0	0	
Southern Pacific, Chicago-St. Louis	1	13	13	1	0	0	150	
Springfield Terminal Railway Co.	2	107	5	0	0	0	180,000	
Texas Mexican 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)	15	749	78	8	0	10	740,650	
Wheeling & Lake Erie Railway Co.	0	0	0	0	0	0	0	
TOTAL GROUP II RAILROADS.....	69	3,151	372	78	4	40	2,719,389	
RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)								
Class I Railroads	438	27,132	3,473	500	34	15,018	34,805,705	
Group II Railroads **	69	3,151	372	78	4	40	2,719,389	
All Other Railroads	51	1,538	532	102	5	290	1,625,993	
Total All Railroads	558	31,821	4,377	680	43	15,348	39,151,087	

** 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, 1994

State	.... Collisions....		... Derailments....		..... Other.....		.. Hwy-Rail X-ing..		..... Total.....	
	Number	Damage	Number	Damage	Number	Damage	Number	Damage	Number	Damage
Alabama.....	4	180,469	16	1,450,488	2	18,270	5	204,715	27	1,853,942
Alaska.....	---	---	2	150,000	---	---	1	12,000	3	162,000
Arizona.....	1	12,400	19	2,374,654	2	54,600	---	---	22	2,441,654
Arkansas.....	5	169,702	54	1,977,888	5	66,136	5	165,065	69	2,378,791
California.....	18	5,404,798	92	7,540,362	19	364,929	15	327,777	144	13,637,866
Colorado.....	5	121,600	31	2,974,434	5	59,869	2	252,313	43	3,408,216
Connecticut.....	4	128,816	10	215,398	19	460,356	3	182,556	36	987,126
Delaware.....	---	---	3	251,000	3	207,985	1	63,800	7	522,785
Dist of Columbia.....	2	418,750	5	75,399	2	31,373	---	---	9	525,522
Florida.....	5	221,661	14	2,072,012	3	59,905	5	137,348	27	2,490,926
Georgia.....	10	503,090	22	1,575,549	3	29,250	5	306,236	40	2,414,125
Idaho.....	1	56,000	32	2,363,793	4	208,450	---	---	37	2,628,243
Illinois.....	39	1,167,995	190	9,728,042	37	1,051,982	13	662,979	279	12,610,998
Indiana.....	6	132,730	45	1,797,493	4	82,487	5	149,779	60	2,162,489
Iowa.....	6	158,532	44	3,670,807	18	406,567	3	103,559	71	4,339,465
Kansas.....	4	1,078,100	60	3,214,293	26	1,437,000	4	144,400	94	5,873,793
Kentucky.....	4	151,700	22	1,246,834	1	22,000	2	30,122	29	1,450,656
Louisiana.....	7	292,613	48	2,130,297	8	177,850	8	281,955	71	2,882,715
Maine.....	---	---	4	273,618	1	28,000	---	---	5	301,618
Maryland.....	3	136,323	4	145,291	2	26,875	---	---	9	308,489
Massachusetts.....	---	---	9	230,081	2	77,300	2	67,575	13	374,956
Michigan.....	5	159,995	54	1,438,235	3	37,200	1	487,325	63	2,122,755
Minnesota.....	4	190,965	67	3,196,897	26	611,274	3	142,600	100	4,141,736
Mississippi.....	5	1,350,354	58	2,911,915	8	181,673	9	563,338	80	5,007,280
Missouri.....	5	1,300,530	53	4,475,374	21	513,313	8	1,581,094	87	7,870,311
Montana.....	5	344,275	30	1,809,518	7	401,260	1	186,599	43	2,741,652
Nebraska.....	6	2,945,365	56	8,911,158	26	771,367	6	95,533	94	12,723,423
Nevada.....	---	---	11	736,201	1	10,950	1	63,340	13	810,491
New Hampshire.....	---	---	3	252,321	---	---	---	---	3	252,321
New Jersey.....	5	374,540	13	393,507	13	381,293	3	318,000	34	1,467,340
New Mexico.....	3	83,950	10	399,610	5	72,470	2	862,000	20	1,418,030
New York.....	11	2,126,154	54	5,095,866	27	1,316,822	4	133,896	96	8,672,738
North Carolina.....	7	3,820,325	17	1,232,764	2	108,478	6	300,400	32	5,461,967
North Dakota.....	---	---	35	3,002,847	3	38,700	1	70,000	39	3,111,547
Ohio.....	7	675,905	51	5,470,699	4	109,372	5	127,672	67	6,383,648
Oklahoma.....	2	18,500	36	2,172,286	6	98,933	5	235,420	49	2,525,139
Oregon.....	4	72,834	30	1,458,196	3	32,900	1	27,200	38	1,591,130
Pennsylvania.....	9	322,636	92	5,631,504	7	337,464	3	32,407	111	6,324,011
Rhode Island.....	1	15,750	1	68,000	---	---	---	---	2	83,750
South Carolina.....	---	---	8	117,025	---	---	1	640,500	9	757,525
South Dakota.....	---	---	29	2,821,961	---	---	---	---	29	2,821,961
Tennessee.....	3	51,500	38	1,558,557	9	230,500	4	803,500	54	2,644,057
Texas.....	22	6,062,071	149	8,398,415	43	814,390	15	625,128	229	15,900,004
Utah.....	1	30,400	24	3,286,600	9	172,150	2	538,805	36	4,027,955
Vermont.....	---	---	3	87,871	---	---	---	---	3	87,871
Virginia.....	3	62,350	24	2,031,329	2	207,850	2	824,301	31	3,125,830
Washington.....	1	55,710	46	1,342,895	17	393,967	---	---	64	1,792,572
West Virginia.....	2	39,600	14	1,794,156	---	---	1	9,067	17	1,842,823
Wisconsin.....	4	177,400	54	1,832,686	24	942,701	2	41,266	84	2,994,053
Wyoming.....	1	47,000	39	7,815,649	7	227,574	---	---	47	8,090,223
Unknown.....	---	---	---	---	---	---	---	---	---	---
TOTAL.....	240	30,663,388	1,825	125,201,775	439	12,883,785	165	11,801,570	2,669	180,550,518

TABLE 31: TRAIN ACCIDENTS BY STATE AND CAUSE OF ACCIDENT, 1994

State	Track		Equipment		Human Factors		Miscellaneous		Total	
	Number	Damage	Number	Damage	Number	Damage	Number	Damage	Number	Damage
Alabama	7	346,155	1	8,270	8	348,023	11	1,151,494	27	1,853,942
Alaska	1	100,000	---	---	1	50,000	1	12,000	3	162,000
Arizona	11	669,760	2	1,263,549	4	378,700	5	129,645	22	2,441,654
Arkansas	28	432,444	4	267,000	24	897,708	13	781,639	69	2,378,791
California	44	2,940,956	14	5,283,037	54	2,962,146	32	2,451,727	144	13,637,866
Colorado	12	890,231	---	---	21	534,799	10	1,983,186	43	3,408,216
Connecticut	15	277,229	5	99,704	8	231,738	8	378,455	36	987,126
Delaware	1	22,500	1	219,000	2	16,060	3	265,225	7	522,785
Dist of Columbia	4	45,971	1	33,500	3	419,750	1	26,301	9	525,522
Florida	8	1,005,362	1	1,010,000	8	281,761	10	193,803	27	2,490,926
Georgia	11	330,774	4	837,021	15	614,300	10	632,030	40	2,414,125
Idaho	13	873,472	2	734,595	20	1,001,676	2	18,500	37	2,628,243
Illinois	98	4,181,010	25	2,833,150	108	2,608,775	48	2,988,063	279	12,610,998
Indiana	12	721,598	7	270,100	27	738,090	14	432,701	60	2,162,489
Iowa	33	3,541,623	5	139,117	20	346,613	13	312,112	71	4,339,465
Kansas	39	1,618,211	14	919,861	25	1,612,941	16	1,722,780	94	5,072,793
Kentucky	9	780,556	2	18,000	10	402,428	8	249,672	29	1,450,656
Louisiana	30	1,229,717	4	79,948	22	591,737	15	981,313	71	2,882,715
Maine	---	---	4	273,618	1	28,000	---	---	5	301,618
Maryland	1	16,575	4	234,214	3	35,750	1	21,950	9	308,489
Massachusetts	6	109,561	1	48,700	3	54,620	3	162,075	13	374,956
Michigan	28	1,019,862	8	115,728	23	446,716	4	540,449	63	2,122,755
Minnesota	48	2,391,040	10	348,728	30	908,859	12	493,109	100	4,141,736
Mississippi	42	1,759,247	9	625,938	14	1,848,557	15	773,538	80	5,007,280
Missouri	22	1,304,638	13	1,370,710	26	2,653,329	26	2,541,634	87	7,870,311
Montana	11	638,748	8	276,043	17	809,769	7	1,017,092	43	2,741,652
Nebraska	28	6,068,160	18	2,474,764	27	1,191,154	21	2,989,345	94	12,723,423
Nevada	4	379,200	3	201,001	3	40,450	3	189,840	13	810,491
New Hampshire	1	45,500	1	188,000	1	18,821	---	---	3	252,321
New Jersey	9	376,701	5	97,339	9	474,988	11	518,312	34	1,467,340
New Mexico	4	214,290	2	133,000	10	176,590	4	894,150	20	1,418,030
New York	34	1,537,587	9	1,111,355	27	3,282,117	26	2,741,679	96	8,672,738
North Carolina	12	791,464	2	34,900	7	381,925	11	4,253,678	32	5,461,967
North Dakota	21	1,890,451	7	920,067	8	138,739	3	162,290	39	3,111,547
Ohio	19	752,665	2	1,056,950	28	1,537,190	18	3,036,843	67	6,383,648
Oklahoma	19	1,564,663	4	137,615	15	508,659	11	314,202	49	2,525,139
Oregon	15	1,048,442	4	122,434	16	364,754	3	55,500	38	1,591,130
Pennsylvania	46	2,479,041	13	1,412,928	31	695,575	21	1,736,467	111	6,324,011
Rhode Island	1	68,000	---	---	1	15,750	---	---	2	83,750
South Carolina	4	57,770	---	---	3	51,755	2	648,000	9	757,525
South Dakota	20	1,119,502	3	1,588,533	5	79,176	1	34,750	29	2,821,961
Tennessee	16	507,245	3	218,850	21	574,650	14	1,343,312	54	2,644,057
Texas	69	3,640,448	26	1,706,413	101	8,610,540	33	1,942,603	229	15,900,004
Utah	7	877,175	7	1,212,112	18	542,195	4	1,396,473	36	4,027,955
Vermont	1	16,772	2	71,099	---	---	---	---	3	87,871
Virginia	9	356,847	2	24,850	7	156,432	13	2,587,701	31	3,125,830
Washington	25	882,177	9	146,027	20	519,824	10	244,544	64	1,792,572
West Virginia	7	216,272	1	106,484	6	102,200	3	1,417,867	17	1,842,823
Wisconsin	32	1,539,148	7	222,095	35	1,053,711	10	179,099	84	2,994,053
Wyoming	10	2,532,872	14	1,250,496	15	2,954,706	8	1,352,149	47	8,090,223
Unknown	---	---	---	---	---	---	---	---	---	---
TOTAL	947	56,209,632	293	31,746,843	911	44,294,746	518	48,299,297	2,669	180,550,518

TABLE 32: TRAIN ACCIDENTS BY STATE AND MONTH, 1994

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Alabama.....	4	2	7	---	3	2	4	---	1	---	1	3	27
Alaska.....	---	---	---	---	---	1	---	---	2	---	---	---	3
Arizona.....	1	1	---	1	4	2	6	1	1	1	3	1	22
Arkansas.....	7	3	9	7	6	9	5	5	7	3	3	5	69
California.....	16	13	9	9	14	4	13	19	8	12	13	14	144
Colorado.....	4	1	5	5	4	6	3	5	2	2	4	2	43
Connecticut.....	3	1	5	5	2	2	4	3	3	3	2	3	36
Delaware.....	---	---	---	1	---	---	1	---	2	---	2	1	7
Dist of Columbia.....	1	1	2	2	---	---	---	1	---	1	---	1	9
Florida.....	3	---	1	---	3	2	8	5	1	1	1	2	27
Georgia.....	1	4	5	2	2	4	5	1	4	4	6	2	40
Idaho.....	2	1	3	3	5	5	2	5	---	4	2	5	37
Illinois.....	21	26	28	27	24	21	21	17	23	19	22	30	279
Indiana.....	5	7	7	6	8	3	3	4	5	4	4	4	60
Iowa.....	5	6	4	11	1	6	5	3	8	3	11	8	71
Kansas.....	8	5	12	6	5	6	14	5	6	11	9	7	94
Kentucky.....	6	---	1	4	3	1	3	2	1	3	2	3	29
Louisiana.....	6	6	8	7	8	3	4	8	8	5	5	3	71
Maine.....	1	1	---	1	1	---	1	---	---	---	---	---	5
Maryland.....	---	1	1	---	1	4	1	---	---	---	1	---	9
Massachusetts.....	4	1	1	---	1	1	1	1	---	1	1	1	13
Michigan.....	5	5	2	4	6	8	2	7	11	5	2	6	63
Minnesota.....	8	8	10	7	5	5	8	7	13	10	9	10	100
Mississippi.....	5	9	5	7	2	10	13	6	1	9	10	3	80
Missouri.....	11	9	6	7	10	8	5	8	7	7	4	5	87
Montana.....	3	7	8	3	1	3	4	3	5	4	2	---	43
Nebraska.....	4	11	5	9	8	12	5	7	7	6	10	10	94
Nevada.....	3	---	4	---	---	---	1	1	2	1	1	---	13
New Hampshire.....	---	---	---	---	---	2	---	---	1	---	---	---	3
New Jersey.....	4	7	1	3	4	4	2	3	2	2	2	---	34
New Mexico.....	2	---	1	3	1	4	---	2	1	3	3	---	20
New York.....	10	18	7	7	4	10	4	8	7	6	8	7	96
North Carolina.....	3	2	1	3	6	2	2	2	4	1	3	3	32
North Dakota.....	5	6	4	2	7	2	---	1	3	2	4	3	39
Ohio.....	9	11	10	2	4	7	6	4	3	3	5	3	67
Oklahoma.....	3	5	2	2	4	4	4	6	4	5	4	6	49
Oregon.....	1	4	4	2	3	5	4	1	4	2	2	6	38
Pennsylvania.....	9	12	10	5	14	7	9	8	8	11	11	7	111
Rhode Island.....	---	---	---	---	---	1	---	---	---	1	---	---	2
South Carolina.....	2	2	2	---	---	1	---	---	1	---	---	1	9
South Dakota.....	4	1	1	2	5	---	3	2	3	2	2	4	29
Tennessee.....	6	8	4	6	1	3	6	4	3	4	5	4	54
Texas.....	16	19	16	20	20	21	19	26	22	19	19	12	229
Utah.....	3	2	2	2	5	4	2	2	4	---	6	4	36
Vermont.....	---	---	---	---	2	---	---	---	---	---	1	---	3
Virginia.....	2	4	6	2	1	6	2	---	3	1	1	3	31
Washington.....	8	2	4	6	5	2	2	6	6	4	10	9	64
West Virginia.....	2	2	2	---	1	1	2	2	1	1	1	2	17
Wisconsin.....	4	10	4	7	8	10	9	6	2	7	10	7	84
Wyoming.....	3	4	2	4	5	4	6	6	4	3	1	5	47
Unknown.....	---	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL.....	233	248	231	212	227	228	224	213	214	196	228	215	2,669

TABLE 33: CASUALTIES BY STATE AND TYPE OF ACCIDENT/INCIDENT, 1994

State	..... Train Accidents.....			..... Train Incidents.....			... Nontrain Incidents...			..... Total.....		
	Killed	Injured	Illness	Killed	Injured	Illness	Killed	Injured	Illness	Killed	Injured	Illness
Alabama.....	---	4	---	17	95	---	---	131	1	17	230	1
Alaska.....	1	3	---	2	3	1	---	40	3	3	46	4
Arizona.....	---	---	---	19	39	---	---	125	---	19	164	---
Arkansas.....	---	4	---	25	112	---	1	231	11	26	347	11
California.....	6	22	---	111	200	2	2	698	24	119	920	26
Colorado.....	---	6	---	21	50	2	---	173	14	21	229	16
Connecticut.....	---	11	1	6	25	3	---	162	2	6	198	6
Delaware.....	---	1	---	2	7	---	---	66	---	2	74	---
Dist of Columbia.....	---	2	---	1	9	---	---	95	3	1	106	3
Florida.....	3	19	---	46	124	---	1	194	---	50	337	---
Georgia.....	1	4	---	24	103	---	1	152	---	26	259	---
Idaho.....	---	---	---	14	25	---	1	73	2	15	98	2
Illinois.....	6	100	---	89	281	1	2	1,042	20	97	1,423	21
Indiana.....	2	9	---	38	182	---	---	343	2	40	534	2
Iowa.....	---	3	---	22	105	---	1	269	18	23	377	18
Kansas.....	1	4	---	21	62	---	---	213	9	22	279	9
Kentucky.....	---	3	---	20	53	---	---	120	---	20	176	---
Louisiana.....	2	6	---	28	149	---	---	170	---	30	325	---
Maine.....	---	---	---	---	10	---	---	46	---	---	56	---
Maryland.....	---	---	---	8	34	---	---	106	---	8	140	---
Massachusetts.....	---	1	---	12	29	---	2	169	---	14	199	---
Michigan.....	1	10	1	33	112	4	---	342	2	34	464	7
Minnesota.....	---	9	---	22	129	---	---	358	12	22	496	12
Mississippi.....	3	15	---	28	91	---	---	63	1	31	169	1
Missouri.....	1	13	---	24	83	---	---	271	11	25	367	11
Montana.....	---	4	---	6	27	---	---	106	2	6	137	2
Nebraska.....	3	7	---	24	60	1	1	301	17	28	368	18
Nevada.....	---	---	---	3	18	---	---	30	1	3	48	1
New Hampshire.....	---	---	---	---	---	---	---	7	---	---	7	---
New Jersey.....	---	4	---	26	91	4	---	661	14	26	756	18
New Mexico.....	1	5	---	12	19	---	---	72	2	13	96	2
New York.....	1	80	---	43	155	7	3	1,727	32	47	1,962	39
North Carolina.....	1	34	---	46	79	---	---	91	2	47	204	2
North Dakota.....	---	3	---	5	18	---	---	92	4	5	113	4
Ohio.....	1	9	---	51	147	---	2	439	1	54	595	1
Oklahoma.....	2	10	---	18	87	---	1	98	3	21	195	3
Oregon.....	---	1	---	9	63	1	1	178	5	10	242	6
Pennsylvania.....	---	10	---	30	140	2	5	904	12	35	1,054	14
Rhode Island.....	---	---	---	---	1	---	---	34	---	---	35	---
South Carolina.....	---	3	---	25	49	---	---	86	---	25	138	---
South Dakota.....	---	---	---	1	15	---	---	39	2	1	54	2
Tennessee.....	2	2	---	16	46	---	---	144	---	18	192	---
Texas.....	5	19	---	109	411	2	3	633	8	117	1,063	10
Utah.....	---	1	---	20	17	1	---	85	1	20	103	2
Vermont.....	---	---	---	---	2	---	---	26	---	---	28	---
Virginia.....	2	8	---	20	43	---	2	163	---	24	214	---
Washington.....	---	5	---	16	65	---	3	239	5	19	309	5
West Virginia.....	---	1	---	9	28	---	---	78	---	9	107	---
Wisconsin.....	---	3	---	19	124	1	---	263	5	19	390	6
Wyoming.....	---	---	---	8	8	---	---	95	1	8	103	1
Unknown.....	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL.....	45	458	2	1,149	3,825	32	32	12,243	252	1,226	16,526	286

TABLE 34. TRAIN ACCIDENT AND TRAIN INCIDENT FATALITIES TO TRESPASSERS AND NONTRESPASSERS, 1994

State	Trespassers				Nontrespassers				Total			
	Child	Adult	Unknown	Total	Child	Adult	Unknown	Total	Child	Adult	Unknown	Total
Alabama	2	4	---	6	---	11	---	11	2	15	---	17
Alaska	---	---	---	---	---	2	---	2	---	2	---	2
Arizona	1	9	5	15	---	2	1	3	1	11	6	18
Arkansas	---	4	---	4	3	17	---	20	3	21	---	24
California	8	55	37	100	2	12	2	16	10	67	39	116
Colorado	---	5	5	10	---	10	---	10	---	15	5	20
Connecticut	---	6	---	6	---	---	---	---	---	6	---	6
Delaware	---	2	---	2	---	---	---	---	---	2	---	2
Dist of Columbia	---	1	---	1	---	---	---	---	---	1	---	1
Florida	4	34	3	41	1	5	---	6	5	39	3	47
Georgia	1	12	---	13	1	10	---	11	2	22	---	24
Idaho	---	4	---	4	---	9	---	9	---	13	---	13
Illinois	7	46	10	63	3	27	2	32	10	73	12	95
Indiana	1	9	5	15	5	17	3	25	6	26	8	40
Iowa	---	8	---	8	1	13	---	14	1	21	---	22
Kansas	---	5	1	6	1	14	1	16	1	19	2	22
Kentucky	---	13	---	13	3	4	---	7	3	17	---	20
Louisiana	---	12	1	13	1	15	---	16	1	27	1	29
Maine	---	---	---	---	---	---	---	---	---	---	---	---
Maryland	---	8	---	8	---	---	---	---	---	8	---	8
Massachusetts	---	9	3	12	---	---	---	---	---	9	3	12
Michigan	1	11	1	13	3	17	1	21	4	28	2	34
Minnesota	2	8	---	10	1	11	---	12	3	19	---	22
Mississippi	2	3	---	5	1	21	3	25	3	24	3	30
Missouri	---	14	---	14	---	11	---	11	---	25	---	25
Montana	1	2	1	4	---	1	---	1	1	3	1	5
Nebraska	---	8	---	8	1	14	---	15	1	22	---	23
Nevada	---	1	2	3	---	---	---	---	---	1	2	3
New Hampshire	---	---	---	---	---	---	---	---	---	---	---	---
New Jersey	2	10	10	22	---	3	1	4	2	13	11	26
New Mexico	---	6	2	8	---	3	1	4	---	9	3	12
New York	3	17	11	31	2	3	5	10	5	20	16	41
North Carolina	---	33	4	37	1	8	---	9	1	41	4	46
North Dakota	1	1	1	3	---	2	---	2	1	3	1	5
Ohio	2	19	---	21	1	22	8	31	3	41	8	52
Oklahoma	1	3	---	4	---	16	---	16	1	19	---	20
Oregon	2	4	1	7	---	2	---	2	2	6	1	9
Pennsylvania	---	11	4	15	3	7	4	14	3	18	8	29
Rhode Island	---	---	---	---	---	---	---	---	---	---	---	---
South Carolina	---	12	2	14	---	11	---	11	---	23	2	25
South Dakota	---	---	---	---	---	1	---	1	---	1	---	1
Tennessee	1	5	---	6	6	6	---	12	7	11	---	18
Texas	2	47	3	52	4	49	1	54	6	96	4	106
Utah	---	5	---	5	1	13	1	15	1	18	1	20
Vermont	---	---	---	---	---	---	---	---	---	---	---	---
Virginia	---	17	1	18	---	4	---	4	---	21	1	22
Washington	1	12	---	13	---	3	---	3	1	15	---	16
West Virginia	---	5	---	5	---	3	---	3	---	8	---	8
Wisconsin	---	5	1	6	---	13	---	13	---	18	1	19
Wyoming	---	3	---	3	4	1	---	5	4	4	---	8
Unknown	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL	45	508	114	667	49	413	34	496	94	921	148	1,163

TABLE 35. TRAIN ACCIDENT AND TRAIN INCIDENT NONFATAL CASUALTIES TO TRESPASSERS AND NONTRESPASSERS, 1994

State	Trespassers				Nontrespassers				Total			
	Child	Adult	Unknown	Total	Child	Adult	Unknown	Total	Child	Adult	Unknown	Total
Alabama	4	6	---	10	4	68	---	72	8	74	---	82
Alaska	---	---	---	---	---	---	1	1	---	---	1	1
Arizona	3	11	---	14	---	5	3	8	3	16	3	22
Arkansas	1	10	---	11	5	49	---	54	6	59	---	65
California	6	34	10	50	6	37	2	45	12	71	12	95
Colorado	---	10	---	10	---	8	1	9	---	18	1	19
Connecticut	---	4	---	4	---	2	---	2	---	6	---	6
Delaware	---	2	1	3	---	---	2	2	---	2	3	5
Dist of Columbia	---	---	---	---	---	---	---	---	---	---	---	---
Florida	1	53	1	55	2	15	---	17	3	68	1	72
Georgia	2	20	---	22	7	36	2	45	9	56	2	67
Idaho	1	2	---	3	---	9	---	9	1	11	---	12
Illinois	6	57	10	73	13	61	3	77	19	118	13	150
Indiana	2	29	6	37	16	70	7	93	18	99	13	130
Iowa	3	8	2	13	7	38	2	47	10	46	4	60
Kansas	---	7	2	9	---	25	3	28	---	32	5	37
Kentucky	---	5	3	8	4	32	---	36	4	37	3	44
Louisiana	1	14	2	17	16	78	3	97	17	92	5	114
Maine	---	---	---	---	---	2	1	3	---	2	1	3
Maryland	---	6	---	6	---	5	1	6	---	11	1	12
Massachusetts	---	1	3	4	---	2	2	4	---	3	5	8
Michigan	6	20	1	27	2	46	6	54	8	66	7	81
Minnesota	4	18	---	22	2	41	2	45	6	59	2	67
Mississippi	---	9	1	10	1	53	5	59	1	62	6	69
Missouri	---	11	---	11	4	33	---	37	4	44	---	48
Montana	---	4	1	5	---	6	---	6	---	10	1	11
Nebraska	---	3	1	4	1	20	---	21	1	23	1	25
Nevada	1	5	---	6	---	2	---	2	1	7	---	8
New Hampshire	---	---	---	---	---	---	---	---	---	---	---	---
New Jersey	1	5	5	11	1	7	1	9	2	12	6	20
New Mexico	---	2	1	3	---	9	---	9	---	11	1	12
New York	2	13	6	21	1	8	1	10	3	21	7	31
North Carolina	1	20	1	22	3	41	---	44	4	61	1	66
North Dakota	---	1	---	1	---	6	---	6	---	7	---	7
Ohio	5	21	6	32	3	54	5	62	8	75	11	94
Oklahoma	---	7	---	7	8	52	2	62	8	59	2	69
Oregon	3	4	---	7	---	10	1	11	3	14	1	18
Pennsylvania	2	8	4	14	1	12	6	19	3	20	10	33
Rhode Island	---	---	---	---	---	1	---	1	---	1	---	1
South Carolina	1	10	---	11	4	26	---	30	5	36	---	41
South Dakota	---	3	---	3	1	5	4	10	1	8	4	13
Tennessee	2	7	1	10	3	19	1	23	5	26	2	33
Texas	10	77	1	88	16	164	9	189	26	241	10	277
Utah	---	---	---	---	1	4	---	5	1	4	---	5
Vermont	---	---	---	---	---	1	---	1	---	1	---	1
Virginia	1	3	1	5	---	18	---	18	1	21	1	23
Washington	1	15	---	16	2	15	---	17	3	30	---	33
West Virginia	1	10	1	12	---	7	2	9	1	17	3	21
Wisconsin	3	9	1	13	4	60	2	66	7	69	3	79
Wyoming	---	---	---	---	---	1	---	1	---	1	---	1
Unknown	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL	74	564	72	710	138	1,263	80	1,481	212	1,827	152	2,191

TABLE 36. SUMMARY OF TRAIN-MILES OPERATED, 1994

RAILROAD	LOCOMOTIVE TRAIN MILES	MOTOR TRAIN MILES	YARD/SWITCH TRAIN MILES	TOTAL TRAIN MILES	TOTAL EMPLOYEE HOURS	PASSENGER* MILES	REVENUE PASSENGER
CLASS I RAILROADS							
Amtrak (Nat'l Railroad Passenger Co.)	35,258,724	5,501,475	2,306,640	43,066,839	49,017,343	6,215,432,234	39,922,840
Atchison, Topeka & Santa Fe Railway	46,560,811	0	4,314,616	50,875,427	28,465,380	0	0
Burlington Northern Railroad Co.	76,621,283	0	13,967,146	90,588,429	59,643,917	272,036,431	13,079,599
Chicago and North Western Railway Co.	16,827,753	0	3,521,676	20,349,429	14,459,425	550,468,672	24,877,546
Consolidated Rail Corp.	37,677,936	0	10,024,314	47,702,250	48,325,790	0	0
CSX Transportation	68,482,076	0	12,062,856	80,544,932	58,343,504	74,142,232	2,144,848
Denver & Rio Grande Western Railroad	6,507,693	0	0	6,507,693	4,618,824	0	0
Grand Trunk Western Railroad Inc.	3,631,944	0	1,517,178	5,149,122	5,781,462	0	0
Illinois Central Railroad Co.	7,179,088	0	1,431,921	8,611,009	6,808,724	0	0
Kansas City Southern Railway Co.	5,741,632	0	1,243,755	6,985,387	5,394,981	0	0
Norfolk Southern Corp.	50,304,149	0	8,446,302	58,750,451	47,282,976	0	0
Soo Line Railroad Co.	7,441,437	0	1,869,726	9,311,163	8,361,930	0	0
Southern Pacific Transportation Co.	32,754,000	0	6,289,395	39,043,395	29,321,028	0	0
St. Louis Southwestern Railway Co.	9,075,560	0	409,252	9,484,812	4,495,365	0	0
Union Pacific Railroad Co.	86,582,953	0	9,493,026	96,075,979	55,807,358	0	0
Total Class I Railroads.....	490,647,039	5,501,475	76,897,803	573,046,317	426,128,007	7,112,079,569	80,024,833
GROUP II RAILROADS **							
Alton & Southern Railroad	0	0	744,291	744,291	695,297	0	0
Alaska Railroad Corp.	699,768	18,444	141,191	859,403	1,022,019	13,611,566	449,220
Bangor & Aroostook Railroad	350,338	0	67,437	417,775	663,607	0	0
Bessemer & Lake Erie Railroad Co.	182,716	0	14,615	197,331	645,641	0	0
Belt Railway Co. Of Chicago	45,847	0	327,889	373,736	1,198,603	0	0
Birmingham Southern Railroad Co.	76,878	0	17,412	94,290	436,603	0	0
Chicago, Central & Pacific Railroad Co.	895,497	0	32,904	928,401	904,939	0	0
Cuyahoga Valley Railway Co.	0	0	33,247	33,247	400,630	0	0
Delaware & Hudson Railway Co.	2,003,000	0	52,180	2,055,180	1,494,466	0	0
Dakota, Minnesota & Eastern Railroad	640,861	0	0	640,861	543,026	0	0
Duluth, Missabe & Iron Range Railway	628,177	0	95,532	723,709	1,240,406	0	0
Elgin, Joliet & Eastern Railway Co.	276,761	0	293,769	570,530	1,493,838	0	0
Florida East Coast Railway Co.	3,116,102	0	557,332	3,673,434	1,962,381	0	0
Fox Valley & Western Ltd.	299,087	0	214,128	513,215	469,358	0	0
Gateway Western Railway	693,509	0	186,237	879,746	478,497	0	0
Houston Belt & Terminal Railway Co.	0	0	870,084	870,084	899,352	0	0
Indiana Harbor Belt Railroad Co.	1,287,574	0	0	1,287,574	1,646,718	0	0
Long Island Rail Road	1,697,700	6,331,200	112,469	8,141,369	12,294,503	2,044,565,487	73,208,548
Metro North Commuter Railroad Co.	1,950,663	5,398,867	24,543	7,374,073	10,765,789	1,744,226,926	60,655,695
Montana Rail Link	3,402,570	0	121,519	3,524,089	1,857,550	0	0
Northern Indiana Commuter Trans.	0	712,722	0	712,722	498,767	99,534,383	3,479,497
Northeast Illinois Regional Comuter	3,162,998	0	70,690	3,233,688	4,720,979	677,498,606	32,998,898
New Jersey Transit Rail Operations	2,834,079	4,065,773	543,141	7,442,993	7,345,156	1,093,816,688	45,311,221
Paducah & Louisville Railway Co.	541,708	0	139,654	681,362	632,404	0	0
Port Authority Trans Hudson	0	1,588,625	87,432	1,676,057	2,148,459	280,857,134	59,171,000
Port Terminal Railroad Association	0	0	1,058,496	1,058,496	803,718	0	0
Southeastern Pennsylvania Transportat	0	4,964,483	0	4,964,483	3,313,114	290,514,727	21,361,377
Southern Pacific, Chicago-St. Louis	1,829,507	0	0	1,829,507	547,129	0	0
Springfield Terminal Railway Co.	953,109	0	120,042	1,073,151	2,183,724	0	0
Texas Mexican Railway Co.	111,687	0	113,643	225,330	460,353	0	0
Terminal Railroad Assoc. Of State Dock	0	0	501,008	501,008	580,726	0	0
Union Railroad Co. (Pittsburgh)	0	0	153,964	153,964	731,897	0	0
Wisconsin Central Ltd. (also Railway)	2,918,599	0	676,794	3,595,393	3,172,142	76,824	350
Wheeling & Lake Erie Railway Co.	450,114	0	137,932	588,046	722,699	0	0
Total Group II Railroads **.....	31,048,849	23,080,114	7,509,575	61,638,538	68,974,490	6,244,702,341	296,635,806
RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)							
Class I Railroads	490,647,039	5,501,475	76,897,803	573,046,317	426,128,007	7,112,079,569	80,024,833
Group II Railroads **	31,048,849	23,080,114	7,509,575	61,638,538	68,974,490	6,244,702,341	296,635,806
all Other Railroads	14,946,975	82,560	5,368,666	20,398,201	23,531,559	689,090,115	16,939,358
Total All Railroads	536,642,863	28,664,149	89,776,044	655,083,056	518,634,056	14,045,872,025	393,599,997

* 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, 1994

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
CLASS I RAILROADS												
Amtrak (Nat'l. Railroad Passenger Corp.)	8	2	0	2	12	4,447,546	6	5	26	3	40	2,548,486
Atchison, Topeka & Santa Fe Railway	17	1	0	1	19	4,320,667	17	13	38	12	80	6,223,111
Burlington Northern Railroad Co.	10	2	0	4	16	3,251,718	64	58	125	44	291	28,066,482
Chicago and North Western Railway Co.	6	0	0	0	6	146,765	17	12	32	13	74	2,212,793
Consolidated Rail Corp.....	12	0	0	1	13	1,195,670	56	22	47	23	148	9,900,253
CSX Transportation	24	0	1	4	29	873,308	20	9	30	31	90	8,974,756
Denver & Rio Grande Western Railroad	5	0	0	0	5	96,000	3	0	9	6	18	2,482,313
Grand Trunk Western Railroad Inc.	2	0	1	0	3	76,595	19	5	22	3	49	1,520,209
Illinois Central Railroad Co.	9	0	0	0	9	1,410,903	7	8	31	2	48	3,676,213
Kansas City Southern Railway Co.	9	0	1	0	10	1,401,721	7	8	39	15	69	3,055,249
Norfolk Southern Corp.....	19	0	0	0	19	592,500	26	10	23	16	75	3,356,572
Soo Line Railroad Co.	3	0	0	0	3	189,413	15	7	36	6	64	1,956,189
Southern Pacific Transportation Co.	16	0	0	0	16	5,979,458	24	13	49	20	106	8,263,183
St. Louis Southwestern Railway Co.	4	0	0	0	4	144,150	5	1	14	7	27	975,734
Union Pacific Railroad Co.	18	1	3	1	23	2,589,111	106	52	119	23	300	21,958,240
Total Class I Railroads.....	162	6	6	13	187	26,715,525	392	223	640	224	1,479	105,169,783
GROUP II RAILROADS **												
Alton & Southern Railroad	2	0	0	1	3	25,663	7	1	2	1	11	142,997
Alaska Railroad Corp.	0	0	0	0	0	0	1	0	1	0	2	150,000
Bangor & Aroostook Railroad	0	0	0	0	0	0	0	2	0	0	2	149,068
Bessemer & Lake Erie Railroad Co.	0	0	0	0	0	0	0	0	1	0	1	8,572
Belt Railway Co. Of Chicago	8	1	5	5	19	428,016	6	3	26	3	38	443,288
Birmingham Southern Railroad Co.	0	0	0	0	0	0	0	0	0	0	0	0
Chicago, Central & Pacific Railroad Co.	2	0	0	0	2	12,939	0	1	6	1	8	411,092
Cuyahoga Valley Railway Co.	0	0	0	0	0	0	0	0	0	0	0	0
Delaware & Hudson Railway Co.	0	0	1	1	2	50,000	0	0	7	1	8	1,209,550
Dakota, Minnesota & Eastern Railroad	0	0	0	0	0	0	7	3	22	2	34	1,863,548
Duluth, Missabe & Iron Range Railway	0	0	0	0	0	0	0	0	6	0	6	154,859
Elgin, Joliet & Eastern Railway Co.	1	0	0	0	1	33,641	3	1	2	0	6	109,901
Florida East Coast Railway Co.	2	0	0	0	2	156,311	1	0	3	1	5	48,592
Fox Valley & Western Ltd.	0	0	0	0	0	0	2	0	8	0	10	110,463
Gateway Western Railway	2	0	0	0	2	83,000	2	2	2	0	6	170,006
Houston Belt & Terminal Railway Co.	3	0	0	0	3	27,000	3	2	1	0	6	46,681
Indiana Harbor Belt Railroad Co.	6	0	0	0	6	100,611	8	1	2	1	12	168,703
Long Island Rail Road	4	0	0	0	4	1,096,946	5	2	8	4	19	1,188,588
Metro North Commuter Railroad Co.	3	0	0	0	3	596,189	1	0	0	1	2	50,500
Montana Rail Link	3	0	0	1	4	40,500	5	4	6	0	15	369,018
Northern Indiana Commuter Trans.	0	0	0	0	0	0	0	0	1	0	1	30,600
Northeast Illinois Regional Comuter	0	0	0	0	0	0	0	0	1	0	1	48,000
New Jersey Transit Rail Operations	2	0	0	0	2	303,000	3	1	1	0	5	633,294
Paducah & Louisville Railway Co.	0	0	0	0	0	0	0	0	0	0	0	0
Port Authority Trans Hudson	0	0	0	0	0	0	0	0	0	0	0	0
Port Terminal Railroad Assoc.	7	0	0	0	7	293,296	0	0	0	0	0	0
Southeastern Pennsylvania Trans.	1	0	0	1	2	86,075	0	0	0	0	0	0
Southern Pacific, Chicago-St. Louis Co.	0	0	0	0	0	0	2	1	5	0	8	60,410
Springfield Terminal Railway Co.	0	0	0	0	0	0	0	3	2	0	5	302,125
Texas Mexican Railway Co.	0	0	0	0	0	0	0	1	1	0	2	33,400
Terminal Railroad Assoc. Of State Dock	0	0	0	0	0	0	2	2	13	0	17	615,964
Union Railroad Co. (Pittsburgh)	0	0	0	0	0	0	0	0	2	1	3	32,832
Wisconsin Central Ltd. (also Railway)	6	0	0	0	6	256,800	7	2	20	2	31	1,076,219
Wheeling & Lake Erie Railway Co.	0	0	0	0	0	0	0	0	4	0	4	106,585
Total Group II Railroads **.....	52	1	6	9	68	3,589,987	65	32	153	18	268	9,734,855
RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)												
Class I Railroads	144	5	6	12	167	26,715,525	378	208	576	215	1,377	105,169,783
Group II Railroads **	43	1	6	8	58	3,589,987	56	28	130	17	231	9,734,855
All Other Railroads	8	3	1	3	15	357,876	28	20	151	18	217	10,297,137
Total All Railroads	195	9	13	23	240	30,663,388	462	256	857	250	1,825	125,201,775

** 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 37. PART II: INVOLVEMENT IN TRAIN ACCIDENTS BY RAILROAD,
AND CAUSE, 1994

TYPE

Railroad	<<.....O T H E R A C C I D E N T S.....>>					< <.....T O T A L S.....>>			
	Human	Equip	Track	Other	Total	Damages	Accs	Rate*	Damages
CLASS I RAILROADS									
Amtrak (Nat'l. Railroad Passenger Corp.)	2	6	8	44	60	2,613,909	112	2.60	9,609,941
Atchison, Topeka & Santa Fe Railway	23	2	7	17	49	2,516,728	148	2.91	13,060,506
Burlington Northern Railroad Co.	50	3	4	28	85	4,801,411	392	4.33	36,119,611
Chicago and North Western Railway Co.	18	0	0	8	26	1,016,060	106	5.21	3,375,618
Consolidated Rail Corp.	5	0	0	10	15	477,978	176	3.69	11,573,901
CSX Transportation	8	0	1	26	35	3,070,444	154	1.91	12,918,508
Denver & Rio Grande Western Railroad	1	1	0	0	2	60,450	25	3.84	2,638,763
Grand Trunk Western Railroad Inc.	0	1	0	0	1	9,000	53	10.29	1,605,804
Illinois Central Railroad Co.	11	1	7	5	24	429,142	81	9.41	5,516,258
Kansas City Southern Railway Co.	9	1	2	5	17	473,631	96	13.74	4,930,601
Norfolk Southern Corp.	2	1	1	18	22	706,095	116	1.97	4,655,167
Soo Line Railroad Co.	10	2	8	7	27	437,595	94	10.10	2,583,197
Southern Pacific Transportation Co.	12	1	2	21	36	600,747	158	4.05	14,843,388
St. Louis Southwestern Railway Co.	5	0	0	3	8	189,136	39	4.11	1,309,020
Union Pacific Railroad Co.	60	5	14	32	111	3,056,595	434	4.52	27,603,946
Total Class I Railroads.....	216	24	54	224	518	20,458,921	2,184	3.81	152,344,229
GROUP II RAILROADS **									
Alton & Southern Railroad	0	0	0	0	0	0	14	18.81	168,660
Alaska Railroad Corp.	0	0	0	1	1	12,000	3	3.49	162,000
Bangor & Aroostook Railroad	0	0	0	0	0	0	2	4.79	149,068
Bessemer & Lake Erie Railroad Co.	0	0	0	0	0	0	1	5.07	8,572
Belt Railway Co. Of Chicago	2	0	4	4	10	169,000	67	179.27	1,040,304
Birmingham Southern Railroad Co.	0	0	0	0	0	0	0	0.00	0
Chicago, Central & Pacific Railroad Co.	0	0	0	0	0	0	10	10.77	424,031
Cuyahoga Valley Railway Co.	0	0	0	0	0	0	0	0.00	0
Delaware & Hudson Railway Co.	0	0	0	0	0	0	10	4.87	1,259,550
Dakota, Minnesota & Eastern Railroad	0	0	0	0	0	0	34	53.05	1,863,548
Duluth, Missabe & Iron Range Railway	0	0	0	0	0	0	6	8.29	154,859
Elgin, Joliet & Eastern Railway Co.	3	0	0	0	3	64,064	10	17.53	207,606
Florida East Coast Railway Co.	0	0	0	3	3	61,385	10	2.72	266,288
Fox Valley & Western Ltd.	1	0	0	0	1	1,400	11	21.43	111,863
Gateway Western Railway	2	0	0	0	2	23,500	10	11.37	276,506
Houston Belt & Terminal Railway Co.	5	0	0	0	5	23,485	14	16.09	97,166
Indiana Harbor Belt Railroad Co.	1	0	0	0	1	8,700	19	14.76	278,014
Long Island Rail Road	3	1	0	10	14	768,953	37	4.54	3,054,487
Metro North Commuter Railroad Co.	1	3	22	5	31	743,198	36	4.88	1,389,887
Montana Rail Link	3	0	0	0	3	57,000	22	6.24	466,518
Northern Indiana Commuter Trans.	0	0	0	2	2	36,923	3	4.21	67,523
Northeast Illinois Regional Comuter	0	0	0	4	4	351,700	5	1.55	399,700
New Jersey Transit Rail Operations	0	2	1	7	10	550,794	17	2.28	1,487,088
Paducah & Louisville Railway Co.	0	0	0	0	0	0	0	0.00	0
Port Authority Trans Hudson	1	0	0	1	2	75,199	2	1.19	75,199
Port Terminal Railroad Assoc.	9	0	0	1	10	232,443	17	16.06	525,739
Southeastern Pennsylvania Trans.	1	0	0	2	3	119,653	5	1.01	205,728
Southern Pacific, Chicago-St. Louis Co.	0	0	0	4	4	23,000	12	6.56	83,410
Springfield Terminal Railway Co.	1	0	0	0	1	28,000	6	5.59	330,125
Texas Mexican Railway Co.	0	0	0	0	0	0	2	8.88	33,400
Terminal Railroad Assoc. Of State Dock	0	0	0	0	0	0	17	33.93	615,964
Union Railroad Co. (Pittsburgh)	0	0	0	0	0	0	3	19.49	32,832
Wisconsin Central Ltd. (also Railway)	10	0	0	3	13	256,374	50	13.91	1,589,393
Wheeling & Lake Erie Railway Co.	0	0	0	0	0	0	4	6.80	106,585
Total Group II Railroads **.....	43	6	27	47	123	3,606,771	459	7.45	16,931,613
RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)									
Class I Railroads	210	23	51	190	474	20,458,921	2,018	3.52	152,344,229
Group II Railroads **	39	5	25	45	114	3,606,771	403	6.54	16,931,613
All Other Railroads	5	0	1	10	16	619,663	248	12.16	11,274,676
Total All Railroads	254	28	77	245	604	24,685,355	2,669	4.07	180,550,518

* 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, 1994

Railroad	<<... TRAIN ACCIDENTS...>>							<<... TRAIN INCIDENTS...>>						
	Eod	Enod	Psgr	Nont	Tres	Contr	Total	Eod	Enod	Psgr	Nont	Tres	Contr	Total
CLASS I RAILROADS														
Amtrak (Nat'l. Railroad Passenger Corp.)	1	0	0	7	7	0	15	0	0	2	7	103	0	112
Atchison, Topeka & Santa Fe Railway	0	0	0	1	0	0	1	2	0	0	22	33	0	57
Burlington Northern Railroad Co.	2	0	0	1	1	0	4	3	0	0	79	50	0	132
Chicago and North Western Railway Co.	0	0	0	1	0	0	1	0	0	0	17	33	0	50
Consolidated Rail Corp.	0	0	0	0	1	0	1	3	0	0	56	30	0	89
CSX Transportation	0	0	2	2	1	0	5	2	0	0	46	73	0	121
Denver & Rio Grande Western Railroad	0	0	0	0	0	0	0	0	0	0	4	3	0	7
Grand Trunk Western Railroad Inc.	0	0	0	0	0	0	0	0	0	0	11	5	0	16
Illinois Central Railroad Co.	1	0	0	0	0	0	1	0	0	0	7	5	0	12
Kansas City Southern Railway Co.	0	0	0	0	0	0	0	0	0	0	8	4	0	12
Norfolk Southern Corp.	0	0	0	2	1	0	3	0	0	0	65	80	0	145
Soo Line Railroad Co.	0	0	0	0	1	0	1	0	0	0	6	4	0	10
Southern Pacific Transportation Co.	4	0	0	2	2	0	8	1	0	0	21	48	0	70
St. Louis Southwestern Railway Co.	0	0	0	0	0	0	0	1	0	0	18	5	0	24
Union Pacific Railroad Co.	0	0	0	3	0	0	3	4	0	0	74	78	1	157
Total Class I Railroads.....	8	0	2	19	14	0	43	16	0	2	441	554	1	1,014
GROUP II RAILROADS **														
Alton & Southern Railroad	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Railroad Corp.	1	0	0	0	0	0	1	0	0	0	2	0	0	2
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	1	0	1
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 Co.	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Cuyahoga Valley Railway Co.	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	7	0	7
Dakota, Minnesota & Eastern Railroad	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duluth, Missabe & Iron Range 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	0	0	0	1	0	0	1
Florida East Coast Railway Co.	0	0	0	0	0	0	0	0	0	0	1	12	0	13
Fox Valley & Western Ltd.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gateway Western Railway	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Houston Belt & Terminal Railway Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	1	0	1	0	0	1	0	7	0	8
Metro North Commuter Railroad Co.	0	0	0	0	0	0	0	0	0	0	0	10	0	10
Montana Rail Link	0	0	0	0	0	0	0	0	0	0	3	1	0	4
Northern Indiana Commuter Trans.	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Northeast Illinois Regional Comuter	0	0	0	0	0	0	0	0	0	0	0	9	0	9
New Jersey Transit Rail Operations	0	0	0	0	0	0	0	0	0	0	1	19	0	20
Paducah & Louisville Railway Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Port Authority Trans Hudson	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Port Terminal Railroad Assoc.	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Southeastern Pennsylvania Trans.	0	0	0	0	0	0	0	0	0	0	0	3	0	3
Southern Pacific, Chicago-St. Louis	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Springfield Terminal Railway Co.	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Texas Mexican Railway Co.	0	0	0	0	0	0	0	0	0	0	1	1	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	0	0	0	0	0	0	0	9	1	0	10
Wheeling & Lake Erie Railway Co.	0	0	0	0	0	0	0	0	0	0	2	0	0	2
Total Group II Railroads **.....	1	0	0	0	1	0	2	1	0	1	24	77	0	103
RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)														
Class I Railroads	8	0	2	19	14	0	43	16	0	2	441	554	1	1,014
Group II Railroads **	1	0	0	0	1	0	2	1	0	1	24	77	0	103
All Other Railroads	0	0	0	0	0	0	0	0	0	0	11	21	0	32
Total All Railroads	9	0	2	19	15	0	45	17	0	3	476	652	1	1,149

** 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, 1994

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
CLASS I RAILROADS														
Amtrak (Nat'l Railroad Passenger Corp.)	0	0	0	0	0	0	0	1	0	2	14	110	0	127
Atchison, Topeka & Santa Fe Railway	0	0	0	0	1	0	1	2	0	0	23	34	0	59
Burlington Northern Railroad Co.	1	0	0	0	2	0	3	6	0	0	80	53	0	139
Chicago and North Western Railway Co.	0	0	0	1	0	0	1	0	0	0	19	33	0	52
Consolidated Rail Corp.	0	0	0	5	0	0	5	3	0	0	61	31	0	95
CSX Transportation	0	0	0	1	0	0	1	2	0	2	49	74	0	127
Denver & Rio Grande Western Railroad	0	0	0	0	0	0	0	0	0	0	4	3	0	7
Grand Trunk Western Railroad Inc.	0	0	0	0	0	0	0	0	0	0	11	5	0	16
Illinois Central Railroad Co.	0	0	0	0	0	0	0	1	0	0	7	5	0	13
Kansas City Southern Railway Co.	0	0	0	0	0	0	0	0	0	0	8	4	0	12
Norfolk Southern Corp.	0	0	0	0	2	1	3	0	0	0	67	83	1	151
Soo Line Railroad Co.	0	0	0	0	0	0	0	0	0	0	6	5	0	11
Southern Pacific Transportation Co.	0	0	0	0	0	1	1	5	0	0	23	50	1	79
St. Louis Southwestern Railway Co.	0	0	0	0	0	0	0	1	0	0	18	5	0	24
Union Pacific Railroad Co.	1	0	0	2	5	0	8	5	0	0	79	83	1	168
Total Class I Railroads.....	2	0	0	9	10	2	23	26	0	4	469	578	3	1,080
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	1	0	0	2	0	0	3
Bangor & Aroostook Railroad	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bessemer & Lake Erie Railroad Co.	1	0	0	0	0	0	1	1	0	0	0	1	0	2
Belt Railway Company 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	1	0	0	1
Cuyahoga Valley Railway Co.	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	7	0	7
Dakota, Minnesota & Eastern Railroad	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duluth, Missabe & Iron Range 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	0	0	0	1	0	0	1
Florida East Coast Railway Co.	0	0	0	0	0	0	0	0	0	0	1	12	0	13
Fox Valley & Western Ltd.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gateway Western Railway	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Houston Belt & Terminal Railway Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	1	0	1	0	0	1	0	9	0	10
Metro North Commuter Railroad Co.	1	0	0	0	1	0	2	1	0	0	0	11	0	12
Montana Rail Link	0	0	0	0	0	0	0	0	0	0	3	1	0	4
Northern Indiana Commuter Transp.	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Northeast Illinois Regional Comuter	0	0	0	0	0	0	0	0	0	0	0	9	0	9
New Jersey Transit Rail Operations	0	0	0	0	0	0	0	0	0	0	1	19	0	20
Paducah & Louisville Railway Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Port Authority Trans Hudson	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Port Terminal Railroad Assoc.	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Southeastern Pennsylvania Transp.	0	0	0	0	2	0	2	0	0	0	0	5	0	5
Southern Pacific, Chicago-St. Louis	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Springfield Terminal Railway Co.	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Texas Mexican Railway Co.	0	0	0	0	0	0	0	0	0	0	1	1	0	2
Terminal Railroad Assoc. Of St.	1	0	0	0	0	0	1	1	0	0	0	0	0	1
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	0	0	0	0	0	0	0	9	1	0	10
Wheeling & Lake Erie Railway Co.	0	0	0	0	0	0	0	0	0	0	2	0	0	2
Total Group II Railroads **.....	3	0	0	0	4	0	7	5	0	1	24	82	0	112
RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)														
Class I Railroads	2	0	0	9	10	2	23	26	0	4	469	578	3	1,080
Group II Railroads **	3	0	0	0	4	0	7	5	0	1	24	82	0	112
All Other Railroads	0	0	0	1	1	0	2	0	0	0	12	22	0	34
Total All Railroads	5	0	0	10	15	2	32	31	0	5	505	682	3	1,226

** 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, 1994

Railroad	<<.....TRAIN ACCIDENTS.....>>							<<....TRAIN INCIDENTS....>>						
	Eod	Enod	Psgr	Nont	Tres	Contr	Total	Eod	Enod	Psgr	Nont	Tres	Contr	Total
CLASS I RAILROADS														
Amtrak (Nat'l Railroad Passenger Corp.)	29	26	57	7	1	0	120	185	8	32	9	24	0	258
Atchison, Topeka & Santa Fe Railway	9	0	0	3	0	0	12	29	0	0	62	25	3	119
Burlington Northern Railroad Co.	30	0	0	3	4	1	38	141	0	0	152	62	1	356
Chicago and North Western Railway Co.	3	0	0	1	0	0	4	25	0	2	41	23	0	91
Consolidated Rail Corp.	8	0	0	1	3	0	12	130	2	1	53	56	0	242
CSX Transportation	12	0	14	7	3	0	36	81	0	0	206	82	0	369
Denver & Rio Grande Western Railroad	3	0	0	0	0	0	3	13	0	0	8	3	0	24
Grand Trunk Western Railroad Inc.	5	0	0	0	0	0	5	21	0	0	20	9	0	50
Illinois Central Railroad Co.	3	0	0	11	0	0	14	22	0	0	41	12	0	75
Kansas City Southern Railway Co.	9	0	0	2	0	0	11	22	0	0	81	2	0	105
Norfolk Southern Corp.	12	0	0	6	1	0	19	53	1	0	178	83	5	320
Soo Line Railroad Co.	6	0	0	2	0	0	8	74	0	0	35	6	0	115
Southern Pacific Transportation Co.	11	0	0	5	0	0	16	116	0	0	69	70	0	255
St. Louis Southwestern Railway Co.	1	0	0	4	0	0	5	20	0	0	30	7	0	57
Union Pacific Railroad Co.	11	0	0	7	2	0	20	240	2	0	195	89	0	526
Total Class I Railroads.....	152	26	71	59	14	1	323	1,172	13	35	1,180	553	9	2,962
GROUP II RAILROADS **														
Alton & Southern Railroad	0	0	0	0	0	0	0	3	0	0	3	1	0	7
Alaska Railroad Corp.	3	0	0	0	0	0	3	1	0	0	0	0	1	2
Bangor & Aroostook Railroad	0	0	0	0	0	0	0	5	0	0	2	0	0	7
Bessemer & Lake Erie Railroad Co.	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Belt Railway Co. Of Chicago	1	0	0	0	0	0	1	7	0	0	1	0	0	8
Birmingham Southern Railroad Co.	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Chicago, Central & Pacific Railroad	2	0	0	0	0	0	2	10	0	0	12	5	0	27
Cuyahoga Valley Railway Co.	0	0	0	0	0	0	0	5	0	0	0	0	0	5
Delaware & Hudson Railway Co.	0	0	0	0	0	0	0	4	0	0	0	10	0	14
Dakota, Minnesota & Eastern Railroad	0	0	0	0	0	0	0	6	0	0	8	0	0	14
Duluth, Missabe & Iron Range Railway	0	0	0	0	0	0	0	3	0	0	2	0	0	5
Elgin, Joliet & Eastern Railway Co.	0	0	0	0	0	0	0	6	0	0	2	1	0	9
Florida East Coast Railway Co.	2	0	0	0	0	0	2	12	0	0	5	32	0	49
Fox Valley & Western Ltd.	0	0	0	0	0	0	0	2	0	0	7	1	0	10
Gateway Western Railway	0	0	0	0	0	0	0	2	0	0	1	0	0	3
Houston Belt & Terminal Railway Co.	2	0	0	0	0	0	2	4	0	0	0	1	0	5
Indiana Harbor Belt Railroad Co.	0	0	0	0	0	0	0	8	0	0	0	9	0	17
Long Island Rail Road	11	0	4	0	0	0	15	36	0	11	1	7	0	55
Metro North Commuter Railroad Co.	7	0	0	0	0	0	7	42	0	3	3	3	1	52
Montana Rail Link	1	0	0	0	0	0	1	11	0	0	1	2	0	14
Northern Indiana Commuter Transp.	0	0	0	0	1	0	1	3	0	0	0	0	0	3
Northeast Illinois Regional Comuter	0	0	75	0	1	0	76	6	0	7	0	13	0	26
New Jersey Transit Rail Operations	1	0	2	0	2	0	5	26	0	23	2	4	0	55
Paducah & Louisville Railway Co.	0	0	0	0	0	0	0	2	0	0	0	3	0	5
Port Authority Trans Hudson	0	0	0	0	0	0	0	10	0	6	2	0	0	18
Port Terminal Railroad Assoc.	0	0	0	0	0	0	0	6	0	0	1	0	0	7
Southeastern Pennsylvania Trans.	3	0	0	0	1	0	4	31	0	9	1	3	0	44
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	5	0	0	2	0	0	7
Texas Mexican Railway Co.	0	0	0	0	0	0	0	9	0	0	2	0	0	11
Terminal Railroad Assoc. Of State Dock	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Union Railroad Co. (Pittsburgh)	1	0	0	0	0	0	1	4	0	0	0	0	0	4
Wisconsin Central Ltd. (also Railway)	2	0	0	1	0	0	3	21	0	0	33	3	0	57
Wheeling & Lake Erie Railway Co.	1	0	0	0	0	0	1	3	0	0	19	0	0	22
Total Group II Railroads **.....	37	0	81	1	5	0	124	296	0	59	110	98	2	565
RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)														
Class I Railroads	152	26	71	59	14	1	323	1,172	13	35	1,180	553	9	2,962
Group II Railroads **	37	0	81	1	5	0	124	296	0	59	110	98	2	565
All Other Railroads	7	0	0	2	1	3	13	164	0	13	114	39	0	330
Total All Railroads	196	26	152	62	20	4	460	1,632	13	107	1,404	690	11	3,857

** 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, 1994

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
CLASS I RAILROADS														
Amtrak (Nat'l Railroad Passenger Corp.)	1,153	61	23	26	2	1	1,266	1,367	95	112	42	27	1	1,644
Atchison, Topeka & Santa Fe Railway	386	6	0	1	0	4	397	424	6	0	66	25	7	528
Burlington Northern Railroad Co.	1,023	20	0	16	6	54	1,119	1,194	20	0	171	72	56	1,513
Chicago and North Western Railway Co.	239	0	8	9	2	1	259	267	0	10	51	25	1	354
Consolidated Rail Corp.	1,098	37	10	8	10	13	1,176	1,236	39	11	62	69	13	1,430
CSX Transportation	611	34	0	11	2	0	658	704	34	14	224	87	0	1,063
Denver & Rio Grande Western Railroad	110	3	0	0	0	0	113	126	3	0	8	3	0	140
Grand Trunk Western Railroad Inc.	221	2	0	0	0	0	223	247	2	0	20	9	0	278
Illinois Central Railroad Co.	80	3	0	1	0	0	84	105	3	0	53	12	0	173
Kansas City Southern Railway Co.	69	0	0	2	0	0	71	100	0	0	85	2	0	187
Norfolk Southern Corp.	367	17	0	12	4	85	485	432	18	0	196	88	90	824
Soo Line Railroad Co.	371	1	0	0	2	0	374	451	1	0	37	8	0	497
Southern Pacific Transportation Co.	621	9	0	6	1	1	638	748	9	0	80	71	1	909
St. Louis Southwestern Railway Co.	98	2	0	0	0	0	100	119	2	0	34	7	0	162
Union Pacific Railroad Co.	1,033	25	0	25	7	10	1,100	1,284	27	0	227	98	10	1,646
Total Class I Railroads.....	7,480	220	41	117	36	169	8,063	8,804	259	147	1,356	603	179	11,348
GROUP II RAILROADS **														
Alton & Southern Railroad	11	0	0	0	0	0	11	14	0	0	3	1	0	18
Alaska Railroad Corp.	32	0	0	0	0	1	33	36	0	0	0	0	2	38
Bangor & Aroostook Railroad	25	0	0	0	0	0	25	30	0	0	2	0	0	32
Bessemer & Lake Erie Railroad Co.	6	0	0	0	0	0	6	7	0	0	0	0	0	7
Belt Railway Co. Of Chicago	47	0	0	0	0	0	47	55	0	0	1	0	0	56
Birmingham Southern Railroad Co.	10	0	0	1	0	0	11	11	0	0	1	0	0	12
Chicago, Central & Pacific Railroad Co.	48	0	0	0	1	0	49	60	0	0	12	6	0	78
Cuyahoga Valley Railway Co.	22	0	0	0	0	0	22	27	0	0	0	0	0	27
Delaware & Hudson Railway Co.	30	0	0	0	0	0	30	34	0	0	0	10	0	44
Dakota, Minnesota & Eastern Railroad	13	0	0	0	0	0	13	19	0	0	8	0	0	27
Duluth, Missabe & Iron Range Railway	38	0	0	2	0	0	40	41	0	0	4	0	0	45
Elgin, Joliet & Eastern Railway Co.	30	0	0	0	0	2	32	36	0	0	2	1	2	41
Florida East Coast Railway Co.	23	0	0	3	5	2	33	37	0	0	8	37	2	84
Fox Valley & Western Ltd.	22	0	0	0	0	0	22	24	0	0	7	1	0	32
Gateway Western Railway	9	1	0	0	0	0	10	11	1	0	1	0	0	13
Houston Belt & Terminal Railway Co.	20	0	0	0	0	0	20	26	0	0	0	1	0	27
Indiana Harbor Belt Railroad Co.	58	2	0	1	0	2	63	66	2	0	1	9	2	80
Long Island Rail Road	646	17	34	106	2	5	810	693	17	49	107	9	5	880
Metro North Commuter Railroad Co.	524	7	5	15	0	20	571	573	7	8	18	3	21	630
Montana Rail Link	36	0	0	0	1	0	37	48	0	0	1	3	0	52
Northern Indiana Commuter Trans.	43	0	2	2	0	0	47	46	0	2	2	1	0	51
Northeast Illinois Regional Commuter	110	5	38	10	1	12	176	116	5	120	10	15	12	278
New Jersey Transit Rail Operations	212	7	58	78	1	2	358	239	7	83	80	7	2	418
Paducah & Louisville Railway Co.	24	0	0	0	0	0	24	26	0	0	0	3	0	29
Port Authority Trans Hudson	128	1	14	54	0	1	198	138	1	20	56	0	1	216
Port Terminal Railroad Assoc.	8	0	0	0	0	0	8	14	0	0	1	0	0	15
Southeastern Pennsylvania Trans.	209	3	25	41	1	1	280	243	3	34	42	5	1	328
Southern Pacific, Chicago-St. Louis	17	0	0	0	0	0	17	17	0	0	0	0	0	17
Springfield Terminal Railway Co.	23	0	0	0	0	0	23	28	0	0	2	0	0	30
Texas Mexican Railway Co.	50	0	0	0	0	0	50	59	0	0	2	0	0	61
Terminal Railroad Assoc. Of State Dock	3	0	0	0	0	0	3	4	0	0	0	0	0	4
Union Railroad Co. (Pittsburgh)	21	0	0	0	0	0	21	26	0	0	0	0	0	26
Wisconsin Central Ltd. (also Railway)	106	0	0	4	0	0	110	129	0	0	38	3	0	170
Wheeling & Lake Erie Railway Co.	6	0	0	2	0	0	8	10	0	0	21	0	0	31
Total Group II Railroads **.....	2,610	43	176	319	12	48	3,208	2,943	43	316	430	115	50	3,897
RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)														
Class I Railroads	7,480	220	41	117	36	169	8,063	8,804	259	147	1,356	603	179	11,348
Group II Railroads **	2,610	43	176	319	12	48	3,208	2,943	43	316	430	115	50	3,897
All Other Railroads	1,162	4	21	11	6	20	1,224	1,333	4	34	127	46	23	1,567
Total All Railroads	11,252	267	238	447	54	237	12,495	13,080	306	49	1,913	764	252	16,812

** 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, 1994

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
CLASS I RAILROADS												
Amtrak (Nat'l Railroad Passenger Corp)	0	2	0	0	0	2	12	21	20	13	12	78
Atchison, Topeka & Santa Fe Railway	0	4	1	0	0	5	9	13	10	1	7	40
Burlington Northern Railroad Co.	0	1	1	0	0	2	20	32	37	4	18	111
Chicago and North Western Railway Co.	0	1	0	0	0	1	11	12	6	4	2	35
Consolidated Rail Corp.	0	3	0	0	0	3	21	23	30	10	16	100
CSX Transportation	0	1	4	0	0	5	14	16	15	6	6	57
Denver & Rio Grande Western Railroad	0	1	0	0	0	1	2	2	1	0	2	7
Grand Trunk Western Railroad Inc.	0	3	0	0	0	3	2	5	4	0	3	14
Illinois Central Railroad Co.	0	1	1	1	0	3	4	2	2	0	6	14
Kansas City Southern Railway Co.	0	0	0	0	0	0	3	3	4	1	5	16
Norfolk Southern Corp.	2	2	1	0	0	5	8	15	12	1	14	50
Soo Line Railroad Co.	0	0	0	0	0	0	11	2	5	0	5	23
Southern Pacific Transportation Co.	0	0	1	0	0	1	13	7	10	3	8	41
St. Louis Southwestern Railway Co.	0	0	0	0	0	0	0	2	2	0	3	7
Union Pacific Railroad Co.	0	4	4	1	0	9	19	35	21	7	12	94
Total Class I Railroads.....	2	23	13	2	0	40	149	190	179	50	119	687
GROUP II RAILROADS **												
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	1	0	1	2
Bangor & Aroostook Railroad	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
Belt Railway Co. Of Chicago	0	0	0	0	0	0	2	0	3	0	1	6
Birmingham Southern Railroad Co.	0	0	0	0	0	0	0	1	0	0	0	1
Chicago, Central & Pacific Railroad	0	0	0	0	0	0	0	3	4	0	1	8
Cuyahoga Valley Railway Co.	0	0	0	0	0	0	0	0	0	0	0	0
Delaware & Hudson Railway Co.	0	0	0	0	0	0	1	0	3	0	0	4
Dakota, Minnesota & Eastern Railroad	0	0	0	0	0	0	0	1	0	0	0	1
Duluth, Missabe & Iron Range Railway	1	0	0	0	0	1	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	0	0	0	0	0	1	2	0	0	0	3
Fox Valley & Western Ltd.	0	0	0	0	0	0	0	0	0	0	0	0
Gateway Western Railway	0	0	0	0	0	0	0	1	0	0	0	1
Houston Belt & Terminal Railway Co.	0	0	0	0	0	0	0	0	0	0	0	0
Indiana Harbor Belt Railroad Co.	0	1	0	0	0	1	1	1	0	3	2	7
Long Island Rail Road	0	0	0	0	0	0	2	6	0	0	2	10
Metro North Commuter Railroad Co.	0	0	0	0	0	0	4	5	2	4	8	23
Montana Rail Link	0	0	0	0	0	0	1	1	0	0	1	3
Northern Indiana Commuter Trans.	0	0	0	0	0	0	1	0	0	0	0	1
Northeast Illinois Regional Comuter	0	0	0	0	0	0	0	1	4	3	1	9
New Jersey Transit Rail Operations	0	0	0	0	0	0	8	4	1	1	3	17
Paducah & Louisville Railway Co.	0	0	0	0	0	0	0	0	0	0	0	0
Port Authority Trans Hudson	0	0	0	0	0	0	0	0	0	2	0	2
Port Terminal Railroad Assoc.	0	0	0	0	0	0	0	2	2	0	0	4
Southeastern Pennsylvania Trans.	0	0	0	0	0	0	1	5	4	2	1	13
Southern Pacific, Chicago-St. Louis	0	0	0	0	0	0	0	1	1	0	0	2
Springfield Terminal Railway Co.	0	0	0	0	0	0	1	2	0	2	1	6
Texas Mexican Railway Co.	0	0	0	0	0	0	0	1	1	1	0	3
Terminal Railroad Assoc. Of State Dock	0	0	0	0	0	0	0	1	0	0	0	1
Union Railroad Co. (Pittsburgh)	0	0	0	0	0	0	0	1	0	1	1	3
Wisconsin Central Ltd. (also Railway)	0	0	0	0	0	0	0	2	2	1	4	9
Wheeling & Lake Erie Railway Co.	0	0	0	0	0	0	0	0	1	0	0	1
Total Group II Railroads **.....	1	1	0	0	0	2	24	43	29	20	27	143
RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)												
Class I Railroads	2	23	13	2	0	40	149	190	179	50	119	687
Group II Railroads **	1	1	0	0	0	2	24	43	29	20	27	143
All Other Railroads	1	7	0	0	0	8	16	25	27	9	18	95
Total All Railroads	4	31	13	2	0	50	189	258	235	79	164	925

** 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, 1994

<<..... O T H E R I N J U R I E S>>

Railroad	Bruise	Sprain/ Strain	Cut	Elec Burn	Other Burns	Dislo- cation	Object in-eye	Other	Total	TOTALS
CLASS I RAILROADS										
Amtrak (Nat'l Railroad Passenger Corp.)	349	618	152	14	19	7	20	97	1,276	1,356
Atchison, Topeka & Santa Fe Railway	48	188	62	1	6	5	13	40	363	408
Burlington Northern Railroad Co.	154	603	163	0	11	15	47	58	1,051	1,164
Chicago and North Western Railway Co.	19	145	24	1	1	0	17	11	218	254
Consolidated Rail Corp.	222	658	101	6	9	11	41	72	1,120	1,223
CSX Transportation	99	379	71	3	7	4	16	59	638	700
Denver & Rio Grande Western Railroad	16	61	8	1	2	0	7	8	103	111
Grand Trunk Western Railroad Inc.	38	138	19	0	1	0	7	20	223	240
Illinois Central Railroad Co.	18	37	15	2	4	0	5	7	88	105
Kansas City Southern Railway Co.	20	44	5	0	0	5	2	8	84	100
Norfolk Southern Corp.	49	180	65	0	6	6	9	60	375	430
Soo Line Railroad Co.	62	274	32	1	7	0	11	29	416	439
Southern Pacific Transportation Co.	115	397	58	2	6	2	36	64	680	722
St. Louis Southwestern Railway Co.	24	62	15	0	0	1	4	4	110	117
Union Pacific Railroad Co.	133	645	136	2	11	50	0	167	1,144	1,247
Total Class I Railroads.....	1,366	4,429	926	33	90	106	235	704	7,889	8,616
GROUP II RAILROADS **										
Alton & Southern Railroad	3	8	2	0	0	1	0	0	14	14
Alaska Railroad Corp.	6	15	2	0	1	0	1	5	30	32
Bangor & Aroostook Railroad	3	11	4	0	2	0	5	5	30	30
Bessemer & Lake Erie Railroad Co.	0	3	1	0	1	0	0	2	7	7
Belt Railway Co. Of Chicago	17	23	4	0	1	0	2	1	48	54
Birmingham Southern Railroad Co.	1	4	2	0	0	0	1	2	10	11
Chicago, Central & Pacific Railroad	11	30	4	1	1	1	0	3	51	59
Cuyahoga Valley Railway Co.	5	9	5	0	1	0	4	3	27	27
Delaware & Hudson Railway Co.	4	15	7	0	1	0	0	3	30	34
Dakota, Minnesota & Eastern Railroad	1	9	2	0	0	0	6	0	18	19
Duluth, Missabe & Iron Range Railway	5	22	4	0	2	0	3	0	36	38
Elgin, Joliet & Eastern Railway Co.	3	14	6	0	0	0	9	1	33	35
Florida East Coast Railway Co.	7	24	0	0	0	0	1	2	34	37
Fox Valley & Western Ltd.	4	11	4	0	0	0	3	1	23	23
Gateway Western Railway	5	5	0	0	0	0	0	0	10	11
Houston Belt & Terminal Railway Co.	2	19	3	0	0	0	0	2	26	26
Indiana Harbor Belt Railroad Co.	10	30	8	0	3	4	3	3	58	66
Long Island Rail Road	113	401	64	14	6	2	37	34	671	681
Metro North Commuter Railroad Co.	116	278	63	7	4	10	25	24	527	550
Montana Rail Link	7	23	6	0	1	0	3	3	43	46
Northern Indiana Commuter Trans.	5	20	5	2	0	0	2	11	45	46
Northeast Illinois Regional Comuter	21	52	13	1	3	1	5	9	105	114
New Jersey Transit Rail Operations	41	96	28	1	1	2	9	29	207	224
Paducah & Louisville Railway Co.	1	17	2	0	2	0	2	2	26	26
Port Authority Trans Hudson	45	60	12	2	1	1	8	6	135	137
Port Terminal Railroad Assoc.	1	6	2	0	0	0	0	1	10	14
Southeastern Pennsylvania Trans.	45	121	17	1	1	1	12	28	226	239
Southern Pacific, Chicago-St. Louis	3	9	1	0	0	0	0	2	15	17
Springfield Terminal Railway Co.	5	9	7	0	0	0	0	1	22	28
Texas Mexican Railway Co.	14	23	0	0	1	0	10	5	53	56
Terminal Railroad Assoc. Of State Dock	0	2	1	0	0	0	0	0	3	4
Union Railroad Co. (Pittsburgh)	2	7	6	0	0	0	6	2	23	26
Wisconsin Central Ltd. (also Railway)	15	66	12	0	3	1	7	11	115	124
Wheeling & Lake Erie Railway Co.	1	2	3	0	0	1	0	2	9	10
Total Group II Railroads **.....	522	1,444	300	29	33	24	165	203	2,720	2,865
RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)										
Class I Railroads	1,366	4,429	926	33	90	106	235	704	7,889	8,616
Group II Railroads **	522	1,444	300	29	33	24	165	203	2,720	2,865
All Other Railroads	219	555	186	8	22	18	101	102	1,211	1,314
Total All Railroads	2,107	6,428	1,412	70	145	148	501	1,009	11,820	12,795

** 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, 1994

Railroad	< COLLISIONS >		< DERAILMENTS >		<... OTHER... >		< T O T A L S >		Rate*	Train Miles
	Killed/Injured		Killed/Injured		Killed/Injured		Killed/Injured			
CLASS I RAILROADS										
Amtrak (Nat'l Railroad Passenger Corp.)	1	46	0	52	14	22	15	120	3.13	43,066,839
Atchison, Topeka & Santa Fe Railway	0	7	0	1	1	4	1	12	0.26	50,875,427
Burlington Northern Railroad Co.	2	8	0	4	2	26	4	38	0.46	90,588,429
Chicago and North Western Railway Co.	0	1	0	1	1	2	1	4	0.25	20,349,429
Consolidated Rail Corp.	0	5	0	2	1	5	1	12	0.27	47,702,250
CSX Transportation	0	1	2	15	3	20	5	36	0.51	80,544,932
Denver & Rio Grande Western Railroad	0	0	0	3	0	0	0	3	0.46	6,507,693
Grand Trunk Western Railroad Inc.	0	4	0	1	0	0	0	5	0.97	5,149,122
Illinois Central Railroad Co.	1	3	0	11	0	0	1	14	1.74	8,611,009
Kansas City Southern Railway Co.	0	5	0	2	0	4	0	11	1.57	6,985,387
Norfolk Southern Corp.	0	4	0	5	3	10	3	19	0.37	58,750,451
Soo Line Railroad Co.	0	6	0	2	1	0	1	8	0.97	9,311,163
Southern Pacific Transportation Co.	4	3	0	6	4	7	8	16	0.61	39,043,395
St. Louis Southwestern Railway Co.	0	0	0	0	0	5	0	5	0.53	9,484,812
Union Pacific Railroad Co.	0	3	0	5	3	12	3	20	0.24	96,075,979
Total Class I Railroads.....	8	96	2	110	33	117	43	323	0.64	573,046,317
GROUP II RAILROADS **										
Alton & Southern Railroad	0	0	0	0	0	0	0	0	0.00	744,291
Alaska Railroad Corp.	0	0	0	0	1	3	1	3	4.65	859,403
Bangor & Aroostook Railroad	0	0	0	0	0	0	0	0	0.00	417,775
Bessemer & Lake Erie Railroad Co.	0	0	0	0	0	0	0	0	0.00	197,331
Belt Railway Co. Of Chicago	0	1	0	0	0	0	0	1	2.68	373,736
Birmingham Southern Railroad Co.	0	0	0	0	0	0	0	0	0.00	94,290
Chicago, Central & Pacific Railroad	0	2	0	0	0	0	0	2	2.15	928,401
Cuyahoga Valley Railway Co.	0	0	0	0	0	0	0	0	0.00	33,247
Delaware & Hudson Railway Co.	0	0	0	0	0	0	0	0	0.00	2,055,180
Dakota, Minnesota & Eastern Railroad	0	0	0	0	0	0	0	0	0.00	640,861
Duluth, Missabe & Iron Range Railway	0	0	0	0	0	0	0	0	0.00	723,709
Elgin, Joliet & Eastern Railway Co.	0	0	0	0	0	0	0	0	0.00	570,530
Florida East Coast Railway Co.	0	2	0	0	0	0	0	2	0.54	3,673,434
Fox Valley & Western Ltd.	0	0	0	0	0	0	0	0	0.00	513,215
Gateway Western Railway	0	0	0	0	0	0	0	0	0.00	879,746
Houston Belt & Terminal Railway Co.	0	1	0	0	0	1	0	2	2.30	870,084
Indiana Harbor Belt Railroad Co.	0	0	0	0	0	0	0	0	0.00	1,287,574
Long Island Rail Road	0	3	0	3	1	9	1	15	1.97	8,141,369
Metro North Commuter Railroad Co.	0	2	0	0	0	5	0	7	0.95	7,374,073
Montana Rail Link	0	1	0	0	0	0	0	1	0.28	3,524,089
Northern Indiana Commuter Trans.	0	0	0	0	0	1	0	1	1.40	712,722
Northeast Illinois Regional Comuter	0	0	0	0	0	76	0	76	23.50	3,233,688
New Jersey Transit Rail Operations	0	1	0	1	0	3	0	5	0.67	7,442,993
Paducah & Louisville Railway Co.	0	0	0	0	0	0	0	0	0.00	681,362
Port Authority Trans Hudson	0	0	0	0	0	0	0	0	0.00	1,676,057
Port Terminal Railroad Assoc.	0	0	0	0	0	0	0	0	0.00	1,058,496
Southeastern Pennsylvania Trans.	0	2	0	0	0	2	0	4	0.81	4,964,483
Southern Pacific, Chicago-St. Louis	0	0	0	0	0	0	0	0	0.00	1,829,507
Springfield Terminal Railway Co.	0	0	0	0	0	0	0	0	0.00	1,073,151
Texas Mexican Railway Co.	0	0	0	0	0	0	0	0	0.00	225,330
Terminal Railroad Assoc. Of State Dock	0	0	0	0	0	0	0	0	0.00	501,008
Union Railroad Co. (Pittsburgh)	0	0	0	1	0	0	0	1	6.50	153,964
Wisconsin Central Ltd. (also Railway)	0	2	0	0	0	1	0	3	0.83	3,595,393
Wheeling & Lake Erie Railway Co.	0	0	0	1	0	0	0	1	1.70	588,046
Total Group II Railroads **.....	0	17	0	6	2	101	2	124	2.04	61,638,538
RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)										
Class I Railroads	8	96	2	110	33	117	43	323	0.64	573,046,317
Group II Railroads **	0	17	0	6	2	101	2	124	2.04	61,638,538
All Other Railroads	0	5	0	4	0	4	0	13	0.64	20,398,201
Total All Railroads	8	118	2	120	35	222	45	460	0.77	655,083,056

* 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, 1994

Railroad	I. Exec Office Staff II. Prof, Clerical, Gen			III. Maintenance of Way & Structures			IV. Maintenance of Equipment & Stores		
	Killed	Injured	Illness	Killed	Injured	Illness	Killed	Injured	Illness
CLASS I RAILROADS									
Amtrak (Nat'l Railroad Passenger Corp.)	0	112	0	0	279	3	0	390	2
Atchison, Topeka & Santa Fe Railway	0	11	2	2	156	8	0	60	2
Burlington Northern Railroad Co.	1	32	0	0	424	16	0	211	4
Chicago and North Western Railway Co.	0	11	0	0	64	5	0	77	6
Consolidated Rail Corp.	0	59	0	1	238	1	0	318	2
CSX Transportation	0	34	0	1	169	2	0	119	0
Denver & Rio Grande Western Railroad	0	3	0	0	12	2	0	48	11
Grand Trunk Western Railroad Inc.	0	7	1	0	35	0	0	68	1
Illinois Central Railroad Co.	0	2	0	0	39	0	0	21	0
Kansas City Southern Railway Co.	0	0	0	0	37	0	0	12	0
Norfolk Southern Corp.	0	18	0	0	85	0	0	149	2
Soo Line Railroad Co.	0	5	2	0	131	4	0	63	2
Southern Pacific Transportation Co.	0	72	9	0	138	8	0	120	2
St. Louis Southwestern Railway Co.	0	8	0	0	25	0	0	22	2
Union Pacific Railroad Co.	0	82	10	1	265	9	1	295	15
Total Class I Railroads.....	1	456	24	5	2,097	58	1	1,973	51
GROUP II RAILROADS **									
Alton & Southern Railroad	0	1	0	0	2	0	0	5	0
Alaska Railroad Corp.	0	2	0	0	9	2	0	11	1
Bangor & Aroostook Railroad	0	0	0	0	11	0	0	14	0
Bessemer & Lake Erie Railroad Co.	1	0	0	0	5	0	0	1	0
Belt Railway Co. Of Chicago	0	2	0	0	12	1	0	16	0
Birmingham Southern Railroad Co.	0	0	0	0	6	0	0	4	0
Chicago, Central & Pacific Railroad	0	2	0	0	21	1	0	9	0
Cuyahoga Valley Railway Co.	0	0	0	0	4	0	0	12	0
Delaware & Hudson Railway Co.	0	2	0	0	7	0	0	9	0
Dakota, Minnesota & Eastern Railroad	0	0	0	0	5	0	0	4	0
Duluth, Missabe & Iron Range Railway	0	0	0	0	19	1	0	12	2
Elgin, Joliet & Eastern Railway Co.	0	2	0	0	13	0	0	2	0
Florida East Coast Railway Co.	0	1	0	0	5	0	0	2	0
Fox Valley & Western Ltd.	0	1	0	0	7	1	0	0	0
Gateway Western Railway	0	0	0	0	3	0	0	1	0
Houston Belt & Terminal Railway Co.	0	1	0	0	6	0	0	3	0
Indiana Harbor Belt Railroad Co.	0	4	0	0	19	0	0	5	0
Long Island Rail Road	0	72	3	0	186	7	0	244	2
Metro North Commuter Railroad Co.	0	119	4	1	161	3	0	169	4
Montana Rail Link	0	1	2	0	14	0	0	5	0
Northern Indiana Commuter Trans.	0	1	0	0	33	0	0	9	0
Northeast Illinois Regional Comuter	0	14	0	0	37	0	0	39	0
New Jersey Transit Rail Operations	0	18	1	0	81	5	0	47	1
Paducah & Louisville Railway Co.	0	0	0	0	9	0	0	7	0
Port Authority Trans Hudson	0	8	0	0	52	1	0	38	0
Port Terminal Railroad Assoc.	0	0	0	0	2	0	0	1	0
Southeastern Pennsylvania Trans.	0	3	0	0	73	1	0	48	0
Southern Pacific, Chicago-St. Louis	0	0	0	0	7	0	0	0	0
Springfield Terminal Railway Co.	0	0	0	0	11	0	0	8	0
Texas Mexican Railway Co.	0	6	0	0	16	2	0	19	0
Terminal Railroad Assoc. Of State Dock	0	0	0	0	0	0	1	0	0
Union Railroad Co. (Pittsburgh)	0	0	0	0	4	0	0	7	0
Wisconsin Central Ltd. (also Railway)	0	3	1	0	40	2	0	28	0
Wheeling & Lake Erie Railway Co.	0	0	0	0	2	0	0	2	0
Total Group II Railroads **.....	1	263	11	1	882	27	1	781	10
RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)									
Class I Railroads	1	456	24	5	2,097	58	1	1,973	51
Group II Railroads **	1	263	11	1	882	27	1	781	10
All Other Railroads	0	33	1	0	506	11	0	291	1
Total All Railroads	2	752	36	6	3,485	96	2	3,045	62

** 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, 1994

Railroad	V. Transportation Non-train & Engine			VI. Transportation Train & Engine		
	Killed	Injured/Illness		Killed	Injured/Illness	

CLASS I RAILROADS						
Amtrak (Nat'l Railroad Passenger Corp)	0	392	4	1	183	2
Atchison, Topeka & Santa Fe Railway	0	3	1	0	178	3
Burlington Northern Railroad Co.	0	7	0	5	490	10
Chicago and North Western Railway Co.	0	8	0	0	94	2
Consolidated Rail Corp.	0	30	0	2	578	10
CSX Transportation	0	19	0	1	359	2
Denver & Rio Grande Western Railroad	0	1	1	0	47	1
Grand Trunk Western Railroad Inc.	0	1	0	0	129	5
Illinois Central Railroad Co.	0	1	0	1	42	0
Kansas City Southern Railway Co.	0	1	0	0	50	0
Norfolk Southern Corp.	0	5	0	0	173	0
Soo Line Railroad Co.	0	5	0	0	235	4
Southern Pacific Transportation Co.	0	16	2	5	376	5
St. Louis Southwestern Railway Co.	0	1	0	1	61	0
Union Pacific Railroad Co.	0	12	0	3	593	3
Total Class I Railroads.....	0	502	8	19	3,588	47
GROUP II RAILROADS **						
Alton & Southern Railroad	0	0	0	0	6	0
Alaska Railroad Corp.	0	1	0	1	9	1
Bangor & Aroostook Railroad	0	0	0	0	5	0
Bessemer & Lake Erie Railroad Co.	0	0	0	0	1	0
Belt Railway Co. Of Chicago	0	0	0	0	24	0
Birmingham Southern Railroad Co.	0	0	0	0	1	0
Chicago, Central & Pacific Railroad	0	0	0	0	27	0
Cuyahoga Valley Railway Co.	0	0	0	0	11	0
Delaware & Hudson Railway Co.	0	1	0	0	15	0
Dakota, Minnesota & Eastern Railroad	0	0	0	0	10	0
Duluth, Missabe & Iron Range Railway	0	0	0	0	7	0
Elgin, Joliet & Eastern Railway Co.	0	4	0	0	14	1
Florida East Coast Railway Co.	0	1	0	0	28	0
Fox Valley & Western Ltd.	0	2	0	0	13	0
Gateway Western Railway	0	0	0	0	7	0
Houston Belt & Terminal Railway Co.	0	0	0	0	16	0
Indiana Harbor Belt Railroad Co.	0	2	0	0	36	0
Long Island Rail Road	0	11	0	0	168	0
Metro North Commuter Railroad Co.	0	1	1	0	100	11
Montana Rail Link	0	0	0	0	26	0
Northern Indiana Commuter Trans.	0	0	0	0	3	0
Northeast Illinois Regional Comuter	0	1	0	0	23	2
New Jersey Transit Rail Operations	0	3	0	0	75	8
Paducah & Louisville Railway Co.	0	0	0	0	10	0
Port Authority Trans Hudson	0	2	0	0	37	0
Port Terminal Railroad Assoc.	0	0	0	1	11	0
Southeastern Pennsylvania Trans.	0	18	1	0	97	2
Southern Pacific, Chicago-St. Louis	0	0	0	0	10	0
Springfield Terminal Railway Co.	0	2	0	0	7	0
Texas Mexican Railway Co.	0	1	0	0	14	1
Terminal Railroad Assoc. Of State Dock	0	0	0	0	4	0
Union Railroad Co. (Pittsburgh)	0	1	0	0	14	0
Wisconsin Central Ltd. (also Railway)	0	1	0	0	52	2
Wheeling & Lake Erie Railway Co.	0	0	0	0	6	0
Total Group II Railroads **.....	0	52	2	2	887	28
RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)						
Class I Railroads	0	502	8	19	3,588	47
Group II Railroads **	0	52	2	2	887	28
All Other Railroads	0	35	0	0	449	6
Total All Railroads	0	589	10	21	4,924	81

** 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*	
CLASS I RAILROADS									
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
GROUP II RAILROADS **									
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
RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)									
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, 1994

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	
CLASS I RAILROADS							
Amtrak (Nat'l Railroad Passenger Corp.)	1,367	950	938	12	30,836	432	417
Atchison, Topeka & Santa Fe Railway	424	323	217	106	17,817	9,677	101
Burlington Northern Railroad Co.	1,194	864	644	220	36,046	15,863	330
Chicago and North Western Railway Co.	267	191	190	1	15,590	10	76
Consolidated Rail Corp.	1,236	1,019	985	34	100,359	1,955	217
CSX Transportation	704	571	568	3	49,631	89	133
Denver & Rio Grande Western Railroad	126	94	87	7	4,686	157	32
Grand Trunk Western Railroad Inc.	247	202	194	8	7,206	102	45
Illinois Central Railroad Co.	105	65	59	6	2,407	395	40
Kansas City Southern Railway Co.	100	88	88	0	4,418	7	12
Norfolk Southern Corp.	432	318	289	29	30,993	1,156	114
Soo Line Railroad Co.	451	362	317	45	17,085	1,006	89
Southern Pacific Transportation Co.	748	568	542	26	43,368	642	180
St. Louis Southwestern Railway Co.	119	87	84	3	9,525	97	32
Union Pacific Railroad Co.	1,284	992	729	263	41,793	9,852	292
Total Class I Railroads.....	8,804	6,694	5,931	763	411,760	41,440	2,110
GROUP II RAILROADS **							
Alton & Southern Railroad	14	13	12	1	373	3	1
Alaska Railroad Corp.	36	32	28	4	690	245	4
Bangor & Aroostook Railroad	30	17	16	1	475	1	13
Bessemer & Lake Erie Railroad Co.	7	3	3	0	49	1	4
Belt Railway Co. Of Chicago	55	44	42	2	1,284	24	11
Birmingham Southern Railroad Co.	11	6	3	3	417	73	5
Chicago, Central & Pacific Railroad	60	53	39	14	1,217	154	7
Cuyahoga Valley Railway Co.	27	20	17	3	911	19	7
Delaware & Hudson Railway Co.	34	29	22	7	781	676	5
Dakota, Minnesota & Eastern Railroad	19	13	12	1	716	72	6
Duluth, Missabe & Iron Range Railway	41	33	9	24	375	656	8
Elgin, Joliet & Eastern Railway Co.	36	16	8	8	614	341	20
Florida East Coast Railway Co.	37	32	31	1	1,681	107	5
Fox Valley & Western Ltd.	24	14	9	5	58	119	10
Gateway Western Railway	11	7	7	0	284	0	4
Houston Belt & Terminal Railway Co.	26	23	22	1	903	14	3
Indiana Harbor Belt Railroad Co.	66	57	54	3	4,074	25	9
Long Island Rail Road	693	675	673	2	15,922	861	18
Metro North Commuter Railroad Co.	573	464	320	144	12,158	2,889	109
Montana Rail Link	48	33	31	2	660	624	15
Northern Indiana Commuter Trans.	46	35	25	10	409	526	11
Northeast Illinois Regional Comuter	116	97	95	2	2,326	16	19
New Jersey Transit Rail Operations	239	180	179	1	6,593	125	59
Paducah & Louisville Railway Co.	26	16	15	1	546	101	10
Port Authority Trans Hudson	138	137	136	1	2,103	140	1
Port Terminal Railroad Assoc.	14	9	8	1	653	9	5
Southeastern Pennsylvania Trans.	243	188	185	3	5,687	126	55
Southern Pacific, Chicago-St. Louis	17	13	12	1	750	6	4
Springfield Terminal Railway Co.	28	22	16	6	721	301	6
Texas Mexican Railway Co.	59	42	35	7	822	557	17
Terminal Railroad Assoc. Of State Dock	4	3	0	3	0	173	1
Union Railroad Co. (Pittsburgh)	26	10	10	0	937	4	16
Wisconsin Central Ltd. (also Railway)	129	90	78	12	1,169	843	39
Wheeling & Lake Erie Railway Co.	10	8	7	1	210	110	2
TOTAL GROUP II RAILROADS.....	2,943	2,434	2,159	275	66,568	9,941	509
RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)							
Class I Railroads	8,804	6,694	5,931	763	411,760	41,440	2,110
Group II Railroads **	2,943	2,434	2,159	275	66,568	9,941	509
All Other Railroads	1,333	846	668	178	14,076	5,962	487
Total All Railroads	13,080	9,974	8,758	1,216	492,404	57,343	3,106

* 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, 1994

Railroad	TOTAL CASES	Fatal- ities	< INJURY C A S E S REPORTED FOR FOLLOWING REASONS >					Occupational Illnesses
			<Total <Injuries	Days-Away From-Work	Restricted Activity	Medi- cation	Medical Treatment	
CLASS I RAILROADS								
Amtrak (Nat'l Railroad Passenger Corp.)	1,368	1	1,356	931	12	165	248	11
Atchison, Topeka & Santa Fe Railway	426	2	408	211	104	5	88	16
Burlington Northern Railroad Co.	1,200	6	1,164	631	214	3	316	30
Chicago and North Western Railway Co.	267	0	254	182	1	27	44	13
Consolidated Rail Corp.	1,239	3	1,223	974	34	4	211	13
CSX Transportation	706	2	700	565	3	34	98	4
Denver & Rio Grande Western Railroad	126	0	111	77	7	0	27	15
Grand Trunk Western Railroad Inc.	247	0	240	188	8	14	30	7
Illinois Central Railroad Co.	106	1	105	59	6	15	25	0
Kansas City Southern Railway Co.	100	0	100	88	0	0	12	0
Norfolk Southern Corp.	432	0	430	289	29	25	87	2
Soo Line Railroad Co.	451	0	439	308	45	23	63	12
Southern Pacific Transportation Co.	753	5	722	531	25	0	166	26
St. Louis Southwestern Railway Co.	120	1	117	83	3	0	31	2
Union Pacific Railroad Co.	1,289	5	1,247	710	256	100	181	37
Total Class I Railroads.....	8,830	26	8,616	5,827	747	415	1,627	188
GROUP II RAILROADS **								
Alton & Southern Railroad	14	0	14	12	1	0	1	0
Alaska Railroad Corp.	37	1	32	25	4	3	0	4
Bangor & Aroostook Railroad	30	0	30	16	1	4	9	0
Bessemer & Lake Erie Railroad Co.	8	1	7	3	0	3	1	0
Belt Railway Co. Of Chicago	55	0	54	42	2	1	9	1
Birmingham Southern Railroad Co.	11	0	11	3	3	1	4	0
Chicago, Central & Pacific Railroad	60	0	59	38	14	4	3	1
Cuyahoga Valley Railway Co.	27	0	27	17	3	2	5	0
Delaware & Hudson Railway Co.	34	0	34	22	7	1	4	0
Dakota, Minnesota & Eastern Railroad	19	0	19	12	1	0	6	0
Duluth, Missabe & Iron Range Railway	41	0	38	9	22	1	6	3
Elgin, Joliet & Eastern Railway Co.	36	0	35	8	8	9	10	1
Florida East Coast Railway Co.	37	0	37	31	1	3	2	0
Fox Valley & Western Ltd.	24	0	23	8	5	3	7	1
Gateway Western Railway	11	0	11	7	0	3	1	0
Houston Belt & Terminal Railway Co.	26	0	26	22	1	2	1	0
Indiana Harbor Belt Railroad Co.	66	0	66	54	3	1	8	0
Long Island Rail Road	693	0	681	664	2	0	15	12
Metro North Commuter Railroad Co.	574	1	550	305	141	60	44	23
Montana Rail Link	48	0	46	30	2	7	7	2
Northern Indiana Commuter Trans.	46	0	46	25	10	9	2	0
Northeast Illinois Regional Comuter	116	0	114	95	2	8	9	2
New Jersey Transit Rail Operations	239	0	224	169	1	24	30	15
Paducah & Louisville Railway Co.	26	0	26	15	1	0	10	0
Port Authority Trans Hudson	138	0	137	135	1	0	1	1
Port Terminal Railroad Assoc.	15	1	14	8	1	2	3	0
Southeastern Pennsylvania Trans.	243	0	239	182	3	0	54	4
Southern Pacific, Chicago-St. Louis	17	0	17	12	1	0	4	0
Springfield Terminal Railway Co.	28	0	28	16	6	0	6	0
Texas Mexican Railway Co.	59	0	56	32	7	8	9	3
Terminal Railroad Assoc. Of State Dock	5	1	4	0	3	0	1	0
Union Railroad Co. (Pittsburgh)	26	0	26	10	0	7	9	0
Wisconsin Central Ltd. (also Railway)	129	0	124	76	12	6	30	5
Wheeling & Lake Erie Railway Co.	10	0	10	7	1	0	2	0
TOTAL GROUP II RAILROADS.....	2,948	5	2,865	2,110	270	172	313	78
RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)								
Class I Railroads	8,830	26	8,616	5,827	747	415	1,627	188
Group II Railroads **	2,948	5	2,865	2,110	270	172	313	78
All Other Railroads	1,333	0	1,314	658	178	80	398	19
Total All Railroads	13,111	31	12,795	8,595	1,195	667	2,338	285

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, 1994**

Type of Accident/Incident	TOTAL* A/I	Fatal A/I	Total Killed	<EMPLOYEES- ON- DUTY> Trnmen/Other/Total			Enod	Psgr	Nont	Contr	Tres
TRAIN ACCIDENTS											
Class I Railroads	63	7	12	8	0	8	0	2	2	0	0
Group II Railroads **	24	0	0	0	0	0	0	0	0	0	0
All Other Railroads	6	0	0	0	0	0	0	0	0	0	0
Total All Railroads	93	7	12	8	0	8	0	2	2	0	0
TRAIN INCIDENTS											
Class I Railroads	1,933	474	486	11	5	16	0	2	35	1	432
Group II Railroads **	486	71	71	1	0	1	0	1	1	0	68
All Other Railroads	202	13	14	0	0	0	0	0	0	0	14
Total All Railroads	2,621	558	571	12	5	17	0	3	36	1	514
NON-TRAIN INCIDENTS											
Class I Railroads	7,954	20	20	0	2	2	0	0	6	2	10
Group II Railroads **	3,200	6	7	0	3	3	0	0	0	0	4
All Other Railroads	1,214	1	1	0	0	0	0	0	0	0	1
Total All Railroads	12,368	27	28	0	5	5	0	0	6	2	15
HIGHWAY-RAIL CROSSING (Excluded from above categories)											
Class I Railroads	1,597	463	562	0	0	0	0	0	426	0	136
Group II Railroads **	153	30	34	1	0	1	0	0	23	0	10
All Other Railroads	147	19	19	0	0	0	0	0	12	0	7
Total All Railroads	1,897	512	615	1	0	1	0	0	461	0	153
T O T A L S											
Class I Railroads	11,547	964	1,080	19	7	26	0	4	469	3	578
Group II Railroads **	3,863	107	112	2	3	5	0	1	24	0	82
All Other Railroads	1,569	33	34	0	0	0	0	0	12	0	22
Total All Railroads	16,979	1,104	1,226	21	10	31	0	5	505	3	682

* 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
 Trnmen = Trainmen (Train & Engine: Jobcodes 601-623)

**TABLE 47: INJURIES BY TYPE OF ACCIDENT/INCIDENT, TYPE OF RAILROAD,
AND TYPE OF PERSON, 1994**

Type of Accident/Incident	TOTAL*	Injury	Total	<EMPLOYEES-ON-DUTY>			Enod	Psgr	Nont	Contr	Tres
	A/I	A/I	Injured	Trnmn	Other	Total					
TRAIN ACCIDENTS											
Class I Railroads	63	55	215	91	15	106	26	64	18	1	0
Group II Railroads **	24	24	37	26	5	31	0	6	0	0	0
All Other Railroads	6	6	9	6	0	6	0	0	0	3	0
Total All Railroads	93	85	261	123	20	143	26	70	18	4	0
TRAIN INCIDENTS											
Class I Railroads	1,933	1,449	1,515	831	262	1,093	12	34	40	8	328
Group II Railroads **	486	408	412	230	47	277	0	58	10	2	65
All Other Railroads	202	189	190	131	32	163	0	13	4	0	10
Total All Railroads	2,621	2,046	2,117	1,192	341	1,533	12	105	54	10	403
NON-TRAIN INCIDENTS											
Class I Railroads	7,954	7,767	7,857	2,566	4,744	7,310	219	41	86	169	32
Group II Railroads **	3,200	3,132	3,140	626	1,922	2,548	43	176	313	48	12
All Other Railroads	1,214	1,194	1,196	309	833	1,142	4	21	4	20	5
Total All Railroads	12,368	12,093	12,193	3,501	7,499	11,000	266	238	403	237	49
HIGHWAY-RAIL CROSSING (Excluded from above categories)											
Class I Railroads	1,597	1,134	1,572	100	7	107	1	8	1,212	1	243
Group II Railroads **	153	121	230	5	4	9	0	76	107	0	38
All Other Railroads	147	128	153	3	0	3	0	0	119	0	31
Total All Railroads	1,897	1,383	1,955	108	11	119	1	84	1,438	1	312
T O T A L S											
Class I Railroads	11,547	10,405	11,159	3,588	5,028	8,616	258	147	1,356	179	603
Group II Railroads **	3,863	3,685	3,819	887	1,978	2,865	43	316	430	50	115
All Other Railroads	1,569	1,517	1,548	449	865	1,314	4	34	127	23	46
Total All Railroads	16,979	15,607	16,526	4,924	7,871	12,795	305	497	1,913	252	764

* 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, 1994**

Type of Accident/Incident	TOTAL*	Illness	Total	<EMPLOYEES- ON-DUTY>			Enod	Psgr	Nont	Contr	Tres
	A/I	A/I	Illness	Trnmen	Other	Total					
TRAIN ACCIDENTS											
Class I Railroads	63	1	1	1	0	1	0	0	0	0	0
Group II Railroads **	24	0	0	0	0	0	0	0	0	0	0
All Other Railroads	6	0	0	0	0	0	0	0	0	0	0
Total All Railroads	93	1	1	1	0	1	0	0	0	0	0
TRAIN INCIDENTS											
Class I Railroads	1,933	10	13	10	3	13	0	0	0	0	0
Group II Railroads **	486	7	13	12	1	13	0	0	0	0	0
All Other Railroads	202	0	0	0	0	0	0	0	0	0	0
Total All Railroads	2,621	17	26	22	4	26	0	0	0	0	0
NON-TRAIN INCIDENTS											
Class I Railroads	7,954	167	171	32	138	170	1	0	0	0	0
Group II Railroads **	3,200	62	62	13	49	62	0	0	0	0	0
All Other Railroads	1,214	19	19	6	13	19	0	0	0	0	0
Total All Railroads	12,368	248	252	51	200	251	1	0	0	0	0
HIGHWAY-RAIL CROSSING (Excluded from above categories)											
Class I Railroads	1,597	0	4	4	0	4	0	0	0	0	0
Group II Railroads **	153	2	3	3	0	3	0	0	0	0	0
All Other Railroads	147	0	0	0	0	0	0	0	0	0	0
Total All Railroads	1,897	2	7	7	0	7	0	0	0	0	0
T O T A L S											
Class I Railroads	11,547	178	189	47	141	188	1	0	0	0	0
Group II Railroads **	3,863	71	78	28	50	78	0	0	0	0	0
All Other Railroads	1,569	19	19	6	13	19	0	0	0	0	0
Total All Railroads	16,979	268	286	81	204	285	1	0	0	0	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
Trnmen = Trainmen (Train & Engine: Jobcodes 601-623)

TABLE 49. NONFATAL INJURIES BY OCCURRENCE, 1994

Type of Accident/Incident	Amputations					Fractures						
	Arm/ Hand	Finger	Leg/ Foot	Toe	Other Part	Total	Arm/ Hand	Finger	Leg/ Foot	Toe	Other Part	Total
TRAIN ACCIDENTS												
Collisions	---	---	---	---	---	---	1	1	2	---	10	14
Derailments	---	---	---	---	---	---	---	---	6	---	2	8
Highway-rail x-ing	---	---	---	---	---	---	---	---	3	1	13	17
Miscellaneous	---	---	1	---	---	1	1	---	---	---	---	1
Total	---	---	1	---	---	1	2	1	11	1	25	40
TRAIN INCIDENTS												
Coupling and uncoupling locomotives or	---	1	---	---	---	1	6	3	3	---	1	13
Coupling/uncoupling air/steam hose, saf	1	---	2	---	---	3	---	1	---	---	---	1
Operating or on locomotives	---	---	---	---	---	---	1	3	1	1	2	8
Operating rail motorcars	---	---	---	---	---	---	---	1	---	---	1	2
Operating hand brakes	---	---	---	---	---	---	2	---	1	---	3	6
Operating switches or derails	---	---	1	---	---	1	1	---	---	---	---	1
Contacting fixed objects while on loco	---	---	1	---	---	1	---	---	2	---	1	3
Getting on or off cars or locomotives	4	1	8	2	---	15	7	1	14	1	11	34
Collisions, derailments, etc. (below \$	---	---	3	---	---	3	3	---	3	---	6	12
Highway-rail crossing accidents/incide	4	---	3	1	---	8	31	4	58	1	104	198
Struck by/ran into loco/car(not at hwy	11	3	65	12	---	91	17	1	29	2	38	87
Servicing or maintenance of equipment	---	---	4	---	---	4	3	1	3	1	---	8
Maintenance of way and structures	---	---	---	---	---	---	3	3	1	3	1	11
Freight, baggage, express or mail	---	---	---	---	---	---	---	---	2	---	---	2
Windows, doors, etc., on on-track equi	---	2	---	---	---	2	2	4	---	---	---	6
Passenger car doors	---	---	---	---	---	---	---	---	---	---	---	---
Stumbling, slipping, falling, caught,	1	---	5	---	---	6	5	3	9	2	1	20
Flying or falling objects, burns, etc.	---	---	---	---	---	---	---	---	1	---	---	1
Operation of on-track work equipment	---	---	1	---	---	1	---	---	2	---	---	2
Assault	---	---	---	---	---	---	---	---	---	---	2	2
Other occurrences	3	1	5	---	---	9	4	1	10	4	3	22
Total	24	8	98	15	---	145	85	26	139	15	174	439
NONTRAIN INCIDENTS												
Coupling and uncoupling locomotives or	---	1	---	1	---	2	8	5	7	3	1	24
Coupling/uncoupling air/steam hose, saf	---	---	---	---	---	---	---	7	---	---	3	10
Operating or on locomotives	---	1	---	---	---	1	5	3	5	3	4	20
Operating rail motorcars	---	1	---	---	---	1	1	---	---	---	1	2
Operating hand brakes	---	---	---	---	---	---	2	6	3	1	2	14
Operating switches or derails	---	---	---	---	---	---	3	10	2	3	4	22
Contacting fixed objects while on loco	---	---	---	---	---	---	---	---	1	---	1	2
Getting on or off cars or locomotives	---	---	1	---	---	1	26	6	38	---	17	87
Collisions, derailments, etc. (below \$	---	---	---	---	---	---	---	---	---	---	---	---
Highway-rail crossing accidents/incide	---	---	---	---	---	---	1	1	---	---	3	5
Struck by/ran into loco/car(not at hwy	---	---	1	---	---	1	1	1	---	---	1	3
Servicing or maintenance of equipment	1	9	1	---	---	11	49	64	43	13	22	191
Maintenance of way and structures	1	9	---	---	---	10	31	93	57	33	35	249
Freight, baggage, express or mail	---	---	---	---	---	---	---	---	---	1	1	2
Windows, doors, etc., on on-track equi	---	4	---	---	---	4	5	18	---	2	3	28
Passenger car doors	---	---	---	---	---	---	---	3	---	---	---	3
Stumbling, slipping, falling, caught,	---	1	---	---	---	1	85	16	117	5	60	283
Flying or falling objects, burns, etc.	---	---	---	---	---	---	1	2	2	5	4	14
Operation of on-track work equipment	---	2	---	---	---	2	1	2	2	---	---	5
Assault	---	---	---	---	---	---	---	4	1	2	2	9
Other occurrences	---	2	---	---	---	2	7	20	25	7	24	83
Total	2	30	3	1	---	36	226	261	303	78	188	1,056
Grand Total	26	38	102	16	---	182	313	288	453	94	387	1,535

TABLE 49. NONFATAL INJURIES BY OCCURRENCE, CONT., 1994

Type of Accident/Incident	Other Injuries.....								Total Injured	
	Bruise	Sprain/ Strain	Cut	Elec. Burn	Other Burns	Disloc- Cation	Object In Eye	Other		
TRAIN ACCIDENTS										
Collisions	42	52	4	---	---	1	---	5	104	118
Derailments	53	19	7	---	2	1	---	29	111	119
Highway-rail x-ing	34	105	18	---	---	1	---	22	180	197
Miscellaneous	3	11	1	2	---	---	---	5	22	24
Total.....	132	187	30	2	2	3	---	61	417	458
TRAIN INCIDENTS										
Coupling and uncoupling locomotives or Coupling/uncoupling air/steam hose, saf	23	73	14	---	---	2	---	6	118	132
Operating or on locomotives.....	53	152	31	4	3	5	71	55	374	382
Operating rail motorcars.....	7	6	---	---	---	---	---	1	14	16
Operating hand brakes.....	13	18	---	---	---	---	---	3	34	40
Operating switches or derails.....	1	3	---	---	---	---	---	1	5	7
Contacting fixed objects while on loco	25	11	7	---	---	1	---	1	45	49
Getting on or off cars or locomotives.	63	160	35	---	3	5	---	13	279	328
Collisions, derailments, etc. (below \$	14	33	7	---	---	1	---	12	67	82
Highway-rail crossing accidents/incide	394	211	361	---	3	13	---	520	1,502	1,708
Struck by/ran into loco/car(not at hwy	44	10	77	---	---	3	---	62	196	374
Servicing or maintenance of equipment.	8	18	1	---	---	1	---	1	29	41
Maintenance of way and structures.....	21	26	6	---	---	1	---	7	61	72
Freight, baggage, express or mail.....	2	6	---	---	---	---	---	1	9	11
Windows, doors, etc., on on-track equi	24	18	18	---	---	1	---	2	63	71
Passenger car doors.....	2	1	3	---	---	---	---	---	6	6
Stumbling, slipping, falling, caught,	34	47	18	---	---	---	1	3	103	129
Flying or falling objects, burns, etc.	14	2	10	1	13	---	19	30	89	90
Operation of on-track work equipment..	4	13	1	---	---	2	---	1	21	24
Assault.....	11	7	15	---	---	1	3	10	47	49
Other occurrences.....	50	70	27	---	2	3	---	17	169	200
Total.....	812	889	631	5	25	39	94	746	3,241	3,825
NONTRAIN INCIDENTS										
Coupling and uncoupling locomotives or	53	203	26	---	---	6	5	10	303	329
Coupling/uncoupling air/steam hose, saf	45	96	21	---	1	6	4	14	187	197
Operating or on locomotives.....	59	149	21	6	1	2	37	54	329	350
Operating rail motorcars.....	5	21	5	---	---	---	---	1	32	35
Operating hand brakes.....	29	162	10	---	---	2	1	12	216	230
Operating switches or derails.....	54	509	13	---	---	6	3	30	615	637
Contacting fixed objects while on loco	7	3	3	---	---	---	---	---	13	15
Getting on or off cars or locomotives.	159	438	52	1	1	11	---	26	688	776
Collisions, derailments, etc. (below \$	---	---	---	---	---	---	---	---	---	---
Highway-rail crossing accidents/incide	10	5	14	---	---	1	---	15	45	50
Struck by/ran into loco/car(not at hwy	4	5	2	---	---	---	1	2	14	18
Servicing or maintenance of equipment.	294	1,054	344	32	69	28	153	181	2,155	2,357
Maintenance of way and structures.....	393	1,367	518	22	37	30	122	224	2,713	2,972
Freight, baggage, express or mail.....	14	84	7	---	---	---	---	5	110	112
Windows, doors, etc., on on-track equi	54	115	46	---	---	3	1	14	233	265
Passenger car doors.....	3	7	1	---	---	---	---	---	11	14
Stumbling, slipping, falling, caught,	445	939	169	---	1	32	---	77	1,663	1,947
Flying or falling objects, burns, etc.	37	6	39	10	14	---	81	54	241	255
Operation of on-track work equipment..	7	30	12	---	1	1	1	2	54	61
Assault.....	44	46	24	---	---	3	1	14	132	141
Other occurrences.....	224	720	154	2	2	10	13	272	1,397	1,482
Total.....	1,940	5,959	1,481	73	127	141	423	1,007	11,151	12,243
Grand Total.....	2,884	7,035	2,142	80	154	183	517	1,814	14,809	16,526

TABLE 50. NATURE OF INJURIES BY PERSON, 1994

Type Person	Amputations.....					Fractures.....						
	Arm/ Hand	Finger	Leg/ Foot	Toe	Other Part	Total	Arm/ Hand	Finger	Leg/ Foot	Toe	Other Part	Total
EMPLOYEES ON DUTY												
YARD SERVICE:												
Engineers and Motormen	---	1	---	---	---	1	3	4	7	2	2	18
Firemen and Helpers	---	---	---	---	---	---	---	---	---	---	---	---
Conductors and Foremen	1	1	2	---	---	4	9	5	12	2	10	38
Brakemen and Helpers	---	---	1	2	---	3	14	10	11	2	11	48
Total.....	1	2	3	2	---	8	26	19	30	6	23	104
FREIGHT SERVICE:												
Engineers and Motormen	---	1	---	---	---	1	8	6	6	1	9	30
Firemen and Helpers	---	---	---	---	---	---	---	---	---	---	---	---
Conductors and Foremen	---	2	4	---	---	6	17	17	31	6	25	96
Brakemen and Helpers	---	1	3	---	---	4	8	9	12	3	8	40
Total.....	---	4	7	---	---	11	33	32	49	10	42	166
PASSENGER SERVICE:												
Engineers and Motormen	---	---	---	---	---	---	1	2	2	---	1	6
Firemen and Helpers	---	---	---	---	---	---	---	---	---	---	1	1
Conductors and Foremen	---	1	---	---	---	1	3	3	2	5	5	18
Baggagemen	---	---	---	---	---	---	---	---	---	---	---	---
Brakemen and Helpers	---	---	---	---	---	---	1	1	---	---	1	3
Total.....	---	1	---	---	---	1	5	6	4	5	8	28
HOSTLERS	---	---	---	---	---	---	---	1	---	---	---	1
-- SUMMARY --												
Total employees on duty	4	31	13	2	---	50	189	258	235	79	164	925
Employees not on duty	---	---	---	---	---	---	9	1	14	---	8	32
Passengers	---	---	1	---	---	1	13	8	29	2	14	66
Nontrespassers	4	3	6	1	---	14	76	19	115	10	142	362
Trespassers	18	4	82	13	---	117	26	2	60	3	59	150
Grand total	26	38	102	16	---	182	313	288	453	94	387	1,535

TABLE 50. NATURE OF INJURIES BY PERSON, CONT., 1994

Type Person	Other Injuries.....								Total Injured	
	Bruise	Sprain/ Strain	Cut	Elec. Burn	Other Burns	Disloc- Cation	Object In Eye	Other		
EMPLOYEES ON DUTY										
YARD SERVICE:										
Engineers and Motormen	50	169	17	2	---	2	23	15	278	297
Firemen and Helpers	1	2	---	---	---	---	---	1	4	4
Conductors and Foremen	127	308	39	---	3	5	19	45	546	588
Brakemen and Helpers	129	473	56	---	7	10	32	42	749	800
Total.....	307	952	112	2	10	17	74	103	1,577	1,689
FREIGHT SERVICE:										
Engineers and Motormen	117	339	43	3	4	9	23	77	615	646
Firemen and Helpers	3	5	1	---	1	---	---	1	11	11
Conductors and Foremen	193	690	76	---	4	16	31	83	1,093	1,195
Brakemen and Helpers	89	356	35	---	3	8	17	33	541	585
Total.....	402	1,390	155	3	12	33	71	194	2,260	2,437
PASSENGER SERVICE:										
Engineers and Motormen	40	69	11	1	---	1	20	25	167	173
Firemen and Helpers	---	---	---	---	---	1	1	---	2	3
Conductors and Foremen	101	250	34	2	---	5	22	30	444	463
Baggagemen	3	2	---	---	---	---	---	---	5	5
Brakemen and Helpers	7	36	5	---	---	---	5	4	57	60
Total.....	151	357	50	3	---	7	48	59	675	704
HOSTLERS	6	27	---	---	---	---	---	---	33	34
--SUMMARY--										
Total employees on duty	2,107	6,428	1,412	70	145	148	501	1,009	11,820	12,795
Employees not on duty	81	115	35	---	---	2	6	34	273	305
Passengers	137	142	83	1	1	7	1	58	430	497
Nontrespassers	445	299	458	4	6	18	8	551	1,789	2,165
Trespassers	114	51	154	5	2	8	1	162	497	764
Grand total	2,884	7,035	2,142	80	154	183	517	1,814	14,809	16,526

TABLE 51. EMPLOYEE ON DUTY CASUALTIES BY TYPE OF CASUALTY, 1994

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 Work	Days Of Restriction	
INJURIES							
Bruise - Contusion							
Arm or Hand	573	387	311	76	10,730	1,408	186
Leg or Foot	660	550	497	53	18,797	2,541	110
Head or Face	203	155	149	6	7,173	244	48
Torso	578	492	446	46	29,387	2,303	86
Other Parts	93	81	80	1	4,145	22	12
Subtotal	2,107	1,665	1,483	182	70,232	6,518	442
Sprain - Strain							
Arm or Hand	655	527	410	117	19,413	4,898	128
Leg or Foot	1,532	1,356	1,205	151	67,476	6,776	176
Head or Face	378	318	291	27	20,252	1,996	60
Torso	3,714	3,211	2,866	345	191,197	18,630	503
Other Parts	149	134	124	10	6,180	295	15
Subtotal	6,428	5,546	4,896	650	304,518	32,595	882
Cut or Laceration							
Arm or Hand	706	319	224	95	4,833	2,186	387
Leg or Foot	200	124	104	20	3,069	421	76
Head or Face	469	182	165	17	5,949	1,129	287
Torso	23	17	16	1	1,591	101	6
Other Parts	14	11	11	0	551	0	3
Subtotal	1,412	653	520	133	15,993	3,837	759
Puncture	221	89	78	11	1,820	306	132
Electric Shock or Burn	70	54	52	2	2,014	147	16
Other Burn	145	86	72	14	1,362	271	59
Dislocation	148	132	115	17	9,151	1,883	16
Fracture							
Arm or Hand	447	345	258	87	18,088	4,985	102
Leg or Foot	314	295	270	25	21,770	2,484	19
Head or Face	32	25	24	1	2,589	47	7
Torso	127	115	108	7	8,959	571	12
Other Parts	5	5	5	0	374	55	0
Subtotal	925	785	665	120	51,780	8,142	140
Dental	49	17	15	2	150	26	32
Amputation							
Arm or Hand	35	32	28	4	1,285	349	3
Leg or Foot	15	15	15	0	3,778	0	0
Other Parts	0	0	0	0	0	0	0
Subtotal	50	47	43	4	5,063	349	3
Foreign Object in Eye	501	195	170	25	1,040	237	306
Hernia	111	104	100	4	6,416	411	7
Concussion	40	36	36	0	1,699	312	4
Nervous Shock (Injury Related)	9	6	5	1	477	2	3
Internal Injury	28	26	25	1	1,998	228	2
Loss of Eye	1	0	0	0	0	0	1
Reaction 1 Time Exposure (Chem)	49	20	19	1	76	3	29
One Time Exposure to Noise	24	18	16	2	970	24	6
One Time Exposure to Fumes	122	97	95	2	1,142	23	25
Other -Not Elsewhere Classified	355	214	190	24	9,538	1,111	141
Total Nonfatal Injuries	12,795	9,790	8,595	1,195	485,439	56,425	3,005
ILLNESSES							
Occu. Skin Diseases or Disorders	55	24	23	1	91	103	31
Dust Diseases of the Lungs	1	1	1	0	10	0	0
Respiratory-Due to Toxic Agents	22	20	20	0	662	1	2
Poison-Systemic Effect of Toxin	5	3	3	0	267	0	2
Disorders Due to Physical Agents	44	30	29	1	609	103	14
Disorders Due to Repeated Trauma	127	80	64	16	4,772	657	47
Other Occupational Illnesses	31	26	23	3	554	54	5
Total Nonfatal Illnesses	285	184	163	21	6,965	918	101

***Fatal INJURIES > 31

***Fatal ILLNESSES > 0

***TOTAL FATALITIES > 31

TABLE 52. EMPLOYEE ON DUTY CASUALTIES BY JOB CATEGORY, 1994

	Killed	Injured	Illness	Total
EXECUTIVES, OFFICIALS, AND STAFF ASSISTANTS				
Executives, officials, and staff assistants (miscellaneous).....	---	2	---	2
Executives and general officers.....	---	3	---	3
Corporate staff managers.....	---	6	1	7
Regional and division officers, assistants and staff assistants....	---	16	---	16
Transportation officers/managers.....	---	16	---	16
Subtotal.....	---	43	1	44
PROFESSIONAL AND ADMINISTRATIVE				
Professional and administrative (miscellaneous).....	---	6	---	6
Professional.....	---	18	2	20
Subprofessionals.....	---	14	2	16
Auditors, traveling auditors or accountants.....	---	7	---	7
General and administrative supervisors.....	---	13	---	13
Sales and traffic representatives and agents.....	---	31	---	31
Freight and other claim agents and investigators.....	---	7	---	7
Supervising and chief claim agents.....	---	1	---	1
Lieutenants and sergeants of police.....	---	31	1	32
Police officers, watchmen and guards (except crossing & bridge)....	---	149	4	153
Inspectors, (except MDW & MDE), other investigators, examiners, etc	1	5	---	6
Buyers, and sales agents.....	---	9	---	9
Clerical technicians and clerical specialists.....	---	68	10	78
Office machine and data equipment operators.....	---	19	2	21
Secretaries, stenographers, and typists.....	---	14	4	18
General and other clerks (except yard clerk and crew dispatcher)...	---	181	5	186
Telephone and switchboard operators.....	---	1	---	1
Building and office attendants.....	---	77	3	80
Messengers and office persons.....	---	4	---	4
Motor vehicle operators.....	1	54	2	57
Subtotal.....	2	709	35	746
MAINTENANCE OF WAY AND STRUCTURES				
Maintenance of way and structures (miscellaneous).....	---	16	---	16
Supervisors, maintenance of way, structures, communication & signals	---	75	---	75
Maintenance of way, structures, comm. & signals, & scale inspectors	---	70	1	71
Bridge and building gang foreman.....	---	66	3	69
Bridge and building carpenters.....	---	132	4	136
Bridge and building ironworkers.....	---	42	3	45
Bridge and building painters.....	---	3	---	3
Masons, bricklayers, plasterers, and plumbers.....	---	125	1	126
Bridge and building helpers and apprentices.....	---	62	3	65
Bridge and building gang and bridge and building dept laborers.....	1	54	1	56
Track gang foremen (extra gang work train laborers).....	---	110	2	112
Gang or section foreman.....	---	250	6	256
Extra gang laborers.....	2	451	13	466
Section laborers.....	---	897	30	927
Machine operators.....	---	575	13	588
Gang foremen, communications and signals.....	---	35	1	36
Signalmen and signal maintainers.....	3	343	10	356
Linemen and groundmen and communications craftsman.....	---	110	3	113
Assistant signalmen and assistant signal maintainers.....	---	40	2	42
Signal helpers and signal maintainer helpers.....	---	18	---	18
Camp car cooks.....	---	11	---	11
Subtotal.....	6	3,485	96	3,587
MAINTENANCE OF EQUIPMENT AND STORES				
Maintenance of equipment and stores (miscellaneous).....	---	9	---	9
Supervisors and general foremen, maintenance of equipment.....	1	55	1	57
Supervisors and general foremen, materials and stores.....	---	10	---	10
Equipment, shop, electrical inspectors.....	---	20	---	20
Materials and supplies inspectors.....	---	2	1	3
Storekeeper.....	---	43	1	44
Gang foremen, maintenance of equipment.....	---	63	---	63
Blacksmiths.....	---	11	---	11
Boilermakers.....	---	52	4	56
Carmen (freight).....	---	829	14	843
Carmen (other).....	1	287	1	289

TABLE 52. EMPLOYEE ON DUTY CASUALTIES BY JOB CATEGORY, CONT., 1994

	Killed	Injured	Illness	Total
MAINTENANCE OF EQUIPMENT AND STORES (cont.)				
Electrical workers (A).....	---	383	9	392
Electrical workers (B).....	---	11	---	11
Electrical workers (C).....	---	6	1	7
Machinists.....	---	554	13	567
Sheet metal workers.....	---	110	9	119
Skilled trades, helpers, maintenance of equipment and stores.....	---	103	1	104
Apprentices, maintenance of equipment and stores.....	---	18	---	18
Coach cleaners.....	---	177	---	177
Laborers: shops, enginehouses and power plants.....	---	233	6	239
Gang foremen, materials and stores.....	---	5	---	5
Equipment operators and general laborers, materials and stores.....	---	60	1	61
Stationary engineers.....	---	1	---	1
Stationary firemen.....	---	3	---	3
Subtotal.....	2	3,045	62	3,109
TRANSPORTATION, OTHER THAN TRAIN AND ENGINE				
Transportation, other than train and engine (miscellaneous).....	---	3	---	3
Transportation supervisor and chief train dispatcher.....	---	7	---	7
Train dispatchers.....	---	7	2	9
Station, freight and passenger agents.....	---	55	1	56
Clerk operators, towerman, train directors.....	---	27	---	27
Station masters & assts, supervising bag. agents, bag. agents, etc.	---	4	---	4
Baggage, parcel room and station attendants.....	---	66	1	67
General & asst gnrl foremen, stations, warehouses, grain elev., docks.	---	1	---	1
Gang foremen, stations, warehouses, grain elevators and docks.....	---	1	---	1
Grain elevator, and dock laborers.....	---	10	---	10
Station, and warehouse laborers.....	---	50	1	51
Truckers (station, warehouse and platforms).....	---	7	---	7
Food and lodging manager, supervisors.....	---	11	---	11
Transportation and dining-service inspectors.....	---	2	---	2
Waiters and kitchen helpers (restaurant and dining car).....	---	12	---	12
Chefs and cooks (restaurant and dining car).....	---	56	1	57
Train attendants.....	---	184	1	185
Bridge operators and helpers.....	---	9	---	9
Bridge and crossing flagmen and gatemen.....	---	1	---	1
Yards clerks.....	---	32	2	34
Crew dispatchers.....	---	14	---	14
Yardmasters and assistant yardmasters.....	---	30	1	31
Subtotal.....	---	589	10	599
TRANSPORTATION, TRAIN AND ENGINE				
Transportation, train and engine (miscellaneous).....	---	12	---	12
Switchtenders.....	---	35	---	35
Car retarder operators and ground service employees.....	---	3	---	3
Outside hostlers.....	---	25	---	25
Outside hostler helpers.....	---	9	---	9
Inside hostler.....	---	10	---	10
Road passenger conductors.....	---	379	7	386
Assistant road passenger conductors and ticket collectors.....	---	84	2	86
Road freight conductors (through freight).....	3	736	11	750
Road freight conductors (local and way freight).....	2	459	6	467
Road passenger baggageperson.....	---	5	---	5
Road Passenger brakemen and flagmen.....	---	60	---	60
Road freight brakemen and flagmen (through freight).....	2	198	---	200
Road freight brakemen and flagmen (local and way freight).....	5	387	5	397
Yard conductors and yard foremen.....	2	588	8	598
Yard brakemen and yard helpers.....	2	800	9	811
Road passenger engineers and motormen.....	1	173	16	190
Road freight engineers (through freight).....	4	416	9	429
Road freight engineers (local and way freight).....	---	230	4	234
Yard engineers.....	---	297	4	301
Road passenger firemen and helpers.....	---	3	---	3
Road freight firemen and helpers (through freight).....	---	10	---	10
Road freight firemen and helpers (local and way freight).....	---	1	---	1
Yard firemen and helpers.....	---	4	---	4
Subtotal.....	21	4,924	81	5,026
Total.....	31	12,795	285	13,111

TABLE 53. EMPLOYEE FATALITIES BY JOB GROUPS, 1994

Type accident/incident	I*	II	III	IV	V	VI	Total
TRAIN ACCIDENTS							
Collisions	---	---	---	---	---	8	8
Derailments	---	---	---	---	---	---	---
Highway-rail x-ing	---	---	---	---	---	1	1
Miscellaneous	---	---	---	---	---	---	---
Total.....	---	---	---	---	---	9	9
TRAIN INCIDENTS							
Coupling and uncoupling locomotives or cars.....	---	---	---	---	---	4	4
Coupling/uncoupling air/steam hose, safety chains.	---	---	---	---	---	---	---
Operating or on locomotives.....	---	---	---	---	---	1	1
Operating rail motorcars.....	---	---	---	---	---	---	---
Operating hand brakes.....	---	---	---	---	---	1	1
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)	---	---	1	---	---	3	4
Highway-rail crossing accidents/incidents.....	---	---	---	---	---	---	---
Struck by/ran into loco/car(not at hwy-rr x-ing).	---	---	2	---	---	1	3
Servicing or maintenance of equipment.....	---	---	---	1	---	---	1
Maintenance of way and structures.....	---	---	1	---	---	---	1
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....	---	---	---	---	---	---	---
Operation of on-track work equipment.....	---	---	---	---	---	---	---
Assault.....	---	---	---	---	---	---	---
Other occurrences.....	---	---	---	---	---	---	---
Total.....	---	---	4	1	---	12	17
NONTRAIN INCIDENTS							
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)	---	---	---	---	---	---	---
Highway-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.....	---	---	1	---	---	---	1
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.....	---	---	---	---	---	---	---
Assault.....	---	---	---	---	---	---	---
Other occurrences.....	---	2	1	1	---	---	4
Total.....	---	2	2	1	---	---	5
Grand total.....	---	2	6	2	---	21	31

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, 1994

Type accident/incident	I*	II	III	IV	V	VI	Total
TRAIN ACCIDENTS							
Collisions	---	---	1	3	3	76	83
Derailments	---	1	1	1	4	38	45
Highway-rail x-ing	---	---	2	---	3	46	51
Miscellaneous	---	1	2	3	---	9	15
Total.....	---	2	6	7	10	169	194
TRAIN INCIDENTS							
Coupling and uncoupling locomotives or cars.....	1	---	---	5	---	126	132
Coupling/uncoupling air/steam hose, safety chains.	---	---	---	1	---	13	14
Operating or on locomotives.....	---	---	1	3	15	360	379
Operating rail motorcars.....	---	1	9	---	---	6	16
Operating hand brakes.....	---	---	---	1	---	39	40
Operating switches or derails.....	---	---	---	---	---	7	7
Contacting fixed objects while on locos or cars..	---	---	---	2	2	41	45
Getting on or off cars or locomotives.....	---	---	3	1	8	243	255
Collisions, derailments, etc. (below \$ threshold)	---	---	11	3	3	47	64
Highway-rail crossing accidents/incidents.....	---	1	5	---	---	61	67
Struck by/ran into loco/car(not at hwy-rr x-ing).	---	2	4	4	1	19	30
Servicing or maintenance of equipment.....	---	---	6	30	---	4	40
Maintenance of way and structures.....	1	---	66	3	---	1	71
Freight, baggage, express or mail.....	---	---	1	---	7	2	10
Windows, doors, etc., on on-track equipment.....	---	---	1	2	14	44	61
Passenger car doors.....	---	---	---	---	2	---	2
Stumbling, slipping, falling, caught, N. O. C.....	---	1	3	6	15	53	78
Flying or falling objects, burns, etc., N. O. C....	---	1	2	1	14	59	77
Operation of on-track work equipment.....	---	---	19	---	1	3	23
Assault.....	---	1	2	1	1	40	45
Other occurrences.....	---	---	3	12	44	85	144
Total.....	2	7	136	75	127	1, 253	1, 600
NONTRAIN INCIDENTS							
Coupling and uncoupling locomotives or cars.....	---	---	1	15	1	310	327
Coupling/uncoupling air/steam hose, safety chains.	---	---	2	21	3	171	197
Operating or on locomotives.....	---	---	---	34	1	312	347
Operating rail motorcars.....	---	1	16	1	1	16	35
Operating hand brakes.....	---	---	1	11	1	217	230
Operating switches or derails.....	---	---	27	32	5	572	636
Contacting fixed objects while on locos or cars..	---	---	2	4	1	7	14
Getting on or off cars or locomotives.....	2	6	9	99	18	512	646
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	---	1	3	5
Servicing or maintenance of equipment.....	3	40	148	2, 054	24	51	2, 320
Maintenance of way and structures.....	3	62	2, 595	223	15	18	2, 916
Freight, baggage, express or mail.....	---	6	1	7	77	20	111
Windows, doors, etc., on on-track equipment.....	1	6	21	63	14	132	237
Passenger car doors.....	---	---	---	1	---	3	4
Stumbling, slipping, falling, caught, N. O. C.....	12	135	210	220	121	657	1, 355
Flying or falling objects, burns, etc., N. O. C....	1	34	12	27	37	97	208
Operation of on-track work equipment.....	---	2	43	13	---	2	60
Assault.....	---	61	4	10	9	34	118
Other occurrences.....	19	347	250	128	123	367	1, 234
Total.....	41	700	3, 343	2, 963	452	3, 502	11, 001
Grand total.....	43	709	3, 485	3, 045	589	4, 924	12, 795

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, 1994

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	
TRAIN ACCIDENTS							
Collisions	83	73	73	---	6,209	295	10
Derailments	45	36	36	---	3,401	136	9
Highway-rail x-ing	51	44	44	---	3,907	116	7
Miscellaneous	15	13	13	---	437	---	2
Total.....	194	166	166	---	13,954	547	28
TRAIN INCIDENTS							
Coupling and uncoupling locomotives or cars.....	132	118	104	14	6,527	633	14
Coupling/uncoupling air/steam hose, safety chains.	14	10	10	---	1,203	---	4
Operating or on locomotives.....	379	285	266	19	16,776	728	94
Operating rail motorcars.....	16	14	13	1	689	50	2
Operating hand brakes.....	40	39	33	6	1,856	361	1
Operating switches or derails.....	7	7	6	1	756	2	---
Contacting fixed objects while on locos or cars..	45	42	37	5	2,915	413	3
Getting on or off cars or locomotives.....	255	226	206	20	10,962	1,300	29
Collisions, derailments, etc. (below \$ threshold)	64	55	52	3	5,301	1,152	9
Highway-rail crossing accidents/incidents.....	67	55	50	5	6,030	209	12
Struck by/ran into loco/car(not at hwy-rr x-ing).	30	26	23	3	3,148	288	4
Servicing or maintenance of equipment.....	40	32	27	5	2,177	120	8
Maintenance of way and structures.....	71	57	52	5	2,929	387	14
Freight, baggage, express or mail.....	10	8	7	1	73	38	2
Windows, doors, etc., on on-track equipment.....	61	50	46	4	1,766	56	11
Passenger car doors.....	2	1	1	---	16	---	1
Stumbling, slipping, falling, caught, N.O.C.....	78	60	58	2	4,880	227	18
Flying or falling objects, burns, etc., N.O.C....	77	49	48	1	1,252	12	28
Operation of on-track work equipment.....	23	19	18	1	958	5	4
Assault.....	45	32	31	1	1,363	28	13
Other occurrences.....	144	122	112	10	7,466	702	22
Total.....	1,600	1,307	1,200	107	79,043	6,711	293
NONTRAIN INCIDENTS							
Coupling and uncoupling locomotives or cars.....	327	276	245	31	15,494	2,102	51
Coupling/uncoupling air/steam hose, safety chains.	197	155	138	17	8,573	616	42
Operating or on locomotives.....	347	279	254	25	17,209	1,298	68
Operating rail motorcars.....	35	26	21	5	1,174	209	9
Operating hand brakes.....	230	208	186	22	14,209	1,258	22
Operating switches or derails.....	636	574	528	46	37,604	2,791	62
Contacting fixed objects while on locos or cars..	14	8	8	---	530	---	6
Getting on or off cars or locomotives.....	646	553	508	45	32,413	2,693	93
Collisions, derailments, etc. (below \$ threshold)	---	---	---	---	---	---	---
Highway-rail crossing accidents/incidents.....	1	1	1	---	37	8	---
Struck by/ran into loco/car(not at hwy-rr x-ing).	5	4	4	---	185	---	1
Servicing or maintenance of equipment.....	2,320	1,651	1,365	286	67,127	11,589	669
Maintenance of way and structures.....	2,916	2,015	1,628	387	80,492	14,674	901
Freight, baggage, express or mail.....	111	80	79	1	1,725	52	31
Windows, doors, etc., on on-track equipment.....	237	186	164	22	6,573	914	51
Passenger car doors.....	4	4	4	---	78	---	---
Stumbling, slipping, falling, caught, N.O.C.....	1,355	1,161	1,063	98	64,548	5,739	194
Flying or falling objects, burns, etc., N.O.C....	208	122	116	6	2,107	151	86
Operation of on-track work equipment.....	60	47	31	16	1,856	408	13
Assault.....	118	108	103	5	2,639	237	10
Other occurrences.....	1,234	859	783	76	37,869	4,428	375
Total.....	11,001	8,317	7,229	1,088	392,442	49,167	2,684
Grand total.....	12,795	9,790	8,595	1,195	485,439	56,425	3,005

TABLE 56. EMPLOYEE ILLNESSES BY JOB GROUPS, 1994

Type accident/incident	I*	II	III	IV	V	VI	Total
TRAIN ACCIDENTS							
Collisions	---	---	---	---	---	---	---
Derailments	---	---	---	---	---	1	1
Highway-rail x-ing	---	---	---	---	---	1	1
Miscellaneous	---	---	---	---	---	---	---
Total.....	---	---	---	---	---	2	2
TRAIN INCIDENTS							
Coupling and uncoupling locomotives or cars.....	---	---	---	---	---	2	2
Coupling/uncoupling air/steam hose, safety chains.	---	---	---	---	---	---	---
Operating or on locomotives.....	---	---	---	---	---	10	10
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)	---	---	1	---	---	1	2
Highway-rail crossing accidents/incidents.....	---	---	---	---	---	6	6
Struck by/ran into loco/car(not at hwy-rr x-ing).	---	1	---	---	---	7	8
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.....	---	---	---	---	---	---	---
Assault.....	---	---	---	---	---	1	1
Other occurrences.....	---	---	---	---	---	1	1
Total.....	---	1	3	---	---	28	32
NONTRAIN INCIDENTS							
Coupling and uncoupling locomotives or cars.....	---	---	---	---	---	3	3
Coupling/uncoupling air/steam hose, safety chains.	---	---	---	---	---	4	4
Operating or on locomotives.....	---	---	---	---	---	11	11
Operating rail motorcars.....	---	---	---	---	---	---	---
Operating hand brakes.....	---	---	---	---	---	---	---
Operating switches or derails.....	---	---	---	---	---	5	5
Contacting fixed objects while on locos or cars..	---	---	---	---	---	---	---
Getting on or off cars or locomotives.....	---	---	---	---	---	2	2
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	1	50	---	---	52
Maintenance of way and structures.....	---	1	60	4	---	---	65
Freight, baggage, express or mail.....	---	---	---	---	1	---	1
Windows, doors, etc., on on-track equipment.....	---	---	---	1	---	2	3
Passenger car doors.....	---	---	---	---	---	---	---
Stumbling, slipping, falling, caught, N. O. C.....	---	---	---	---	1	---	1
Flying or falling objects, burns, etc., N. O. C....	---	---	1	---	2	7	10
Operation of on-track work equipment.....	---	---	1	---	---	---	1
Assault.....	---	3	---	---	---	---	3
Other occurrences.....	1	29	30	7	6	17	90
Total.....	1	34	93	62	10	51	251
Grand total.....	1	35	96	62	10	81	285

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, 1994

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	
CLASS I RAILROADS							
Amtrak (Nat'l Railroad Passenger Corp.)	2	0	0	2	1	26	31
Atchison, Topeka & Santa Fe Railway	0	0	0	0	0	0	0
Burlington Northern Railroad Co.	0	0	0	0	0	1	1
Chicago and North Western Railway Co.	1	0	0	0	1	0	2
Consolidated Rail Corp.	3	0	1	0	2	8	14
CSX Transportation	2	0	0	0	2	1	5
Denver & Rio Grande Western Railroad	0	0	0	0	0	0	0
Grand Trunk Western Railroad Inc.	0	0	0	0	1	0	1
Illinois Central Railroad Co.	0	0	0	0	0	0	0
Kansas City Southern Railway Co.	0	0	0	0	1	1	2
Norfolk Southern Corp.	4	0	0	0	2	0	6
Soo Line Railroad Co.	0	0	0	1	0	0	1
Southern Pacific Transportation Co.	5	0	0	0	0	3	8
St. Louis Southwestern Railway Co.	1	0	0	0	0	1	2
Union Pacific Railroad Co.	4	0	0	1	2	4	11
Total Class I Railroads.....	22	0	1	4	12	45	84
GROUP II RAILROADS **							
Alton & Southern Railroad	0	0	0	0	0	0	0
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	1	0	1
Birmingham Southern Railroad Co.	0	0	0	0	0	0	0
Chicago, Central & Pacific Railroad	0	0	0	0	0	0	0
Cuyahoga Valley Railway Co.	0	0	0	0	0	0	0
Delaware & Hudson Railway Co.	1	0	0	0	0	0	1
Dakota, Minnesota & Eastern Railroad	0	0	0	0	0	0	0
Duluth, Missabe & Iron Range 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.	0	0	0	0	0	0	0
Fox Valley & Western Ltd.	0	0	0	0	0	0	0
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	19	19
Metro North Commuter Railroad Co.	0	0	0	0	4	39	43
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	0	3	3
New Jersey Transit Rail Operations	0	0	0	0	2	2	4
Paducah & Louisville Railway Co.	0	0	0	0	0	0	0
Port Authority Trans Hudson	0	0	0	0	0	2	2
Port Terminal Railroad Assoc.	0	0	0	0	0	0	0
Southeastern Pennsylvania Trans.	0	0	1	0	1	2	4
Southern Pacific, Chicago-St. Louis	0	0	0	0	0	0	0
Springfield Terminal Railway Co.	1	0	0	0	0	0	1
Texas Mexican Railway Co.	0	0	0	0	0	1	1
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	1	0	8	68	79
RECAPITULATION (INCLUDES CLASS I, GROUP II, AND OTHER RAILROADS)							
Class I Railroads	22	0	1	4	12	45	84
Group II Railroads **	2	0	1	0	8	68	79
All Other Railroads	0	0	0	0	0	0	0
Total All Railroads	24	0	2	4	20	113	163

** 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, 1994

Cause	Total Killed	... Employees On Duty... Trainmen	Other	Total	Emp Not On Duty	Passengers	Nontrespassers	Trespassers
HIGHWAY-RAIL GRADE CROSSING ACCIDENTS								
M302 Highway user inattentiveness	12	---	---	---	---	---	7	5
M303 Hwy user misjudgement	13	---	---	---	---	---	7	6
M304 Highway user cited for violation	2	---	---	---	---	---	---	2
M399 Other causes (highway-rail collisions)	5	---	---	---	---	---	3	2
SUBTOTAL	32	---	---	---	---	---	17	15
OTHER MISCELLANEOUS								
M505 Cause under investigation	3	3	---	3	---	---	---	---
M599 Other miscellaneous causes	1	1	---	1	---	---	---	---
SUBTOTAL	4	4	---	4	---	---	---	---
GRAND TOTAL	36	4	---	4	---	---	17	15

TABLE 59. INJURIES IN ACCIDENTS RESULTING FROM MISCELLANEOUS CAUSES BY CAUSE, 1994

Cause	Total Injured	... Employees On Duty... Trainmen	Other	Total	Emp Not On Duty	Passengers	Nontrespassers	Trespassers
ENVIRONMENTAL CONDITIONS								
M101 Snow, ice, mud, gravel, coal, etc. on trk	2	2	---	2	---	---	---	---
M103 Extreme environmental - FLOOD	2	2	---	2	---	---	---	---
M199 Other extreme environmental conditions	2	2	---	2	---	---	---	---
SUBTOTAL	6	6	---	6	---	---	---	---
HIGHWAY-RAIL GRADE CROSSING ACCIDENTS								
M302 Highway user inattentiveness	125	21	---	21	---	75	23	6
M303 Hwy user misjudgement	22	5	---	5	---	6	8	3
M304 Highway user cited for violation	21	6	2	8	---	1	5	7
M399 Other causes (highway-rail collisions)	26	14	---	14	---	---	8	4
SUBTOTAL	194	46	2	48	---	82	44	20
UNUSUAL OPERATIONAL SITUATIONS								
M404 Obj/equip on/fouling track, other	7	6	1	7	---	---	---	---
M406 Fire, other than vandalism	1	---	1	1	---	---	---	---
M408 Yard skate slid and failed to stop car	1	1	---	1	---	---	---	---
SUBTOTAL	9	7	2	9	---	---	---	---
OTHER MISCELLANEOUS								
M503 Vandalism of track or track appliances	8	2	2	4	---	4	---	---
M504 Fail by non-rr emp to control spd of ca	1	1	---	1	---	---	---	---
M505 Cause under investigation	88	9	7	16	26	46	---	---
M599 Other miscellaneous causes	6	4	2	6	---	---	---	---
SUBTOTAL	103	16	11	27	26	50	---	---
GRAND TOTAL	312	75	15	90	26	132	44	20

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, 1994**

Cause	Total Killed	... Employees On Duty... Trainmen Other	Emp Not On Duty	Passen- gers	Nontres- passers	Tres- passers
MAIN TRACK AUTHORITY						
H404 Fail to comply with trn order, etc.	1	1	---	1	---	---
SUBTOTAL.....	1	1	---	1	---	---
MISCELLANEOUS						
H999 Other train operation/human factors	4	4	---	4	---	---
SUBTOTAL.....	4	4	---	4	---	---
GRAND TOTAL.....	5	5	---	5	---	---

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, 1994**

Cause	Total Injured	... Employees On Duty... Trainmen	Other	Total	Emp Not On Duty	Passengers	Nontrespassers	Trespassers
BRAKES, USE OF								
H008 Bottling the Air	1	1	---	1	---	---	---	---
H018 Fail to secure car hnd brk -rr emp	5	5	---	5	---	---	---	---
H020 Fail to apply suff. hand brakes -rr em	1	1	---	1	---	---	---	---
H022 Fail to secure equip - not rr emp	1	1	---	1	---	---	---	---
H025 Fail to ctrl car spd use hnd brk-r emp	1	---	1	1	---	---	---	---
H099 Use of brakes, other	1	---	1	1	---	---	---	---
SUBTOTAL	10	8	2	10	---	---	---	---
EMPLOYEE PHYSICAL CONDITION								
H104 Employee asleep	2	2	---	2	---	---	---	---
SUBTOTAL	2	2	---	2	---	---	---	---
FLAGGING, FIXED, HAND AND RADIO SIGNALS								
H204 Fixed signal, failure to comply	3	3	---	3	---	---	---	---
H206 Flagging signal, failure to comply	4	4	---	4	---	---	---	---
H210 Radio communication, failure to comply	1	1	---	1	---	---	---	---
H215 Block signal, failure to comply	3	3	---	3	---	---	---	---
H216 Interlocking signal, failure to comply	1	---	---	---	---	1	---	---
H299 Other signal causes	2	2	---	2	---	---	---	---
SUBTOTAL	14	13	---	13	---	1	---	---
GENERAL SWITCHING RULES								
H305 Instruction to trn/yd crew improper	1	1	---	1	---	---	---	---
H306 Shoving movement, absence of man	1	1	---	1	---	---	---	---
H307 Shoving movement, failure to control	3	3	---	3	---	---	---	---
H313 Retarder, improper manual operation	2	2	---	2	---	---	---	---
H399 Other general switching rules	4	4	---	4	---	---	---	---
SUBTOTAL	11	11	---	11	---	---	---	---
MAIN TRACK AUTHORITY								
H401 Failure to stop train in clear	2	---	2	2	---	---	---	---
H402 Motor car/on-trk rules, fail to comply	1	---	---	---	---	---	1	---
H403 Movement without authority - rr emp	2	2	---	2	---	---	---	---
H404 Fail to comply with trn order, etc.	4	3	1	4	---	---	---	---
H499 Other main track authority causes	16	12	---	12	---	4	---	---
SUBTOTAL	25	17	3	20	---	4	1	---
TRAIN HANDLING/TRAIN MAKE-UP								
H503 Buff/slack action excess, trn handling	2	2	---	2	---	---	---	---
H516 Fail to cut-in brake valves-loco	2	2	---	2	---	---	---	---
H599 Other train handling/makeup	2	2	---	2	---	---	---	---
SUBTOTAL	6	6	---	6	---	---	---	---
SPEED								
H603 Train inside yard limits, excess speed	3	2	1	3	---	---	---	---
H605 Failure to comply with restricted spee	14	13	1	14	---	---	---	---
H699 Speed, other	2	2	---	2	---	---	---	---
SUBTOTAL	19	17	2	19	---	---	---	---
SWITCHES, USE OF								
H702 Switch improperly lined	7	7	---	7	---	---	---	---
SUBTOTAL	7	7	---	7	---	---	---	---
GRAND TOTAL	94	81	7	88	---	5	1	---

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, 1994

Cause	Total Killed	... Employees On Duty... Trainmen Other	Emp Not On Duty	Passengers	Nontrespassers	Trespassers
BRAKES						
E0HC Hnd brk link and/or connect defect	1	---	---	---	1	---
SUBTOTAL	1	---	---	---	1	---
WHEELS						
E69C Other wheel defects (CAR)	2	---	---	2	---	---
SUBTOTAL	2	---	---	2	---	---
LOCOMOTIVES						
E79L Other locomotive defects	1	---	---	---	1	---
SUBTOTAL	1	---	---	---	1	---
GRAND TOTAL	4	---	---	2	2	---

TABLE 63. INJURIES IN ACCIDENTS RESULTING FROM MECHANICAL AND ELECTRICAL FAILURES BY CAUSE, 1994

Cause	Total Injured	... Employees On Duty... Trainmen Other	Emp Not On Duty	Passengers	Nontrespassers	Trespassers
BRAKES						
E0HC Hnd brk link and/or connect defect	4	---	---	---	4	---
E03C Obstructed brake pipe	3	3	---	---	---	---
E04C Oth brk component dmg, worn, broke, etc.	11	---	---	---	11	---
E05C Brk valve mal f. (undesired emergency)	1	---	---	1	---	---
SUBTOTAL	19	3	---	1	15	---
WHEELS						
E69C Other wheel defects (CAR)	14	---	---	14	---	---
SUBTOTAL	14	---	---	14	---	---
LOCOMOTIVES						
E74L Electrically caused fire (LOCOMOTIVE)	1	---	1	---	---	---
SUBTOTAL	1	---	1	---	---	---
GENERAL MECHANICAL AND ELECTRICAL FAILURES						
E99C Other mechanical/electrical failures	1	---	1	---	---	---
SUBTOTAL	1	---	1	---	---	---
GRAND TOTAL	35	3	2	5	15	---

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, 1994

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, 1994

Cause	Total Injured	... Employees On Duty... Trainmen	Other	Total	Emp Not On Duty	Passengers	Nontrespassers	Trespassers	
ROADBED DEFECTS									
T002 Washout/rain/slide/etc. dmg -track	5	4	1	5	---	---	---	---	
SUBTOTAL.....	5	4	1	5	---	---	---	---	
TRACK GEOMETRY DEFECTS									
T102 Cross level track irreg. (not at joints	1	1	---	1	---	---	---	---	
SUBTOTAL.....	1	1	---	1	---	---	---	---	
RAIL AND JOINT BAR DEFECTS									
T201 Bolt hole crack or break	1	1	---	1	---	---	---	---	
T299 Other rail and joint bar defects	3	---	---	---	---	---	3	---	
SUBTOTAL.....	4	1	---	1	---	---	3	---	
FROGS, SWITCHES AND TRACK APPLIANCES									
T306 Retarder yard skate defective	2	2	---	2	---	---	---	---	
T319 Switch pt gap(btwn swt pt & stock rail	2	2	---	2	---	---	---	---	
SUBTOTAL.....	4	4	---	4	---	---	---	---	
OTHER WAY AND STRUCTURES									
T402 Flangeway clogged	2	2	---	2	---	---	---	---	
SUBTOTAL.....	2	2	---	2	---	---	---	---	
SIGNAL AND COMMUNICATION FAILURES									
S013 Other communication equipment failure	3	---	---	---	---	---	3	---	
SUBTOTAL.....	3	---	---	---	---	---	3	---	
GRAND TOTAL.....	19	12	1	13	---	---	6	---	

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, 1994**

Occurrence	Total Killed	... Employees On Duty... Trainmen Other	Emp Not On Duty	Passen- gers	Nontres- passers	Tres- passers
COUPLING AND UNCOUPLING LOCOMOTIVES OR CARS						
001T Adjusting coupler, equipment moving unexpectedly	1	1	---	---	---	---
002T Adjusting coupler - equipment moving	1	1	---	---	---	---
003T Crossing over, under or between on-track equipment, equipment moving	1	1	---	---	---	---
008T Stumbled, slipped, fell, etc. on foreign obj/irreg surface-eqp moving	1	1	---	---	---	---
SUBTOTAL.....	4	4	---	---	---	---
OPERATING OR ON LOCOMOTIVES						
119T Other accidents/incidents while operating locomotives - eqp moving	1	1	---	---	---	---
SUBTOTAL.....	1	1	---	---	---	---
OPERATING HAND BRAKES						
207T Losing hold, slipping, or falling - equipment moving	1	1	---	---	---	---
SUBTOTAL.....	1	1	---	---	---	---
CONTACTING FIXED OBJECTS WHILE ON LOCOMOTIVES OR CARS						
402T Persons on side/end of locos/cars contacting fixed objects - eqp mov	1	1	---	---	---	---
SUBTOTAL.....	1	1	---	---	---	---
GETTING ON OR OFF CARS OR LOCOMOTIVES						
501T Slip/fell due to lost/missed hold of grabiron, handhold, etc. -eqp mov	1	---	---	---	---	1
507T Falling, slipping, tripping, not elsewhere classified - eqp moving	2	---	---	---	1	1
513T Jumping from equipment - equipment moving	4	---	---	---	2	2
519T Other acc/inc while getting on or off cars or locos - equipment mov	3	---	---	---	---	3
SUBTOTAL.....	10	---	---	---	3	7
COLLISIONS, DERAILMENTS, ETC. (SDMG BELOW THRESHOLD)						
601T Casualty resulting fm a collision which did not satisfy \$ threshold	1	---	1	1	---	---
602T Casualty resulting fm a derailment which did not satisfy \$ threshold	3	3	---	3	---	---
603T Casualty resulting fm oth than Rail Equip A/I(not at hwy-rail X-ing)	9	---	---	---	---	9
SUBTOTAL.....	13	3	1	4	---	9
RAIL-HIGHWAY CROSSING ACCIDENTS/INCIDENTS						
609T Casualty at public hwy-rail X-ing (not rptd on form 6180-54)-eqp mov	540	---	---	---	---	404
610T Casualty at private hwy-rail X-ing (Not rptd on form 6180-54)-eqp mov	38	---	---	---	---	36
SUBTOTAL.....	578	---	---	---	---	440

**TABLE 66. FATALITIES IN TRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND
TYPE OF PERSON, CONT., 1994**

Occurrence	Total Killed	... Employees Trainmen	On Duty... Other	Emp Not On Duty	Passen- gers	Nontres- passers	Tres- passers
STRUCK BY OR RAN INTO LOCOMOTIVES OR CARS (NOT AT HWY-RAIL X-INGS)							
701T Standing, walking or running on or along track - equipment moving	230	1	---	1	---	13	216
702T Crossing track at private highway-rail crossing - equipment moving	9	---	---	---	---	---	9
703T Crossing track not at a crossing - equipment moving	37	---	---	---	---	3	34
704T While on public thoroughfare - equipment moving	5	---	---	---	---	---	5
705T On bridges or trestles - equipment moving	24	---	---	---	---	---	24
706T Sitting or lying on track or near track, not in clear - eqp moving	176	---	---	---	---	16	160
707T While working on or along track - equipment moving	2	---	2	2	---	---	---
708T Passing over, through, or under cars - equipment moving	9	---	---	---	---	---	9
709T Struck by or ran into loco/car (not at hwy x-ing), misc-eqp mov	28	---	---	---	---	4	24
SUBTOTAL.....	520	1	2	3	---	36	481
SERVICING OR MAINTENANCE OF EQUIPMENT							
803T Striking or being struck by eqp, structures, or material-eqp mov	1	---	1	1	---	---	---
SUBTOTAL.....	1	---	1	1	---	---	---
MAINTENANCE OF WAY AND STRUCTURES							
853T Striking or being struck by eqp, structures, or material-eqp mov	1	---	1	1	---	---	---
SUBTOTAL.....	1	---	1	1	---	---	---
STUMBLING, SLIPPING, FALLING, CAUGHT, NOT ELSEWHERE CLASSIFIED							
932T Stumbling/slipping, etc. on parts of track in place-equipment moving	1	---	---	---	---	---	1
938T While on locomotive or car-equipment moving	1	1	---	1	---	---	---
SUBTOTAL.....	2	1	---	1	---	---	1
ASSAULT							
96GT Other unprovoked assaults to persons on moving on-track equipment	1	---	---	---	---	---	1
SUBTOTAL.....	1	---	---	---	---	---	1
OTHER OCCURRENCES							
989T Other accidents/incidents-equipment moving	16	---	---	---	---	1	15
SUBTOTAL.....	16	---	---	---	---	1	15
GRAND TOTAL.....	1,149	12	5	17	---	3	652

NOTE: Contractor employees are included with nontrespassers.

TABLE 67. INJURIES IN TRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND TYPE OF PERSON, 1994

Occurrence	Total Injured	... Employees On Duty... Trainmen	Other	Emp Not On Duty	Passengers	Nontrespassers	Trespassers
COUPLING AND UNCOUPLING LOCOMOTIVES OR CARS							
001T Adjusting coupler, equipment moving unexpectedly	8	7	1	8	---	---	---
002T Adjusting coupler - equipment moving	7	6	1	7	---	---	---
004T Adjusting coupler, part of coupler fell striking person - eqp moving	2	---	2	2	---	---	---
005T Use of uncoupling lever - equipment moving	36	36	---	36	---	---	---
007T Striking parts of body against equipment - equipment moving	12	10	2	12	---	---	---
008T Stumbled, slipped, fell, etc. on foreign obj/irreg surface-eqp moving	31	31	---	31	---	---	---
009T Other acc/inc while coupl/uncoupling cars or locos - equip moving	36	36	---	36	---	---	---
SUBTOTAL.....	132	126	6	132	---	---	---
COUPLING/UNCOUPLING AIR OR STEAM HOSE, SAFETY CHAINS ETC.							
052T Uncoupl air hose, struck by hose due to sudden release of air-eqp mov	2	2	---	2	---	---	---
055T Defective equipment - equipment moving	4	4	---	4	---	---	---
057T Opening or closing angle cocks - equipment moving	4	3	1	4	---	---	---
059T Oth A/I while coupl/uncoupl air/steam hose or turn angl cock-eqp mov	4	4	---	4	---	---	---
SUBTOTAL.....	14	13	1	14	---	---	---
OPERATING OR ON LOCOMOTIVES							
101T Burn or electrical shock - equipment moving	6	5	1	6	---	---	---
102T Striking parts of body against equipment, moving about loco-eqp mov	24	24	---	24	---	---	---
103T Struck by tools or other objects falling - equipment moving	9	7	2	9	---	---	---
104T Stumbled, slipped, fell, stepped on foreign obj, etc., - eqp moving	12	11	1	12	---	---	---
105T Checking, oiling, servicing locomotive, etc. - equipment moving	1	---	---	---	---	1	---
106T Unexpected movement of locomotive, other than slack action	45	35	10	45	---	---	---
107T Slack action in locomotive	53	51	2	53	---	---	---
108T Striking parts of body against equipment due to sudden stop of loco	39	39	---	39	---	---	---
109T Inhalation of or contact with fumes or gases - equipment moving	39	37	2	39	---	---	---
110T Defective locomotive seat - equipment moving	14	13	---	13	1	---	---
111T Adjusting locomotive seat - equipment moving	3	2	1	3	---	---	---
112T Foreign object in eye - equipment moving	74	74	---	74	---	---	---
119T Other accidents/incidents while operating locomotives - eqp moving	63	62	---	62	1	---	---
SUBTOTAL.....	382	360	19	379	2	1	---
OPERATING RAIL MOTORCARS							
151T Striking parts of body against equipment - equipment moving	10	3	7	10	---	---	---
152T Struck by tools or other objects falling - equipment moving	1	1	---	1	---	---	---
159T Other accidents/incidents while operating rail motorcars - eqp mov	5	2	3	5	---	---	---
SUBTOTAL.....	16	6	10	16	---	---	---

TABLE 67. INJURIES IN TRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND TYPE OF PERSON, CONT., 1994

Occurrence	Total Injured	... Employees On Duty... Trainmen	Other	Total	Emp Not On Duty	Passengers	Nontrespassers	Trespassers
OPERATING HAND BRAKES								
200T Manipulating hand brakes, no defects, equipment moving	12	12	---	12	---	---	---	---
201T Defective equipment - equipment moving	3	3	---	3	---	---	---	---
203T Striking body due to movement of equipment	3	3	---	3	---	---	---	---
204T Losing hold, slipping or falling due to coupling impact	3	3	---	3	---	---	---	---
205T Caught between parts of equipment or lading - equipment moving	2	2	---	2	---	---	---	---
207T Losing hold, slipping, or falling - equipment moving	7	7	---	7	---	---	---	---
208T Caught hand or fingers in spinning brake wheel - equipment moving	2	2	---	2	---	---	---	---
209T Other accidents/incidents while operating hand brakes - eqp moving	8	7	1	8	---	---	---	---
SUBTOTAL.....	40	39	1	40	---	---	---	---
OPERATING SWITCHES OR DERAILS								
304T Struck by moving on-track equipment	2	2	---	2	---	---	---	---
309T Other acc/inc while operating switches/derails - equipment moving	5	5	---	5	---	---	---	---
SUBTOTAL.....	7	7	---	7	---	---	---	---
CONTACTING FIXED OBJECTS WHILE ON LOCOMOTIVES OR CARS								
401T Persons on top locos/cars contacting fixed objects - equipment mov	4	3	1	4	---	---	---	---
402T Persons on side/end of locos/cars contacting fixed objects - eqp mov	29	28	1	29	---	---	---	---
409T Persons on loco/car coming in contact with fixed obj (other)-eqp mov	16	10	2	12	---	4	---	---
SUBTOTAL.....	49	41	4	45	---	4	---	---

TABLE 67. INJURIES IN TRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND TYPE OF PERSON, CONT., 1994

Occurrence	Total	... Employees On Duty...		Emp Not On Duty	Passengers	Nontrespassers	Trespassers
	Injured	Trainmen	Other					Total
GETTING ON OR OFF CARS OR LOCOMOTIVES							
501T Slip/fell due to lost/missed hold of grabiron, handhold, etc. - eqp mov	26	20	1	21	---	---	5
502T Slip/fell due to losing/missing footing on step, stirrup, etc. - eqp mov	47	37	1	38	---	5	4
503T Stepping or tripping on parts of track in place - equipment moving	5	5	---	5	---	---	---
504T Stepping or tripping on foreign material or irreg surface - eqp mov	29	29	---	29	---	---	---
505T Slipping on ice or snow on ground - equipment moving	5	4	---	4	---	---	1
506T Slipping on ice/snow on cars or locomotives - equipment moving	4	4	---	4	---	---	---
507T Falling, slipping, tripping, not elsewhere classified - eqp moving	35	24	4	28	---	---	1
508T Slipping/falling while boarding/alighting fm passenger eqp (moving)	11	4	1	5	---	5	---
510T Striking body or falling due to sudden movement of equipment	18	15	---	15	---	3	---
511T Strike/struck by eqp/structures(not bridge/trestle), or mat -eqp mov	11	6	3	9	---	1	1
513T Jumping from equipment - equipment moving	62	32	1	33	---	18	2
514T Defective equipment - equipment moving	10	10	---	10	---	---	---
519T Other acc/inc while getting on or off cars or locos - equipment mov	65	53	1	54	---	3	2
SUBTOTAL.....	328	243	12	255	---	35	7
COLLISIONS, DERAILMENTS, ETC. (\$DMG BELOW THRESHOLD)							
601T Casualty resulting fm a collision which did not satisfy \$ threshold	29	18	6	24	1	---	1
602T Casualty resulting fm a derailment which did not satisfy \$ threshold	16	14	2	16	---	---	---
603T Casualty resulting fm oth than Rail Equip A/I(not at rail-hwy X-ing)	37	15	9	24	---	1	---
SUBTOTAL.....	82	47	17	64	1	1	1
HIGHWAY-RAIL CROSSING ACCIDENTS/INCIDENTS							
609T Casualty at public hwy-rail X-ing (not rptd on form 6180-54)-eqp mov	1,593	51	4	55	---	2	1,255
610T Casualty at private hwy-rail X-ing (Not rptd on form 6180-54)-eqp mov	115	10	2	12	1	---	96
SUBTOTAL.....	1,708	61	6	67	1	2	1,351
STRUCK BY OR RAN INTO LOCOMOTIVES OR CARS (NOT AT HWY-RAIL X-INGS)							
701T Standing, walking or running on or along track - equipment moving	153	10	3	13	---	---	10
702T Crossing track at private highway-rail crossing - equipment moving	4	1	---	1	---	---	3
703T Crossing track not at a crossing - equipment moving	20	1	---	1	---	---	3
704T While on public thoroughfare - equipment moving	1	---	1	1	---	---	---
705T On bridges or trestles - equipment moving	23	---	---	---	---	---	4
706T Sitting or lying on track or near track, not in clear - eqp moving	89	---	---	---	---	---	6
707T While working on or along track - equipment moving	16	6	6	12	---	---	4
708T Passing over, through, or under cars - equipment moving	36	---	1	1	---	---	1
709T Struck by or ran into loco/car (not at hwy x-ing), misc-eqp mov	32	1	---	1	---	---	6
SUBTOTAL.....	374	19	11	30	---	---	37

**TABLE 67. INJURIES IN TRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND
TYPE OF PERSON, CONT., 1994**

Occurrence	Total Injured	... Employees On Duty... Trainmen Other	Emp Not On Duty	Passengers	Nontrespassers	Trespassers
SERVICING OR MAINTENANCE OF EQUIPMENT						
800T Absence of fixed signal (Blue Signal) - equipment moving	1	---	1	1	---	---
802T Crossing over, under, or between locos or cars - equipment moving	1	1	---	1	---	---
803T Striking or being struck by eqp, structures, or material-eqp mov	21	2	18	20	1	---
815T Moving equipment for repairs	17	1	16	17	---	---
825T Other acc/inc while servicing or maintaining eqp-eqp moving	1	---	1	1	---	---
SUBTOTAL.....	41	4	36	40	1	---
MAINTENANCE OF WAY AND STRUCTURES						
853T Striking or being struck by eqp, structures, or material-eqp mov	51	---	50	50	1	---
899T Other accs/incs while maintaining way and structures - eqp moving	21	1	20	21	---	---
SUBTOTAL.....	72	1	70	71	1	---
FREIGHT, BAGGAGE, EXPRESS OR MAIL						
901T Handling freight, baggage, express or mail-eqp moving	8	1	7	8	---	---
902T Struck or caught by shifted lading-eqp moving	2	1	---	1	---	---
904T Other acc/inc involving freight, baggage, express, or mail - eqp mov	1	---	1	1	---	---
SUBTOTAL.....	11	2	8	10	---	1
WINDOWS, DOORS, ETC., ON ON-TRACK EQUIPMENT						
907T Opening/closing hopper or gondola hatches, end or bottom doors, eqp moving	1	---	1	1	---	---
909T Clo/opn frt/bag car doors, exc plug type car doors, no def-eqp mov	3	1	2	3	---	---
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	25	7	11	18	1	4
914T Opening or closing locomotive doors-equipment moving	20	19	1	20	---	---
915T Opening or closing locomotive windows-equipment moving	3	3	---	3	---	---
918T Opening and closing other windows-equipment moving	4	1	---	1	---	3
919T Other accidents/incidents involving windows or doors-eqp mov	10	9	1	10	---	---
SUBTOTAL.....	71	44	17	61	1	7
PASSENGER CAR DOORS						
920T Caught by side doors while entering coach-equipment moving	1	---	1	1	---	---
921T Caught by side doors while exiting coach-equipment moving	1	---	1	1	---	---
922T Dragged by train while caught in side doors, entering coach	2	---	---	---	---	2
925T Struck by side doors while exiting coach-equipment moving	2	---	---	---	---	2
SUBTOTAL.....	6	---	2	2	---	4

TABLE 67. INJURIES IN TRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND TYPE OF PERSON, CONT., 1994

Occurrence	Total Injured	... Employees On Duty... Trainmen	Other	Total	Emp Not On Duty	Passengers	Nontrespassers	Trespassers
STUMBLING, SLIPPING, FALLING, CAUGHT, NOT ELSEWHERE CLASSIFIED								
930T Stumbling/slipping, etc. on snow or ice - equipment moving	2	1	1	2	---	---	---	---
931T Stumbling/slipping, etc. on foreign mat./irregular surface-eqp mov	20	15	4	19	---	1	---	---
932T Stumbling/slipping, etc. on parts of track in place-equipment moving	2	1	1	2	---	---	---	---
934T Slip/fall, etc. between loco/car and other cars and struct-eqp mov	10	3	1	4	---	2	---	4
935T From bridges of trestles-equipment moving	2	---	---	---	---	---	---	2
936T From structures other than bridges or trestles-equipment moving	2	1	1	2	---	---	---	---
937T Into depressions - equipment moving	1	1	---	1	---	---	---	---
938T While on locomotive or car-equipment moving	77	26	14	40	---	30	2	5
939T Other, stumbling, slipping, falling, caught, etc. - equipment moving	13	5	3	8	---	2	2	1
SUBTOTAL.....	129	53	25	78	---	35	4	12
FLYING OR FALLING OBJECTS, BURNS AND SIMILAR OCCURRENCES, N. O. C.								
940T Foreign object in eye-equipment moving	24	22	1	23	1	---	---	---
941T Struck by flying of falling object (except assaults)-eqp mov	32	16	8	24	---	7	1	---
944T Other fire or explosion-equipment moving	7	4	---	4	---	3	---	---
945T Burned by hot or corrosive substances-equipment moving	14	7	6	13	---	1	---	---
946T Inhalation of or contact with fumes or gases-equipment moving	12	10	2	12	---	---	---	---
949T Other A/I resulting from flying/falling objs, burns, etc. - eqp mov	1	---	1	1	---	---	---	---
SUBTOTAL.....	90	59	18	77	1	11	1	---
OPERATION OF ON-TRACK WORK EQUIPMENT								
950T Collision with train or car	2	1	1	2	---	---	---	---
951T Collision with other on-track work equipment	6	---	6	6	---	---	---	---
952T Jumping from equipment in anticipation of a collision	2	---	2	2	---	---	---	---
953T Derailment that does not satisfy monetary threshold	6	---	6	6	---	---	---	---
954T Getting on/off on-track work equipment - equipment moving	3	1	1	2	---	---	---	1
959T Other A/I involving on-track work equipment - equipment moving	5	1	4	5	---	---	---	---
SUBTOTAL.....	24	3	20	23	---	---	---	1
ASSAULT								
96AT Shot while on moving on-track equipment	9	8	1	9	---	---	---	---
96CT Struck by other propelled object while on locomotive - equip moving	23	23	---	23	---	---	---	---
96DT Struck by other propelled object while on car - equip moving	2	1	1	2	---	---	---	---
96GT Other unprovoked assaults to persons on moving on-track equipment	12	6	2	8	---	2	---	2
96MT All other assaults involving moving on-track equipment	3	2	1	3	---	---	---	---
SUBTOTAL.....	49	40	5	45	---	2	---	2

TABLE 67. INJURIES IN TRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND TYPE OF PERSON, CONT., 1994

Occurrence	Total Injured	... Employees On Duty... Trainmen Other	Emp Not On Duty	Passengers	Nontrespassers	Trespassers
OTHER OCCURRENCES						
970T Performing rerailling or other clearing operations- equipment moving	1	---	1	1	---	---
971T Loco or car coming against car placed for loading or unloading	1	---	---	---	---	1
972T Sudden movement of car, not otherwise classified	55	15	37	52	2	1
974T Slack action in caboose	4	4	---	4	---	---
975T Slack action, other	35	28	3	31	---	---
976T Emergency or severe application of air brakes due to def eqp	2	1	1	2	---	---
977T Emergency or severe application of air brakes not due to def eqp	11	7	4	11	---	---
988T Other accidents/incidents while in caboose, equipment moving	5	4	1	5	---	---
989T Other accidents/incidents- equipment moving	86	26	12	38	3	5
SUBTOTAL.....	200	85	59	144	5	6
GRAND TOTAL.....	3,825	1,253	347	1,600	13	107

NOTE: Contractor employees are included with nontrespassers.

TABLE 68. ILLNESSES IN TRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND TYPE OF PERSON, 1994

Occurrence	Total Illness	... Employees On Duty... Trainmen Other	Emp Not On Duty	Passen- gers	Nontres- passers	Tres- passers
COUPLING AND UNCOUPLING LOCOMOTIVES OR CARS						
005T Use of uncoupling lever - equipment moving	2	2	---	2	---	---
SUBTOTAL.....	2	2	---	2	---	---
OPERATING OR ON LOCOMOTIVES						
109T Inhalation of or contact with fumes or gases - equipment moving	2	2	---	2	---	---
119T Other accidents/incidents while operating locomotives - eqp moving	8	8	---	8	---	---
SUBTOTAL.....	10	10	---	10	---	---
COLLISIONS, DERAILMENTS, ETC. (SDMG BELOW THRESHOLD)						
601T Casualty resulting fm a collision which did not satisfy \$ threshold	2	1	1	2	---	---
SUBTOTAL.....	2	1	1	2	---	---
HIGHWAY-RAIL CROSSING ACCIDENTS/INCIDENTS						
609T Casualty at public hwy-rail X-ing (not rptd on form 6180-54)-eqp mov	5	5	---	5	---	---
610T Casualty at private hwy-rail X-ing (Not rptd on form 6180-54)-eqp mov	1	1	---	1	---	---
SUBTOTAL.....	6	6	---	6	---	---
STRUCK BY OR RAN INTO LOCOMOTIVES OR CARS (NOT AT HWY-RAIL X-INGS)						
701T Standing, walking or running on or along track - equipment moving	6	6	---	6	---	---
702T Crossing track at private highway-rail crossing - equipment moving	1	1	---	1	---	---
709T Struck by or ran into loco/car (not at hwy x-ing), misc-eqp mov	1	---	1	1	---	---
SUBTOTAL.....	8	7	1	8	---	---
MAINTENANCE OF WAY AND STRUCTURES						
899T Other accs/incs while maintaining way and structures - eqp moving	2	---	2	2	---	---
SUBTOTAL.....	2	---	2	2	---	---
ASSAULT						
96CT Struck by other propelled object while on locomotive - equip moving	1	1	---	1	---	---
SUBTOTAL.....	1	1	---	1	---	---
OTHER OCCURRENCES						
989T Other accidents/incidents-equipment moving	1	1	---	1	---	---
SUBTOTAL.....	1	1	---	1	---	---
GRAND TOTAL.....	32	28	4	32	---	---

NOTE: Contractor employees are included with nontrespassers.

TABLE 69. FATALITIES IN NONTRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND TYPE OF PERSON, 1994

Occurrence		Total Killed	... Employees On Duty... Trainmen Other	Emp Not On Duty	Passengers	Nontrespassers	Trespassers
HIGHWAY-RAIL CROSSING ACCIDENTS/INCIDENTS							
609	Casualty at public hwy-rail X-ing (not rptd on form 6180-54)-eqp std	4	---	---	---	4	---
	SUBTOTAL	4	---	---	---	4	---
STRUCK BY OR RAN INTO LOCOMOTIVES OR CARS (NOT AT HWY-RAIL X-INGS)							
701	Standing, walking or running on or along track - equipment standing	5	---	---	---	1	4
709	Struck by or ran into loco/car (not at hwy x-ing), misc-eqp std	1	---	---	---	---	1
	SUBTOTAL	6	---	---	---	1	5
MAINTENANCE OF WAY AND STRUCTURES							
863	Loading and unloading materials	1	---	1	1	---	---
	SUBTOTAL	1	---	1	1	---	---
STUMBLING, SLIPPING, FALLING, CAUGHT, NOT ELSEWHERE CLASSIFIED							
935	From bridges or trestles	2	---	---	---	---	2
	SUBTOTAL	2	---	---	---	---	2
FLYING OR FALLING OBJECTS, BURNS AND SIMILAR OCCURRENCES, N. O. C.							
941	Struck by flying of falling object (except assaults)	1	---	---	---	1	---
947	Electrical injury due to contact with catenary, pantograph or 3rd rail	1	---	---	---	---	1
	SUBTOTAL	2	---	---	---	1	1
ASSAULT							
96G	All other unprovoked assaults	1	---	---	---	---	1
	SUBTOTAL	1	---	---	---	---	1
OTHER OCCURRENCES							
978	Motor vehicle acc/inc (other than rail-highway grade crossing)	5	---	2	2	2	1
989	Other accidents/incidents	11	---	2	2	4	5
	SUBTOTAL	16	---	4	4	6	6
	GRAND TOTAL	32	---	5	5	12	15

NOTE: Contractor employees are included with nontrespassers.

**TABLE 70. INJURIES IN NONTRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND
TYPE OF PERSON, 1994**

Occurrence	Total Injured	... Employees On Duty... Trainmen Other	Emp Not On Duty	Passengers	Nontrespassers	Trespassers
COUPLING AND UNCOUPLING LOCOMOTIVES OR CARS						
002 Adjusting coupler - equipment standing	73	72 1	73	---	---	---
003 Crossing over, under or between on-track equipment, equipment standing	9	8 ---	8	---	---	1
004 Adjusting coupler, part of coupler fell striking person-eqp standing	12	12 ---	12	---	---	---
005 Use of uncoupling lever - equipment standing	51	47 4	51	---	---	---
007 Striking parts of body against equipment - equipment standing	31	27 4	31	---	---	---
008 Stumbled, slipped, fell, stepped on foreign obj/irreg surface-eqp std	101	98 3	101	---	---	---
009 Other acc/inc while coupling/uncoupling cars or locos - equip std	52	46 5	51	---	---	1
SUBTOTAL.....	329	310 17	327	---	---	2
COUPLING/UNCOUPLING AIR OR STEAM HOSE, SAFETY CHAINS ETC.						
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	19	16 3	19	---	---	---
053 Coupling air hose, stk by hose due to sudden release of air - eqp std	8	7 1	8	---	---	---
054 Stumbled, slipped, fell, or stepped on foreign obj, etc., eqp standing	53	47 6	53	---	---	---
055 Defective equipment - equipment standing	3	3 ---	3	---	---	---
056 Burned by hot water or steam from hose - equipment standing	1	1 ---	1	---	---	---
057 Opening or closing angle cocks - equipment standing	24	21 3	24	---	---	---
059 Oth A/I while coupl/uncoupl air/steam hose or turn angl cock-eqp std	88	75 13	88	---	---	---
SUBTOTAL.....	197	171 26	197	---	---	---
OPERATING OR ON LOCOMOTIVES						
101 Burn or electrical shock - equipment standing	7	5 2	7	---	---	---
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	4 2	6	---	---	1
104 Stumbled, slipped, fell, stepped on foreign obj, etc., - eqp std	104	93 10	103	1	---	---
105 Checking, oiling, servicing locomotive, etc. - equipment standing	14	8 6	14	---	---	---
109 Inhalation of or contact with fumes or gases - equipment standing	43	41 2	43	---	---	---
110 Defective locomotive seat - equipment standing	14	13 1	14	---	---	---
111 Adjusting locomotive seat - equipment standing	12	12 ---	12	---	---	---
112 Foreign object in eye - equipment standing	37	33 4	37	---	---	---
119 Other accidents/incidents while operating locomotives - eqp standing	75	67 7	74	1	---	---
SUBTOTAL.....	350	312 35	347	2	---	1
OPERATING RAIL MOTORCARS						
151 Striking parts of body against equipment - equipment standing	9	5 4	9	---	---	---
152 Struck by tools or other objects falling - equipment standing	3	--- 3	3	---	---	---
153 Stumbled, slipped, fell or stepped on foreign obj, etc., - eqp std	10	9 1	10	---	---	---
155 Placing or removing rail motorcar on or off rail	9	--- 9	9	---	---	---
159 Other accidents/incidents while operating rail motorcars - eqp std	4	2 2	4	---	---	---
SUBTOTAL.....	35	16 19	35	---	---	---

TABLE 70. INJURIES IN NONTRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND TYPE OF PERSON, CONT., 1994

Occurrence	Total Injured	... Employees On Duty... Trainmen	Other	Total	Emp Not On Duty	Passengers	Nontrespassers	Trespassers
OPERATING HAND BRAKES								
200 Manipulating hand brakes, no defects, equipment standing	122	117	5	122	---	---	---	---
201 Defective equipment - equipment standing	17	16	1	17	---	---	---	---
202 Pawl slipping or accidentally knocked out of ratchet - eqp standing	1	1	---	1	---	---	---	---
203 Striking body not due to movement of equipment	5	3	2	5	---	---	---	---
205 Caught between parts of equipment or lading - equipment standing	4	4	---	4	---	---	---	---
206 Brake chains or bolts, breaking or giving way - equipment standing	10	8	2	10	---	---	---	---
207 Losing hold, slipping, or falling - equipment standing	25	24	1	25	---	---	---	---
208 Caught hand or fingers in spinning brake wheel - equipment standing	3	3	---	3	---	---	---	---
209 Other acc/incidents while operating hand brakes - eqp standing	43	41	2	43	---	---	---	---
SUBTOTAL.....	230	217	13	230	---	---	---	---
OPERATING SWITCHES OR DERAILS								
301 Slipped, tripped or fell due to ice or snow	36	29	6	35	1	---	---	---
302 Slipped, tripped or fell not due to ice or snow	44	42	2	44	---	---	---	---
303 Parts of body struck or caught by mechanism of switch	22	18	4	22	---	---	---	---
305 Lining switches, defective equipment	110	98	12	110	---	---	---	---
306 Lining switches, no defects	286	257	29	286	---	---	---	---
307 Manipulating derail, no defects	22	19	3	22	---	---	---	---
308 Manipulating derail, defective equipment	5	5	---	5	---	---	---	---
309 Other acc/inc while operating switches/derails - equipment standing	112	104	8	112	---	---	---	---
SUBTOTAL.....	637	572	64	636	1	---	---	---
CONTACTING FIXED OBJECTS WHILE ON LOCOMOTIVES OR CARS								
401 Persons on top locos/cars contacting fixed objects - equipment std	1	---	1	1	---	---	---	---
402 Persons on side/end of locos/cars contacting fixed objects - eqp std	4	2	2	4	---	---	---	---
409 Persons on loco/car coming in contact with fixed obj (other)-eqp std	10	5	4	9	---	1	---	---
SUBTOTAL.....	15	7	7	14	---	1	---	---
GETTING ON OR OFF CARS OR LOCOMOTIVES								
501 Slip/fell due to lost/missed hold of grabiron, handhold, etc. - eqp std	41	27	10	37	---	4	---	---
502 Slip/fell due to losing/missing footing on step, stirrup, etc. - eqp std	134	89	31	120	2	10	2	---
503 Stepping or tripping on parts of track in place - equipment standing	18	14	4	18	---	---	---	---
504 Stepping or tripping on foreign material or irreg surface - eqp std	148	116	20	136	---	12	---	---
505 Slipping on ice or snow on ground - equipment standing	47	35	5	40	---	7	---	---
506 Slipping on ice/snow on cars or locomotives - equipment standing	43	32	3	35	1	7	---	---
507 Falling, slipping, tripping, not elsewhere classified - eqp std	87	61	17	78	2	5	2	---
508 Slipping/falling while boarding/alighting fm passenger eqp(standing)	76	12	10	22	1	51	2	---
511 Strike/struck by eqp/structures(not bridge/trestle), or mat -eqp std	20	9	3	12	---	8	---	---
513 Jumping from equipment - equipment standing	12	2	6	8	---	1	3	---
514 Defective equipment - equipment standing	9	9	---	9	---	---	---	---
519 Other acc/inc while getting on or off cars or locos - equipment std	141	106	25	131	---	8	1	1
SUBTOTAL.....	776	512	134	646	6	113	10	1

TABLE 70. INJURIES IN NONTRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND TYPE OF PERSON, CONT., 1994

Occurrence	Total Injured	... Employees On Duty... Trainmen	Other	Emp Not On Duty	Passengers	Nontrespassers	Trespassers
HIGHWAY-RAIL CROSSING ACCIDENTS/INCIDENTS							
609 Casualty at public hwy-rail X-ing (not rptd on form 6180-54)-eqp std	49	---	---	---	---	44	5
610 Casualty at private hwy-rail X-ing (Not rptd on form 6180-54)-eqp std	1	1	---	1	---	---	---
SUBTOTAL.....	50	1	---	1	---	44	5
STRUCK BY OR RAN INTO LOCOMOTIVES OR CARS (NOT AT HWY-RAIL X-INGS)							
701 Standing, walking or running on or along track - equipment standing	8	2	1	3	---	2	3
703 Crossing track not at a crossing - equipment standing	1	---	---	---	---	1	---
708 Passing over, through, or under cars - equipment standing	6	1	---	1	---	3	2
709 Struck by or ran into loco/car (not at hwy x-ing), misc-eqp std	3	---	1	1	---	---	2
SUBTOTAL.....	18	3	2	5	---	6	7
SERVICING OR MAINTENANCE OF EQUIPMENT							
802 Crossing over, under, or between locos or cars - equipment standing	26	---	25	25	---	1	---
803 Striking or being struck by eqp, structures, or material-eqp std	186	3	182	185	1	---	---
804 Use of hand tools	274	10	262	272	1	1	---
805 Use of portable power tools	58	1	56	57	---	1	---
806 Use of welding equipment	24	---	24	24	---	---	---
807 Use of oxygen-acytelene, natural gas cutting equipment	27	---	27	27	---	---	---
808 Use of grinding equipment	15	---	14	14	---	1	---
809 Use of scaffolds, ladders, etc.	29	---	27	27	---	2	---
81A Lifting parts to install while making repairs	71	2	68	70	---	1	---
810 Use of cranes, hoists, derricks, piledrivers, etc.	31	---	28	28	---	3	---
811 Use of lift trucks and other portable material handling eqp	48	1	47	48	---	---	---
812 Use of shop machinery not elsewhere classified	32	---	32	32	---	---	---
813 Loading and unloading materials	103	5	96	101	1	1	---
814 Handling material by hand	287	6	279	285	1	1	---
816 Inhalation of or contact with fumes or gases	22	1	21	22	---	---	---
817 Foreign object in eye, using eye protection	125	4	119	123	1	1	---
818 Foreign object in eye, not using eye protection	32	2	30	32	---	---	---
819 Struck by flying or falling object	113	5	107	112	---	1	---
820 Electrical flash, shock, or burn	33	1	32	33	---	---	---
822 Other fire or explosion	5	---	5	5	---	---	---
823 Burned or irritated by hot, corrosive, or toxic substances	26	---	26	26	---	---	---
824 Stumbling, slipping, falling, caught, not elsewhere classified	414	5	397	402	11	1	---
825 Other acc/inc while servicing or maintaining eqp-eqp std	376	5	365	370	3	3	---
SUBTOTAL.....	2,357	51	2,269	2,320	19	18	---

TABLE 70. INJURIES IN NONTRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND TYPE OF PERSON, CONT., 1994

Occurrence	Total Injured	... Employees On Duty... Trainmen	Other	Emp Not On Duty	Passengers	Nontrespassers	Trespassers
MAINTENANCE OF WAY AND STRUCTURES							
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	163	---	157	157	1	---	5
854 Use of hand tools	401	---	397	397	1	---	3
855 Use of portable power tools	127	---	125	125	---	---	2
856 Use of welding equipment	19	---	19	19	---	---	---
857 Use of oxygen-acytelene, natural gas cutting equipment	9	---	9	9	---	---	---
858 Use of grinding equipment	29	---	29	29	---	---	---
859 Use of scaffolds, ladders, etc.	24	---	22	22	---	---	2
860 Use of cranes, hoists, derricks, piledrivers, etc.	37	---	37	37	---	---	---
861 Use of lift trucks and other portable material handling eqp	37	---	36	36	---	---	1
862 Use of shop machinery not elsewhere classified	16	---	16	16	---	---	---
863 Loading and unloading materials	213	1	210	211	---	---	2
864 Handling material by hand	380	10	365	375	---	---	5
866 Inhalation of or contact with fumes or gases	16	2	12	14	2	---	---
867 Foreign object in eye, using eye protection	72	---	71	71	1	---	---
868 Foreign object in eye, not using eye protection	24	---	22	22	---	---	2
869 Struck by flying of falling object	120	---	116	116	---	---	4
870 Electrical flash, shock, or burn	20	1	19	20	---	---	---
871 Fire or explosion of fusees or torpedoes	1	1	---	1	---	---	---
872 Other fire or explosion	10	---	10	10	---	---	---
873 Burned or irritated by hot, corrosive or toxic substances	16	---	15	15	1	---	---
874 Stumbling, slipping, falling, caught, not elsewhere classified	401	2	386	388	9	---	4
875 Use of maintenance of way equipment not elsewhere classified	79	---	78	78	---	---	1
876 Inserting or removing ties, switch timbers and tie plates by use of hand tools	93	---	92	92	---	---	1
877 Insert/remove ties, switch timbers and tie plates using portable power tools	17	---	17	17	---	---	---
878 Loading/unloading ties, switch timbers, tie plates and fastenings	70	---	68	68	---	---	2
879 Handling rail by use of power tools	24	---	24	24	---	---	---
880 Handling rail by use of hand tools	34	---	34	34	---	---	---
890 Handling/inserting/removing rail anchors (includes being struck by anchors)	34	---	34	34	---	---	---
891 Handling/inserting/removing track spikes (includes being struck by flying spike)	147	---	145	145	---	---	2
892 Working on or about sgnl or comm poles, sgnl masts, sgnl cantilevers or catenary	57	1	56	57	---	---	---
893 Servicing or repairing MOW equipment at work site	67	---	67	67	---	---	---
899 Other accs/incs while maintaining way and structures - eqp standing	211	---	206	206	1	---	3
SUBTOTAL.....	2,972	18	2,898	2,916	16	---	39
FREIGHT, BAGGAGE, EXPRESS OR MAIL							
901 Handling freight, baggage, express or mail	86	13	72	85	---	1	---
902 Struck or caught by shifted lading	2	---	2	2	---	---	---
903 Tripping over, or struck by falling baggage in passenger car-eqp std	4	2	2	4	---	---	---
904 Other accident/incident involving freight, baggage, express, or mail	20	5	15	20	---	---	---
SUBTOTAL.....	112	20	91	111	---	1	---

TABLE 70. INJURIES IN NONTRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND TYPE OF PERSON, CONT., 1994

Occurrence	Total Injured	... Employees On Duty... Trainmen	Other	Total	Emp Not On Duty	Passengers	Nontrespassers	Trespassers
WINDOWS, DOORS, ETC., ON ON-TRACK EQUIPMENT								
907 Opening/closing hopper or gondola hatches, end or bottom doors, eqp standing	15	---	13	13	---	---	2	---
908 Clo/opn frt/bag car doors, exc plug type car doors, def eqp-eqp std	11	5	3	8	---	---	2	1
909 Clo/opn frt/bag car doors, exc plug type car doors, no def-eqp std	28	4	24	28	---	---	---	---
910 Closing or opening plug type car doors, defective equipment-eqp std	3	---	3	3	---	---	---	---
911 Closing or opening plug type car doors, no defects-equipment std	15	2	13	15	---	---	---	---
912 Closing or opening coach trap doors-equipment standing	36	27	4	31	---	5	---	---
913 Interior doors-equipment standing	26	14	9	23	---	3	---	---
914 Opening or closing locomotive doors-equipment standing	43	31	12	43	---	---	---	---
915 Opening or closing locomotive windows-equipment standing	10	9	1	10	---	---	---	---
916 Opening or closing caboose doors-equipment standing	2	---	2	2	---	---	---	---
918 Opening and closing other windows	3	2	1	3	---	---	---	---
919 Other accidents/incidents involving windows or doors	73	38	20	58	2	10	3	---
SUBTOTAL.....	265	132	105	237	2	18	7	1
PASSENGER CAR DOORS								
920 Caught by side doors while entering coach-equipment standing	3	---	1	1	---	2	---	---
921 Caught by side doors while exiting coach-equipment standing	4	1	---	1	---	3	---	---
924 Struck by side doors while entering coach-equipment standing	2	---	---	---	---	2	---	---
925 Struck by side doors while exiting coach-equipment standing	5	2	---	2	---	3	---	---
SUBTOTAL.....	14	3	1	4	---	10	---	---
STUMBLING, SLIPPING, FALLING, CAUGHT, NOT ELSEWHERE CLASSIFIED								
930 Stumbling/slipping, etc. on snow or ice	556	173	233	406	61	3	86	---
931 Stumbling/slipping, etc. on foreign material or irregular surface	467	266	133	399	29	2	37	---
932 Stumbling/slipping, etc. on parts of track in place	136	56	63	119	3	6	7	1
933 Stumbling/slipping, etc. on stairways, ramps or platforms	362	39	88	127	26	25	184	---
934 Slip/fall, etc. between loco/car and other cars and struct-eqp std	48	9	14	23	---	23	1	1
935 From bridges or trestles	22	2	9	11	1	---	6	4
936 From structures other than bridges or trestles	25	3	19	22	1	---	2	---
937 Into depressions	79	40	34	74	2	---	2	1
938 While on locomotive or car-equipment standing	86	21	33	54	---	12	16	4
939 Other, stumbling, slipping, falling, caught, etc.	166	48	72	120	13	2	30	1
SUBTOTAL.....	1,947	657	698	1,355	136	73	371	12

TABLE 70. INJURIES IN NONTRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND TYPE OF PERSON, CONT., 1994

Occurrence	Total Injured	... Employees On Duty... Trainmen Other	Emp Not On Duty	Passengers	Nontrespassers	Trespassers
FLYING OR FALLING OBJECTS, BURNS AND SIMILAR OCCURRENCES, N. O. C.						
940 Foreign object in eye	84	50 28	78	4	---	2
941 Struck by flying of falling object (except assaults)	86	11 44	55	2	1	28
942 Electrical flash, shock, or burn	9	1 4	5	---	---	2
943 Fire or explosion of fusees or torpedoes	1	1 ---	1	---	---	---
944 Other fire or explosion	5	2 3	5	---	---	---
945 Burned by hot or corrosive substances	11	4 7	11	---	---	---
946 Inhalation of or contact with fumes or gases	36	21 15	36	---	---	---
947 Electrical injury due to contact with catenary, pantograph or 3rd rail	5	--- 1	1	---	---	1
949 Other acc/inc resulting from flying/falling objs, burns, etc.	18	7 9	16	---	1	1
SUBTOTAL.....	255	97 111	208	6	2	34
OPERATION OF ON-TRACK WORK EQUIPMENT						
954 Getting on/off on-track work equipment - equipment standing	36	1 35	36	---	---	---
959 Other A/I involving on-track work equipment - equipment standing	25	1 23	24	---	---	1
SUBTOTAL.....	61	2 58	60	---	---	1
ASSAULT						
96B Shooting incidents not involving persons on on-track equipment	4	--- 2	2	2	---	---
96C Struck by other propelled object while on locomotive - equip standing	1	1 ---	1	---	---	---
96F Struck by other propelled object, not on on-track equipment	5	2 2	4	---	---	1
96G All other unprovoked assaults	54	24 19	43	7	1	3
96K Shooting incidents that did not involve persons on on-track equipment	1	--- ---	---	---	---	1
96L Other assaults connected with the protection of RR property - eqp standing	17	--- 16	16	---	---	1
96M All other assaults not involving moving on-track equipment	57	7 43	50	2	2	3
96N Injuries sustained by ther perpetrator of an assault	2	--- 2	2	---	---	---
SUBTOTAL.....	141	34 84	118	11	3	9
OTHER OCCURRENCES						
970 Performing rerailling or other clearing operations	24	2 21	23	---	---	1
978 Motor vehicle acc/inc (other than highway-rail grade crossing)	484	145 265	410	22	1	43
979 Servicing and maintenance of highway vehicles	9	--- 9	9	---	---	---
980 Horseplay	9	1 3	4	2	1	2
981 Animal bites, including snake bites	8	2 5	7	1	---	---
982 Insect bites	112	33 67	100	11	---	1
983 Incidents occurring in office setting involving clerical, staff, etc., personnel	269	6 251	257	10	---	2
984 Contact with poisonous plants	10	2 8	10	---	---	---
985 Stepping on nails or other sharp objects	24	7 15	22	1	---	---
988 Other accidents/incidents while in caboose, equipment standing	3	1 2	3	---	---	---
989 Other accidents/incidents	530	168 221	389	20	15	93
SUBTOTAL.....	1,482	367 867	1,234	67	17	142
GRAND TOTAL.....	12,243	3,502 7,499	11,001	266	238	684

NOTE: Contractor employees are included with nontrespassers.

TABLE 71. ILLNESSES IN NONTRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND TYPE OF PERSON, 1994

Occurrence	Total Illness	... Employees On Duty... Trainmen Other	Emp Not On Duty	Passengers	Nontrespassers	Trespassers
COUPLING AND UNCOUPLING LOCOMOTIVES OR CARS						
009 Other acc/inc while coupling/uncoupling cars or locos - equip std	3	3	---	3	---	---
SUBTOTAL.....	3	3	---	3	---	---
COUPLING/UNCOUPLING AIR OR STEAM HOSE, SAFETY CHAINS ETC.						
057 Opening or closing angle cocks - equipment standing	1	1	---	1	---	---
059 Oth A/I while coupl/uncoupl air/steam hose or turn angl cock-eqp std	3	3	---	3	---	---
SUBTOTAL.....	4	4	---	4	---	---
OPERATING OR ON LOCOMOTIVES						
102 Striking parts of body against equipment, moving about loco-eqp std	1	1	---	1	---	---
109 Inhalation of or contact with fumes or gases - equipment standing	6	6	---	6	---	---
119 Other accidents/incidents while operating locomotives - eqp standing	4	4	---	4	---	---
SUBTOTAL.....	11	11	---	11	---	---
OPERATING SWITCHES OR DERAILS						
305 Lining switches, defective equipment	1	1	---	1	---	---
306 Lining switches, no defects	3	3	---	3	---	---
309 Other acc/inc while operating switches/derails - equipment standing	1	1	---	1	---	---
SUBTOTAL.....	5	5	---	5	---	---
GETTING ON OR OFF CARS OR LOCOMOTIVES						
519 Other acc/inc while getting on or off cars or locos - equipment std	2	2	---	2	---	---
SUBTOTAL.....	2	2	---	2	---	---
SERVICING OR MAINTENANCE OF EQUIPMENT						
804 Use of hand tools	10	---	10	10	---	---
805 Use of portable power tools	10	---	10	10	---	---
806 Use of welding equipment	1	---	1	1	---	---
81A Lifting parts to install while making repairs	1	---	1	1	---	---
810 Use of cranes, hoists, derricks, piledrivers, etc.	1	---	1	1	---	---
814 Handling material by hand	3	---	3	3	---	---
816 Inhalation of or contact with fumes or gases	3	---	3	3	---	---
817 Foreign object in eye, using eye protection	1	---	1	1	---	---
820 Electrical flash, shock, or burn	1	---	1	1	---	---
823 Burned or irritated by hot, corrosive, or toxic substances	2	---	2	2	---	---
825 Other acc/inc while servicing or maintaining eqp-eqp std	19	---	19	19	---	---
SUBTOTAL.....	52	---	52	52	---	---

TABLE 71. ILLNESSES IN NONTRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND TYPE OF PERSON, CONT., 1994

Occurrence	Total Illness	...Employees Trainmen	On Duty... Other	Emp Not On Duty	Passen- gers	Nontres- passers	Tres- passers
MAINTENANCE OF WAY AND STRUCTURES							
854 Use of hand tools	10	---	10	10	---	---	---
855 Use of portable power tools	5	---	5	5	---	---	---
857 Use of oxygen-acetylene, natural gas cutting equipment	4	---	4	4	---	---	---
863 Loading and unloading materials	1	---	1	1	---	---	---
864 Handling material by hand	5	---	5	5	---	---	---
866 Inhalation of or contact with fumes or gases	6	---	6	6	---	---	---
873 Burned or irritated by hot, corrosive or toxic substances	4	---	4	4	---	---	---
875 Use of maintenance of way equipment not elsewhere classified	5	---	5	5	---	---	---
890 Handling/inserting/removing rail anchors (includes being struck by anchors)	1	---	1	1	---	---	---
891 Handling/inserting/removing track spikes (includes being struck by flying spike)	2	---	2	2	---	---	---
893 Servicing or repairing MOW equipment at work site	2	---	2	2	---	---	---
899 Other accs/incs while maintaining way and structures - eqp standing	20	---	20	20	---	---	---
SUBTOTAL.....	65	---	65	65	---	---	---
FREIGHT, BAGGAGE, EXPRESS OR MAIL							
901 Handling freight, baggage, express or mail	1	---	1	1	---	---	---
SUBTOTAL.....	1	---	1	1	---	---	---
WINDOWS, DOORS, ETC., ON ON-TRACK EQUIPMENT							
907 Opening/closing hopper or gondola hatches, end or bottom doors, eqp standing	1	1	---	1	---	---	---
909 Clo/opn frt/bag car doors, exc plug type car doors, no def-eqp std	1	---	1	1	---	---	---
913 Interior doors-equipment standing	1	1	---	1	---	---	---
SUBTOTAL.....	3	2	1	3	---	---	---
STUMBLING, SLIPPING, FALLING, CAUGHT, NOT ELSEWHERE CLASSIFIED							
939 Other, stumbling, slipping, falling, caught, etc.	1	---	1	1	---	---	---
SUBTOTAL.....	1	---	1	1	---	---	---
FLYING OR FALLING OBJECTS, BURNS AND SIMILAR OCCURRENCES, N. O. C.							
944 Other fire or explosion	1	1	---	1	---	---	---
945 Burned by hot or corrosive substances	1	---	1	1	---	---	---
946 Inhalation of or contact with fumes or gases	6	6	---	6	---	---	---
949 Other acc/inc resulting from flying/falling objs, burns, etc.	2	---	2	2	---	---	---
SUBTOTAL.....	10	7	3	10	---	---	---

**TABLE 71. ILLNESSES IN NONTRAIN INCIDENTS BY SPECIFIC OCCURRENCES AND
TYPE OF PERSON, CONT., 1994**

Occurrence		Total Illness	...Employees Trainmen	On Duty... Other	Emp Not On Duty Total	Passen- gers	Nontres- passers	Tres- passers
OPERATION OF ON-TRACK WORK EQUIPMENT								
959	Other A/I involving on-track work equipment - equipment standing	1	---	1	1	---	---	---
	SUBTOTAL.....	1	---	1	1	---	---	---
ASSAULT								
96M	All other assaults not involving moving on-track equipment	3	---	3	3	---	---	---
	SUBTOTAL.....	3	---	3	3	---	---	---
OTHER OCCURRENCES								
982	Insect bites	10	---	10	10	---	---	---
983	Incidents occurring in office setting involving clerical, staff, etc., personnel	29	---	29	29	---	---	---
984	Contact with poisonous plants	21	3	18	21	---	---	---
989	Other accidents/incidents	31	14	16	30	1	---	---
	SUBTOTAL.....	91	17	73	90	1	---	---
	GRAND TOTAL.....	252	51	200	251	1	---	---

NOTE: Contractor employees are included with nontrespassers.

REPORTABILITY

REQUIREMENTS

AND

DEFINITIONS

REPORTABILITY REQUIREMENTS

The rules governing the monthly reporting of railroad accidents/incidents in effect at the end of 1994 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

(iv) 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. A railroad with an annual gross operating revenue in excess of \$250 million based on 1991 dollars.

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.

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

Nonfatal Casualty. Injuries and occupational illnesses incurred during railroad operations and

DEFINITIONS

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 a 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 tracks 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.

REPORTING

FORMS