

# ACCIDENT/INCIDENT BULLETIN

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## INTRODUCTION

In accordance with 49 CFR 225, railroads are required to file monthly accident/incident reports with the Office of Safety, Federal Railroad Administration. For the purposes of these requirements a "railroad" is any system of surface transportation of persons and property over rails, including line haul freight and passenger railroads, switching and terminal railroads, and passenger carrying railroads, such as rapid transit, commuter, scenic, street, subway, elevated, cable and cog railways.

The purpose of reporting to the Federal Railroad Administration (FRA) the occupational illness of employees, damage to railroad equipment and structures, and injury to persons, arising from the operation of a railroad, is to carry out the intent of Congress as expressed in the Federal Railroad Safety Act of 1970 (PL-91-458) and the Accident Reports Act, as amended, (45 USC-38-43) namely, the disclosure of hazards arising in the provision of carrier transportation by rail.

The 1975 Accident/Incident Bulletin was the first to be published under the revised accident/incident reporting regulation, 49 CFR 225. The revisions became effective January 1, 1975, following the publication of FR Docket 74-28919 in the December 11, 1974, edition of the Federal Register.

The broad scope of the revisions makes direct comparison of 1975 and later data with previous years' data impossible. The change fall into the following categories (refer to the Appendix for definitions):

1. RAIL EQUIPMENT ACCIDENTS/INCIDENTS (TRAIN ACCIDENTS). From 1957 through 1974, the damage threshold for reporting train accidents remained at \$750. In 1975, the threshold was increased to \$1,750, significantly reducing the number of reportable accidents. Part of this decrease was offset by an increase in the reporting of train accidents involving track motorcars and roadway machines not equipped with AAR couplers. Under previous reporting requirements, with few exceptions, unless such equipment was operating under train rules and was subject to the protection afforded trains, collisions and derailments involving such equipment were not reportable train accidents. This has been changed in the revised regulation.

2. RAIL-HIGHWAY GRADE CROSSING ACCIDENTS/INCIDENTS. The revised regulation requires the reporting of any impact between railroad on-track equipment and an automobile, bus, truck, motorcycle, bicycle, farm vehicle or pedestrian at a rail-highway grade crossing. Previous regulations required the reporting of such an impact only if it resulted in a reportable casualty or in a minimum of \$750 in damages to railroad equipment, track, or roadbed.

3. FATALITIES. Prior to 1975, a death which resulted from railroad operations, but which occurred more than 24 hours after the injury, was reported as an injury and a subsequent fatality. Such fatal injuries now are classified as fatalities. In addition, fatalities resulting from occupational illnesses, if they occur within 365 days of the initial diagnosis of the illness, are now reportable. These were not reportable prior to 1975.

4. OCCUPATIONAL ILLNESSES. This is a completely new category with no counterpart in previous casualty statistics. Tables pertaining to illnesses or injuries are individually notated. In tables where injuries and illnesses are combined, they appear under the inclusive heading, "CASUALTIES."

5. OCCUPATIONAL INJURIES. Major changes were made in the definition of a reportable injury. This was done to allow comparability of railroad industry statistics with those published by the Occupational Safety and Health Administration (OSHA) for other industries.

Previous regulations required the reporting of any employee injury which prevented the employee from performing all of his or her normally assigned duties for more than 24 hours in the aggregate during the ten days immediately following the injury. This resulted in the reporting of only those injuries causing at least two days of lost or restricted time. The revised regulation requires the reporting of any employee injury which results in one or more lost or restricted workdays, the administration of medical treatment beyond first aid, transfer to another job, termination of employment, or lost consciousness. In addition, the case remains active for 365 days rather than the ten day period previously specified.

An injury to a person other than an employee-on-duty was formerly reportable if it prevented the injured person from following his or her customary vocation or mode of life for more than 24 hours in the aggregate during the ten days immediately following the injury. Such an injury is presently reportable if the injured person requires medical treatment beyond first aid. Lost and/or restricted workdays are tabulated only for employee-on-duty injuries and illnesses.

Aside from expanding the definition of a reportable injury and including occupational illnesses in accident/incident reporting, the definitions of two categories of accidents/incidents has been changed. Prior to 1975, accidents resulting in reportable casualties, but not resulting in sufficient damage to be reported as a "Train Accident," were grouped as either "Train-Service Accidents" or "Nontrain Accidents." A train-service accident was defined as one arising in connection with the operation or movement of trains, locomotives or cars that resulted in reportable casualties, but not in damage to railroad equipment, track, or roadbed of more than \$750. A nontrain accident was defined as one not caused directly by the operation or movement of trains, locomotives or cars that resulted in reportable casualties.

In 1975 "Train-Service Accidents" and "Nontrain Accidents" were redefined and renamed as "Train Incidents" and "Nontrain Incidents," respectively. The factor that determines into which of these categories a casualty (other than that resulting from reportable "Train Accidents") will be placed is the involvement of moving on-track equipment at the time of the accident/incident. If moving on-track equipment contributes to making a casualty reportable, the casualty is considered to have resulted from a train incident. In all other circumstances the casualty would be entered into the nontrain category.

For the first time since publication of the Accident Bulletin was initiated, tables pertaining to rapid transit carriers have been included. These tables are separate from those concerning common carriers and are appropriately headed. In those instances where all categories of railroads are combined in a single table, it is so noted in the table and column headings.

The 1976 Accident Bulletin is divided into three parts, with an appendix which contains extracts from the reporting rules and other pertinent information. Part I contains selected ten-year history tables. Part II presents detailed tabulations of casualties and damages by accident causes. Part III contains details of accidents and casualties by railroad.

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TABLE 1 10 YEAR OPERATIONAL PROFILE  
CLASS I AND CLASS II RAILROADS, 1967 - 1976

Year	Man Hours a (000,000)	Motor Train Miles b (000)	Yard Switching Miles c (000)	Locomotive Miles d (000)	Total Train Miles (b+c+d) (000)
1967	1,273	27,055	286,900	581,073	895,028
1968	1,247	27,024	293,057	556,408	876,489
1969	1,221	29,498	294,301	540,282	864,081
1970	1,195	29,825	286,929	521,920	838,674
1971	1,124	28,179	268,449	487,216	783,844
1972	1,087	28,313	259,492	493,603	781,408
1973	1,090	28,768	263,782	538,797	831,347
1974	1,099	31,261	250,425	551,575	833,261
1975	1,028	35,104	220,175	499,754	755,033
1976	1,046	65,989	217,363	491,411	774,764

TABLE 2 NUMBER OF RAILROAD ACCIDENTS OF ALL TYPES  
CLASS I AND CLASS II RAILROADS, 1967 - 1974

Year	Train	Train Service	Non Train	Total
1967	7,294	16,240	7,846	31,380
1968	8,028	15,934	7,765	31,727
1969	8,543	15,388	7,170	31,101
1970	8,095	14,419	6,812	29,326
1971	7,304	12,562	6,068	25,934
1972	7,532	11,825	5,632	24,989
1973	9,698	12,384	5,538	27,620
1974	10,694	13,185	7,017	30,896

TABLE 2a NUMBER OF RAILROAD ACCIDENTS/INCIDENTS  
OF ALL TYPES  
CLASS I AND CLASS II RAILROADS, 1975 - 1976 \*

Year	Train Accidents	Train Incidents	Nontrain Incidents	Total
1975	8,041	11,777	41,058	60,876
1976	10,248	12,368	50,535	73,151

\* Refer to introduction and appendix for explanation of changes in accident categories

TABLE 3 TRAIN ACCIDENTS BY CLASS  
SHOWING DAMAGE TRENDS  
1967 - 1976\*

Class of Acc/Year	Total Accidents	Total Damage (\$)	Average Damage (\$)	Damage/Mill Train Mi (\$)	Acc/Mill Train Mi
<b>COLLISIONS</b>					
1967	1,522	11,365,498	7,467	12,698	1.70
1968	1,727	10,993,856	6,366	12,543	1.97
1969	1,810	22,139,356	12,232	25,622	2.09
1970	1,756	16,838,676	9,589	20,078	2.09
1971	1,529	15,780,914	10,321	20,133	1.95
1972	1,348	12,928,501	9,591	16,545	1.73
1973	1,657	21,855,270	13,190	26,289	1.99
1974	1,551	27,761,642	17,899	33,317	1.86
1975	1,002	17,291,171	17,257	22,901	1.33
1976	1,370	24,749,012	18,065	31,944	1.77
<b>DERAILMENTS</b>					
1967	4,960	82,068,519	16,546	91,694	5.54
1968	5,487	99,472,188	18,129	113,489	6.26
1969	5,960	103,782,379	17,413	120,107	6.90
1970	5,602	101,228,437	18,070	120,701	6.68
1971	5,131	90,531,109	17,644	115,496	6.55
1972	5,509	91,282,824	16,570	116,818	7.05
1973	7,389	126,112,942	17,068	151,697	8.89
1974	8,513	154,548,384	18,154	185,474	10.22
1975	6,328	147,755,647	23,350	195,694	8.38
1976	7,934	184,273,761	23,226	237,845	10.24
<b>OTHER</b>					
1967	812	3,216,233	3,961	3,593	0.91
1968	814	3,878,268	4,764	4,425	0.93
1969	773	3,626,169	4,691	4,197	0.89
1970	737	3,558,165	4,828	4,243	0.88
1971	644	3,472,022	5,391	4,429	0.82
1972	675	3,309,015	4,902	4,235	0.86
1973	652	7,334,935	11,250	8,823	0.78
1974	630	5,390,321	8,556	6,469	0.76
1975	711	12,351,384	17,372	16,359	0.94
1976	944	17,967,924	19,034	23,191	1.22
<b>ALL ACCIDENTS</b>					
1967	7,294	96,650,250	13,251	107,986	8.15
1968	8,028	114,344,312	14,243	130,457	9.16
1969	8,543	129,547,904	15,164	149,925	9.89
1970	8,095	121,625,278	15,025	145,021	9.65
1971	7,304	109,784,045	15,031	140,059	9.32
1972	7,532	107,520,340	14,275	137,598	9.64
1973	9,698	155,303,147	16,014	186,809	11.67
1974	10,694	187,700,347	17,552	225,260	12.83
1975	8,041	177,398,202	22,062	234,954	10.65
1976	10,248	226,990,697	22,150	292,980	13.23

\* After 1975 the Train Accident reporting threshold was \$1750, from 1966 - 1974 it was \$750.



TABLE 4 TRAIN ACCIDENTS BY CONTRIBUTING CAUSE  
SHOWING DAMAGE TRENDS, CLASS I AND CLASS II RAILROADS  
1967 - 1976\*

Contributing Cause and Year	Total Accidents	Total Damage (\$)	Average Damage (\$)	Damage/Mill Train Mi (\$)	Acc/Mill Train Mi
<b>HUMAN FACTORS</b>					
1967	1,987	13,239,999	6,663	14,793	2.22
1968	2,174	18,352,058	8,442	20,938	2.48
1969	2,339	23,056,564	9,857	26,683	2.71
1970	2,191	19,032,384	8,687	22,693	2.61
1971	1,912	15,732,800	8,228	20,071	2.44
1972	1,853	15,324,095	8,270	19,611	2.37
1973	2,282	27,253,258	11,943	32,782	2.74
1974	2,238	29,060,242	12,985	34,875	2.69
1975	1,847	29,971,497	16,211	39,696	2.45
1976	2,360	31,939,411	13,534	41,225	3.05
<b>EQUIPMENT FAILURES</b>					
1967	1,897	35,690,078	18,814	39,876	2.12
1968	2,042	38,891,631	19,046	44,372	2.33
1969	2,142	48,297,232	22,548	55,894	2.48
1970	1,890	38,354,491	20,293	45,732	2.25
1971	1,630	34,998,177	21,471	44,649	2.08
1972	1,577	31,188,889	19,777	39,914	2.02
1973	1,992	38,319,889	19,237	46,094	2.40
1974	2,175	49,936,473	22,959	59,929	2.61
1975	1,906	49,721,935	26,087	65,854	2.52
1976	2,174	68,572,507	31,542	88,508	2.81
<b>DEFECTS IN WAY OR STRUCTURES</b>					
1967	1,844	25,288,516	13,714	28,255	2.06
1968	2,128	32,226,565	15,144	36,768	2.43
1969	2,483	34,740,363	13,991	40,205	2.87
1970	2,470	38,818,645	15,716	46,286	2.95
1971	2,276	34,332,685	15,085	43,800	2.90
1972	2,544	37,908,031	14,901	48,512	3.23
1973	3,556	51,548,006	14,496	62,005	4.28
1974	4,264	70,218,582	16,468	84,270	5.12
1975	3,176	69,519,019	21,889	92,074	4.21
1976	4,260	85,537,356	20,079	110,404	5.50
<b>ALL OTHER CAUSES</b>					
1967	1,566	22,431,657	14,324	25,063	1.75
1968	1,684	24,874,058	14,771	28,379	1.92
1969	1,579	23,453,745	14,854	27,143	1.83
1970	1,544	25,419,758	16,464	30,309	1.84
1971	1,486	24,720,383	16,636	31,537	1.90
1972	1,558	23,099,325	14,826	29,561	1.99
1973	1,868	38,181,994	20,440	45,928	2.25
1974	2,017	38,485,050	19,080	46,186	2.42
1975	1,112	28,185,751	25,347	37,330	1.47
1976	1,454	40,941,423	28,158	52,844	1.88
<b>TOTAL ALL TRAIN ACCIDENTS</b>					
1967	7,294	96,650,250	13,251	107,986	8.15
1968	8,028	114,344,312	14,243	130,457	9.16
1969	8,543	129,547,904	15,164	149,925	9.89
1970	8,095	121,625,278	15,025	145,021	9.65
1971	7,304	109,784,045	15,031	140,059	9.32
1972	7,532	107,520,340	14,275	137,598	9.64
1973	9,698	155,303,147	16,014	186,809	11.67
1974	10,694	187,700,347	17,552	225,260	12.83
1975	8,041	177,398,202	22,062	234,954	10.65
1976	10,248	226,990,697	22,150	292,980	13.23

\* After 1975 the Train Accident reporting threshold was \$1750, from 1966 - 1974 it was \$750.

TABLE 5 CASUALTIES BY TYPE OF ACCIDENT  
CLASS I AND CLASS II RAILROADS  
1967 - 1974

Class of Acc By Year	Total Killed	Total Injured	Total Casualties	Total Accident	Casualties per Million Train Miles
<b>Train Accidents</b>					
1967	170	754	924	7,294	1.0
1968	142	1,293	1,435	8,028	1.6
1969	203	1,173	1,376	8,543	1.5
1970	210	627	837	8,095	0.9
1971	171	694	865	7,304	1.1
1972	171	777	948	7,532	1.2
1973	149	758	907	9,698	1.0
1974	139	911	1,050	10,694	1.2
<b>TRAIN SERVICE ACCIDENTS</b>					
1967	2,238	15,888	18,126	16,240	20.3
1968	2,141	15,500	17,641	15,934	20.1
1969	2,011	14,986	16,997	15,388	19.7
1970	1,936	13,878	15,814	14,419	18.9
1971	1,792	12,171	13,963	12,562	17.8
1972	1,704	11,507	13,211	11,825	16.9
1973	1,704	11,946	13,650	12,384	16.4
1974	1,692	12,878	14,570	13,185	17.5
<b>NON TRAIN ACCIDENTS</b>					
1967	75	7,881	7,956	7,846	8.9
1968	76	7,815	7,891	7,765	9.0
1969	85	7,197	7,282	7,170	8.4
1970	79	6,822	6,901	6,812	8.2
1971	47	6,107	6,154	6,068	7.9
1972	70	5,646	5,716	5,632	7.3
1973	63	5,541	5,604	5,538	6.7
1974	77	7,029	7,106	7,017	8.5
<b>ALL ACCIDENTS</b>					
1967	2,483	24,523	27,006	31,380	30.2
1968	2,359	24,608	26,967	31,727	30.7
1969	2,299	23,356	25,655	31,101	29.6
1970	2,225	21,327	23,552	29,326	28.0
1971	2,010	18,972	20,982	25,934	26.8
1972	1,945	17,930	19,875	24,989	25.4
1973	1,916	18,245	20,161	27,620	24.1
1974	1,908	20,818	22,726	30,896	27.2

TABLE 5a CASUALTIES BY TYPE OF ACCIDENT  
CLASS I AND CLASS II RAILROADS  
1975 - 1976.\*

Class of Acc By Year	Total Fatal	Total non Fatal	Total Casualties	Total Accidents	Casualties per Million Train Miles
<b>Train Accidents</b>					
1975	82	1,220	1,302	8,041	1.92
1976	158	1,282	1,440	10,248	1.86
<b>Train Incidents</b>					
1975	1,241	11,779	13,020	11,777	17.24
1976	1,299	12,701	14,000	12,368	18.07
<b>Non Train Accidents</b>					
1975	237	41,307	41,544	41,058	55.02
1976	227	51,404	51,631	50,535	66.64
<b>All Accidents</b>					
1975	1,560	54,306	55,866	60,878	73.99
1976	1,684	65,387	67,071	73,151	86.57

\* Refer to introduction and appendix for explanation of changes in accident categories.

TABLE 6 CASUALTIES BY CLASS OF PERSON, CLASS I AND CLASS II RAILROADS  
1967 - 1976

Year	Employees on Duty		Employees Not on Duty		Passengers	
	Killed	Injured	Killed	Injured	Killed	Injured
1967	166	17,529	10	526	12	1,054
1968	146	17,600	4	516	11	1,329
1969	178	16,758	12	497	6	862
1970	155	15,743	17	542	8	489
1971	118	13,644	5	547	16	536
1972	127	12,456	6	517	47	680
1973	158	13,098	3	453	6	503
1974	140	15,620	4	382	7	574
* 1975	110	47,318	3	537	8	1,307
1976	100	57,889	9	588	5	999

  

Year	Non. Trespassers		Trespassers		Total	
	Killed	Injured	Killed	Injured	Killed	Injured
1967	1,649	4,718	646	696	2,483	24,523
1968	1,570	4,500	628	663	2,359	24,608
1969	1,476	4,565	627	674	2,299	23,356
1970	1,452	3,907	593	646	2,225	21,327
1971	1,320	3,638	551	607	2,010	18,972
1972	1,228	3,691	537	586	1,945	17,930
1973	1,171	3,577	578	614	1,916	18,245
1974	1,192	3,568	565	674	1,908	20,818
* 1975	915	4,441	524	703	1,560	54,306
1976	1,112	5,143	458	768	1,684	65,387

\* Comparison to prior years is not valid due to major revisions in reporting requirements (refer to introduction and appendix).

TABLE 101-A FATALITIES FOR CLASS I AND CLASS II RAILROADS BY CLASS OF ACCIDENT, 1976

	Total Acci- dents	Fatal Acci- dents	....Employees on duty.....			Empl not on duty	Passen- gers	Non tres- passers	Tres- passers	Total Killed
			Trainmen	Other	Total					
<b>TRAIN ACCIDENTS</b>										
Collisions	1,368	4	11	6	17	---	2	---	---	19
Derailements	7,934	11	2	5	7	---	1	3	4	15
Grade crossing	354	23	4	---	---	---	---	107	10	121
Other train accidents	592	2	1	---	1	---	---	---	2	3
<b>TOTAL.....</b>	<b>10,248</b>	<b>40</b>	<b>18</b>	<b>11</b>	<b>29</b>	<b>---</b>	<b>3</b>	<b>110</b>	<b>16</b>	<b>156</b>
<b>TRAIN INCIDENTS</b>										
Coupling incidents	485	4	3	1	4	---	---	---	---	4
Operating locomotives	456	---	---	---	---	---	---	---	---	---
Operating handbrakes	368	1	1	---	1	---	---	---	---	1
Operating switches	82	---	---	---	---	---	---	---	---	---
Striking fixed structures	202	2	2	---	2	---	---	---	---	2
Getting on or off trains	2,419	16	3	---	3	---	2	---	11	16
Highway grade accidents	3,632	779	1	---	1	---	---	904	72	976
Struck or run over	589	274	4	6	10	---	---	11	253	277
Miscellaneous	4,133	18	11	1	12	---	---	1	8	21
<b>TOTAL.....</b>	<b>12,368</b>	<b>1,094</b>	<b>25</b>	<b>8</b>	<b>33</b>	<b>4</b>	<b>2</b>	<b>916</b>	<b>344</b>	<b>1,299</b>
<b>NONTRAIN INCIDENTS</b>										
Coupling incidents	1,919	2	2	---	2	---	---	---	---	2
Operating switches	1,895	---	---	---	---	---	---	---	---	---
Getting on/off locos or cars	2,491	3	1	---	1	---	---	---	2	3
Involving windows, doors, etc.	1,176	2	---	1	1	---	---	---	1	2
Stumbling, falling not on car/loco	6,749	8	---	5	5	---	---	1	2	6
Flying/falling objs, burns, etc.	7,479	10	---	5	5	---	---	1	4	10
Striking/struck by objs, equip, etc.	1,426	6	4	1	5	1	---	---	---	6
Use of tools	5,516	---	---	---	---	---	---	---	---	---
Use of shop, bldg, maint equip, etc.	1,395	5	---	5	5	---	---	---	---	5
Handling of rails, ties, etc.	5,395	---	---	---	---	---	---	---	---	---
Handling of other material	4,529	1	---	---	---	---	---	---	---	1
Motor vehicles other than GTR	653	10	---	3	3	2	---	2	4	11
Assaults to persons	214	3	1	1	2	---	---	---	1	3
Miscellaneous	9,098	148	2	7	9	2	---	81	84	176
<b>TOTAL.....</b>	<b>50,535</b>	<b>198</b>	<b>10</b>	<b>28</b>	<b>38</b>	<b>5</b>	<b>---</b>	<b>86</b>	<b>98</b>	<b>227</b>
<b>GRAND TOTAL</b>	<b>73,151</b>	<b>1,332</b>	<b>53</b>	<b>47</b>	<b>100</b>	<b>9</b>	<b>5</b>	<b>1,112</b>	<b>458</b>	<b>1,684</b>

TABLE 101-B NONFATAL CASUALTIES FOR CLASS I AND CLASS II RAILROADS BY CLASS OF ACCIDENT, 1976

	Total acci- dents	Nonfatal accidents	....Employees on duty.....			Empl not on duty	Passen- gers	Non Tres- passers	Tres- passers	Total Injured
			Trainmen	Other	Total					
<b>TRAIN ACCIDENTS</b>										
Collisions	1,368	1,364	157	30	187	---	49	19	1	256
Derailements	7,934	7,923	243	63	306	1	302	15	2	626
Grade crossing	354	331	61	23	84	---	47	148	14	233
Other train accidents	592	590	23	12	35	---	67	2	3	107
<b>TOTAL.....</b>	<b>10,248</b>	<b>10,208</b>	<b>484</b>	<b>128</b>	<b>612</b>	<b>1</b>	<b>465</b>	<b>184</b>	<b>20</b>	<b>1,262</b>
<b>TRAIN INCIDENTS</b>										
Coupling accidents	485	481	464	20	484	---	1	1	---	486
Operating locomotives	456	456	441	28	469	---	---	1	---	470
Operating handbrakes	368	367	359	10	369	---	---	1	---	371
Operating switches	82	82	79	3	82	---	---	1	---	83
Striking fixed structures	202	200	192	11	203	---	---	2	2	207
Getting on or off trains	2,419	2,403	2,214	92	2,306	4	40	7	76	2,433
Highway grade accidents	3,632	2,853	64	16	82	1	10	3,853	181	4,127
Struck or run over	589	315	36	16	52	4	---	85	232	333
Miscellaneous	4,133	4,115	3,052	865	3,917	8	186	37	43	4,191
<b>TOTAL.....</b>	<b>12,368</b>	<b>11,274</b>	<b>6,901</b>	<b>1,063</b>	<b>7,964</b>	<b>17</b>	<b>238</b>	<b>3,948</b>	<b>534</b>	<b>12,701</b>
<b>NONTRAIN INCIDENTS</b>										
Coupling incidents	1,919	1,917	1,679	253	1,932	---	---	---	---	1,932
Operating switches	1,895	1,895	1,731	182	1,913	---	---	1	---	1,914
Getting on/off locos or cars	2,491	2,488	1,790	897	2,687	28	162	38	10	2,925
Involving windows, doors, etc.	1,176	1,174	337	773	1,110	23	22	32	1	1,188
Stumbling, falling not on car/loco	6,749	6,741	2,001	4,275	6,276	297	46	210	22	6,851
Flying/falling objs, burns, etc.	7,479	7,469	2,194	5,291	7,485	53	4	35	25	7,602
Striking/struck by objs, equip, etc.	1,426	1,420	220	1,181	1,401	8	---	32	2	1,443
Use of tools	5,516	5,516	37	5,557	5,594	8	---	26	---	5,628
Use of shop, bldg, maint equip, etc.	1,395	1,390	3	1,410	1,413	---	---	16	---	1,429
Handling of rails, ties, etc.	5,395	5,395	10	5,455	5,465	---	---	1	---	5,466
Handling of other material	4,529	4,528	106	4,456	4,562	4	---	37	---	4,603
Motor vehicles other than GTR	653	643	105	735	843	36	1	25	9	914
Assaults to persons	214	211	85	114	199	8	3	8	1	219
Miscellaneous	9,098	8,950	2,093	6,340	8,433	105	58	550	144	9,290
<b>TOTAL.....</b>	<b>50,535</b>	<b>50,337</b>	<b>12,391</b>	<b>36,922</b>	<b>49,313</b>	<b>570</b>	<b>296</b>	<b>1,011</b>	<b>214</b>	<b>51,404</b>
<b>GRAND TOTAL</b>	<b>73,151</b>	<b>71,819</b>	<b>19,776</b>	<b>38,113</b>	<b>57,889</b>	<b>588</b>	<b>999</b>	<b>5,143</b>	<b>768</b>	<b>65,387</b>

TABLE 101-C FATALITIES FOR RAPID TRANSIT RAILROADS BY CLASS OF ACCIDENT, 1976

	Total acci- dents	Fatal acci- dents	....Employees on duty..... Trainmen	Other	Empl not on duty	Passen- gers	Non tres- passers	Tres- passers	Total Killed
TRAIN ACCIDENTS									
Collisions	31	1	---	---	---	1	---	---	1
Derailements	26	---	---	---	---	---	---	---	---
Other train accidents	18	---	---	---	---	1	---	---	---
TOTAL.....	75	1	---	---	---	1	---	---	1
TRAIN INCIDENTS									
Coupling accidents	4	1	1	---	1	---	---	---	1
Operating locomotives	8	---	---	---	---	---	---	---	---
Operating handbrakes	1	---	---	---	---	---	---	---	---
Operating switches	---	---	---	---	---	---	---	---	---
Striking fixed structures	1	---	---	---	---	---	---	---	---
Getting on or off trains	120	1	---	---	---	1	---	---	1
Highway grade accidents	4	---	---	---	---	---	---	---	---
Struck or run over	126	45	---	---	---	2	2	41	45
Miscellaneous	1,249	7	---	---	---	8	---	---	8
TOTAL.....	1,513	54	1	---	1	11	2	41	55
NONTRAIN INCIDENTS									
Coupling accidents	10	---	---	---	---	---	---	---	---
Operating locomotives	28	---	---	---	---	---	---	---	---
Operating handbrakes	2	---	---	---	---	---	---	---	---
Operating switches	18	---	---	---	---	---	---	---	---
Striking fixed structures	1	---	---	---	---	---	---	---	---
Getting on or off trains	146	---	---	---	---	---	---	---	---
Highway grade accidents	---	---	---	---	---	---	---	---	---
Struck or run over	16	6	---	---	---	---	---	6	6
Miscellaneous	5,868	18	---	1	1	---	10	7	18
TOTAL.....	6,113	24	---	1	1	---	10	13	24
GRAND TOTAL	7,701	79	1	1	2	12	12	54	80

TABLE 101-D NONFATAL CASUALTIES FOR RAPID TRANSIT RAILROADS BY CLASS OF ACCIDENT, 1976

	Total acci- dents	Injury acci- dents	....Employees on duty..... Trainmen	Other	Empl not on duty	Passen- gers	Non tres- passers	Tres- passers	Total Injured
TRAIN ACCIDENTS									
Collisions	31	8	12	---	12	1	454	---	467
Derailements	26	4	2	1	3	---	1	---	4
Other train accidents	16	1	---	1	1	---	---	---	1
TOTAL.....	75	13	14	2	16	1	455	---	472
TRAIN INCIDENTS									
Coupling accidents	4	3	3	---	3	---	---	---	3
Operating locomotives	8	8	6	1	7	---	1	---	8
Operating handbrakes	1	1	1	---	1	---	---	---	1
Operating switches	---	---	---	---	---	---	---	---	---
Striking fixed structures	1	1	1	---	1	---	---	---	1
Getting on or off trains	120	119	3	1	4	113	1	1	119
Highway grade accidents	4	4	1	---	1	---	---	---	4
Struck or run over	126	81	3	1	4	4	40	35	83
Miscellaneous	1,249	1,240	268	154	422	669	4	---	1,295
TOTAL.....	1,513	1,457	286	157	443	987	46	38	1,514
NONTRAIN INCIDENTS									
Coupling accidents	10	10	5	5	10	---	---	---	10
Operating locomotives	28	28	22	6	28	---	4	---	32
Operating handbrakes	2	2	2	---	2	---	---	---	2
Operating switches	18	18	9	9	18	---	---	---	18
Striking fixed structures	1	1	1	---	1	---	---	---	1
Getting on or off trains	146	146	50	32	82	40	26	2	150
Highway grade accidents	---	---	---	---	---	---	---	---	---
Struck or run over	16	10	2	4	6	1	1	2	10
Miscellaneous	5,868	5,862	341	3,257	3,598	2	119	2,027	5,955
TOTAL.....	6,113	6,077	432	3,313	3,745	2	164	2,058	6,178
GRAND TOTAL	7,701	7,547	732	3,472	4,204	3	1,606	2,100	8,164

TABLE 102-A FATALITIES IN CLASS I AND CLASS II ACCIDENTS RESULTING FROM HUMAN FACTORS  
BY SPECIFIC CAUSE, 1976

Cause No.	Causes	Total Accidents	....Employees on duty.... Trainmen	Other	Total	Empl not on duty	Passen- gers	Non tres- passers	Tres- passers	Total killed
BRAKES, USE OF										
500	AUTOMATIC BRAKE, IMPROPER USE.....	24	---	---	---	---	---	---	---	---
501	DYNAMIC BRAKE, IMPROPER USE.....	9	---	---	---	---	---	---	---	---
502	FAILURE TO PROPERLY SECURE ENGINE(S) OR CAR(S) (RAILROAD EMPLOYEES).....	221	---	---	---	---	---	---	---	---
503	FAILURE TO PROPERLY SECURE ENGINE(S) OR CAR(S) (NON RAILROAD EMPLOYEES).....	13	---	---	---	---	---	---	---	---
504	INDEPENDENT (ENGINE) BRAKE, IMPROPER USE.....	16	---	---	---	---	---	---	---	---
509	CAUSE CODE NOT LISTED.....	20	---	---	---	---	---	---	---	---
	SUBTOTAL.....	303	---	---	---	---	---	---	---	---
EMPLOYEE PHYSICAL CONDITION										
510	IMPAIRMENT OF EFFICIENCY AND JUDGMENT DUE TO DRUGS OR ALCOHOL.....	2	---	---	---	---	---	---	---	---
	SUBTOTAL.....	2	---	---	---	---	---	---	---	---
FLAGGING, FIXED, HAND AND RADIO SIGNALS										
519	FIXED SIGNAL IMPROPERLY DISPLAYED.....	2	---	---	---	---	---	---	---	---
520	FIXED SIGNAL, FAILURE TO COMPLY.....	25	4	---	4	---	---	---	---	4
521	FLAGGING, IMPROPER OR FAILURE TO FLAG.....	8	---	---	---	---	---	---	---	---
522	FLAGGING SIGNAL, FAILURE TO COMPLY.....	1	---	---	---	---	---	---	---	---
523	HAND SIGNAL, FAILURE TO COMPLY.....	7	---	---	---	---	---	---	---	---
524	HAND SIGNAL IMPROPER, OR FAILURE TO GIVE.....	8	---	---	---	---	---	---	---	---
525	RADIO SIGNAL, FAILURE TO COMPLY.....	7	---	---	---	---	---	---	---	---
526	RADIO SIGNAL, IMPROPER OR FAILURE TO GIVE.....	10	---	---	---	---	---	---	---	---
529	CAUSE CODE NOT LISTED.....	10	---	---	---	---	---	---	---	---
	SUBTOTAL.....	78	4	---	4	---	---	---	---	4
OTHER RULES AND INSTRUCTIONS										
530	CAR(S) SHOVED OUT/LEFT OUT OF CLEAR.....	126	---	---	---	---	---	---	---	---
531	DERAIL, FAILURE TO APPLY.....	10	1	---	1	---	---	---	---	1
532	FAILURE TO STOP TRAIN IN CLEAR.....	98	2	---	2	---	---	---	---	2
534	INSTRUCTION TO TRAIN/YARD CREW IMPROPER.....	24	---	---	---	---	---	---	---	---
535	VIOLATION OF ON-TRACK EQUIPMENT RULES, FAILURE TO COMPLY.....	38	---	6	6	---	---	---	---	6
536	MOVEMENT OF ENGINE(S) OR CAR(S) WITHOUT AUTHORITY (RAILROAD EMPLOYEES).....	18	---	---	---	---	---	---	---	---
537	MOVING MOVEMENT, FAILURE TO PROTECT.....	286	---	---	---	---	---	---	---	---
538	SKATE, FAILURE TO REMOVE.....	5	---	---	---	---	---	---	---	---
539	SPECIAL OPERATING INSTRUCTIONS, FAILURE TO COMPLY.....	32	---	---	---	---	---	---	---	---
540	TRAIN ORDER OR TIMETABLE AUTHORITY, FAILURE TO COMPLY.....	9	---	---	---	---	---	---	---	---
541	TRAIN ORDERS, RADIO, ERROR IN PREPARATION, TRANSMISSION OR DELIVERY.....	3	---	---	---	---	---	---	---	---
542	TRAIN ORDERS, WRITTEN, ERROR IN PREPARATION, TRANSMISSION OR DELIVERY.....	2	---	---	---	---	---	---	---	---
	SUBTOTAL.....	651	3	6	9	---	---	---	---	9
SPEED										
550	COUPLING SPEED EXCESSIVE.....	78	---	---	---	---	---	---	---	---
551	HAND BRAKE, FAILURE TO CONTROL SPEED OF CAR, USING (RAILROAD EMPLOYEE).....	14	---	---	---	---	---	---	---	---
552	HAND BRAKE, FAILURE TO CONTROL SPEED OF CAR, USING (NON-RAILROAD EMPLOYEE).....	3	---	---	---	---	---	---	---	---
553	SWITCH MOVEMENT, EXCESSIVE SPEED OR FAILURE TO CONTROL.....	94	---	---	---	---	---	---	---	---
554	TRAIN INSIDE YARD LIMITS, EXCESSIVE SPEED OR FAILURE TO CONTROL.....	59	---	---	---	---	---	---	---	---
555	TRAIN OUTSIDE YARD LIMITS UNDER CLEAR BLOCK, EXCESSIVE SPEED.....	27	---	---	---	---	---	---	---	---
559	CAUSE CODE NOT LISTED.....	35	---	---	---	---	---	---	---	---
	SUBTOTAL.....	310	---	---	---	---	---	---	---	---
SWITCHES, USE OF										
560	SPRING SWITCH NOT CLEARED BEFORE REVERSING.....	40	---	---	---	---	---	---	---	---
561	SWITCH IMPROPERLY LINED OR LATCHED.....	262	2	---	2	---	---	---	---	2
562	SWITCH PREVIOUSLY RUN THROUGH.....	106	---	---	---	---	---	---	---	---
	SUBTOTAL.....	408	2	---	2	---	---	---	---	2
MISCELLANEOUS										
570	BUFFING OR SLACK ACTION EXCESSIVE.....	327	---	1	1	---	---	---	1	2
571	FAILURE TO COUPLE.....	25	---	---	---	---	---	---	---	---
572	LATERAL DRAWBAR FORCE ON CURVE EXCESSIVE.....	106	---	---	---	---	---	---	---	---
573	MOVING CARS WHILE LOADING RAMP OR BRIDGE PLATE NOT IN PROPER POSITION.....	2	---	---	---	---	---	---	---	---
574	PASSED COUPLERS.....	130	---	---	---	---	---	---	---	---
575	RETARDER, IMPROPER MANUAL OPERATION.....	18	---	---	---	---	---	---	---	---
	SUBTOTAL.....	608	---	1	1	---	---	---	1	2
GRAND TOTAL.....		2360	9	7	16	---	---	---	1	17

TABLE 102-B NONFATAL CASUALTIES IN CLASS I AND CLASS II ACCIDENTS RESULTING FROM HUMAN FACTORS BY SPECIFIC CAUSE, 1976

Cause No.	Causes	Total Accidents	....Employees on duty....			Empl not on duty	Passen- gers	Non tres- passers	Tres- passers	Total injured
			Trainmen	Other	Total					
BRAKES, USE OF										
500	AUTOMATIC BRAKE, IMPROPER USE.....	24	1	---	1	---	---	---	---	1
501	DYNAMIC BRAKE, IMPROPER USE.....	9	---	---	---	---	---	---	---	---
502	FAILURE TO PROPERLY SECURE ENGINE(S) OR CAR(S) (RAILROAD EMPLOYEES).....	221	3	---	3	---	---	---	---	3
503	FAILURE TO PROPERLY SECURE ENGINE(S) OR CAR(S) (NON RAILROAD EMPLOYEES).....	13	1	---	1	---	---	---	---	1
504	INDEPENDENT (ENGINE) BRAKE, IMPROPER USE.....	16	5	---	5	---	---	1	---	6
509	CAUSE CODE NOT LISTED.....	20	---	---	---	---	---	---	---	---
	SUBTOTAL.....	303	10	---	10	---	---	1	---	11
EMPLOYEE PHYSICAL CONDITION										
510	IMPAIRMENT OF EFFICIENCY AND JUDGMENT DUE TO DRUGS OR ALCOHOL.....	2	---	---	---	---	---	---	---	---
	SUBTOTAL.....	2	---	---	---	---	---	---	---	---
FLAGGING, FIXED, HAND AND RADIO SIGNALS										
518	FIXED SIGNAL IMPROPERLY DISPLAYED.....	2	2	---	2	---	---	---	---	2
520	FIXED SIGNAL, FAILURE TO COMPLY.....	25	18	---	18	---	49	---	---	67
521	FLAGGING, IMPROPER OR FAILURE TO FLAG.....	8	3	4	7	---	---	---	---	7
522	FLAGGING SIGNAL, FAILURE TO COMPLY.....	1	---	---	---	---	---	---	---	---
523	HAND SIGNAL, FAILURE TO COMPLY.....	7	1	---	1	---	---	---	---	1
524	HAND SIGNAL IMPROPER, OR FAILURE TO GIVE.....	8	5	---	5	---	---	---	---	5
525	RADIO SIGNAL, FAILURE TO COMPLY.....	7	---	---	---	---	---	---	---	---
526	RADIO SIGNAL, IMPROPER OR FAILURE TO GIVE.....	10	5	---	5	---	---	---	---	5
529	CAUSE CODE NOT LISTED.....	10	1	---	1	---	---	---	---	1
	SUBTOTAL.....	78	35	4	39	---	49	---	---	88
OTHER RULES AND INSTRUCTIONS										
530	CAR(S) SHOVED OUT/LEFT OUT OF CLEAR.....	126	3	---	3	---	---	---	---	3
531	DERAIL, FAILURE TO APPLY.....	10	---	---	---	---	---	---	---	---
532	FAILURE TO STOP TRAIN IN CLEAR.....	98	12	1	13	---	---	---	---	13
534	INSTRUCTION TO TRAIN/YARD CREW IMPROPER.....	24	8	---	8	---	---	---	---	8
535	MOTOR CAR OR ON-TRACK EQUIPMENT RULES, FAILURE TO COMPLY.....	38	---	12	12	---	---	---	---	12
536	MOVEMENT OF ENGINE(S) OR CAR(S) WITHOUT AUTHORITY (RAILROAD EMPLOYEE).....	18	---	---	---	---	---	---	---	---
537	MOVING MOVEMENT, FAILURE TO PROTECT.....	286	4	---	4	---	---	---	---	4
538	SKATE, FAILURE TO REMOVE.....	5	---	---	---	---	---	---	---	---
539	SPECIAL OPERATING INSTRUCTIONS, FAILURE TO COMPLY.....	32	1	---	1	---	---	---	---	1
540	TRAIN ORDER OR TIMETABLE AUTHORITY, FAILURE TO COMPLY.....	9	6	1	7	---	---	---	---	7
541	TRAIN ORDERS, RADIO, ERROR IN PREPARATION, TRANSMISSION OR DELIVERY.....	3	---	1	1	---	---	---	---	1
542	TRAIN ORDERS, WRITTEN, ERROR IN PREPARATION, TRANSMISSION OR DELIVERY.....	2	---	---	---	---	---	---	---	---
	SUBTOTAL.....	651	34	15	49	---	---	---	---	49
SPEED										
550	COUPLING SPEED EXCESSIVE.....	78	4	1	5	---	---	---	---	5
551	HAND BRAKE, FAILURE TO CONTROL SPEED OF CAR, USING (RAILROAD EMPLOYEE).....	14	4	---	4	---	---	---	---	4
552	HAND BRAKE, FAILURE TO CONTROL SPEED OF CAR, USING (NON-RAILROAD EMPLOYEE).....	3	---	---	---	---	---	---	---	---
553	SWITCH MOVEMENT, EXCESSIVE SPEED OR FAILURE TO CONTROL.....	94	5	4	9	---	---	---	---	9
554	TRAIN INSIDE YARD LIMITS, EXCESSIVE SPEED OR FAILURE TO CONTROL.....	59	13	3	16	---	---	---	---	16
555	TRAIN OUTSIDE YARD LIMITS UNDEF CLEAR BLOCK, EXCESSIVE SPEED.....	27	---	2	2	---	---	---	---	2
559	CAUSE CODE NOT LISTED.....	35	4	2	6	---	---	---	---	6
	SUBTOTAL.....	310	30	12	42	---	---	---	---	42
SWITCHES, USE OF										
560	SPRING SWITCH NOT CLEARED BEFORE REVERSING.....	40	---	---	---	---	---	---	---	---
561	SWITCH IMPROPERLY LINED OR LATCHED.....	262	22	5	27	---	---	---	---	27
562	SWITCH PREVIOUSLY RUN THROUGH.....	106	---	1	1	---	---	---	---	1
	SUBTOTAL.....	408	22	6	28	---	---	---	---	28
MISCELLANEOUS										
570	BUFFING OR SLACK ACTION EXCESSIVE.....	327	8	---	8	---	---	---	---	8
571	FAILURE TO COUPLE.....	25	2	1	3	---	---	---	---	3
572	LATERAL DRAWBAR FORCE ON CURVE EXCESSIVE.....	106	2	---	2	---	---	---	---	2
573	MOVING CARS WHILE LOADING RAMP OR BRIDGE PLATE NOT IN PROPER POSITION.....	2	---	---	---	---	---	---	---	---
574	PASSED COUPLERS.....	130	2	---	2	---	---	---	---	2
575	RETARDER, IMPROPER MANUAL OPERATION.....	18	---	---	---	---	---	---	---	---
	SUBTOTAL.....	608	14	1	15	---	---	---	---	15
	GRAND TOTAL.....	2360	145	38	183	---	49	1	---	233

TABLE 102-C NUMBER OF CLASS I AND CLASS II ACCIDENTS RESULTING FROM HUMAN FACTORS BY SPECIFIC CAUSE, 1976

Cause No.	Causes	Collisions	Derailments	Other	Total
BRAKES, USE OF					
500	AUTOMATIC BRAKE, IMPROPER USE	2	21	1	24
501	DYNAMIC BRAKE, IMPROPER USE	---	9	---	9
502	FAILURE TO PROPERLY SECURE ENGINE(S) OR CAR(S) (RAILROAD EMPLOYEES)	171	46	4	221
503	FAILURE TO PROPERLY SECURE ENGINE(S) OR CAR(S) (NON RAILROAD EMPLOYEES)	8	5	---	13
504	INDEPENDENT (ENGINE) BRAKE, IMPROPER USE	5	10	1	16
509	CAUSE CODE NOT LISTED	8	10	2	20
SUBTOTAL.....		194	101	8	303
EMPLOYEE PHYSICAL CONDITION					
510	IMPAIRMENT OF EFFICIENCY AND JUDGMENT DUE TO DRUGS OR ALCOHOL	1	1	---	2
SUBTOTAL.....		1	1	---	2
FLAGGING, FIXED, HAND AND RADIO SIGNALS					
519	FIXED SIGNAL IMPROPERLY DISPLAYED	1	1	---	2
520	FIXED SIGNAL, FAILURE TO COMPLY	17	5	3	25
521	FLAGGING, IMPROPER OR FAILURE TO FLAG	4	1	3	8
522	FLAGGING SIGNAL, FAILURE TO COMPLY	1	---	---	1
523	HAND SIGNAL, FAILURE TO COMPLY	7	---	---	7
524	HAND SIGNAL IMPROPER, OR FAILURE TO GIVE	7	---	1	8
525	RADIO SIGNAL, FAILURE TO COMPLY	5	1	1	7
526	RADIO SIGNAL, IMPROPER OR FAILURE TO GIVE	4	6	---	10
529	CAUSE CODE NOT LISTED	5	3	2	10
SUBTOTAL.....		51	17	10	78
OTHER RULES AND INSTRUCTIONS					
530	CAR(S) SHOWN OUT/LEFT OUT OF CLEAR	100	22	4	126
531	DERAIL, FAILURE TO APPLY	1	8	1	10
532	FAILURE TO STOP TRAIN IN CLEAR	86	11	1	98
534	INSTRUCTION TO TRAIN/YARD CREW IMPROPER	18	6	---	24
535	MOTOR CAR OR ON-TRACK EQUIPMENT RULES, FAILURE TO COMPLY	27	---	11	38
536	MOVEMENT OF ENGINE(S) OR CAR(S) WITHOUT AUTHORITY (RAILROAD EMPLOYEES)	16	2	---	18
537	MOVING MOVEMENT, FAILURE TO PROTECT	219	59	8	286
538	SKATE, FAILURE TO REMOVE	1	4	---	5
539	SPECIAL OPERATING INSTRUCTIONS, FAILURE TO COMPLY	13	15	4	32
540	TRAIN ORDER OR TIMETABLE AUTHORITY, FAILURE TO COMPLY	6	2	1	9
541	TRAIN ORDERS, RADIO, ERROR IN PREPARATION, TRANSMISSION OR DELIVERY	2	1	---	3
542	TRAIN ORDERS, WRITTEN, ERROR IN PREPARATION, TRANSMISSION OR DELIVERY	1	1	---	2
SUBTOTAL.....		490	131	30	651
SPEED					
550	COUPLING SPEED EXCESSIVE	39	22	17	78
551	HAND BRAKE, FAILURE TO CONTROL SPEED OF CAR, USING (RAILROAD EMPLOYEE)	7	5	2	14
552	HAND BRAKE, FAILURE TO CONTROL SPEED OF CAR, USING (NON-RAILROAD EMPLOYEE)	1	1	1	3
553	SWITCH MOVEMENT, EXCESSIVE SPEED OR FAILURE TO CONTROL	53	33	8	94
554	TRAIN INSIDE YARD LIMITS, EXCESSIVE SPEED OR FAILURE TO CONTROL	34	22	3	59
555	TRAIN OUTSIDE YARD LIMITS UNDER CLEAR BLOCK, EXCESSIVE SPEED	1	26	---	27
559	CAUSE CODE NOT LISTED	10	24	1	35
SUBTOTAL.....		145	133	32	310
SWITCHES, USE OF					
560	SPRING SWITCH NOT CLEARED BEFORE REVERSING	1	39	---	40
561	SWITCH IMPROPERLY LINED OR LATCHED	103	153	6	262
562	SWITCH PREVIOUSLY RUN THROUGH	3	103	---	106
SUBTOTAL.....		107	295	6	408
MISCELLANEOUS					
570	BOFFING OR SLACK ACTION EXCESSIVE	---	327	---	327
571	FAILURE TO COUPLE	13	12	---	25
572	LATERAL DRAWBAR FORCE ON CURVE EXCESSIVE	1	104	1	106
573	MOVING CARS WHILE LOADING RAMP OR BRIDGE PLATE NOT IN PROPER POSITION	---	1	1	2
574	PASSED COUPLERS	24	101	5	130
575	RETARDER, IMPROPER MANUAL OPERATION	10	6	2	18
SUBTOTAL.....		48	551	9	608
GRAND TOTAL.....		1,036	1,229	95	2,360



TABLE 102-D FATALITIES IN RAPID TRANSIT ACCIDENTS RESULTING FROM HUMAN FACTORS  
BY SPECIFIC CAUSE, 1976

Cause No.	Causes	Total Accidents	....Employees on duty....		Empl not on duty	Passen- gers	Non tres- passers	Tres- passers	Total killed
			Trainmen	Other					
	BRAKES, USE OF								
509	CAUSE CODE NOT LISTED.....	5	---	---	---	---	---	---	---
	SUBTOTAL.....	5	---	---	---	---	---	---	---
	FLAGGING, FIXED, HAND AND RADIO SIGNALS								
52C	FIXED SIGNAL, FAILURE TO COMPLY.....	4	---	---	---	---	---	---	---
529	CAUSE CODE NOT LISTED.....	1	---	---	---	---	---	---	---
	SUBTOTAL.....	5	---	---	---	---	---	---	---
	OTHER RULES AND INSTRUCTIONS								
532	FAILURE TO STOP TRAIN IN CLEAR.....	2	---	---	---	---	---	---	---
533	HAZARDOUS MATERIALS REGULATIONS, FAILURE TO COMPLY.....	2	---	---	---	---	---	---	---
	SUBTOTAL.....	4	---	---	---	---	---	---	---
	SPEED								
550	COUPLING SPEED EXCESSIVE.....	1	---	---	---	---	---	---	---
553	SWITCH MOVEMENT, EXCESSIVE SPEED OR FAILURE TO CONTROL.....	2	---	---	---	---	---	---	---
554	TRAIN INSIDE YARD LIMITS, EXCESSIVE SPEED OR FAILURE TO CONTROL.....	5	---	---	---	---	---	---	---
555	TRAIN OUTSIDE YARD LIMITS UNDEF CLEAR BLOCK, EXCESSIVE SPEED.....	1	---	---	---	---	---	---	---
559	CAUSE CODE NOT LISTED.....	3	---	---	---	1	---	---	1
	SUBTOTAL.....	12	---	---	---	1	---	---	1
	SWITCHES, USE OF								
561	SWITCH IMPROPERLY LINED OR LATCHED.....	2	---	---	---	---	---	---	---
562	SWITCH PREVIOUSLY RUN THROUGH.....	2	---	---	---	---	---	---	---
	SUBTOTAL.....	4	---	---	---	---	---	---	---
	GRAND TOTAL.....	30	---	---	---	1	---	---	1

TABLE 102-B NONFATAL CASUALTIES IN RAPID TRANSIT ACCIDENTS RESULTING FROM HUMAN FACTORS BY SPECIFIC CAUSE, 1976

Cause No.	Causes	Total Accidents	....Employees on duty....		Empl not on duty	Passen- gers	Non tres- passers	Tres- passers	Total injured
			Trainees	Other					
BRAKES, USE OF									
509	CAUSE CODE NOT LISTED.....	5	---	---	---	---	---	---	---
	SUBTOTAL.....	5	---	---	---	---	---	---	---
FLAGGING, FIXED, HAND AND RADIO SIGNALS									
520	FIXED SIGNAL, FAILURE TO COMPLY.....	4	2	---	2	---	---	---	2
529	CAUSE CODE NOT LISTED.....	1	---	---	---	---	---	---	---
	SUBTOTAL.....	5	2	---	2	---	---	---	2
OTHER RULES AND INSTRUCTIONS									
532	FAILURE TO STOP TRAIN IN CLEAR.....	2	---	---	---	1	---	---	1
533	HAZARDOUS MATERIALS REGULATIONS, FAILURE TO COMPLY.....	2	---	---	---	---	---	---	---
	SUBTOTAL.....	4	---	---	---	1	---	---	1
SPEED									
550	COUPLING SPEED EXCESSIVE.....	1	---	---	---	---	---	---	---
553	SWITCH MOVEMENT, EXCESSIVE SPEED OR FAILURE TO CONTROL.....	2	1	---	1	---	---	---	1
554	TRAIN INSIDE YARD LIMITS, EXCESSIVE SPEED OR FAILURE TO CONTROL.....	5	1	---	1	---	---	---	1
555	TRAIN OUTSIDE YARD LIMITS UNDER CLEAR BLOCK, EXCESSIVE SPEED.....	1	---	1	1	---	---	---	1
559	CAUSE CODE NOT LISTED.....	3	6	---	6	---	453	---	459
	SUBTOTAL.....	12	8	1	9	---	453	---	462
SWITCHES, USE OF									
561	SWITCH IMPROPERLY LINED OR LATCHED.....	2	---	---	---	---	---	---	---
562	SWITCH PREVIOUSLY RUN THROUGH.....	2	1	---	1	---	---	---	1
	SUBTOTAL.....	4	1	---	1	---	---	---	1
GRAND TOTAL.....		30	11	1	17	1	453	---	466

TABLE 102-F NUMBER OF RAPID TRANSIT ACCIDENTS RESULTING FROM HUMAN FACTORS BY SPECIFIC CAUSE, 1976

Cause No.	Causes	Collis- ions	Derail- ments	Other	Total
509	CAUSE CODE NOT LISTED	4	---	1	5
	SUBTOTAL.....	4	---	1	5
FLAGGING, FIXED, HAND AND RADIO SIGNALS					
520	FIXED SIGNAL, FAILURE TO COMPLY	1	2	1	4
529	CAUSE CODE NOT LISTED	1	---	---	1
	SUBTOTAL.....	2	2	1	5
OTHER RULES AND INSTRUCTIONS					
532	FAILURE TO STOP TRAIN IN CLEAR	2	---	---	2
533	HAZARDOUS MATERIALS REGULATIONS, FAILURE TO COMPLY	2	---	---	2
	SUBTOTAL.....	4	---	---	4
SPEED					
550	COUPLING SPEED EXCESSIVE	1	---	---	1
553	SWITCH MOVEMENT, EXCESSIVE SPEED OR FAILURE TO CONTROL	2	---	---	2
554	TRAIN INSIDE YARD LIMITS, EXCESSIVE SPEED OR FAILURE TO CONTROL	4	1	---	5
555	TRAIN OUTSIDE YARD LIMITS UNDER CLEAR BLOCK, EXCESSIVE SPEED	---	1	---	1
559	CAUSE CODE NOT LISTED	3	---	---	3
	SUBTOTAL.....	10	2	---	12
SWITCHES, USE OF					
561	SWITCH IMPROPERLY LINED OR LATCHED	---	2	---	2
562	SWITCH PREVIOUSLY RUN THROUGH	---	2	---	2
	SUBTOTAL.....	---	4	---	4
GRAND TOTAL.....		20	8	2	30

TABLE 103-A FATALITIES IN CLASS I AND CLASS II ACCIDENTS RESULTING FROM MECHANICAL AND ELECTRICAL FAILURES BY SPECIFIC CAUSE, 1976

Cause No.	Causes	Total Accidents	....Employees on duty.... Trainmen	Other	Total	Empl not on duty	Passen- gers	Non tres- passers	Tres- passers	Total killed
BRAKES										
400	AIR OR HYDRAULIC HOSE UNCOUPLED OR BURST.....	62	---	---	---	---	---	---	---	---
400L	AIR OR HYDRAULIC HOSE UNCOUPLED OR BURST (LOCO).....	1	---	---	---	---	---	---	---	---
401	BROKEN BRAKE PIPE OR CONNECTIONS.....	7	---	---	---	---	---	---	---	---
402	DESTRUCTED BRAKE PIPE (CLOSED ANGLE COCK, ICE, ETC.).....	3	---	---	---	---	---	---	---	---
403	OTHER BRAKE COMPONENTS DAMAGED, WORN, BROKEN, DISCONNECTED.....	24	---	---	---	---	---	---	---	---
404	BRAKE VALVE MALFUNCTION (UNDESIRE D EMERGENCY, STUCK BRAKE, ETC.).....	55	---	---	---	---	---	---	---	---
405	RIGGING DOWN OR DRAGGING.....	80	---	---	---	---	---	---	---	---
406	HAND BRAKE (INCLUDING GEAR) BROKEN OR DEFECTIVE.....	19	---	---	---	---	---	---	---	---
407	HAND BRAKE LINKAGE AND/OR CONNECTIONS BROKEN OR DEFECTIVE.....	10	---	---	---	---	---	---	---	---
409	CAUSE NOT LISTED.....	14	---	---	---	---	---	---	---	---
	SUBTOTAL.....	275	---	---	---	---	---	---	---	---
TRAILER OR CONTAINER ON FLATCAR										
410	BROKEN OR DEFECTIVE TIEDOWN EQUIPMENT.....	7	---	---	---	---	---	---	---	---
412	BROKEN OR DEFECTIVE TRAILER.....	2	---	---	---	---	---	---	---	---
419	CAUSE CODE NOT LISTED.....	6	---	---	---	---	---	---	---	---
	SUBTOTAL.....	15	---	---	---	---	---	---	---	---
BODY										
420	BODY BOLSTER BROKEN OR DEFECTIVE.....	24	---	---	---	---	---	---	---	---
421	CENTER SILL BROKEN OR BENT.....	46	---	---	---	---	---	---	---	---
422	DRAFT SILL BROKEN OR BENT.....	13	---	---	---	---	---	---	---	---
423	CENTER PLATE BROKEN.....	46	---	---	---	---	---	---	---	---
424	CENTER PLATE DISENGAGED FROM TRUCK (CAR OFF CENTER).....	58	---	---	---	---	---	---	---	---
425	CENTER PIN BROKEN OR MISSING.....	6	---	---	---	---	---	---	---	---
429	CAUSE CODE NOT LISTED.....	56	---	---	---	---	---	---	---	---
	SUBTOTAL.....	249	---	---	---	---	---	---	---	---
COUPLER AND DRAFT SYSTEM										
430	KNUCKLE BROKEN OR DEFECTIVE.....	44	---	---	---	---	---	---	---	---
431	COUPLER MISMATCH, HIGH/LOW.....	51	---	---	---	---	---	---	---	---
432	COUPLER OR DRAFT HEAD BROKEN OR DEFECTIVE.....	139	---	---	---	---	---	---	---	---
433	COUPLER RETAINER PIN/CROSS KEY MISSING.....	31	---	---	---	---	---	---	---	---
434	DRAFT GEAR/MECHANISM BROKEN OR DEFECTIVE (INCLUDING YOKE).....	50	---	---	---	---	---	---	---	---
435	COUPLER CARRIER BROKEN OR DEFECTIVE.....	18	---	---	---	---	---	---	---	---
439	CAUSE CODE NOT LISTED.....	47	---	---	---	---	---	---	---	---
	SUBTOTAL.....	380	---	---	---	---	---	---	---	---
TRUCK COMPONENTS										
440	SIDE BEARING CLEARANCE IMPROPER.....	165	---	---	---	---	---	---	---	---
441	SIDE BEARING(S) BROKEN OR MISSING.....	70	---	---	---	---	---	---	---	---
442	TRUCK BOLSTER BROKEN.....	35	---	---	---	---	---	---	---	---
443	SIDE FRAME BROKEN.....	11	---	---	---	---	---	---	---	---
449	CAUSE CODE NOT LISTED.....	86	---	---	---	---	---	---	---	---
449L	CAUSE CODE NOT LISTED (LOCO).....	1	---	---	---	---	---	---	---	---
	SUBTOTAL.....	370	---	---	---	---	---	---	---	---
AXLES AND JOURNAL BEARINGS										
450	BROKEN OR BENT BETWEEN WHEEL SEATS.....	11	---	---	---	---	---	---	---	---
450L	BROKEN OR BENT BETWEEN WHEEL SEATS (LOCO).....	7	---	---	---	---	---	---	---	---
451	JOURNAL (PLAIN) FAILURE FROM OVERHEATING.....	187	---	---	---	---	---	---	---	---
452	JOURNAL (ROLLER BEARING) FAILURE FROM OVERHEATING.....	69	---	---	---	---	---	---	---	---
452L	JOURNAL (ROLLER BEARING) FAILURE FROM OVERHEATING (LOCO).....	1	---	---	---	---	---	---	---	---
453	JOURNAL FRACTURED, NEW COLD BREAK.....	12	---	---	---	---	---	---	---	---
454	JOURNAL FRACTURED, COLD BREAK (PREVIOUSLY OVERHEATED).....	2	---	---	---	---	---	---	---	---
459	CAUSE CODE NOT LISTED.....	21	---	---	---	---	---	---	---	---
	SUBTOTAL.....	310	---	---	---	---	---	---	---	---
WHEELS										
460	BROKEN FLANGE.....	31	---	---	---	---	---	---	---	---
461	BROKEN RIM.....	44	---	---	---	---	---	---	---	---
461L	BROKEN RIM (LOCO).....	2	---	---	---	---	---	---	---	---
462	BROKEN PLATE.....	53	---	---	---	---	---	---	---	---
462L	BROKEN PLATE (LOCO).....	2	---	---	---	---	---	---	---	---
463	BROKEN HUB.....	17	---	---	---	---	---	---	---	---
464	WORN FLANGE OR TREAD.....	159	---	---	---	---	---	---	---	---
464L	WORN FLANGE OR TREAD (LOCO).....	1	---	---	---	---	---	---	---	---
465	DAMAGED FLANGE OR TREAD, THERMAL/FLAT.....	21	---	---	---	---	---	---	---	---
465L	DAMAGED FLANG OR TREAD, THERMAL/FLAT (LOCO)....	1	---	---	---	---	---	---	---	---
466	LOOSE WHEEL.....	45	---	---	---	---	---	---	---	---
469	CAUSE CODE NOT LISTED.....	34	---	---	---	---	---	---	---	---
469L	CAUSE CODE NOT LISTED (LOCO).....	3	---	---	---	---	---	---	---	---
	SUBTOTAL.....	413	---	---	---	---	---	---	---	---
LOCOMOTIVES										
470L	RUNNING GEAR FAILURE.....	1	---	---	---	---	---	---	---	---
471L	TRACTION MOTOR FAILURE.....	5	---	---	---	---	---	---	---	---
472L	CRANK CASE OR AIR BOX EXPLOSION.....	9	---	---	---	---	---	---	---	---
473L	OIL FIRE.....	12	---	---	---	---	---	---	---	---
474L	ELECTRICALLY CAUSED FIRE.....	55	---	---	---	---	---	---	---	---
475L	CURRENT COLLECTOR SYSTEM.....	7	---	---	---	---	---	---	---	---
475L	REMOTE CONTROL EQUIPMENT IMPROPER.....	1	---	---	---	---	---	---	---	---
475L	CAUSE CODE NOT LISTED.....	32	---	---	---	---	1	---	---	1
	SUBTOTAL.....	122	---	---	---	---	1	---	---	1
GENERAL MECHANICAL AND ELECTRICAL FAILURES										
499	CAUSE CODE AND DEVICE NOT LISTED.....	36	---	1	1	---	---	---	---	1
499L	CAUSE CODE AND DEVICE NOT LISTED (LOCO).....	4	---	---	---	---	---	---	---	---
	SUBTOTAL.....	40	---	1	1	---	---	---	---	1
GRAND TOTAL.....		2174	---	1	1	---	1	---	---	2

TABLE 103-B NONFATAL CASUALTIES IN CLASS I AND CLASS II ACCIDENTS RESULTING FROM MECHANICAL AND ELECTRICAL FAILURES BY SPECIFIC CAUSE, 1976

Case No.	Causes	Total Accidents	....Employees on duty.... Trainmen	Other	Total	Empl not on duty	Passen- gers	Non tres- passers	Tres- passers	Total injured
<b>BRAKES</b>										
400	AIR OR HYDRAULIC HOSE UNCOUPLED OR BURST.....	62	---	---	---	---	---	---	---	---
400L	(LOCO).....	1	---	---	---	---	---	---	---	---
401	BROKEN BRAKE PIPE OR CONNECTIONS.....	7	---	---	---	---	---	---	---	---
402	OBSTRUCTED BRAKE PIPE (CLOSED ANGLE COCK, ICE, ETC.).....	3	2	---	2	---	---	---	---	2
403	OTHER BRAKE COMPONENTS DAMAGED, WORN, BROKEN, DISCONNECTED.....	24	---	---	---	---	---	---	---	---
404	BRAKE VALVE MALFUNCTION (UNDESIREB EMBEGERNCY, STUCK BRAKE, ETC.).....	55	4	---	4	---	---	---	---	4
405	RIGGING DOWN OR DRAGGING.....	80	4	---	4	---	---	---	---	4
406	HAND BRAKE (INCLUDING GEAR) BROKEN OR DEFECTIVE.....	19	---	---	---	---	---	---	---	---
407	HAND BRAKE LINKAGE AND/OR CONNECTIONS BROKEN OR DEFECTIVE.....	10	3	---	3	---	---	---	---	3
409	CAUSE NOT LISTED.....	14	---	---	---	---	---	---	---	---
	<b>SUBTOTAL.....</b>	<b>275</b>	<b>13</b>	<b>---</b>	<b>13</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>13</b>
<b>TRAILER OR CONTAINER ON FLATCAR</b>										
410	BROKEN OR DEFECTIVE TIEDOWN EQUIPMENT.....	7	1	---	1	---	---	---	---	1
412	BROKEN OR DEFECTIVE TRAILER.....	2	---	---	---	---	---	---	---	---
419	CAUSE CODE NOT LISTED.....	6	2	---	2	---	---	---	---	2
	<b>SUBTOTAL.....</b>	<b>15</b>	<b>3</b>	<b>---</b>	<b>3</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>3</b>
<b>BODY</b>										
420	BODY BOLSTER BROKEN OR DEFECTIVE.....	24	1	---	1	---	---	---	---	1
421	CENTER STILL BROKEN OR BENT.....	46	1	---	1	---	---	---	---	1
422	DRAFT SILL BROKEN OR BENT.....	13	---	---	---	---	---	---	---	---
423	CENTER PLATE BROKEN.....	46	4	5	9	---	---	---	---	9
424	CENTER PLATE DISENGAGED FROM TRUCK (CAR OFF CENTER).....	58	---	2	2	---	---	2	---	4
425	CENTER PIN BROKEN OR MISSING.....	6	---	---	---	---	---	---	---	---
429	CAUSE CODE NOT LISTED.....	56	1	---	1	---	---	---	---	1
	<b>SUBTOTAL.....</b>	<b>249</b>	<b>7</b>	<b>7</b>	<b>14</b>	<b>---</b>	<b>---</b>	<b>2</b>	<b>---</b>	<b>16</b>
<b>COUPLER AND DRAFT SYSTEM</b>										
430	KNUCKLE BROKEN OR DEFECTIVE.....	44	---	---	---	---	---	---	---	---
431	COUPLER MISMATCH, HIGH/LOW.....	51	1	---	1	---	---	---	---	1
432	COUPLER OR DRAWHEAD BROKEN OR DEFECTIVE.....	139	7	---	7	1	---	---	1	9
433	COUPLER RETAINER PIN/CROSS KEY MISSING.....	31	3	---	3	---	---	---	---	3
434	DRAFT GEAR/GEARWORM BROKEN OR DEFECTIVE (INCLUDING YOKE).....	50	---	---	---	---	---	---	---	---
435	COUPLER CARRIER BROKEN OR DEFECTIVE.....	18	3	---	3	---	---	---	---	3
439	CAUSE CODE NOT LISTED.....	47	1	1	2	---	---	---	---	2
	<b>SUBTOTAL.....</b>	<b>360</b>	<b>15</b>	<b>1</b>	<b>16</b>	<b>1</b>	<b>---</b>	<b>---</b>	<b>1</b>	<b>18</b>
<b>TRUCK COMPONENTS</b>										
440	SIDE BEARING CLEARANCE IMPROPER.....	165	3	---	3	---	---	---	---	3
441	SIDE BEARING(S) BROKEN OR HISsing.....	70	---	---	---	---	---	---	---	---
442	TRUCK BOLSTER BROKEN.....	35	---	---	---	---	---	---	---	---
443	SIDE FRAME BROKEN.....	11	---	---	---	---	---	---	---	---
449	CAUSE CODE NOT LISTED.....	88	1	---	1	---	51	---	---	52
449L	CAUSE CODE NOT LISTED (LOCO).....	1	---	---	---	---	---	---	---	---
	<b>SUBTOTAL.....</b>	<b>370</b>	<b>4</b>	<b>---</b>	<b>4</b>	<b>---</b>	<b>51</b>	<b>---</b>	<b>---</b>	<b>55</b>
<b>AXLES AND JOURNAL BEARINGS</b>										
450	BROKEN OR BENT BETWEEN WHEEL SEATS.....	11	---	---	---	---	---	---	---	---
450L	BROKEN OR BENT BETWEEN WHEEL SEATS (LOCO).....	7	---	---	---	---	---	---	---	---
451	JOURNAL (PLAIN) FAILURE FROM OVERHEATING.....	187	5	---	5	---	---	---	---	5
452	JOURNAL (ROLLER BEARING) FAILURE FROM OVERHEATING.....	69	1	---	1	---	---	---	---	1
452L	JOURNAL (ROLLER BEARING) FAILURE FROM OVERHEATING (LOCO).....	1	---	---	---	---	---	---	---	---
453	JOURNAL FRACTURED, NEW COLD BREAK.....	12	---	---	---	---	---	---	---	---
454	JOURNAL FRACTURED, COLD BREAK (PREVIOUSLY OVERHEATED).....	2	---	---	---	---	---	---	---	---
459	CAUSE CODE NOT LISTED.....	21	---	---	---	---	1	---	---	1
	<b>SUBTOTAL.....</b>	<b>310</b>	<b>6</b>	<b>---</b>	<b>6</b>	<b>---</b>	<b>1</b>	<b>---</b>	<b>---</b>	<b>7</b>
<b>WHEELS</b>										
460	BROKEN FLANGE.....	31	2	---	2	---	---	---	---	2
461	BROKEN RIM.....	44	---	---	---	---	---	---	---	---
461L	BROKEN RIM (LOCO).....	2	---	---	---	---	---	---	---	---
462	BROKEN PLATE.....	53	4	---	4	---	---	---	---	4
462L	BROKEN PLATE (LOCO).....	2	---	---	---	---	---	---	---	---
463	BROKEN HUB.....	17	---	---	---	---	---	---	---	---
464	WORN FLANGE OR TREAD.....	159	---	---	---	---	1	---	---	1
464L	WORN FLANGE OR TREAD (LOCO).....	1	---	---	---	---	---	---	---	---
465	DAMAGED FLANGE OR TREAD, THERMAL/FLAT.....	21	---	---	---	---	---	---	---	---
465L	DAMAGED FLANG OR TREAD, THERMAL/FLAT (LOCO).....	1	---	---	---	---	---	---	---	---
466	LOOSE WHEEL.....	45	3	1	4	---	4	---	---	8
469	CAUSE CODE NOT LISTED.....	34	---	---	---	---	---	---	---	---
469L	CAUSE CODE NOT LISTED (LOCO).....	3	---	---	---	---	---	---	---	---
	<b>SUBTOTAL.....</b>	<b>413</b>	<b>9</b>	<b>1</b>	<b>10</b>	<b>---</b>	<b>4</b>	<b>1</b>	<b>---</b>	<b>15</b>
<b>LOCOMOTIVES</b>										
470L	RUNNING GEAR FAILURE.....	1	---	---	---	---	---	---	---	---
471L	TRACTION MOTOR FAILURE.....	5	2	---	2	---	---	---	---	2
472L	CRANK CASE OR AIR BOX EXPLOSION.....	9	---	---	---	---	---	---	---	---
473L	OIL FIRE.....	12	---	---	---	---	---	---	---	---
474L	ELECTRICALLY CAUSED FIRE.....	55	4	---	4	---	---	---	---	4
475L	CURRENT COLLECTOR SYSTEM.....	7	---	---	---	---	---	---	---	---
476L	REMOTE CONTROL EQUIPMENT INOPERATIVE.....	1	2	---	2	---	---	---	---	2
479L	CAUSE CODE NOT LISTED.....	32	4	---	4	---	7	---	---	11
	<b>SUBTOTAL.....</b>	<b>122</b>	<b>12</b>	<b>---</b>	<b>12</b>	<b>---</b>	<b>7</b>	<b>---</b>	<b>---</b>	<b>19</b>
<b>GENERAL MECHANICAL AND ELECTRICAL FAILURES</b>										
499	CAUSE CODE AND DEVICE NOT LISTED.....	36	2	6	8	---	---	1	---	9
499L	CAUSE CODE AND DEVICE NOT LISTED (LOCO).....	4	---	---	---	---	---	---	---	---
	<b>SUBTOTAL.....</b>	<b>40</b>	<b>2</b>	<b>6</b>	<b>8</b>	<b>---</b>	<b>---</b>	<b>1</b>	<b>---</b>	<b>9</b>
	<b>GRAND TOTAL.....</b>	<b>2174</b>	<b>71</b>	<b>15</b>	<b>86</b>	<b>1</b>	<b>63</b>	<b>4</b>	<b>1</b>	<b>155</b>

TABLE 103-C NUMBER OF CLASS I AND CLASS II ACCIDENTS RESULTING FROM MECHANICAL AND ELECTRICAL FAILURES BY SPECIFIC CAUSE, 1976

Cause No.	Causes	Collisions	Derailments	Other	Total
<b>BRAKES</b>					
400	AIR OR HYDRAULIC HOSE UNCOUPLED OR BURST.....	4	54	4	62
400L	AIR OR HYDRAULIC HOSE UNCOUPLED OR BURST (LOCO).....	---	1	---	1
401	BROKEN BRAKE PIPE OR CONNECTIONS.....	2	5	---	7
402	OBSTRUCTED BRAKE PIPE (CLOSED ANGLE COCK, ICE, ETC.).....	1	2	---	3
403	OTHER BRAKE COMPONENTS DAMAGED, WORN, BROKEN, DISCONNECTED.....	2	17	5	24
404	BRAKE VALVE MALFUNCTION (UNDESIRED EMERGENCY, STUCK BRAKE, ETC.).....	1	39	15	55
405	RIGGING DOWN OR DRAGGING.....	---	78	2	80
406	HAND BRAKE (INCLUDING GEAR) BROKEN OR DEFECTIVE.....	8	7	4	19
407	HAND BRAKE LINKAGE AND/OR CONNECTIONS BROKEN OR DEFECTIVE.....	4	5	1	10
409	CAUSE NOT LISTED.....	4	7	3	14
	<b>SUBTOTAL.....</b>	<b>26</b>	<b>215</b>	<b>34</b>	<b>275</b>
<b>TRAILER OR CONTAINER ON FLATCAR</b>					
410	BROKEN OR DEFECTIVE TIEDOWN EQUIPMENT.....	2	3	2	7
412	BROKEN OR DEFECTIVE TRAILER.....	---	---	2	2
419	CAUSE CODE NOT LISTED.....	---	2	4	6
	<b>SUBTOTAL.....</b>	<b>2</b>	<b>5</b>	<b>8</b>	<b>15</b>
<b>BODY</b>					
420	BODY BOLSTER BROKEN OR DEFECTIVE.....	---	22	2	24
421	CENTER SILL BROKEN OR BENT.....	2	29	15	46
422	DRAFT SILL BROKEN OR BENT.....	1	9	3	13
423	CENTER PLATE BROKEN.....	---	44	2	46
424	CENTER PLATE DISENGAGED FROM TRUCK (CAR OFF CENTER).....	1	57	---	58
425	CENTER PIN BROKEN OR MISSING.....	---	6	---	6
429	CAUSE CODE NOT LISTED.....	---	51	5	56
	<b>SUBTOTAL.....</b>	<b>4</b>	<b>216</b>	<b>27</b>	<b>249</b>
<b>COUPLER AND DRAFT SYSTEM</b>					
430	KNUCKLE BROKEN OR DEFECTIVE.....	9	35	---	44
431	COUPLER MISMATCH, HIGH/LOW.....	7	43	1	51
432	COUPLER OR DRAWBAR BROKEN OR DEFECTIVE.....	7	124	4	139
433	COUPLER RETAINER PIN/CROSS KEY MISSING.....	4	25	2	31
434	DRAFT GEAR/MECHANISM BROKEN OR DEFECTIVE (INCLUDING YOKE).....	1	45	4	50
435	COUPLER CARRIER BROKEN OR DEFECTIVE.....	1	17	---	18
439	CAUSE CODE NOT LISTED.....	11	35	1	47
	<b>SUBTOTAL.....</b>	<b>40</b>	<b>326</b>	<b>12</b>	<b>380</b>
<b>TRUCK COMPONENTS</b>					
440	SIDE BEARING CLEARANCE IMPROPER.....	---	165	---	165
441	SIDE BEARING(S) BROKEN OR MISSING.....	1	69	---	70
442	TRUCK BOLSTER BROKEN.....	---	34	1	35
443	SIDE FRAME BROKEN.....	---	11	---	11
449	CAUSE CODE NOT LISTED.....	1	87	---	88
449L	CAUSE CODE NOT LISTED (LOCO).....	---	1	---	1
	<b>SUBTOTAL.....</b>	<b>2</b>	<b>367</b>	<b>1</b>	<b>370</b>
<b>AXLES AND JOURNAL BEARINGS</b>					
450	BROKEN OR BENT BETWEEN WHEEL SEATS.....	---	10	1	11
450L	BROKEN OR BENT BETWEEN WHEEL SEATS (LOCO).....	---	7	---	7
451	JOURNAL (PLAIN) FAILURE FROM OVERHEATING.....	---	144	3	147
452	JOURNAL (ROLLER BEARING) FAILURE FROM OVERHEATING.....	---	66	3	69
452L	JOURNAL (ROLLER BEARING) FAILURE FROM OVERHEATING (LOCO).....	---	1	---	1
453	JOURNAL FRACTURED, NEW COLD BREAK.....	---	12	---	12
454	JOURNAL FRACTURED, COLD BREAK (PREVIOUSLY OVERHEATED).....	---	2	---	2
459	CAUSE CODE NOT LISTED.....	---	19	2	21
	<b>SUBTOTAL.....</b>	<b>---</b>	<b>301</b>	<b>9</b>	<b>310</b>
<b>WHEELS</b>					
460	BROKEN FLANGE.....	---	30	1	31
461	BROKEN RIM.....	---	44	---	44
461L	BROKEN RIM (LOCO).....	---	2	---	2
462	BROKEN PLATE.....	---	51	2	53
462L	BROKEN PLATE (LOCO).....	---	2	---	2
463	BROKEN HUB.....	---	17	---	17
464	WORN FLANGE OR TREAD.....	2	156	1	159
464L	WORN FLANGE OR TREAD (LOCO).....	---	1	---	1
465	DAMAGED FLANGE OR TREAD, THERMAL/PLAT.....	---	20	1	21
465L	DAMAGED FLANGE OR TREAD, THERMAL/PLAT (LOCO).....	---	1	---	1
466	LOOSE WHEEL.....	1	44	---	45
469	CAUSE CODE NOT LISTED.....	---	30	4	34
469L	CAUSE CODE NOT LISTED (LOCO).....	---	3	---	3
	<b>SUBTOTAL.....</b>	<b>3</b>	<b>401</b>	<b>9</b>	<b>413</b>
<b>LOCOMOTIVES</b>					
470L	RUNNING GEAR FAILURE.....	---	1	---	1
471L	TRACTION MOTOR FAILURE.....	---	---	5	5
472L	CRANK CASE OR AIR BOX EXPLOSION.....	---	1	8	9
473L	OIL FIRE.....	---	1	11	12
474L	ELECTRICALLY CAUSED FIRE.....	---	---	55	55
475L	CURRENT COLLECTOR SYSTEM.....	---	---	7	7
476L	REMOTE CONTROL EQUIPMENT INOPERATIVE.....	1	---	---	1
479L	CAUSE CODE NOT LISTED.....	3	20	9	32
	<b>SUBTOTAL.....</b>	<b>4</b>	<b>23</b>	<b>95</b>	<b>122</b>
<b>GENERAL MECHANICAL AND ELECTRICAL FAILURES</b>					
499	CAUSE CODE AND DEVICE NOT LISTED.....	1	19	16	36
499L	CAUSE CODE AND DEVICE NOT LISTED (LOCO).....	1	1	2	4
	<b>SUBTOTAL.....</b>	<b>2</b>	<b>20</b>	<b>18</b>	<b>40</b>
<b>GRAND TOTAL.....</b>		<b>83</b>	<b>1,878</b>	<b>213</b>	<b>2,174</b>

TABLE 103-D FATALITIES IN RAPID TRANSIT ACCIDENTS RESULTING FROM MECHANICAL AND ELECTRICAL FAILURES BY SPECIFIC CAUSE, 1976

Cause No.	Causes	Total Accidents	Employees on duty Trainmen	Other	Total on duty	Empl not on duty	Passengers	Non trespassers	Trespassers
BRAKES									
403	OTHER BRAKE COMPONENTS DAMAGED, WORN, BROKEN, DISCONNECTED.....	1	---	---	---	---	---	---	---
	SUBTOTAL.....	1	---	---	---	---	---	---	---
COUPLER AND DRAFT SYSTEM									
432	COUPLER OR DRAWHEAD BROKEN OR DEFECTIVE.....	1	---	---	---	---	---	---	---
	SUBTOTAL.....	1	---	---	---	---	---	---	---
AXLES AND JOURNAL BEARINGS									
450L	BROKEN OR BENT BETWEEN WHEEL SEATS (LOCO).....	2	---	---	---	---	---	---	---
	SUBTOTAL.....	2	---	---	---	---	---	---	---
LOCOMOTIVES									
474L	ELECTRICALLY CAUSED FIRE.....	5	---	---	---	---	---	---	---
475L	CURRENT COLLECTOR SYSTEM.....	1	---	---	---	---	---	---	---
	SUBTOTAL.....	6	---	---	---	---	---	---	---
GENERAL MECHANICAL AND ELECTRICAL FAILURES									
499	CAUSE CODE AND DEVICE NOT LISTED.....	6	---	---	---	---	---	---	---
	SUBTOTAL.....	6	---	---	---	---	---	---	---
	GRAND TOTAL.....	16	---	---	---	---	---	---	---

TABLE 103-E NONFATAL CASUALTIES IN RAPID TRANSIT ACCIDENTS RESULTING FROM MECHANICAL AND ELECTRICAL FAILURES BY SPECIFIC CAUSE, 1976

Cause No.	Causes	Total Accidents	Employees on duty Trainmen	Other	Total on duty	Empl not on duty	Passengers	Non trespassers	Trespassers	Total injuries
BRAKES										
403	OTHER BRAKE COMPONENTS DAMAGED, WORN, BROKEN, DISCONNECTED.....	1	---	---	---	---	---	---	---	---
	SUBTOTAL.....	1	---	---	---	---	---	---	---	---
COUPLER AND DRAFT SYSTEM										
432	COUPLER OR DRAWHEAD BROKEN OR DEFECTIVE.....	1	---	---	---	---	---	---	---	---
	SUBTOTAL.....	1	---	---	---	---	---	---	---	---
AXLES AND JOURNAL BEARINGS										
450L	BROKEN OR BENT BETWEEN WHEEL SEATS (LOCO).....	2	---	---	---	---	---	---	---	---
	SUBTOTAL.....	2	---	---	---	---	---	---	---	---
LOCOMOTIVES										
474L	ELECTRICALLY CAUSED FIRE.....	5	---	1	1	---	---	---	---	1
475L	CURRENT COLLECTOR SYSTEM.....	1	---	---	---	---	---	---	---	---
	SUBTOTAL.....	6	---	1	1	---	---	---	---	1
GENERAL MECHANICAL AND ELECTRICAL FAILURES										
499	CAUSE CODE AND DEVICE NOT LISTED.....	6	---	---	---	---	---	---	---	---
	SUBTOTAL.....	6	---	---	---	---	---	---	---	---
	GRAND TOTAL.....	16	---	1	1	---	---	---	---	1

TABLE 103-F NUMBER OF RAPID TRANSIT ACCIDENTS RESULTING FROM MECHANICAL AND ELECTRICAL FAILURES BY SPECIFIC CAUSE, 1976

Cause No.	Causes	Collisions	Derailments	Other	Total
BRAKES					
403	OTHER BRAKE COMPONENTS DAMAGED, WORN, BROKEN, DISCONNECTED.....	---	1	---	1
	SUBTOTAL.....	---	1	---	1
COUPLER AND DRAFT SYSTEM					
432	COUPLER OR DRAWHEAD BROKEN OR DEFECTIVE.....	1	---	---	1
	SUBTOTAL.....	1	---	---	1
AXLES AND JOURNAL BEARINGS					
450L	BROKEN OR BENT BETWEEN WHEEL SEATS (LOCO).....	---	2	---	2
	SUBTOTAL.....	---	2	---	2
LOCOMOTIVES					
474L	ELECTRICALLY CAUSED FIRE.....	---	---	5	5
475L	CURRENT COLLECTOR SYSTEM.....	---	---	1	1
	SUBTOTAL.....	---	---	6	6
GENERAL MECHANICAL AND ELECTRICAL FAILURES					
499	CAUSE CODE AND DEVICE NOT LISTED.....	1	1	4	6
	SUBTOTAL.....	1	1	4	6
	GRAND TOTAL.....	2	4	10	16

TABLE 104-A FATALITIES IN CLASS I AND CLASS II ACCIDENTS RESULTING FROM TRACK, ROADBED AND STRUCTURES BY SPECIFIC CAUSE, 1976

Cause No.	Causes	Total Accidents	Employees on duty... Trainmen	Other	Total	Empl not on duty	Passen- gers	Non tres- passers	Tres- passers	Total killed
ROADBED STRUCTURES										
101	ROADBED SETTLED OR SOFT.....	125	---	---	---	---	---	---	---	---
102	WASHOUT/RAIN/SLIDE/FLOOD/SNOW/ICE DAMAGE TO TRACK.....	42	1	---	1	---	---	---	---	1
109	CAUSE CODE NOT LISTED.....	20	---	---	---	---	---	---	---	---
	SUBTOTAL.....	187	1	---	1	---	---	---	---	1
TRACK GEOMETRY DEFECTS										
110	WIDE GAGE (DEFECTIVE OR MISSING CROSSTIES)....	684	---	---	---	---	---	---	---	---
111	WIDE GAGE (DEFECTIVE OR MISSING SEIKES OR OTHER RAIL FASTENERS).....	94	---	---	---	---	---	---	---	---
112	WIDE GAGE (LOOSE, BROKEN, OR DEFECTIVE GAGE RODS).....	12	---	---	---	---	---	---	---	---
113	WIDE GAGE (WORN RAIL).....	83	---	---	---	---	---	---	---	---
114	TRACK ALIGNMENT IRREGULAR.....	101	---	---	---	---	---	---	2	2
115	TRACK ALIGNMENT IRREGULAR (BUCKLED).....	100	---	---	---	---	---	---	---	---
116	TRACK PROFILE IMPROPER.....	15	---	---	---	---	---	---	---	---
117	SUPERELEVATION IMPROPER, EXCESSIVE OR INSUFFICIENT.....	70	---	---	---	---	---	---	---	---
118	SUPERELEVATION HUNCOFF IMPROPER.....	6	---	---	---	---	---	---	---	---
119	CROSS LEVEL OF TRACK IRREGULAR (AT JOINTS)....	505	---	---	---	---	---	---	---	---
120	CROSS LEVEL OF TRACK IRREGULAR (NOT AT JOINTS).....	288	---	---	---	---	---	---	---	---
129	CAUSE CODE NOT LISTED.....	60	---	---	---	---	---	---	---	---
	SUBTOTAL.....	2038	---	---	---	---	---	---	2	2
RAIL AND JOINT BAR DEFECTS										
130	BOLT HOLE CRACK OR BREAK.....	101	---	---	---	---	---	---	---	---
131	BROKEN BASE OF RAIL.....	207	---	---	---	---	---	---	---	---
132	BROKEN WELD, FIELD.....	3	---	---	---	---	---	---	---	---
134	DETAIL FRACTURE FROM SHELLING OR HEAD CHECK...	10	---	---	---	---	---	---	---	---
135	ENGINE BURN FRACTURE.....	10	---	---	---	---	---	---	---	---
136	HEAD AND WEB SEPARATION (OUTSIDE JOINT BAR LIMITS).....	107	---	---	---	---	---	---	---	---
137	HEAD AND WEB SEPARATION (WITHIN JOINT BAR LIMITS).....	47	---	---	---	---	---	---	---	---
138	HORIZONTAL SPLIT HEAD.....	25	---	---	---	---	---	---	---	---
139	PIPED RAIL.....	6	---	---	---	---	---	---	---	---
140	RAIL DEFECT WITH JOINT BAR REPAIR.....	4	---	---	---	---	---	---	---	---
141	TRANSVERSE/COMPOUND FISSURE.....	164	---	---	---	---	---	2	---	2
142	VERTICAL SPLIT HEAD.....	164	---	---	---	---	---	---	---	---
143	WORN RAIL.....	63	---	---	---	---	---	---	---	---
144	MISMATCHED RAIL-HEAD CONTOUR.....	18	---	---	---	---	---	---	---	---
145	JOINT BAR BROKEN, COMPROMISE.....	15	---	---	---	---	---	---	---	---
146	JOINT BAR BROKEN, INSULATED.....	10	---	---	---	---	---	---	---	---
147	JOINT BAR BROKEN, NONINSULATED.....	57	---	---	---	---	---	---	---	---
148	JOINT BOLTS- BROKEN OR MISSING.....	18	---	---	---	---	---	---	---	---
149	CAUSE CODE NOT LISTED.....	123	---	1	1	---	---	---	---	1
	SUBTOTAL.....	1152	---	1	1	---	---	2	---	3
FROGS, SWITCHES AND TRACK APPLIANCES										
160	GUARD RAIL LOOSE/BROKEN, OR MISLOCATED.....	13	---	---	---	---	---	---	---	---
161	SWITCH, HAND OPERATED, DAMAGED OR OUT OF ADJUSTMENT.....	94	---	---	---	---	---	---	---	---
162	SWITCH, HAND OPERATED, STAND MECHANISM BROKEN, LOOSE OR WORN.....	21	---	---	---	---	---	---	---	---
163	SWITCH CONNECTING OR OPERATING ROD, BROKEN OR DEFECTIVE.....	18	---	---	---	---	---	---	---	---
164	STOCK RAIL WORN, BROKEN OR DISCONNECTED.....	16	---	---	---	---	---	---	---	---
165	SWITCH POINT WORN OR BROKEN.....	443	---	1	1	---	---	---	---	1
166	SWITCH ROD WORN, BENT, BROKEN OR DISCONNECTED.....	16	---	---	---	---	---	---	---	---
167	FROG, RIGID, WORN OR BROKEN.....	14	---	---	---	---	---	---	---	---
168	FROG, SPRING, WORN OR BROKEN.....	10	---	---	---	---	---	---	---	---
169	FROG, SELF GUARDED, WORN OR BROKEN.....	5	---	---	---	---	---	---	---	---
171	DERAIL, DEFECTIVE.....	4	---	---	---	---	---	---	---	---
172	EXPANSION JOINT FAILED OR MALFUNCTIONING.....	1	---	---	---	---	---	---	---	---
173	RETARDER WORN, BROKEN OR MALFUNCTIONING.....	66	---	---	---	---	---	---	---	---
174	SPRING/POWER SWITCH MALFUNCTION.....	26	---	---	---	---	---	---	---	---
179	CAUSE CODE NOT LISTED.....	95	---	---	---	---	---	---	---	---
	SUBTOTAL.....	842	---	1	1	---	---	---	---	1
OTHER WAY AND STRUCTURE										
180	BRIDGE MISALIGNMENT OR FAILURE.....	7	---	---	---	---	---	---	---	---
181	FLANGWAY CLOGGED.....	16	---	---	---	---	---	---	---	---
189	CAUSE CODE NOT LISTED.....	7	---	---	---	---	---	---	---	---
	SUBTOTAL.....	30	---	---	---	---	---	---	---	---
SIGNAL AND COMMUNICATION FAILURES										
200	FIXED SIGNAL IMPROPERLY DISPLAYED (DEFECTIVE).....	2	---	---	---	---	---	---	---	---
201	RADIO COMMUNICATION EQUIPMENT FAILURE.....	4	---	---	---	---	---	---	---	---
202	OTHER COMMUNICATION EQUIPMENT FAILURE.....	1	---	---	---	---	---	---	---	---
209	CAUSE CODE NOT LISTED.....	4	---	---	---	---	---	---	---	---
	SUBTOTAL.....	11	---	---	---	---	---	---	---	---
	GRAND TOTAL.....	4260	1	2	3	---	---	2	2	7

TABLE 104-B NONFATAL CASUALTIES IN CLASS I AND CLASS II ACCIDENTS RESULTING FROM TRACK, ROADBED AND STRUCTURES BY SPECIFIC CAUSE, 1976

Cause No.	Causes	Total Accidents	....Employees on duty....			Empl not on duty	Passen- gers	Non tres- passers	Tres- passers	Total injured
			Trainmen	Other	Total					
ROADBED STRUCTURES										
101	ROADBED SETTLED OR SOFT.....	125	3	---	3	---	---	1	---	4
102	WASHOUT/RAIN/SLIDE/FLOOD/SNOW/ICE DAMAGE TO TRACK.....	42	13	---	13	---	---	---	---	13
109	CAUSE CODE NOT LISTED.....	20	1	---	1	---	---	---	---	1
	SUBTOTAL.....	167	17	---	17	---	---	1	---	18
TRACK GEOMETRY DEFECTS										
110	WIDE GAGE (DEFECTIVE OR MISSING CROSSTIES)....	684	10	14	24	---	41	---	---	65
111	WIDE GAGE (DEFECTIVE OR MISSING SPIKES OR OTHER RAIL FASTENERS).....	94	3	---	3	---	---	---	---	3
112	WIDE GAGE (LOOSE, BROKEN, OR DEFECTIVE GAGE RODS).....	12	---	---	---	---	---	---	---	---
113	WIDE GAGE (WORN RAIL).....	83	2	1	3	---	---	---	---	3
114	TRACK ALIGNMENT IRREGULAR.....	101	5	---	5	---	34	---	---	39
115	TRACK ALIGNMENT IRREGULAR (BUCKLED).....	100	14	---	14	---	30	---	---	44
116	TRACK PROFILE IMPROPER.....	15	---	---	---	---	---	---	---	---
117	SUPERELEVATION IMPROPER, EXCESSIVE OR INSUFFICIENT.....	70	8	1	9	---	---	---	---	9
118	SUPERELEVATION BUFFER IMPROPER.....	6	---	---	---	---	---	---	---	---
119	CROSS LEVEL OF TRACK IRREGULAR (AT JOINTS)....	505	8	---	8	---	---	---	---	8
120	CROSS LEVEL OF TRACK IRREGULAR (NOT AT JOINTS).....	288	9	1	10	---	---	---	---	10
129	CAUSE CODE NOT LISTED.....	80	8	12	20	---	---	---	---	20
	SUBTOTAL.....	2038	67	29	96	---	105	---	---	201
RAIL AND JOINT BAR DEFECTS										
130	BOLT HOLE CRACK OR BREAK.....	101	3	---	3	---	---	---	---	3
131	BROKEN BASE OF RAIL.....	207	2	---	2	---	---	---	---	2
132	BROKEN WELD- FIELD.....	3	---	---	---	---	7	---	---	7
134	DETAIL FRACTURE FROM SHELING OR HEAD CHECK... ..	10	---	---	---	---	---	1	---	1
135	ENGINE BURN FRACTURE.....	10	---	---	---	---	---	---	---	---
136	HEAD AND WEB SEPARATION (OUTSIDE JOINT BAR LIMITS).....	107	3	---	3	---	---	---	---	3
137	HEAD AND WEB SEPARATION (INSIDE JOINT BAR LIMITS).....	47	3	---	3	---	---	---	---	3
138	HORIZONTAL SPLIT HEAD.....	25	4	---	4	---	---	---	---	4
139	PIPED RAIL.....	6	---	---	---	---	---	---	---	---
140	RAIL DEFECT WITH JOINT BAR REPAIR.....	4	---	---	---	---	---	---	---	---
141	TRANSVERSE/COMPOUND FISSURE.....	164	4	---	4	---	---	10	---	14
142	VERTICAL SPLIT HEAD.....	164	2	---	2	---	---	---	1	3
143	WORN RAIL.....	63	2	1	3	---	---	---	---	3
144	MISMATCHED RAIL-HEAD CONTOUR.....	18	---	---	---	---	---	---	---	---
145	JOINT BAR BROKEN, COMPROMISE.....	15	---	---	---	---	---	---	---	---
146	JOINT BAR BROKEN, INSULATED.....	10	---	8	8	---	25	---	---	33
147	JOINT BAR BROKEN, NONINSULATED.....	57	6	---	6	---	---	---	---	6
148	JOINT BOLTS- BROKEN OR MISSING.....	18	---	---	---	---	---	---	---	---
149	CAUSE CODE NOT LISTED.....	123	7	2	9	---	---	---	---	9
	SUBTOTAL.....	1152	36	11	47	---	32	11	1	91
FROGS, SWITCHES AND TRACK APPLIANCES										
160	GUARD RAIL LOOSE/BROKEN, OR MISLOCATED.....	13	---	---	---	---	---	---	---	---
161	SWITCH, HAND OPERATED, DAMAGED OR OUT OF ADJUSTMENT.....	94	---	---	---	---	---	---	---	---
162	SWITCH, HAND OPERATED, STAND MECHANISM BROKEN, LOOSE OR WORN.....	21	---	---	---	---	---	---	---	---
163	SWITCH CONNECTING OR OPERATING ROD, BROKEN OR DEFECTIVE.....	18	2	---	2	---	---	---	---	2
164	STOCK RAIL WORN, BROKEN OR DISCONNECTED.....	16	---	---	---	---	---	---	---	---
165	SWITCH POINT WORN OR BROKEN.....	443	3	---	3	---	---	---	---	3
166	SWITCH ROD WORN, BENT, BROKEN OR DISCONNECTED.....	16	---	---	---	---	---	---	---	---
167	FROG, RIGID, WORN OR BROKEN.....	14	---	---	---	---	---	---	---	---
168	FROG, SPRING, WORN OR BROKEN.....	10	1	---	1	---	---	---	---	1
169	FROG, SELF GUARDED, WORN OR BROKEN.....	5	---	---	---	---	---	---	---	---
171	DERAIL, DEFECTIVE.....	4	---	---	---	---	---	---	---	---
172	EXPANSION JOINT FAILED OR MALFUNCTIONED.....	1	---	---	---	---	---	---	---	---
173	EXPANSION WORN, BROKEN OR MALFUNCTIONING.....	66	---	---	---	---	---	---	---	---
174	SPRING/POWER SWITCH MALFUNCTION.....	26	1	---	1	---	---	---	---	1
179	CAUSE CODE NOT LISTED.....	95	2	---	2	---	---	---	---	2
	SUBTOTAL.....	842	9	---	9	---	---	---	---	9
OTHER WAY AND STRUCTURE										
180	BRIDGE MISALIGNMENT OR FAILURE.....	7	1	---	1	---	---	---	---	1
181	FLANGWAY CLOGGED.....	16	2	---	2	---	---	---	---	2
189	CAUSE CODE NOT LISTED.....	7	1	---	1	---	---	---	---	1
	SUBTOTAL.....	30	4	---	4	---	---	---	---	4
SIGNAL AND COMMUNICATION FAILURES										
200	FIXED SIGNAL IMPROPERLY DISPLAYED (DEFECTIVE).....	2	---	---	---	---	---	---	---	---
201	RADIO COMMUNICATION EQUIPMENT FAILURE.....	4	---	---	---	---	---	---	---	---
202	OTHER COMMUNICATION EQUIPMENT FAILURE.....	1	---	---	---	---	---	---	---	---
209	CAUSE CODE NOT LISTED.....	4	---	---	---	---	---	---	---	---
	SUBTOTAL.....	11	---	---	---	---	---	---	---	---
GRAND TOTAL.....		4260	133	40	173	---	137	12	1	323



TABLE 100-C NUMBER OF CLASS I AND CLASS II ACCIDENTS RESULTING FROM TRACK ROADBED AND STRUCTURES BY SPECIFIC CAUSE, 1976

Cause No.	Causes	Collis- ions	Derail- ments	Other	Total
<b>ROADBED DEFECTS</b>					
101	ROADBED SETTLED OR SOFT.....	2	123	---	125
102	WASHOUT/RAIN/SLIDE/FLOOD/SNOW/ICE DAMAGE TO TRACK.....	1	38	3	42
109	CAUSE CODE NOT LISTED.....	---	20	---	20
	<b>SUBTOTAL.....</b>	<b>3</b>	<b>181</b>	<b>3</b>	<b>187</b>
<b>TRACK GEOMETRY DEFECTS</b>					
110	WIDE GAGE (DEFECTIVE OR MISSING CROSSTIES).....	8	674	2	684
111	WIDE GAGE (DEFECTIVE OR MISSING SPIKES OR OTHER RAIL FASTENERS).....	---	94	---	94
112	WIDE GAGE (LOOSE, BROKEN, OR DEFECTIVE GAGE RODS).....	---	12	---	12
113	WIDE GAGE (WORN RAIL).....	---	53	---	53
114	TRACK ALIGNMENT IRREGULAR.....	---	100	1	101
115	TRACK ALIGNMENT IRREGULAR (BUCKLED).....	---	100	---	100
116	TRACK PROFILE IMPROPER.....	---	15	---	15
117	SUPERELEVATION IMPROPER, EXCESSIVE OR INSUFFICIENT.....	1	69	---	70
118	SUPERELEVATION RUNOFF IMPROPER.....	---	6	---	6
119	CROSS LEVEL OF TRACK IRREGULAR (AT JOINTS).....	7	495	3	505
120	CROSS LEVEL OF TRACK IRREGULAR (NOT AT JOINTS).....	2	286	---	288
129	CAUSE CODE NOT LISTED.....	1	79	---	80
	<b>SUBTOTAL.....</b>	<b>19</b>	<b>2,013</b>	<b>6</b>	<b>2,038</b>
<b>RAIL AND JOINT BAR DEFECTS</b>					
130	BOLT HOLE CRACK OR BREAK.....	2	99	---	101
131	BROKEN BASE OF RAIL.....	---	207	---	207
132	BROKEN WELD, FIELD.....	---	3	---	3
134	DETAIL FRACTURE FROM SHELING OR HEAD CHECK.....	---	10	---	10
135	ENGINE BURN FRACTURE.....	---	10	---	10
136	HEAD AND WEB SEPARATION (OUTSIDE JOINT BAR LIMITS).....	1	105	1	107
137	HEAD AND WEB SEPARATION (WITHIN JOINT BAR LIMITS).....	---	47	---	47
138	HORIZONTAL SPLIT HEAD.....	-1	24	---	25
139	PIPED RAIL.....	---	6	---	6
140	RAIL DEFECT WITH JOINT BAR REPAIR.....	---	4	---	4
141	TRANSVERSE/COMPOUND FISSURE.....	1	163	---	164
142	VERTICAL SPLIT HEAD.....	4	160	---	164
143	WORN RAIL.....	1	62	---	63
144	MISMATCHED RAIL-HEAD CONTOUR.....	1	17	---	18
145	JOINT BAR BROKEN, COMPROHISE.....	---	15	---	15
146	JOINT BAR BROKEN, INSULATED.....	---	10	---	10
147	JOINT BAR BROKEN, NONINSULATED.....	---	57	---	57
148	JOINT BOLTS- BROKEN OR MISSING.....	---	18	---	18
149	CAUSE CODE NOT LISTED.....	5	116	---	123
	<b>SUBTOTAL.....</b>	<b>16</b>	<b>1,135</b>	<b>1</b>	<b>1,152</b>
<b>FROGS, SWITCHES AND TRACK APPLIANCES</b>					
160	GUARD RAIL LOOSE/BROKEN, OR MISLOCATED.....	2	11	---	13
161	SWITCH, HAND OPERATED, DAMAGED OR OUT OF ADJUSTMENT.....	2	91	1	94
162	SWITCH, HAND OPERATED, STAND MECHANISM BROKEN, LOOSE OR WORN.....	---	21	---	21
163	SWITCH CONNECTING OR OPERATING ROD, BROKEN OR DEFECTIVE.....	---	18	---	18
164	STOCK RAIL WORN, BROKEN OR DISCONNECTED.....	---	16	---	16
165	SWITCH POINT WORN OR BROKEN.....	7	436	---	443
166	SWITCH ROD WORN, BENT, BROKEN OR DISCONNECTED.....	---	16	---	16
167	FROG, RIGID, WORN OR BROKEN.....	---	14	---	14
168	FROG, SPRING, WORN OR BROKEN.....	---	10	---	10
169	FROG, SELF GUARDED, WORN OR BROKEN.....	---	5	---	5
171	DERAIL, DEFECTIVE.....	---	4	---	4
172	EXPANSION JOINT FAILED OR MALFUNCTIONING.....	---	1	---	1
173	RETARDER WORN, BROKEN OR MALFUNCTIONING.....	34	23	9	66
174	SPRING/POWER SWITCH MALFUNCTION.....	1	25	---	26
179	CAUSE CODE NOT LISTED.....	13	82	---	95
	<b>SUBTOTAL.....</b>	<b>59</b>	<b>773</b>	<b>10</b>	<b>842</b>
<b>OTHER WAY AND STRUCTURES</b>					
180	BRIDGE MISALIGNMENT OR FAILURE.....	---	7	---	7
181	FLANGWAY CLOGGED.....	---	16	---	16
189	CAUSE CODE NOT LISTED.....	1	4	2	7
	<b>SUBTOTAL.....</b>	<b>1</b>	<b>27</b>	<b>2</b>	<b>30</b>
<b>SIGNAL AND COMMUNICATION FAILURE</b>					
200	FIXED SIGNAL IMPROPERLY DISPLAYED (DEFECTIVE).....	2	---	---	2
201	RADIO COMMUNICATION EQUIPMENT FAILURE.....	3	1	---	4
202	OTHER COMMUNICATION EQUIPMENT FAILURE.....	---	1	---	1
209	CAUSE CODE NOT LISTED.....	1	1	2	4
	<b>SUBTOTAL.....</b>	<b>6</b>	<b>2</b>	<b>3</b>	<b>11</b>
	<b>GRAND TOTAL.....</b>	<b>104</b>	<b>4,131</b>	<b>25</b>	<b>4,260</b>

TABLE 104-D FATALITIES IN RAPID TRANSIT ACCIDENTS RESULTING FROM TRACK, ROADBED AND STRUCTURES BY SPECIFIC CAUSE, 1976

Cause No.	Causes	Total Accidents	....Employees on duty.... Trainmen	Other	Espl not on duty Total	Passen- gers	Non tres- passers	Tres- passers	Total killed
ROADBED STRUCTURES									
102	WASHOUT/RAIN/SLIDE/FLOOD/SNOW/ICE DAMAGE TO TRACK.....	1	---	---	---	---	---	---	---
109	CAUSE CODE NOT LISTED.....	1	---	---	---	---	---	---	---
	SUBTOTAL.....	2	---	---	---	---	---	---	---
TRACK GEOMETRY DEFECTS									
111	WIDE GAGE (DEFECTIVE OR MISSING SPIKES OR OTHER RAIL FASTENERS)....	5	---	---	---	---	---	---	---
114	TRACK ALIGNMENT IRREGULAR.....	1	---	---	---	---	---	---	---
	SUBTOTAL.....	6	---	---	---	---	---	---	---
RAIL AND JOINT BAR DEFECTS									
149	CAUSE CODE NOT LISTED.....	1	---	---	---	---	---	---	---
	SUBTOTAL.....	1	---	---	---	---	---	---	---
FROGS, SWITCHES AND TRACK APPLIANCES									
165	SWITCH POINT WORN OR BROKEN.....	1	---	---	---	---	---	---	---
	SUBTOTAL.....	1	---	---	---	---	---	---	---
GRAND TOTAL.....		10	---	---	---	---	---	---	---

TABLE 104-E NONFATAL CASUALTIES IN RAPID TRANSIT ACCIDENTS RESULTING FROM TRACK, ROADBED AND STRUCTURES BY SPECIFIC CAUSE, 1976

Cause No.	Causes	Total Accidents	....Employees on duty.... Trainmen	Other	Espl not on duty Total	Passen- gers	Non tres- passers	Tres- passers	Total injured
ROADBED STRUCTURES									
102	WASHOUT/RAIN/SLIDE/FLOOD/SNOW/ICE DAMAGE TO TRACK.....	1	---	---	---	---	---	---	---
109	CAUSE CODE NOT LISTED.....	1	1	---	1	---	---	---	1
	SUBTOTAL.....	2	1	---	1	---	---	---	1
TRACK GEOMETRY DEFECTS									
111	WIDE GAGE (DEFECTIVE OR MISSING SPIKES OR OTHER RAIL FASTENERS)....	5	---	---	---	1	---	---	1
114	TRACK ALIGNMENT IRREGULAR.....	1	---	---	---	---	---	---	---
	SUBTOTAL.....	6	---	---	---	1	---	---	1
RAIL AND JOINT BAR DEFECTS									
149	CAUSE CODE NOT LISTED.....	1	---	---	---	1	---	---	1
	SUBTOTAL.....	1	---	---	---	1	---	---	1
FROGS, SWITCHES AND TRACK APPLIANCES									
165	SWITCH POINT WORN OR BROKEN.....	1	---	---	---	---	---	---	---
	SUBTOTAL.....	1	---	---	---	---	---	---	---
GRAND TOTAL.....		10	1	---	1	2	---	---	3

TABLE 104-F NUMBER OF RAPID TRANSIT ACCIDENTS RESULTING FROM TRACK ROADBED AND STRUCTURES BY SPECIFIC CAUSE, 1976

Cause No.	CAUSES	Collis- ions	Derail- ments	Other	Total
ROADBED EFFECTS					
102	WASHOUT/RAIN/SLIDE/FLOOD/SNOW/ICE DAMAGE TO TRACK.....	---	1	---	1
109	CAUSE CODE NOT LISTED.....	---	1	---	1
	SUBTOTAL.....	---	2	---	2
TRACK GEOMETRY DEFECTS					
111	WIDE GAGE (DEFECTIVE OR MISSING SPIKES OR OTHER RAIL FASTENERS)....	---	4	1	5
114	TRACK ALIGNMENT IRREGULAR.....	1	---	---	1
	SUBTOTAL.....	1	4	1	6
RAIL AND JOINT BAR DEFECTS					
149	CAUSE CODE NOT LISTED.....	1	---	---	1
	SUBTOTAL.....	1	---	---	1
FROGS, SWITCHES AND TRACK APPLIANCES					
165	SWITCH POINT WORN OR BROKEN.....	---	1	---	1
	SUBTOTAL.....	---	1	---	1
GRAND TOTAL.....		2	7	1	10

TABLE 105-A FATALITIES IN CLASS I AND CLASS II ACCIDENTS RESULTING FROM MISCELLANEOUS CAUSES BY SPECIFIC CAUSE, 1976

Cause No.	Causes	Total Accidents	....Employees on duty....		Empl not on duty	Passen- gers	Non tres- passers	Tres- passers	Total killed
			Trainmen	Other					
700	COLLISION WITH MOTOR VEHICLE AT GRADE CROSSING.....	338	4	---	4	---	107	10	121
701	EMERGENCY BRAKE APPLICATION TO AVOID ACCIDENT.....	25	---	---	---	---	1	---	1
702	INTERFERENCE WITH RAILROAD OPERATIONS BY NON-RAILROAD EMPLOYEES.....	170	---	---	1	---	---	1	1
703	LOAD SHIFTED OR FELL FROM CAR.....	116	1	---	---	---	---	1	2
704	OVERLOADED OR IMPROPERLY LOADED CAR.....	64	---	---	---	---	---	---	---
705	OVERSIZED LOAD, MISROUTED.....	14	---	---	---	---	---	---	---
706	OBJECT OR EQUIPMENT ON OR FOULING TRACK.....	122	1	---	1	---	---	1	2
707	TRAILER OR CONTAINER TIEDOWN EQUIPMENT IMPROPERLY APPLIED.....	18	---	---	---	---	---	---	---
708	OVERLOADED OR IMPROPERLY LOADED CONTAINER OR TRAILER ON FLAT CAR.....	3	---	---	---	---	---	---	---
799	CAUSE CODE NOT LISTED.....	564	2	1	3	---	2	---	5
GRAND TOTAL.....		1454	8	1	9	---	2	108	13

TABLE 105-B NONFATAL CASUALTIES IN CLASS I AND CLASS II ACCIDENTS RESULTING FROM MISCELLANEOUS CAUSES BY SPECIFIC CAUSE, 1976

Cause No.	Causes	Total Accidents	....Employees on duty....		Empl not on duty	Passen- gers	Non tres- passers	Tres- passers	Total injured
			Trainmen	Other					
700	COLLISION WITH MOTOR VEHICLE AT GRADE CROSSING.....	338	61	23	84	---	47	143	11
701	EMERGENCY BRAKE APPLICATION TO AVOID ACCIDENT.....	25	3	---	3	---	---	4	---
702	INTERFERENCE WITH RAILROAD OPERATIONS BY NON-RAILROAD EMPLOYEES.....	170	17	2	19	---	49	---	1
703	LOAD SHIFTED OR FELL FROM CAR.....	116	10	1	11	---	---	---	11
704	OVERLOADED OR IMPROPERLY LOADED CAR.....	64	2	---	2	---	---	---	2
705	OVERSIZED LOAD, MISROUTED.....	14	---	---	---	---	---	---	---
706	OBJECT OR EQUIPMENT ON OR FOULING TRACK.....	122	11	---	11	---	3	---	3
707	TRAILER OR CONTAINER TIEDOWN EQUIPMENT IMPROPERLY APPLIED.....	18	---	---	---	---	---	---	---
708	OVERLOADED OR IMPROPERLY LOADED CONTAINER OR TRAILER ON FLAT CAR.....	3	---	---	---	---	---	---	---
799	CAUSE CODE NOT LISTED.....	564	31	9	40	---	117	20	3
GRAND TOTAL.....		1454	135	35	170	---	216	167	16

TABLE 105-C NUMBER OF CLASS I AND CLASS II ACCIDENTS RESULTING FROM MISCELLANEOUS CAUSES BY SPECIFIC CAUSE, 1976

Cause No.	Causes	Collis- ions	Derail- ments	Other	Total
701	EMERGENCY BRAKE APPLICATION TO AVOID ACCIDENT.....	1	17	7	25
702	INTERFERENCE WITH RAILROAD OPERATIONS BY NON-RAILROAD EMPLOYEES.....	21	117	32	170
703	LOAD SHIFTED OR FELL FROM CAR.....	18	74	24	116
704	OVERLOADED OR IMPROPERLY LOADED CAR.....	1	59	4	64
705	OVERSIZED LOAD, MISROUTED.....	5	3	6	14
706	OBJECT OR EQUIPMENT ON OR FOULING TRACK.....	16	74	32	122
707	TRAILER OR CONTAINER TIEDOWN EQUIPMENT IMPROPERLY APPLIED.....	---	2	16	18
708	OVERLOADED OR IMPROPERLY LOADED CONTAINER OR TRAILER ON FLAT CAR.....	---	3	---	3
799	CAUSE CODE NOT LISTED.....	85	347	152	564

TABLE 105-D FATALITIES IN RAPID TRANSIT ACCIDENTS RESULTING FROM MISCELLANEOUS CAUSES BY SPECIFIC CAUSE, 1976

Cause No.	Causes	Total Accidents	....Employees on duty....		Empl not on duty	Passen- gers	Non tres- passers	Tres- passers	Total killed
			Trainmen	Other					
700	COLLISION WITH MOTOR VEHICLE AT GRADE CROSSING.....	1	---	---	---	---	---	---	---
702	INTERFERENCE WITH RAILROAD OPERATIONS BY NON-RAILROAD EMPLOYEES.....	2	---	---	---	---	---	---	---
706	OBJECT OR EQUIPMENT ON OR FOULING TRACK.....	5	---	---	---	---	---	---	---
799	CAUSE CODE NOT LISTED.....	11	---	---	---	---	---	---	---
GRAND TOTAL.....		19	---	---	---	---	---	---	---

TABLE 105-E NONFATAL CASUALTIES IN RAPID TRANSIT ACCIDENTS RESULTING FROM MISCELLANEOUS CAUSES BY SPECIFIC CAUSE, 1976

Cause No.	Causes	Total Accidents	....Employees on duty....		Empl not on duty	Passen- gers	Non tres- passers	Tres- passers	Total injured
			Trainmen	Other					
700	COLLISION WITH MOTOR VEHICLE AT GRADE CROSSING.....	1	---	---	---	---	---	---	---
702	INTERFERENCE WITH RAILROAD OPERATIONS BY NON-RAILROAD EMPLOYEES.....	2	---	---	---	---	---	---	---
706	OBJECT OR EQUIPMENT ON OR FOULING TRACK.....	5	---	---	---	---	---	---	---
799	CAUSE CODE NOT LISTED.....	11	2	---	2	---	---	---	2
GRAND TOTAL.....		19	2	---	2	---	---	---	2

TABLE 105-F NUMBER OF RAPID TRANSIT ACCIDENTS RESULTING FROM MISCELLANEOUS CAUSES BY SPECIFIC CAUSE, 1976

Cause No.	Causes	Collis- ions	Derail- ments	Other	Total
702	INTERFERENCE WITH RAILROAD OPERATIONS BY NON-RAILROAD EMPLOYEES.....	---	2	1	2
706	OBJECT OR EQUIPMENT ON OR FOULING TRACK.....	---	2	3	5
799	CAUSE CODE NOT LISTED.....	7	4	---	11
GRAND TOTAL.....		7	7	5	19



TABLE 106-D TRAIN INCIDENTS RESULTING IN INJURIES TO EMPLOYEES ON DUTY BY SPECIFIC CAUSE AND CLASS OF EMPLOYEE, RAPID TRANSIT CARRIERS, 1976

Occurrence No.	Occurrences	Yard Service			Road Service			Other Trainmen	Other Employees	Total Employees
		Conductors Foremen	Brakemen Helpers	Freight Conductors	Freight Brakemen Flagnen	Passenger Conductors	Passenger Brakemen Flagnen			
COUPLING/UNCOUPLING LOCOMOTIVES OR CARS										
006T	UNCOUPLING, CARS MOVING UNEXPECTEDLY.....	---	1	---	---	---	---	---	---	1
007T	STRIKING PARTS OF BODY AGAINST EQUIPMENT.....	---	2	---	---	---	---	---	---	2
	SUBTOTAL.....	---	3	---	---	---	---	---	---	3
OPERATING HAND BRAKES										
203T	STRIKING BODY OR FALLING DUE TO SUDDEN MOVEMENT OF TRAIN OR CARS.....	---	---	---	---	1	---	---	---	1
	SUBTOTAL.....	---	---	---	---	1	---	---	---	1
	GRAND TOTAL.....	---	3	---	---	1	---	---	---	4

TABLE 107-B TRAIN INCIDENTS RESULTING IN INJURIES TO EMPLOYEES ON DUTY WHILE OPERATING LOCOMOTIVES BY SPECIFIC OCCURRENCE CLASS I AND CLASS II RAILROADS, 1976

Occurrence No.	Occurrences	Yard Service		Road Service		Passenger		Other Trainmen	Other Employees	Total Employees On Duty
		Engineers + Motormen	Firemen + Helpers	Freight Engineers + Motormen	Freight Firemen + Helpers	Engineers + Motormen	Firemen + Helpers			
101T	BURN, ELECTRICAL SHOCK, OR FUMES.....	1	---	3	3	---	1	1	---	9
102T	STRIKING PARTS OF BODY AGAINST EQUIPMENT.....	50	3	26	2	3	1	13	4	102
103T	STUCK BY OBJECT OF LOCOMOTIVE OR RAIL MOTORCAR.....	1	---	5	---	---	---	1	---	9
104T	STUMBLED, SLIPPED, FELL, OR STEPPED ON FOREIGN OBJECT OR IRREGULAR SUR.....	3	---	5	1	1	1	2	2	15
105T	CHECKING, OILING LOCOMOTIVE, ETC.....	---	---	1	2	---	---	---	---	3
106T	UNEXPECTED MOVEMENT OF LOCOMOTIVE.....	49	9	24	1	---	2	14	7	106
109T	OTHER ACCIDENTS/INCIDENTS WHILE OPERATING LOCOMOTIVE OR RAIL MOTORCARS.....	72	6	65	13	24	4	9	13	206
	GRAND TOTAL.....	176	18	129	22	28	9	40	28	450

TABLE 107-D TRAIN INCIDENTS RESULTING IN INJURIES TO EMPLOYEES ON DUTY WHILE OPERATING LOCOMOTIVES BY SPECIFIC OCCURRENCE RAPID TRANSIT CARRIERS, 1976

Occurrence No.	Occurrences	Yard Service		Road Service		Passenger		Other Trainmen	Other Employees	Total Employees On Duty
		Engineers + Motormen	Firemen + Helpers	Freight Engineers + Motormen	Freight Firemen + Helpers	Engineers + Motormen	Firemen + Helpers			
102T	STRIKING PARTS OF BODY AGAINST EQUIPMENT.....	---	---	---	---	1	---	1	---	3
103T	STUCK BY OBJECT OF LOCOMOTIVE OR RAIL MOTORCAR.....	---	---	---	---	1	---	---	---	1
109T	OTHER ACCIDENTS/INCIDENTS WHILE OPERATING LOCOMOTIVE OR RAIL MOTORCARS.....	---	---	---	---	1	---	2	---	3
	GRAND TOTAL.....	---	---	---	---	3	---	3	1	7

TABLE 107-E ILLNESSES TO EMPLOYEES ON DUTY WHILE OPERATING LOCOMOTIVES BY SPECIFIC OCCURRENCE, CLASS I AND II RAILROADS, 1976

Occurrence No.	Occurrences	Yard Service		Road Service		Passenger		Other Trainmen	Other Employees	Total Employees On Duty
		Engineers + Motormen	Firemen + Helpers	Freight Engineers + Motormen	Freight Firemen + Helpers	Engineers + Motormen	Firemen + Helpers			
101T	BURN, ELECTRICAL SHOCK, OR FUMES.....	3	---	9	---	1	---	2	---	15
109T	OTHER ACCIDENTS/INCIDENTS WHILE OPERATING LOCOMOTIVE OR RAIL MOTORCARS.....	3	---	---	1	---	---	---	---	4
	GRAND TOTAL.....	6	---	9	1	1	---	2	---	19

TABLE 111-1 FATALITIES IN TRAIN INCIDENTS TO PERSONS ON TRAINS CONTACTING FIXED STRUCTURES  
BY SPECIFIC OCCURRENCE AND CLASS OF PERSON, CLASS I AND CLASS II RAILROADS, 1976

Occurrence no.	Occurrences	Employees on Duty													Employees not on duty					Total Killed All Classes
		Yard Service			Freight			Road Service			Passenger			Other Persons						
		Eng	Fan	Cnd	Brk	Eng	Fan	Brk	Eng	Fan	Brk	Eng	Fan	Erk	Trn	Oth	Fas	Mon	Trs	
		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
402T	PERSONS ON SIDE OF LOCOMOTIVES OR CARS COMING IN CONTACT WITH FIXED OBJECTS				2															2
GRAND TOTAL					2															2

TABLE 111-2 INJURIES IN TRAIN INCIDENTS TO PERSONS ON TRAINS CONTACTING FIXED STRUCTURES  
BY SPECIFIC OCCURRENCE AND CLASS OF PERSON, CLASS I AND CLASS II RAILROADS, 1976

Occurrence no.	Occurrences	Employees on Duty													Employees not on duty					Total Injuries All Classes	
		Yard Service			Freight			Road Service			Passenger			Other Persons							
		Eng	Fan	Cnd	Brk	Eng	Fan	Brk	Eng	Fan	Brk	Eng	Fan	Erk	Trn	Oth	Fas	Mon	Trs		
		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+
401T	PERSONS ON TOP OF LOCOMOTIVES OR CARS COMING IN CONTACT WITH FIXED OBJECTS				4			2	3					1		2	12			1	13
402T	PERSONS ON SIDE OF LOCOMOTIVES OR CARS COMING IN CONTACT WITH FIXED OBJECTS			17	51		1	6	38			2				7	123			1	126
409T	OTHER	5		7	17	4	1	11	19		1			1		2	68			2	70
GRAND TOTAL		5		24	72	4	2	19	60		1	2		2		11	203			2	207

TABLE 111-D INJURIES IN RAPID TRANSIT INCIDENTS TO PERSONS ON TRAINS CONTACTING FIXED STRUCTURES  
BY SPECIFIC OCCURRENCE AND CLASS OF PERSON, 1976

Occurrence no.	Occurrences	Employees on Duty													Employees not on duty					Total Injuries All Classes	
		Yard Service			Freight			Road Service			Passenger			Other Persons							
		Eng	Fan	Cnd	Brk	Eng	Fan	Brk	Eng	Fan	Brk	Eng	Fan	Erk	Trn	Oth	Fas	Mon	Trs		
		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+
4C9T	OTHER				1											1					1
GRAND TOTAL					1										1						1

TABLE 111-E ILLNESSES IN TRAIN INCIDENTS TO PERSONS ON TRAINS CONTACTING FIXED STRUCTURES  
BY SPECIFIC OCCURRENCE AND CLASS OF PERSON, CLASS I AND II RAILROADS, 1976

Occurrence no.	Occurrences	Employees on Duty													Employees not on duty					Total Illnesses All Classes	
		Yard Service			Freight			Road Service			Passenger			Other Persons							
		Eng	Fan	Cnd	Brk	Eng	Fan	Brk	Eng	Fan	Brk	Eng	Fan	Erk	Trn	Oth	Fas	Mon	Trs		
		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+
402T	PERSONS ON SIDE OF LOCOMOTIVES OR CARS COMING IN CONTACT WITH FIXED OBJECTS								1							1					1
GRAND TOTAL									1						1						1

NOTE: Eng = Engagemen  
Erk = Erakemen  
Cnd = Conductors  
Eng = Engineers  
Flg = Flagmen  
Fan = Firemen  
Icr = Foremen  
Hlp = Helpers  
Hcs = Hostlers  
Ntr = Notomen  
Ncn = Ncn Trespassers  
Oth = Others  
Fas = Passengers  
Trn = Trainmen  
Trs = Trespassers

TABLE 112-A FATALITIES IN TRAIN INCIDENTS TO PERSONS WHILE GETTING ON OR OFF TRAINS BY SPECIFIC OCCURRENCE AND CLASS OF PERSON, CLASS I AND CLASS II RAILROADS, 1976

Occurrence no.	Occurrences	Employees on Duty													Employees not on duty			Total Killed All Classes				
		Eng + Mtr	Fmn + Hlp	Cnd + For	Brk + Hlp	Eng + Mtr	Fmn + Hlp	Cnd + Flg	Brk + Hlp	Eng + Mtr	Fmn + Hlp	Cnd + Bag	Brk + Flg	Hcs	All Oth	Tot	Trn		Oth	Pas	Non	Trs
502T	SLIPPING/FALLING DUE LOSING/MISSING FOOTING ON STEP,STIRRUP,.....	---	---	1	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	1
507T	FALLING, SLIPPING, TRIPPING, OF ANKLE OR KNEE TURNED, NOT ELSEWHERE.....	---	---	---	1	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	2
511T	STRICKING/BEING STRUCK BY EQUIPMENT,STRUCTURES,MATERIAL,INCLUDING SWITCH/SIGNAL.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2
512T	JUMPING FROM EQUIPMENT.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3
514T	OTHER INCIDENTS WHILE GETTING ON OR OFF CARS OR LOCOMOTIVES.....	---	---	---	1	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	4
GRAND TOTAL		---	---	1	2	---	---	---	---	---	---	---	---	---	3	---	---	---	---	---	---	11

TABLE 112-B INJURIES IN TRAIN INCIDENTS TO PERSONS WHILE GETTING ON OR OFF TRAINS BY SPECIFIC OCCURRENCE AND CLASS OF PERSON, CLASS I AND CLASS II RAILROADS, 1976

Occurrence no.	Occurrences	Employees on Duty													Employees not on duty			Total Injured All Classes					
		Eng + Mtr	Fmn + Hlp	Cnd + For	Brk + Hlp	Eng + Mtr	Fmn + Hlp	Cnd + Flg	Brk + Hlp	Eng + Mtr	Fmn + Hlp	Cnd + Bag	Brk + Flg	Hcs	All Oth	Tot	Trn		Oth	Pas	Non	Trs	
501T	SLIPPING OR FALLING DUE TO LOSING OR MISSING HOLD OF GRABBAR, HANDHOLD,LADDER.....	1	---	7	44	---	1	19	44	---	---	---	---	2	6	124	---	---	---	---	---	8	
502T	SLIPPING/FALLING DUE LOSING/MISSING FOOTING ON STEP,STIRRUP,.....	6	---	33	172	6	2	32	119	---	---	---	1	3	10	384	---	---	---	1	7	392	
503T	FOOTBOARD,LADDER STEPPING OR TRIPPING ON PARTS OF TRACK IN PLACE.....	---	---	3	39	1	1	7	46	---	---	1	---	1	2	101	---	---	---	---	---	101	
504T	STEPPING OR TRIPPING ON FOREIGN MATERIAL OR IRREGULAR SURFACE.....	2	---	62	282	5	2	55	221	---	1	2	---	5	10	647	---	1	2	---	---	650	
505T	SLIPPING ON ICE OR SNOW ON GROUND.....	1	---	5	36	---	---	5	27	---	---	---	---	---	1	75	---	---	---	---	---	75	
506T	SLIPPING ON ICE OR SNOW ON CARS OR LOCOMOTIVES.....	1	---	2	8	---	---	1	4	---	---	---	---	---	1	17	---	---	---	---	---	17	
507T	FALLING, SLIPPING, TRIPPING, OF ANKLE OR KNEE TURNED, NOT ELSEWHERE.....	3	---	30	106	3	1	19	99	---	---	1	---	2	9	273	2	---	---	1	11	267	
508T	SLIPPING OR FALLING WHILE BOARDING OR ALIGHTING FROM PASSENGER.....	---	---	3	---	---	---	---	1	---	---	---	---	5	9	---	---	19	1	1	---	30	
509T	SLIPPING OR FALLING ON STATION PLATFORM.....	---	---	---	---	---	---	---	1	---	---	---	---	---	1	---	---	---	---	---	---	2	
510T	STRICKING BODY OR FALLING DUE TO SUDDEN MOVEMENT OF EQUIPMENT.....	---	---	11	45	2	1	16	28	---	---	---	1	---	8	114	---	---	---	---	---	3	
511T	STRICKING/BEING STRUCK BY EQUIPMENT,STRUCTURES,MATERIAL,INCLUDING SWITCH/SIGNAL.....	2	---	10	76	---	---	2	30	---	---	1	---	3	124	---	---	1	1	4	---	130	
512T	JUMPING FROM EQUIPMENT.....	3	---	2	46	5	1	8	26	1	---	---	---	1	9	102	1	---	14	2	23	142	
513T	DEFECTIVE EQUIPMENT.....	---	---	4	31	1	---	4	17	---	---	1	---	---	2	60	---	---	---	---	---	60	
514T	OTHER INCIDENTS WHILE GETTING ON OR OFF CARS OR LOCOMOTIVES.....	5	2	23	95	6	5	21	104	---	---	---	---	3	8	274	---	---	3	1	19	297	
GRAND TOTAL		24	2	192	983	31	14	191	767	1	1	6	---	2	17	74	2305	3	1	40	7	76	2432

NOTE: Bag = Baggage men  
 Brk = Brake men  
 Cnd = Conductors  
 Eng = Engineers  
 Flg = Flag men  
 Fmn = Fire men  
 For = Fore men  
 Hlp = Helpers  
 Hos = Hostlers  
 Mtr = Motor men  
 Non = Non Trespassers  
 Oth = Others  
 Pas = Passengers  
 Trn = Train men  
 Trs = Trespassers

TABLE 112-C FATALITIES IN TRAIN INCIDENTS TO PERSONS AT GRADE CROSSINGS BY SPECIFIC OCCURRENCE AND CLASS OF PERSON, CLASS I AND CLASS II RAILROADS, 1976

Occurrence no.	Occurrences	Employees on Duty																	Employees not on duty			Other Persons			Total Killed All Classes
		Yard Service				Freight				Road Service				Passenger					Trn	Oth	Tot	Trn	Oth	Fas	
Eng	Fmn	Cnd	Brk	Eng	Fmn	Brk	Eng	Fmn	Brk	Eng	Fmn	Cnd	Bag	Flg	Hcs	All	Oth	Tot							Trn
		Mtr	Hlp	For	Hlp	Mtr	Hlp	Cnd	Flg	Mtr	Hlp	Cnd	Bag	Flg	Hcs	All	Oth	Tot	Trn	Oth	Fas	Non	Trs		
601T	PEDESTRIAN STRUCK BY TRAIN.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21	25	46	
602T	MOTOR VEHICLE STRUCK BY TRAIN.....	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	1	---	---	780	39	821	
603T	OTHER VEHICLE, MACHINE OR ANIMAL STRUCK BY TRAIN.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8	3	11	
604T	PEDESTRIAN RAN INTO TRAIN, OR PASSING OVER, THROUGH, OR UNDER CARS.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	3	7	
605T	MOTOR VEHICLE RAN INTO TRAIN.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	86	2	90	
609T	OTHER ACCIDENTS/INCIDENTS AT PUBLIC RAIL-HIGHWAY CROSSINGS.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	---	3	
GRAND TOTAL.....		---	---	---	---	---	---	1	---	---	---	---	---	---	---	1	1	---	---	---	---	904	72	978	

TABLE 112-D INJURIES IN TRAIN INCIDENTS TO PERSONS AT GRADE CROSSINGS BY SPECIFIC OCCURRENCE AND CLASS OF PERSON, CLASS I AND CLASS II RAILROADS, 1976

Occurrence no.	Occurrences	Employees on Duty																	Employees not on duty			Other Persons			Total Injured All Classes
		Yard Service				Freight				Road Service				Passenger					Trn	Oth	Tot	Trn	Oth	Fas	
Eng	Fmn	Cnd	Brk	Eng	Fmn	Brk	Eng	Fmn	Brk	Eng	Fmn	Cnd	Bag	Flg	Hcs	All	Oth	Tot							Trn
		Mtr	Hlp	For	Hlp	Mtr	Hlp	Cnd	Flg	Mtr	Hlp	Cnd	Bag	Flg	Hcs	All	Oth	Tot	Trn	Oth	Fas	Non	Trs		
601I	PEDESTRIAN STRUCK BY TRAIN.....	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	16	12	29	
602I	MOTOR VEHICLE STRUCK BY TRAIN.....	1	---	---	5	10	2	8	17	---	---	---	---	1	---	11	55	1	---	---	10	2926	114	3108	
603I	OTHER VEHICLE, MACHINE OR ANIMAL STRUCK BY TRAIN.....	---	---	---	---	1	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	17	4	23	
604I	PEDESTRIAN RAN INTO TRAIN, OR PASSING OVER, THROUGH, OR UNDER CARS.....	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5	5	11	
605I	MOTOR VEHICLE RAN INTO TRAIN.....	---	---	---	5	---	---	1	6	---	---	---	---	---	---	1	13	---	---	---	---	843	44	900	
609I	OTHER ACCIDENTS/INCIDENTS AT PUBLIC RAIL-HIGHWAY CROSSINGS.....	---	---	---	1	---	1	1	---	---	---	---	---	---	---	6	9	---	---	---	---	44	2	55	
GRAND TOTAL.....		1	---	---	12	12	3	10	24	---	---	---	---	1	---	16	61	---	---	---	---	10	3653	161	4126



TABLE 112-E FATALITIES IN RAPID TRANSIT INCIDENTS TO PERSONS WHILE GETTING ON OR OFF TRAINS  
BY SPECIFIC OCCURRENCE AND CLASS OF PERSON, 1976

Occurrence no.	Occurrences	E m p l o y e e s o n D u t y													All Oth	Tot	Employees not on duty			Total Killed All Classes					
		Yard Service				Freight				Passenger							Trn	Oth	Fas		Non	Trs			
		Eng	Fnn	Cnd	Brk	Eng	Fnn	Brk	Eng	Fnn	Brk	Eng	Fnn	Brk											
Mtr	Hlp	For	Hlp	Mtr	Hlp	Cnd	Flg	Mtr	Hlp	Cnd	Bag	Flg	Hcs												
506T	SLIPPING OR FALLING WHILE BOARDING OR ALIGHTING FROM PASSENGER EQUIPMENT																				1			1	
	GRAND TOTAL																					1			1

TABLE 112-F INJURIES IN RAPID TRANSIT INCIDENTS TO PERSONS WHILE GETTING ON OR OFF TRAINS  
BY SPECIFIC OCCURRENCE AND CLASS OF PERSON, 1976

Occurrence no.	Occurrences	E m p l o y e e s o n D u t y													All Oth	Tot	Employees not on duty			Total Injured All Classes				
		Yard Service				Freight				Passenger							Trn	Oth	Fas		Non	Trs		
		Eng	Fnn	Cnd	Brk	Eng	Fnn	Brk	Eng	Fnn	Brk	Eng	Fnn	Brk										
Mtr	Hlp	For	Hlp	Mtr	Hlp	Cnd	Flg	Mtr	Hlp	Cnd	Bag	Flg	Hcs											
506T	SLIPPING ON ICE OR SNOW ON CARS OR LOCOMOTIVES																							1
508T	SLIPPING OR FALLING WHILE BOARDING OR ALIGHTING FROM PASSENGER EQUIPMENT											1												49
509T	SLIPPING OR FALLING ON STATION PLATFORM																							49
510T	STRIKING BODY OR FALLING DUE TO SUDDEN MOVEMENT OF EQUIPMENT																1							7
511T	STRIKING/BEING STRUCK BY EQUIPMENT, STRUCTURES, MATERIAL, INCLUDING SWITCH/SIGNAL											1												1
512T	JUMPING FROM EQUIPMENT											1												1
514T	OTHER INCIDENTS WHILE GETTING ON OR OFF CARS OR LOCOMOTIVES																							7
	GRAND TOTAL											1					1							113

NOTE: Bag = Baggage men  
Brk = Brakemen  
Cnd = Conductors  
Eng = Engineers  
Flg = Flagmen  
Fnn = Firemen  
For = Foremen  
Hlp = Helpers  
Hcs = Hostlers  
Mtr = Motormen  
Non = Non Trespassers  
Oth = Others  
Pas = Passengers  
Trn = Trainmen  
Trs = Trespassers

TABLE 112-H INJURIES IN RAPID TRANSIT INCIDENTS TO PERSONS AT RAIL-HIGHWAY GRADE CROSSINGS BY SPECIFIC OCCURRENCE AND CLASS OF PERSON, 1976

Occurrence no.	Occurrences	Employees on Duty														Employees not on duty			Other Persons			Total Injured All Classes		
		Yard Service				Freight				Road Service				Passenger		Trn	Oth	Pas	Non	Trs				
		Eng	Fnn	Cnd	Brk	Eng	Fnn	Cnd	Brk	Eng	Fnn	Cnd	Brk	Eng	Fnn						All		Oth	Tot
601T	PEDESTRIAN STRUCK BY TRAIN																						2	2
602T	MOTOR VEHICLE STRUCK BY TRAIN																						1	2
GRAND TOTAL																							1	4

TABLE 112-J ILLNESSES IN TRAIN INCIDENTS TO PERSONS WHILE GETTING ON OR OFF TRAINS BY SPECIFIC OCCURRENCE AND CLASS OF PERSON, CLASS I AND CLASS II RAILROADS, 1976

Occurrence no.	Occurrences	Employees on Duty														Employees not on duty			Other Persons			Total Illnesses All Classes			
		Yard Service				Freight				Road Service				Passenger		Trn	Oth	Pas	Non	Trs					
		Eng	Fnn	Cnd	Brk	Eng	Fnn	Cnd	Brk	Eng	Fnn	Cnd	Brk	Eng	Fnn						All		Oth	Tot	
502T	SLIPPING/FALLING DUE LOSING/MISSING FOOTING ON STEP, STIRRUP, PCOTBOARD, LADDER																						1	1	
GRAND TOTAL																								1	1

TABLE 113-A FATALITIES IN TRAIN INCIDENTS TO PERSONS STRUCK OR RUN OVER AT PLACES OTHER THAN RAIL-HIGHWAY CROSSINGS - BY SPECIFIC OCCURRENCE AND CLASS OF PERSON, CLASS I AND CLASS II RAILROADS, 1976

Occurrence no.	Occurrences	Employees on Duty														Employees not on duty			Other Persons			Total Killed All Classes									
		Yard Service				Freight				Road Service				Passenger		Trn	Oth	Pas	Non	Trs											
		Eng	Fnn	Cnd	Brk	Eng	Fnn	Cnd	Brk	Eng	Fnn	Cnd	Brk	Eng	Fnn						All		Oth	Tot							
7C1T	STANDING, WALKING OR RUNNING ON OR ALONG TRACK																							1	2	1	2	69	94		
7C2T	CROSSING TRACK AT PRIVATE CROSSING																											4	1	5	
7C3T	CROSSING TRACK NOT AT CROSSING																											1	32	34	
7C5T	ON BRIDGES OR TRESTLES																												13	14	
7C6T	SITTING OR LYING ON TRACK OR NEAR TRACK NOT IN CLEAR																											2	82	84	
7C7T	WHILE WORKING ON OR ALONG TRACK																												1	7	
7C9T	OTHER ACCIDENTS/INCIDENTS AT OTHER THAN PUBLIC RAIL-HIGHWAY CROSSINGS																											1	1	1	
GRAND TOTAL																													11	253	277

NOTE: Bag = Baggage men  
 Brk = Brakemen  
 Cnd = Conductors  
 Eng = Engineers  
 Flg = Flagmen  
 Fnn = Firemen  
 For = Foremen  
 Hlp = Helpers  
 Hos = Hostlers  
 Mtr = Motormen  
 Ncn = Non Trespassers  
 Oth = Others  
 Pas = Passengers  
 Trn = Trainmen  
 Trs = Trespassers

TABLE 113-B INJURIES IN TRAIN INCIDENTS TO PERSONS STRUCK OR RUN OVER AT PLACES OTHER THAN RAIL-HIGHWAY CROSSINGS - BY SPECIFIC OCCURRENCE AND CLASS OF PERSON, CLASS I AND CLASS II RAILROADS, 1976

Occurrence no.	Occurrences	Employees on Duty														Employees not on duty			Other Persons			Total Injured All Classes						
		Yard Service				Freight				Passenger				Erk	Hcs	All Oth	Tot	Trn	Oth	Fas	Non		Trs					
		Eng	Fnn	Cnd	Brk	Eng	Fnn	Cnd	Brk	Eng	Fnn	Cnd	Brk											Eng	Fnn	Cnd	Bag	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					
701T	STANDING, WALKING OR RUNNING ON OR ALONG TRACK			2	7				3	3									4	19						6	82	109
702T	CROSSING TRACK AT PRIVATE CROSSING																				1	2				23		26
703T	CROSSING TRACK NOT AT CROSSING																			2	3	1				1	34	39
704T	WHILE ON PUBLIC THOROUGHFARE																									2		2
705T	ON BRIDGES OR TRESTLES																										13	13
706T	SITTING OR LYING ON TRACK OR NEAR TRACK NOT IN CLEAR																										59	59
707T	WHILE WORKING ON OR ALONG TRACK			4	8				2	3										6	23					2	2	27
709T	OTHER ACCIDENTS/INCIDENTS AT OTHER THAN PUBLIC RAIL-HIGHWAY CROSSINGS				2	1														4	7					9	42	56
GRAND TOTAL				6	17	1			5	7									16	52	2	2			45	232	333	

TABLE 113-C FATALITIES IN TRAIN INCIDENTS TO PERSONS STRUCK OR RUN OVER AT PLACES OTHER THAN RAIL-HIGHWAY CROSSINGS - BY SPECIFIC OCCURRENCE AND CLASS OF PERSON, RAPID TRANSIT CARRIERS, 1976

Occurrence no.	Occurrences	Employees on Duty														Employees not on duty			Other Persons			Total Killed All Classes							
		Yard Service				Freight				Passenger				Erk	Hcs	All Oth	Tot	Trn	Oth	Fas	Non		Trs						
		Eng	Fnn	Cnd	Brk	Eng	Fnn	Cnd	Brk	Eng	Fnn	Cnd	Brk											Eng	Fnn	Cnd	Bag		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
701T	STANDING, WALKING OR RUNNING ON OR ALONG TRACK																									1		41	42
706T	SITTING OR LYING ON TRACK OR NEAR TRACK NOT IN CLEAR																										1		1
709T	OTHER ACCIDENTS/INCIDENTS AT OTHER THAN PUBLIC RAIL-HIGHWAY CROSSINGS																									1	1		2
GRAND TOTAL																										2	2	41	45

TABLE 113-D INJURIES IN TRAIN INCIDENTS TO PERSONS STRUCK OR RUN OVER AT PLACES OTHER THAN RAIL-HIGHWAY CROSSINGS - BY SPECIFIC OCCURRENCE AND CLASS OF PERSON, RAPID TRANSIT CARRIERS, 1976

Occurrence no.	Occurrences	Employees on Duty														Employees not on duty			Other Persons			Total Injured All Classes							
		Yard Service				Freight				Passenger				Erk	Hcs	All Oth	Tot	Trn	Oth	Fas	Non		Trs						
		Eng	Fnn	Cnd	Brk	Eng	Fnn	Cnd	Brk	Eng	Fnn	Cnd	Brk											Eng	Fnn	Cnd	Bag		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
701T	STANDING, WALKING OR RUNNING ON OR ALONG TRACK																										1	33	34
703T	CROSSING TRACK NOT AT CROSSING																											1	1
707T	WHILE WORKING ON OR ALONG TRACK																			1		1	2					2	
709T	OTHER ACCIDENTS/INCIDENTS AT OTHER THAN PUBLIC RAIL-HIGHWAY CROSSINGS																			2			2			4	39	1	46
GRAND TOTAL																				3		1	4			4	40	35	83

NOTE: Bag = Baggagemen  
 Brk = Brakemen  
 Cnd = Conductors  
 Eng = Engineers  
 Flg = Flagmen  
 Fnn = Firemen  
 For = Foremen  
 Hlp = Helpers  
 Hcs = Hostlers  
 Mtr = Motormen  
 Non = Non Trespassers  
 Oth = Others  
 Pas = Passengers  
 Trn = Trainmen  
 Trs = Trespassers

TABLE 114-A FATALITIES IN MISCELLANEOUS TRAIN INCIDENTS NOT ELSEWHERE CLASSIFIABLE  
BY SPECIFIC OCCURRENCE AND CLASS OF PERSON, CLASS I AND CLASS II RAILROADS, 1976

Occurrence no.	Occurrences	Employees on Duty													All Oth	Tot	Employees not on duty			Total killed All Classes
		Yard Service			Freight			Road Service			Passenger			Trn			Oth	Pas		
		Eng	Fan	Cnd	Brk	Eng	Fan	Brk	Eng	Fan	Brk	Eng	Fan	Brk						
		Mtr	Hlp	For	Hlp	Mtr	Hlp	Cnd	Flg	Mtr	Hlp	Cnd	Bag	Flg	Hos					
	FREIGHT, BAGGAGE, EXPRESS OR MAIL																			
802T	STRUCK OR CAUGHT BY SHIFTED LADING																			4
	SUBTOTAL																			4
	STUMBLING, FALLING, CAUGHT, ETC. WHILE ON TRAIN																			
830T	WHILE ON PASSENGER CAR																			1
831T	WHILE ON LOCOMOTIVE OR CAR OTHER THAN PASSENGER																			3
	SUBTOTAL																			3
	FLYING OR FALLING OBJECTS, BURNS AND SIMILAR CAUSES																			
851T	STRUCK BY FLYING OR FALLING OBJECT																			1
	SUBTOTAL																			1
	OTHER CAUSES																			
860T	CROSSING OVER, UNDER, OR BETWEEN LOCOMOTIVES OR CARS																			1
862T	SUDDEN MOVEMENT OF CAR, NOC																			2
864T	STRIKING OR BEING STRUCK BY EQUIPMENT, STRUCTURES, OR MATERIAL, NOC																			2
902T	USE OF PORTABLE POWER TOOLS																			1
918T	TRACK MOTORCARS OR OTHER ROADWAY MACHINES LEAVING TRACK WHILE IN NOTION																			1
989T	CAUSE CODE NOT LISTED, EXPLAIN IN NARRATIVE																			2
	SUBTOTAL																			1
	GRAND TOTAL																			1

NOTE: Bag = Baggage men  
Brk = Brakemen  
Cnd = Conductors  
Eng = Engineers  
Flg = Flagmen  
Fan = Firemen  
For = Foremen  
Hlp = Helpers  
Hos = Hostlers  
Mtr = Motormen  
Ncn = Non Trespassers  
Oth = Others  
Pas = Passengers  
Trn = Trainmen  
Tps = Trespassers

TABLE 119-B INJURIES IN MISCELLANEOUS TRAIN INCIDENTS NOT ELSEWHERE CLASSIFIABLE BY SPECIFIC OCCURRENCE AND CLASS OF PERSON, CLASS I AND CLASS II RAILROADS, 1976

Occurrence no.	Occurrences	Employees on Duty											Employees not on duty			Total Injured All Classes							
		Yard Service		Freight					Road Service				Passenger		Trn		Oth	Pas	Non	Trs			
		Eng	Fan	Cnd	Bk	Eng	Fan	Cnd	Bk	Eng	Fan	Cnd	Bag	Flg		Hos					All Oth	Tot	
FREIGHT, BAGGAGE, EXPRESS OR MAIL																							
801T	HANDLING FREIGHT, BAGGAGE, EXPRESS OR MAIL												2			4	6			4		10	
802T	STRUCK OR CAUGHT BY SWIFTED LOADING			2	2			1														7	
803T	TRIPPING OVER, OR STRUCK BY FALLING BAGGAGE IN PASSENGER CAR												1				1			1		2	
809T	OTHER															7	7					7	
	SUBTOTAL			2	2			1					3			11	19			1	8	26	
WINDOWS, DOORS, ETC.																							
810T	CLOSING OR OPENING FREIGHT OR BAGGAGE CAR DOORS, DEFECTIVE EQUIPMENT			1					1				1			2	5					5	
811T	CLOSING OR OPENING FREIGHT OR BAGGAGE CAR DOORS, NO DEFECTS				1					1						2	4					4	
812T	CLOSING OR OPENING COACH TRAP DOORS									1			4			12	22					36	
813T	INTERIOR DOORS									1			2			7	25			10	1	22	
814T	WINDOWS	3								1			3				17			3		20	
819T	OTHER ACCIDENTS/INCIDENTS INVOLVING WINDOWS OR DOORS			6	16	6	2	4	25	2			3			28	97			8		106	
	SUBTOTAL	3		7	22	7	3	6	34	3	2	17	2	13		51	170			21	1	193	
SERVICING/MAINTENANCE ACCIDENTS INVOLVING TRAIN OPERATION																							
820T	LOCOMOTIVE OR CAR BEING REPAIRED ON THE ROAD OR IN THE YARD				2	1										6	9					9	
821T	PERFORMING RERAILING OR OTHER CLEARING OPERATIONS															1	1					1	
822T	TRAIN-MOTORCAR COLLISION OR JUMPING OFF EQUIPMENT IN ANTICIPATION OF COLLISION				1					2	1					3	9					9	
823T	OTHER SERVICING OR MAINTENANCE ACCIDENTS/INCIDENTS					3	1	1								3	10	18			1	19	
	SUBTOTAL				3	4	1	1	2	1					2	3	20	37			1	36	
STUMBLING, FALLING, CAUGHT, ETC. WHILE ON TRAIN																							
830T	WHILE ON PASSENGER CAR				1			1					15		7	43	67			96		164	
831T	WHILE ON LOCOMOTIVE OR CAR OTHER THAN PASSENGER	4	2	14	73	6	1	25	62	1	1				1	12	202			5	12	219	
833T	CAUGHT BY SIDE DOORS WHILE EXITING COACH															1						1	
	SUBTOTAL	4	2	14	74	6	1	26	62	1	1	15		8	1	55	270			96	5	384	
NOT ON TRAIN																							
840T	ON SNOW OR ICE			1	5			3	1							1	11					11	
841T	ON FOREIGN MATERIAL OR IRREGULAR SURFACE	1			19	1		4	12		1	1				2	41					41	
842T	ON PARTS OF TRACK IN PLACE				3	1			3								7					7	
843T	ON STAIRWAYS, RAMPS, OR PLATFORMS								2	1							3				1	4	
844T	FROM STRUCTURES OR INTO DEPRESSIONS				5	1			3								9					9	
845T	BETWEEN LOCOMOTIVE OR CAR AND OTHER CARS AND STRUCTURES			1	2		1	1	1							1	8			2		11	
849T	OTHER			1	5				2							3	10			1		11	
	SUBTOTAL	1		3	39	3	1	10	22		1	1		1		7	89			1	2	94	
FLYING OR FALLING OBJECTS, BURNS AND SIMILAR CAUSES																							
850T	FOREIGN OBJECT IN EYE	57	11	31	216	122	39	73	269	12	6	12	1	10	8	25	914			5		919	
851T	STRUCK BY FLYING OR FALLING OBJECT	4	1	5	27	6	4	20	44	8	2	4		3	1	24	153			22		176	
852T	ELECTRICAL FLASH, SHOCK, OR BURN					1	1		2					1		1	6					6	
853T	FIRE OR EXPLOSION OF FUSERS OR TORPEDOES			1	1		1		2							1	6					6	
854T	OTHER FIRE OR EXPLOSION			2					2								4					4	
855T	BURNED BY HOT OR CORROSIVE SUBSTANCES	3			9		2		6		1				1	26	46			2		50	
859T	OTHER		1	1	3		3	1	3			1				5	18					18	
	SUBTOTAL	64	13	40	258	129	50	94	348	20	9	17	1	14	10	82	1149			29		1179	
OTHER CAUSES																							
860T	CROSSING OVER, UNDER, OR BETWEEN LOCOMOTIVES OR CARS	1		1	6			1	6							6	23		1	1		39	
861T	LOCOMOTIVE OR CAR COMING AGAINST CAR PLACED FOR LOADING OR UNLOADING	5	2	2	14	2		5	6		1					7	44			3		47	
862T	SUDDEN MOVEMENT OF CAR, NOC	8	3	11	63	5	1	39	61				6			47	246			4	7	259	
863T	SLACK ACTION	22	3	34	64	12	8	223	264						2	24	656				1	2	659
864T	STRIKING OR BEING STRUCK BY EQUIPMENT, STRUCTURES, OR MATERIAL, NOC	4		16	50	6	4	9	33		1	2		1	2	21	149			1		155	
865T	EMERGENCY OR SEVERE APPLICATION OF AIR BRAKES DUE TO DEFECTIVE EQUIPMENT			1	1			20	15							1	38					38	
866T	EMERGENCY OR SEVERE APPLICATION OF AIR BRAKES NOT DUE TO DEFECTIVE EQUIPMENT			7	11	10	2	75	70			2		1		7	185			13		198	
869T	OTHER	1	3	2	13	3	1	3	12		1					7	46					47	
901T	USE OF HAND TOOLS							1	1							9	11				1	12	
903T	USE OF WELDING EQUIPMENT															1	1					1	
904T	USE OF CUTTING AND GRINDING EQUIPMENT															1	1					1	
905T	USE OF SCAFFOLDS, LADDERS, ETC.			1												1	2					2	
906T	USE OF CRANES, HOISTS, DEBRICKS, FILEDRIVERS, ETC.								2							6	8					9	

NOTE: Bag = Baggage-men  
 Bk = Brakemen  
 Cnd = Conductors  
 Eng = Engineers  
 Flg = Flagmen  
 Fan = Firemen  
 For = Foremen  
 Hlp = Helpers  
 Hos = Hostlers  
 Htr = Motormen  
 Non = Non Trespassers  
 Oth = Others  
 Pas = Passengers  
 Trn = Trainmen  
 Trs = Trespassers

(CONT.)

TABLE 114-B INJURIES IN MISCELLANEOUS TRAIN INCIDENTS NOT ELSEWHERE CLASSIFIABLE  
BY SPECIFIC OCCURRENCE AND CLASS OF PERSON, CLASS I AND CLASS II RAILROADS, 1976

Occurrence no.	Occurrences	E m p l o y e e s   o n   D u t y														E m p l o y e e s n o t   o n d u t y		O t h e r P e r s o n s			Total Injured All Classes	
		Tard Service				Freight				Road Service				All Oth	Tot	Trn	Oth	Pas	Non	Trs		
		Eng + Mtr	Fan + Hlp	Cnd + For	Brk + Hlp	Eng + Mtr	Fan + Hlp	Cnd	Brk + Flg	Eng + Mtr	Fan + Hlp	Cnd	Bag									Brk + Flg
OTHER CAUSES (CONT.)																						
907T	USE OF LIFT TRUCKS AND OTHER PORTABLE MATERIAL HANDLING EQUIPMENT.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	4	---	---	---	---	4
908T	USE OF SHOP MACHINERY NOT ELSEWHERE CLASSIFIED.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	2	---	---	---	---	2
909T	USE OF MAINTENANCE OF WAY EQUIPMENT OR ELSEWHERE CLASSIFIED.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	4	---	---	---	---	4
910T	INSERTING-REMOVING TIES, SWITCH TIMBERS, TIE PLATES, FASTENINGS USING HAND TOOLS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	2	---	---	---	---	2
911T	INSERTING-REMOVING TIES, SWITCH TIMBERS, TIE PLATES, FASTENINGS USING POWER TOOLS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	---	---	---	---	1
912T	LOADING OR UNLOADING TIES, SWITCH TIMBERS, TIE PLATES AND FASTENINGS.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6	6	---	---	---	---	6
913T	LOADING AND UNLOADING OTHER MATERIALS.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7	7	---	---	---	---	7
914T	HANDLING RAIL BY USE OF POWER TOOLS.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	4	---	---	---	---	4
915T	HANDLING RAIL BY USE OF HAND TOOLS.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	3	---	---	---	---	3
916T	HANDLING MATERIAL BY HAND.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6	10	---	---	---	---	10
918T	TRACK MOTORCARS OR OTHER ROADWAY MACHINES LEAVING TRACK WHILE IN MOTION	---	---	2	6	---	---	1	---	2	---	---	---	---	1	123	135	---	---	---	1	136
919T	OTHER ACCIDENTS/INCIDENTS INVOLVING USE OF TRK MTRCARS OR OTHER ROADWAY MACHINES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	46	46	---	---	---	---	47
920T	MOTOR VEHICLE ACCIDENTS/INCIDENTS	---	---	---	---	1	---	---	---	---	---	---	---	---	---	20	21	---	---	---	1	23
924T	UNEXPECTED MOVEMENT OF EQUIPMENT.	2	---	14	16	1	---	7	14	---	---	1	---	---	2	154	211	---	1	5	7	1 225
926T	STRUCK BY FLYING OBJECTS.	---	---	1	3	---	---	5	1	1	---	---	---	---	5	16	---	---	---	2	---	18
931T	EMERSION OF OR CONTACT WITH FUMES OR GASES.	---	---	---	---	---	---	1	1	3	---	---	---	---	1	5	11	---	---	---	---	11
932T	MOVING EQUIPMENT FOR REPAIRS.	---	---	---	3	---	---	---	---	---	---	---	---	---	44	47	---	---	---	---	---	47
933T	ASSAULT TO PERSONS ON TRAINS, LOCOMOTIVES OR CARS.	2	1	---	8	17	3	26	49	2	---	1	---	---	2	112	---	---	---	7	3 122	
934T	ASSAULT TO PERSONS NOT ON TRAINS, LOCOMOTIVES, OR CARS.	1	---	1	---	---	---	---	---	---	---	---	---	---	1	2	---	---	---	---	---	2
935T	HORSEPLAY.	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	---	---	---	---	---	1
969T	CAUSE CODE NOT LISTED, EXPLAIN IN NARRATIVE.	2	1	4	6	1	2	6	6	---	---	1	---	---	37	66	---	---	---	6	1 73	
	SUBTOTAL	48	13	97	266	58	22	424	545	5	3	12	1	9	4	614	2121	3	3	37	25	26 2215
	GRAND TOTAL	120	26	163	664	207	78	562	1013	30	16	62	7	47	18	840	3855	4	4	186	37	43 4129

TABLE 114-C FATALITIES IN MISCELLANEOUS TRAIN INCIDENTS NOT ELSEWHERE CLASSIFIABLE  
BY SPECIFIC OCCURRENCE AND CLASS OF PERSON, RAPID TRANSIT CARRIERS, 1976

Occurrence no.	Occurrences	E m p l o y e e s   o n   D u t y														E m p l o y e e s n o t   o n d u t y		O t h e r P e r s o n s			Total Killed All Classes	
		Tard Service				Freight				Road Service				All Oth	Tot	Trn	Oth	Pas	Non	Trs		
		Eng + Mtr	Fan + Hlp	Cnd + For	Brk + Hlp	Eng + Mtr	Fan + Hlp	Cnd	Brk + Flg	Eng + Mtr	Fan + Hlp	Cnd	Bag									Brk + Flg
STUNBLING, FALLING, CAUGHT, ETC. WHILE ON TRAIN																						
830T	WHILE ON PASSENGER CAR.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	---	2
834T	DRAGGED BY TRAIN WHILE CAUGHT IN SIDE DOORS, ENTERING COACH.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	1
	SUBTOTAL	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	---	3
NOT ON TRAIN																						
845T	BETWEEN LOCOMOTIVE OR CAR AND OTHER CARS AND STRUCTURES.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	---	2
	SUBTOTAL	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	---	2
OTHER CAUSES																						
934T	ASSAULT TO PERSONS NOT ON TRAINS, LOCOMOTIVES, OR CARS.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	---	2
969T	CAUSE CODE NOT LISTED, EXPLAIN IN NARRATIVE.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	1
	SUBTOTAL	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	---	3
	GRAND TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8	---	8

NOTE: Bag = Baggagemen  
Brk = Brakemen  
Cnd = Conductors  
Eng = Engineers  
Flg = Flagmen  
Fan = Firemen  
For = Foremen  
Hlp = Helpers  
Hcs = Hostlers  
Mtr = Motormen  
Non = Non Trespassers  
Oth = Others  
Pas = Passengers  
Trn = Trainmen  
Trs = Trespassers

TABLE 119-D INJURIES IN MISCELLANEOUS BY SPECIFIC OCCURRENCE AND CLASS

Occurrence no.	Occurrences	Tard Service				
		Eng Mtr	Fsn Hlp	Cnd For	Brk Hlp	E Mtr
FREIGHT, BAGGAGE, EXPRESS OR MAIL						
802T	STRUCK OR CAUGHT BY SNIPTED LADING.....	---	---	---	---	---
803T	TRIPPING OVER, OR STRUCK BY FALLING BAGGAGE IN PASSENGER CAR.....	---	---	---	---	---
	SUBTOTAL.....	---	---	---	---	---
WINDOWS, DOORS, ETC.						
813T	INTERIOR DOORS.....	---	---	---	---	---
814T	WINDOWS.....	---	---	---	---	---
819T	OTHER ACCIDENTS/INCIDENTS INVOLVING WINDOWS OR DOORS.....	---	---	---	---	---
	SUBTOTAL.....	---	---	---	---	---
STUMBLING, FALLING, CAUGHT, ETC. WHILE ON TRAIN						
830T	WHILE ON PASSENGER CAR.....	---	---	---	---	---
831T	WHILE ON LOCOMOTIVE OR CAR OTHER THAN PASSENGER.....	---	---	---	---	---
832T	CAUGHT BY SIDE DOORS WHILE ENTERING COACH.....	---	---	---	---	---
833T	CAUGHT BY SIDE DOORS WHILE EXITING COACH.....	---	---	---	---	---
834T	DAGGED BY TRAIN WHILE CAUGHT IN SIDE DOORS, ENTERING COACH.....	---	---	---	---	---
835T	DAGGED BY TRAIN WHILE CAUGHT IN SIDE DOORS, EXITING COACH.....	---	---	---	---	---
836T	STRUCK BY SIDE DOORS WHILE ENTERING COACH.....	---	---	---	---	---
837T	STRUCK BY SIDE DOORS WHILE EXITING COACH.....	---	---	---	---	---
	SUBTOTAL.....	---	---	---	---	---
NOT ON TRAIN						
841T	ON FOREIGN MATERIAL OR IRREGULAR SURFACE.....	1	---	---	---	---
843T	ON STAIRWAYS, RAMPS, OR PLATFORMS.....	---	---	---	---	---
844T	FROM STRUCTURES OR INTO DEPRESSIONS.....	---	---	---	---	---
845T	BETWEEN LOCOMOTIVE OR CAR AND OTHER CARS AND STRUCTURES.....	---	---	---	---	---
845T	OTHER.....	---	---	---	---	---
	SUBTOTAL.....	1	---	---	---	---
FLYING OR FALLING OBJECTS, BURNS AND SIMILAR CAUSES						
850T	FOREIGN OBJECT IN EYE.....	---	---	---	---	---
851T	STRUCK BY FLYING OR FALLING OBJECT.....	---	---	---	---	1
852T	ELECTRICAL FLASH, SHOCK, OR BURN.....	---	---	---	---	1
855T	BURNED BY HOT OR CORROSIVE SUBSTANCES.....	---	---	---	---	---
859T	OTHER.....	---	---	---	---	---
	SUBTOTAL.....	---	---	---	---	1
OTHER CAUSES						
860T	CROSSING OVER, UNDER, OR BETWEEN LOCOMOTIVES OR CARS.....	---	---	---	---	---
861T	LOCOMOTIVE OR CAR COMING AGAINST CAR PLACED FOR LOADING OR UNLOADING.....	---	---	---	---	---
862T	SUDDEN MOVEMENT OF CAR, NOC.....	---	---	---	---	---
863T	SLACK ACTION.....	---	---	---	---	---
864T	STRIKING OR BEING STRUCK BY EQUIPMENT, STRUCTURES, OR MATERIAL, NOC.....	---	---	---	---	---
866T	EMERGENCY OR SEVERE APPLICATION OF AIR BRAKES NOT DUE TO DEFECTIVE EQUIPMENT.....	---	---	---	---	---
869T	OTHER.....	---	---	---	---	---
913T	LOADING AND UNLOADING OTHER MATERIALS.....	---	---	---	---	---
915T	HANDLING RAIL BY USE OF HAND TOOLS.....	---	---	---	---	---
916T	HANDLING MATERIAL BY HAND.....	---	---	---	---	---
924T	UNEXPECTED MOVEMENT OF EQUIPMENT.....	---	---	---	---	---
926T	STRUCK BY FLYING OBJECTS.....	---	---	---	---	---
931T	INHALATION OF OR CONTACT WITH FUMES OR GASES.....	---	---	---	---	---
932T	MOVING EQUIPMENT FOR REPAIRS.....	---	---	---	---	---
933T	ASSAULT BY PERSONS ON TRAINS, LOCOMOTIVES OR CARS.....	---	---	---	---	---
989T	CAUSE CODE NOT LISTED, EXPLAIN IN NARRATIVE.....	---	---	---	---	---
	SUBTOTAL.....	---	---	---	---	---
GRAND TOTAL.....		1	---	---	---	1

NOTE: Bag = Baggage-men  
 Brk = Brakemen  
 Cnd = Conductors  
 Eng = Engineers  
 Flg = Flagmen  
 Fsn = Firemen  
 For = Foremen  
 Hlp = Helpers  
 Hos = Hostlers  
 Mtr = Motormen  
 Ncn = Non Trespassers  
 Oth = Others  
 Pas = Passengers  
 Trn = Trainmen  
 Tis = Trespassers

TRAIN INCIDENTS NOT ELSEWHERE CLASSIFIABLE  
OF PERSON, RAPID TRANSIT CARRIERS, 1976

Employees on Duty.....											Employees not on duty		Other Persons.....			Total Injured All Classes
Road Service.....																
Freight.....																
Passenger.....																
Eng	Brk	Eng	Pass	Brk	Cnd	Bag	Plg	Hos	All Oth	Tot	Trn	Oth	Pas	Non	Trs	
+	+	+	+	+			+									
tr	Hp	Cnd	Flg	Mtr	Hp											
---	---	---	---	---	---	---	---	---	1	1	---	---	---	---	---	1
---	---	---	---	---	---	---	---	---	1	1	---	---	1	---	---	2
---	---	---	---	---	---	---	---	---	2	2	---	---	1	---	---	3
---	---	---	---	8	---	10	---	---	---	16	---	---	10	---	---	28
---	---	---	---	1	---	3	---	---	---	4	---	---	73	1	---	78
---	---	---	---	1	---	1	---	---	---	1	---	---	2	---	---	3
---	---	---	---	9	---	14	---	---	---	23	---	---	85	1	---	109
---	---	---	---	4	---	3	---	---	---	7	---	---	280	1	---	288
---	---	---	---	2	---	4	---	---	---	6	---	---	1	---	---	7
---	---	---	---	---	---	---	---	---	---	---	---	---	39	---	---	39
---	---	---	---	---	---	---	---	---	---	---	---	---	33	---	---	33
---	---	---	---	---	---	---	---	---	---	---	---	---	11	---	---	11
---	---	---	---	---	---	---	---	---	---	---	---	---	4	---	---	4
---	---	---	---	---	---	---	---	---	---	---	---	---	38	---	---	38
---	---	---	---	---	---	---	---	---	---	---	---	---	41	---	---	41
---	---	---	---	6	---	7	---	---	---	13	---	---	447	1	---	461
---	---	---	---	6	---	12	---	---	16	35	---	---	---	---	---	35
---	---	---	---	5	---	1	---	---	1	2	---	---	3	1	---	6
---	---	---	---	---	---	5	---	---	14	24	---	---	61	1	---	24
---	---	---	---	1	---	---	---	---	1	2	---	---	---	1	---	62
---	---	---	---	12	---	18	---	---	32	63	---	---	64	2	---	129
---	---	---	---	7	---	18	---	---	5	30	---	---	4	---	---	34
---	---	---	---	4	---	4	---	---	4	12	---	---	90	---	---	102
---	---	---	---	4	---	1	---	---	6	12	---	---	---	---	---	12
---	---	---	---	---	---	1	---	---	1	1	---	---	---	---	---	1
---	---	---	---	15	---	24	---	---	16	56	---	---	94	---	---	150
---	---	---	---	---	---	---	---	---	---	---	---	---	18	---	---	18
---	---	---	---	---	---	2	---	---	2	4	---	---	1	---	---	1
---	---	---	---	---	---	---	---	---	5	5	---	---	43	---	---	47
---	---	---	---	15	---	14	---	---	18	47	---	---	1	---	---	48
---	---	---	---	---	---	1	---	---	---	1	---	---	1	---	---	2
---	---	---	---	---	---	1	---	---	---	5	---	---	---	---	---	1
---	---	---	---	---	---	5	---	---	---	1	---	---	---	---	---	5
---	---	---	---	---	---	1	---	---	---	1	---	---	---	---	---	1
---	---	---	---	19	---	8	---	---	40	67	---	---	---	---	---	67
---	---	---	---	16	---	5	---	---	1	6	---	---	13	---	---	19
---	---	---	---	16	---	3	---	---	1	20	---	---	---	---	---	20
---	---	---	---	1	---	2	---	---	4	7	---	---	---	---	---	7
---	---	---	---	---	---	1	---	1	3	5	---	---	---	---	---	5
---	---	---	---	16	---	42	---	---	17	75	---	---	90	---	---	165
---	---	---	---	3	---	3	---	---	10	16	---	---	11	---	---	27
---	---	---	---	70	---	86	---	1	101	260	---	---	178	---	---	438
---	---	---	---	112	---	151	---	1	151	417	---	---	869	4	---	1290



TABLE 114-E ILLNESSES IN MISCELLANEOUS TRAIN INCIDENTS NOT ELSEWHERE CLASSIFIABLE  
BY SPECIFIC OCCURRENCE AND CLASS OF PERSON,  
CLASS I AND II RAILROADS, 1976

Occurrence no.	Occurrences	Employees on Duty																All Oth	Tot	Employees not on duty			Total Illnesses All Classes				
		Yard Service				Freight				Passenger				Brk	Hos	Trn	Oth			Pas	Non	Trs					
		Eng	Fnn	Cnd	Brk	Eng	Fnn	Cnd	Brk	Eng	Fnn	Cnd	Brk											Mtr	Hlp	Cnd	Bag
+	+	+	+	+	+	+	+	+	+	+	+	+	Mtr	Hlp	Cnd	Bag	Flg	Hos	All Oth	Tot	Trn	Oth	Pas	Non	Trs	Classes	
STUNBLING, FALLING, CAUGHT, ETC. WHILE ON TRAIN																											
831T	WHILE ON LOCOMOTIVE OR CAR OTHER THAN PASSENGER.....				1																						1
	SUBTOTAL.....				1																						1
FLYING OR FALLING OBJECTS, BURNS AND SIMILAR CAUSES																											
853T	FIRE OR EXPLOSION OF FUSES OR TORPEDOES.....			1																							1
854T	OTHER FIRE OR EXPLOSION.....						1		1																		2
855T	BURNED BY HOT OR CORROSIVE SUBSTANCES.....					2																					3
859T	OTHER.....																										3
	SUBTOTAL.....			1		1		2		1		1															9
OTHER CAUSES																											
862T	SUDDEN MOVEMENT OF CAR, WOC.....																										1
863T	SLACK ACTION.....																										1
915T	OTHER ACCIDENTS/INCIDENTS INVOLVING USE OF TRK MTRCARS OR OTHER RUMBLE MACHINES.....																										2
931T	INHALATION OF OR CONTACT WITH FUMES OR GASES.....		1					7	3	9	14	3				3											42
989T	CAUSE CODE NOT LISTED, EXPLAIN IN NARRATIVE.....					2		1		1	2																6
	SUBTOTAL.....		1			2		6	3	10	17	3			3												52
GRAND TOTAL.....		1	1	1	5	9	4	10	18	3				3							7	62					62

TABLE 114-F ILLNESSES IN MISCELLANEOUS TRAIN INCIDENTS NOT ELSEWHERE CLASSIFIABLE  
BY SPECIFIC OCCURRENCE AND CLASS OF PERSON,  
RAPID TRANSIT CARRIERS, 1976

Occurrence no.	Occurrences	Employees on Duty																All Oth	Tot	Employees not on duty			Total Illnesses All Classes				
		Yard Service				Freight				Passenger				Brk	Hos	Trn	Oth			Pas	Non	Trs					
		Eng	Fnn	Cnd	Brk	Eng	Fnn	Cnd	Brk	Eng	Fnn	Cnd	Brk											Mtr	Hlp	Cnd	Bag
+	+	+	+	+	+	+	+	+	+	+	+	+	Mtr	Hlp	Cnd	Bag	Flg	Hos	All Oth	Tot	Trn	Oth	Pas	Non	Trs	Classes	
FLYING OR FALLING OBJECTS, BURNS AND SIMILAR CAUSES																											
855T	BURNED BY HOT OR CORROSIVE SUBSTANCES.....																										3
	SUBTOTAL.....																										3
OTHER CAUSES																											
931T	INHALATION OF OR CONTACT WITH FUMES OR GASES.....															2											2
	SUBTOTAL.....														2												2
GRAND TOTAL.....															2						3	5					5

NOTE: Bag = Baggage men  
Brk = Brakemen  
Cnd = Conductors  
Eng = Engineers  
Flg = Flagmen  
Fnn = Firemen  
Fcr = Foremen  
Hlp = Helpers  
Hos = Hostlers  
Mtr = Motormen  
Non = Non Trespassers  
Oth = Others  
Pas = Passengers  
Trn = Trainmen  
Trs = Trespassers

TABLE 115 CASUALTIES TO TRAINMEN  
IN TRAIN ACCIDENTS AND TRAIN INCIDENTS  
CLASS I LINE HAUL RAILROADS IN 1976

	Trainmen	Yard Service	...Road Service....		Total
			Freight	Passenger	
Number of trainmen in service .....		70,496	70,776	6,095	149,367
Number of trainmen killed.....		18	28	3	49
Number of trainmen injured.....		8,793	8,081	640	17,514
Number of trainmen incurring illnesses.....		138	188	29	355
Number of trainmen killed per 1,000 in service.....		0.25	0.40	0.37	0.33
Number of trainmen injured per 1,000 in service.....		124.73	114.16	60.00	117.25
Number of trainmen incurring illness per 1,000 in service....		1.96	2.66	3.56	2.38

TABLE 116-A FATALITIES IN TRAIN ACCIDENTS, TRAIN INCIDENTS AND NONTRAIN INCIDENTS  
1976

Class of Railroad	Fatal Accidents	Total Acc	...Employees on Duty...			Empl not on Duty	Pass on Train	Non- Tresp	Tresp	Total
			Train Men	Other	Total					
TRAIN ACCIDENTS										
Class I Line-Haul	109	9,478	18	11	29	---	3	108	12	152
Class I Switching	1	401	---	---	---	---	---	---	1	1
Class II Railroads	5	369	---	---	---	---	---	2	3	5
Rapid Transit	1	75	---	---	---	---	1	---	---	1
TOTAL.....	116	10,323	18	11	29	---	4	110	16	159
TRAIN INCIDENTS										
Class I Line-Haul	1,074	11,744	23	8	31	4	2	903	336	1,276
Class I Switching	5	207	---	---	---	---	---	1	4	5
Class II Railroads	15	417	2	---	2	---	---	12	4	16
Rapid Transit	58	1,513	1	---	1	---	11	2	41	55
TOTAL.....	1,148	13,661	26	8	34	4	13	918	385	1,354
NONTRAIN INCIDENTS										
Class I Line-Haul	187	46,032	8	25	33	5	---	83	96	217
Class I Switching	4	1,601	1	---	1	---	---	1	2	4
Class II Railroads	6	2,902	1	3	4	---	---	2	---	6
Rapid Transit	24	6,113	---	1	1	---	---	10	13	24
TOTAL.....	221	56,648	10	29	39	5	---	96	111	251

TABLE 116-B INJURIES IN TRAIN ACCIDENTS, TRAIN INCIDENTS AND NONTRAIN INCIDENTS  
1976

Class of Railroad	Injurious Accidents	Total Acc	...Employees on Duty...			Empl not on Duty	Pass on Train	Non- Tresp	Tresp	Total
			Train Men	Other	Total					
TRAIN ACCIDENTS										
Class I Line-Haul	462	9,478	442	117	559	1	465	177	14	1,216
Class I Switching	17	401	21	2	23	---	---	---	1	24
Class II Railroads	20	369	9	3	12	---	---	7	5	24
Rapid Transit	13	75	14	2	16	1	455	---	---	472
TOTAL.....	512	10,323	486	124	610	2	920	184	20	1,736
TRAIN INCIDENTS										
Class I Line-Haul	10,783	11,744	6,433	995	7,428	17	233	3,790	499	11,967
Class I Switching	203	207	152	16	168	---	1	33	10	212
Class II Railroads	403	417	240	44	284	---	4	125	25	438
Rapid Transit	1,455	1,513	284	154	438	---	987	46	36	1,509
TOTAL.....	12,844	13,881	7,109	1,209	8,318	17	1,225	3,994	572	14,126
NONTRAIN INCIDENTS										
Class I Line-Haul	44,537	46,032	10,639	32,876	43,515	547	267	920	210	45,479
Class I Switching	1,551	1,601	632	886	1,518	6	---	35	2	1,561
Class II Railroads	2,856	2,902	809	1,999	2,807	12	9	56	2	2,886
Rapid Transit	6,047	6,113	430	3,273	3,703	2	164	2,054	213	6,136
TOTAL.....	54,991	56,648	12,510	39,033	51,543	567	460	3,065	427	56,062

TABLE 116-C ILLNESSES IN TRAIN ACCIDENTS, TRAIN INCIDENTS AND NONTRAIN INCIDENTS  
1976

Class of Railroad	Illness Accidents	Total Acc	...Employees on Duty...			Empl not on Duty	Pass on Train	Non- Tresp	Tresp	Total
			Train Men	Other	Total					
<b>TRAIN ACCIDENTS</b>										
Class I Line-Haul	6	9,478	12	6	18	---	---	---	---	18
Class I Switching	---	401	---	---	---	---	---	---	---	---
Class II Railroads	---	369	---	---	---	---	---	---	---	---
Rapid Transit	---	75	---	---	---	---	---	---	---	---
TOTAL.....	6	10,323	12	6	18	---	---	---	---	18
<b>TRAIN INCIDENTS</b>										
Class I Line-Haul	77	11,744	74	8	82	---	---	---	---	82
Class I Switching	---	207	---	---	---	---	---	---	---	---
Class II Railroads	2	417	2	---	2	---	---	---	---	2
Rapid Transit	4	1,513	2	3	5	---	---	---	---	5
TOTAL.....	83	13,881	78	11	89	---	---	---	---	89
<b>NONTRAIN INCIDENTS</b>										
Class I Line-Haul	1,354	46,032	269	1,113	1,382	5	---	---	---	1,387
Class I Switching	47	1,601	31	16	47	---	---	---	---	47
Class II Railroads	43	2,902	11	33	44	---	---	---	---	44
Rapid Transit	42	6,113	2	40	42	---	---	---	---	42
TOTAL.....	1,486	56,648	313	1,202	1,515	5	---	---	---	1,520

TABLE 120-A TRAIN ACCIDENT AND INCIDENT FATALITIES TO TRESPASSERS  
AND NONTRESPASSERS, BY STATE - 1976  
CLASS I AND CLASS II RAILROADS

State	Trespassers			Nontrespassers			Total		
	Child	Adult	Total	Child	Adult	Total	Child	Adult	Total
Alabama	1	5	6	8	29	37	9	34	43
Alaska	---	---	---	---	---	---	---	---	---
Arizona	---	8	8	---	2	2	---	10	10
Arkansas	1	3	4	4	25	29	5	28	33
California	4	37	41	4	41	45	8	78	86
Colorado	---	2	2	---	19	19	---	21	21
Connecticut	---	2	2	---	1	1	---	3	3
Delaware	---	3	3	---	---	---	---	3	3
District of Columbia	---	1	1	---	---	---	---	1	1
Florida	---	8	8	5	46	51	5	54	59
Georgia	---	4	4	1	25	26	1	29	30
Hawaii	---	---	---	---	---	---	---	---	---
Idaho	---	1	1	1	12	13	1	13	14
Illinois	8	38	46	16	78	94	24	116	140
Indiana	1	20	21	3	70	73	4	90	94
Iowa	---	2	2	5	19	24	5	21	26
Kansas	---	2	2	2	28	30	2	30	32
Kentucky	---	5	5	4	25	29	4	30	34
Louisiana	---	2	2	7	16	23	7	18	25
Maine	---	---	---	---	---	---	---	---	---
Maryland	3	6	9	---	3	3	3	9	12
Massachusetts	1	2	3	---	2	2	1	4	5
Michigan	3	3	6	1	27	28	4	30	34
Minnesota	---	4	4	1	15	16	1	19	20
Mississippi	---	2	2	5	25	30	5	27	32
Missouri	3	4	7	4	44	48	7	48	55
Montana	---	2	2	---	8	8	---	10	10
Nebraska	---	2	2	10	28	36	10	30	40
Nevada	---	2	2	---	1	1	---	3	3
New Hampshire	---	---	---	---	---	---	---	---	---
New Jersey	---	14	14	1	1	2	1	15	16
New Mexico	---	2	2	---	9	9	---	11	11
New York	2	24	26	1	7	8	3	31	34
North Carolina	---	13	13	2	19	21	2	32	34
North Dakota	---	3	3	2	9	11	2	12	14
Ohio	2	14	16	4	61	65	6	75	81
Oklahoma	---	2	2	5	21	26	5	23	28
Oregon	---	6	6	2	16	18	2	22	24
Pennsylvania	7	11	18	1	23	24	6	34	42
Rhode Island	---	2	2	---	---	---	---	2	2
South Carolina	---	3	3	3	11	14	3	14	17
South Dakota	---	---	---	---	---	---	---	---	---
Tennessee	---	5	5	2	21	23	2	26	28
Texas	2	16	18	4	58	62	6	74	80
Utah	1	2	3	3	6	9	4	8	12
Vermont	---	---	---	---	---	---	---	---	---
Virginia	---	9	9	2	13	15	2	22	24
Washington	2	6	8	2	14	16	4	20	24
West Virginia	---	6	6	2	10	12	2	18	20
Wisconsin	---	7	7	---	18	18	---	25	25
Wyoming	1	1	2	---	3	3	1	4	5
Unknown	---	---	---	---	---	---	---	---	---
TOTAL.....	42	316	360	117	909	1026	159	1227	1386

TABLE 120-B TRAIN ACCIDENT AND INCIDENT INJURIES TO TRESPASSERS AND NONTRESPASSERS, BY STATE - 1976  
CLASS I AND CLASS II RAILROADS

State	Trespassers			Nontrespassers			Total		
	Child	Adult	Total	Child	Adult	Total	Child	Adult	Total
Alabama	1	8	9	15	106	121	16	114	130
Alaska	---	---	---	---	---	---	---	---	---
Arizona	---	5	5	2	18	20	2	23	25
Arkansas	2	2	4	15	104	119	17	106	123
California	7	52	59	11	130	141	18	182	200
Colorado	1	3	4	1	37	38	2	40	42
Connecticut	2	1	3	5	8	13	7	9	16
Delaware	---	1	1	---	1	1	---	2	2
District of Columbia	---	1	1	---	4	4	---	5	5
Florida	2	13	15	12	116	128	14	129	143
Georgia	1	6	7	7	129	136	8	135	143
Hawaii	---	---	---	---	---	---	---	---	---
Idaho	---	---	---	3	36	39	3	36	39
Illinois	17	55	72	32	292	324	49	347	396
Indiana	1	12	13	23	228	251	24	240	264
Iowa	1	4	5	2	97	99	3	101	104
Kansas	---	1	1	11	81	92	11	82	93
Kentucky	3	7	10	7	95	102	10	102	112
Louisiana	2	3	5	19	134	153	21	137	158
Maine	---	---	---	---	5	5	---	5	5
Maryland	3	20	23	---	10	10	3	30	33
Massachusetts	1	4	5	---	13	13	1	17	18
Michigan	8	32	40	7	165	172	15	197	212
Minnesota	---	6	6	4	98	102	4	104	108
Mississippi	1	2	3	10	93	103	11	95	106
Missouri	1	9	10	11	120	131	12	129	141
Montana	1	5	6	4	17	21	5	22	27
Nebraska	---	8	8	14	44	58	14	52	66
Nevada	1	2	3	---	9	9	1	11	12
New Hampshire	---	---	---	---	5	5	---	5	5
New Jersey	6	8	14	1	17	18	7	25	32
New Mexico	1	3	4	1	6	7	2	9	11
New York	12	22	34	5	47	52	17	69	86
North Carolina	1	6	7	9	99	108	10	105	115
North Dakota	1	---	1	4	20	24	5	20	25
Ohio	8	29	37	22	249	271	30	278	308
Oklahoma	1	3	4	8	72	80	9	75	84
Oregon	---	6	6	27	62	89	27	68	95
Pennsylvania	6	20	26	7	67	74	13	107	120
Rhode Island	---	1	1	1	---	1	1	1	2
South Carolina	---	7	7	6	68	74	6	75	81
South Dakota	1	---	1	---	7	7	1	7	8
Tennessee	---	5	5	8	71	79	8	76	84
Texas	2	30	32	47	375	422	49	405	454
Utah	1	1	2	1	26	27	2	27	29
Vermont	---	1	1	---	---	---	---	1	1
Virginia	2	7	9	12	92	104	14	99	113
Washington	1	15	16	8	77	85	9	92	101
West Virginia	1	11	12	4	57	61	5	68	73
Wisconsin	4	12	16	5	103	108	9	115	124
Wyoming	---	1	1	2	9	11	2	10	12
Unknown	---	---	---	---	---	---	---	---	---
Total.....	104	450	554	393	3739	4132	497	4189	4686

TABLE 120-C RAPID-TRANSIT TRAIN ACCIDENT AND INCIDENT FATALITIES TO TRESPASSERS AND NONTRESPASSERS, BY STATE - 1976

State	Trespassers			Nontrespassers			Total		
	Child	Adult	Total	Child	Adult	Total	Child	Adult	Total
California	---	---	---	---	---	---	---	---	---
Connecticut	---	---	---	---	---	---	---	---	---
Delaware	---	---	---	---	---	---	---	---	---
District of Columbia	---	---	---	---	---	---	---	---	---
Illinois	---	---	---	---	1	1	---	1	1
Massachusetts	---	---	---	---	---	---	---	---	---
New Jersey	---	---	---	---	---	---	---	---	---
New York	1	38	39	1	---	1	2	38	40
Ohio	---	---	---	---	---	---	---	---	---
Pennsylvania	---	2	2	---	---	---	---	2	2
Unknown	---	---	---	---	---	---	---	---	---
TOTAL.....	1	40	41	1	1	2	2	41	43

TABLE 120-D RAPID-TRANSIT TRAIN ACCIDENT AND INCIDENT INJURIES TO TRESPASSERS AND NONTRESPASSERS, BY STATE - 1976

State	Trespassers			Nontrespassers			Total		
	Child	Adult	Total	Child	Adult	Total	Child	Adult	Total
California	---	---	---	---	---	---	---	---	---
Connecticut	---	---	---	---	---	---	---	---	---
Delaware	---	---	---	---	---	---	---	---	---
District of Columbia	---	---	---	---	1	1	---	1	1
Illinois	---	2	2	---	1	1	---	3	3
Massachusetts	---	1	1	---	2	2	---	3	3
New Jersey	---	3	3	---	---	---	---	3	3
New York	2	28	30	2	39	41	4	67	71
Ohio	---	---	---	---	1	1	---	1	1
Pennsylvania	---	2	2	---	---	---	---	2	2
Unknown	---	---	---	---	---	---	---	---	---
TOTAL.....	2	36	38	2	44	46	4	80	84

TABLE 121-A - CASUALTIES BY STATE AND CLASS OF ACCIDENT  
CLASS I AND II RAILROADS, 1976

State	Train Accidents			Train Incidents			Non-Train Incidents			.....Total.....		
	Killed	Injured	Illness	Killed	Injured	Illness	Killed	Injured	Illness	Killed	Injured	Illness
Alabama	---	13	9	45	255	---	2	640	21	47	908	30
Alaska	---	---	---	---	20	---	---	284	2	---	304	2
Arizona	---	9	1	10	90	---	1	159	2	11	258	3
Arkansas	3	22	---	31	252	1	2	706	15	36	980	16
California	13	45	1	79	833	7	14	2,474	71	106	3,352	79
Colorado	1	5	---	20	130	---	2	492	8	23	627	8
Connecticut	2	6	---	3	46	1	---	278	18	5	330	19
Delaware	2	1	---	1	28	---	---	232	8	3	261	8
District of Columbia	---	---	---	1	52	---	---	259	5	1	311	5
Florida	5	23	---	54	410	---	49	775	12	108	1,208	12
Georgia	3	13	---	27	478	2	6	950	21	36	1,441	23
Hawaii	---	---	---	---	---	---	---	---	---	---	---	---
Idaho	5	6	---	14	124	1	2	343	4	21	473	5
Illinois	22	165	---	123	1,006	4	12	5,071	163	157	6,262	167
Indiana	10	29	---	87	488	2	7	1,917	37	104	2,434	39
Iowa	4	17	---	24	259	3	6	1,149	58	34	1,425	61
Kansas	2	10	---	30	240	1	12	788	11	44	1,038	12
Kentucky	2	25	---	32	266	2	6	1,447	34	40	1,738	36
Louisiana	1	8	---	25	295	1	---	875	18	26	1,178	19
Maine	---	3	---	---	44	---	---	292	8	---	339	8
Maryland	3	3	---	14	174	2	2	866	26	16	1,023	28
Massachusetts	---	8	---	5	66	1	4	566	19	9	640	20
Michigan	4	13	---	31	547	1	3	2,181	62	38	2,741	63
Minnesota	2	25	---	19	217	1	3	1,277	32	24	1,519	33
Mississippi	6	113	---	29	163	---	3	440	6	38	716	6
Missouri	3	49	---	52	356	11	5	1,342	57	1,747	37	37
Montana	2	13	1	8	76	1	2	594	13	12	683	15
Nebraska	5	37	---	37	221	1	2	1,326	42	44	1,584	43
Nevada	---	2	---	3	42	---	---	111	1	3	155	1
New Hampshire	---	---	---	---	11	---	---	35	10	---	46	10
New Jersey	1	31	---	21	174	3	4	882	40	26	1,127	43
New Mexico	---	---	---	11	38	---	2	141	---	13	179	---
New York	4	28	2	32	360	7	8	2,747	153	44	3,135	162
North Carolina	4	11	---	33	263	2	11	493	6	46	767	8
North Dakota	4	7	---	11	57	---	---	273	5	15	337	5
Ohio	15	48	---	73	619	11	5	3,255	123	93	4,122	134
Oklahoma	7	10	---	24	197	1	2	426	10	33	633	11
Oregon	2	5	---	22	248	---	6	695	19	30	948	19
Pennsylvania	3	72	---	40	509	5	4	3,712	135	47	4,293	140
Rhode Island	---	---	---	2	3	---	---	44	3	2	47	3
South Carolina	---	7	---	17	181	---	8	293	35	21	481	8
South Dakota	---	5	---	---	29	---	---	155	4	---	189	4
Tennessee	1	57	---	28	238	1	3	956	26	32	1,251	27
Texas	8	109	---	77	1,008	8	19	2,952	75	104	4,069	63
Utah	2	5	---	11	86	1	---	309	3	13	400	4
Vermont	---	1	---	---	9	---	---	82	5	---	92	5
Virginia	4	67	---	21	327	1	3	1,403	15	28	1,797	16
Washington	---	11	---	24	288	9	3	673	22	27	1,172	31
West Virginia	4	22	4	19	184	---	1	689	17	24	895	21
Wisconsin	1	23	---	24	276	---	7	1,216	45	32	1,517	45
Wyoming	1	22	---	5	134	1	3	479	2	9	635	3
Unknown	---	---	---	---	---	---	---	---	---	---	---	---
Total.....	158	1,264	18	1,299	12,617	84	227	49,926	1,478	1,684	63,807	1,580

TABLE 121-B - CASUALTIES BY STATE AND CLASS OF ACCIDENT  
RAPID TRANSIT CARRIERS, 1976

State	Train Accidents			Train Incidents			Non-Train Incidents			.....Total.....		
	Killed	Injured	Illness	Killed	Injured	Illness	Killed	Injured	Illness	Killed	Injured	Illness
California	---	---	---	---	18	2	---	529	6	---	547	8
Connecticut	---	---	---	---	---	---	---	---	---	---	---	---
Delaware	---	---	---	---	---	---	---	---	---	---	---	---
District of Columbia	---	---	---	---	2	---	---	87	2	---	89	2
Illinois	1	458	---	8	199	---	5	558	---	14	1,215	---
Massachusetts	---	3	---	---	31	---	---	453	4	---	487	4
New Jersey	---	2	---	---	19	---	---	179	3	---	210	3
New York	---	4	---	45	1,163	3	16	3,867	20	61	5,054	23
Ohio	---	5	---	---	7	---	---	33	---	---	45	---
Pennsylvania	---	---	---	2	40	---	3	422	7	5	462	7
Unknown	---	---	---	---	---	---	---	8	---	---	8	---
TOTAL.....	1	472	---	55	1,509	5	24	6,136	42	60	8,117	47

TABLE 122-A - ACCIDENTS BY STATE AND CLASS OF ACCIDENT  
CLASS I AND CLASS II RAILROADS, 1976

State	.....Train Accidents.....				Train Incidents	Non- Train Incidents	Total
	Coll- isions	Derail- ments	Other	Total			
Alabama	26	224	24	276	245	651	1,172
Alaska	3	16	4	23	20	285	328
Arizona	7	24	14	45	94	162	301
Arkansas	12	129	14	155	229	714	1,098
California	69	176	38	283	850	2,510	3,643
Colorado	16	50	3	69	137	496	702
Connecticut	3	6	5	14	41	296	351
Delaware	3	20	3	26	29	240	295
District of Columbia	1	13	2	16	48	264	328
Florida	23	197	22	242	386	792	1,420
Georgia	56	279	37	372	463	976	1,811
Hawaii	0	0	0	0	0	0	0
Idaho	16	63	8	87	125	349	561
Illinois	182	666	112	1,160	1,008	5,137	7,305
Indiana	33	275	27	335	489	1,925	2,749
Iowa	43	357	25	425	261	1,168	1,854
Kansas	27	157	14	198	227	790	1,215
Kentucky	43	281	18	342	252	1,411	2,005
Louisiana	12	147	12	171	260	891	1,322
Maine	6	45	2	53	43	300	396
Maryland	22	114	8	144	177	834	1,155
Massachusetts	6	29	20	55	70	585	710
Michigan	64	268	27	359	516	2,172	3,047
Minnesota	43	198	24	265	207	1,302	1,774
Mississippi	11	144	16	171	157	438	762
Missouri	28	160	20	228	352	1,366	1,946
Montana	17	110	8	135	79	608	822
Nebraska	29	160	20	209	229	1,366	1,804
Nevada	3	26	9	38	41	111	190
New Hampshire	1	17	5	23	10	45	78
New Jersey	11	43	17	71	192	849	1,112
New Mexico	6	14	3	23	46	138	207
New York	35	268	49	352	377	2,867	3,596
North Carolina	25	128	21	174	262	506	942
North Dakota	10	44	15	69	57	276	402
Ohio	75	447	50	572	794	3,328	4,694
Oklahoma	16	117	30	165	199	433	797
Oregon	25	93	8	126	227	712	1,065
Pennsylvania	45	490	53	588	522	3,684	4,794
Rhode Island	1	1	1	3	5	47	55
South Carolina	17	54	9	80	173	286	539
South Dakota	0	100	5	105	27	156	288
Tennessee	53	299	20	372	241	974	1,587
Texas	69	396	37	522	942	2,984	4,448
Utah	10	39	16	67	89	305	461
Vermont	1	10	1	12	9	87	108
Virginia	26	128	17	171	304	1,402	1,877
Washington	39	190	11	240	282	895	1,417
West Virginia	16	161	6	205	163	686	1,054
Wisconsin	36	232	29	297	275	1,258	1,830
Wyoming	23	89	3	115	137	482	734
Unknown	0	0	0	0	0	0	0
Total.....	1,370	7,934	944	10,248	12,366	50,535	73,151

TABLE 122-B - ACCIDENTS BY STATE AND CLASS OF ACCIDENT  
RAPID TRANSIT RAILROADS, 1976

State	.....Train Accidents.....				Train Incidents	Non- Train Incidents	Total
	Coll- isions	Derail- ments	Other	Total			
California	4	2	5	11	20	498	529
Connecticut	0	0	0	0	0	0	0
Delaware	0	0	0	0	0	0	0
District of Columbia	0	0	0	0	2	89	91
Illinois	11	2	7	20	204	563	787
Massachusetts	2	4	5	11	31	456	496
New Jersey	8	0	0	8	29	162	219
New York	2	14	1	17	1,179	3,858	5,054
Ohio	3	2	0	5	7	28	40
Pennsylvania	1	2	0	3	41	431	475
Unknown	0	0	0	0	0	0	0
TOTAL.....	31	26	18	75	1,513	6,113	7,701

TABLE 123-A TRAIN ACCIDENTS BY STATE, BY MONTH, CLASS I AND CLASS II RAILROADS, 1976

State	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Alabama	15	20	29	18	30	13	30	28	26	21	19	27	276
Alaska	1	---	1	4	4	1	2	3	2	1	---	---	23
Arizona	7	4	5	1	3	2	3	8	2	3	4	5	45
Arkansas	17	10	12	8	11	15	10	12	7	17	14	22	155
California	21	22	25	28	25	20	36	20	13	29	23	21	283
Colorado	1	5	4	2	4	4	7	7	4	7	15	9	69
Connecticut	---	---	1	---	1	3	3	---	1	---	3	2	14
Delaware	---	1	3	---	1	6	3	---	3	5	2	2	26
District of Columbia	1	2	2	---	1	1	3	3	---	1	1	1	16
Florida	21	15	15	18	15	19	11	23	19	28	19	39	242
Georgia	27	35	20	22	25	31	35	35	25	32	44	41	372
Hawaii	---	---	---	---	---	---	---	---	---	---	---	---	---
Idaho	3	4	7	6	6	5	6	11	14	4	13	5	87
Illinois	97	99	128	108	96	86	69	87	85	133	82	90	1,160
Indiana	30	37	25	28	33	20	27	23	27	26	29	30	335
Iowa	25	46	40	41	45	31	34	36	23	40	41	23	425
Kansas	17	12	10	11	12	15	22	19	27	20	19	14	198
Kentucky	26	34	30	35	17	32	20	29	16	38	36	31	342
Louisiana	12	13	16	15	5	16	17	11	11	14	21	20	171
Maine	2	6	4	3	3	4	6	5	4	4	8	4	53
Maryland	11	14	13	10	14	14	9	5	13	20	9	12	144
Massachusetts	5	5	4	6	4	3	2	3	3	6	9	5	55
Michigan	36	39	32	26	24	21	25	29	33	26	30	38	359
Minnesota	22	16	24	29	20	17	25	28	20	25	22	17	265
Mississippi	14	15	17	10	20	10	17	10	6	17	23	12	171
Missouri	17	24	23	10	17	17	22	13	23	23	24	15	228
Montana	7	1	9	10	12	14	12	13	19	16	14	8	135
Nebraska	17	10	20	18	13	22	17	23	17	18	21	13	209
Nevada	1	---	3	3	2	3	4	7	5	3	3	4	38
New Hampshire	2	4	1	1	1	2	2	2	1	2	4	1	23
New Jersey	6	11	7	4	2	5	3	8	4	8	4	9	71
New Mexico	1	---	---	2	3	1	2	2	2	2	3	5	23
New York	43	28	33	24	18	31	23	18	30	28	35	41	352
North Carolina	17	10	10	9	9	13	11	21	12	18	21	23	174
North Dakota	11	3	5	4	5	5	4	7	5	6	10	4	69
Ohio	55	54	53	37	54	46	48	38	46	51	57	33	572
Oklahoma	17	8	18	9	7	24	10	19	16	20	11	10	165
Oregon	13	5	12	10	9	12	7	13	13	10	7	15	126
Pennsylvania	64	48	62	56	32	49	39	43	44	41	45	65	588
Rhode Island	---	---	---	---	---	---	2	---	---	---	1	---	3
South Carolina	4	4	4	4	1	10	7	10	1	13	9	13	80
South Dakota	8	10	11	13	6	13	14	10	4	8	4	4	105
Tennessee	33	34	38	35	26	31	23	27	24	33	36	36	372
Texas	41	33	41	48	39	33	54	39	40	60	43	53	522
Utah	5	3	4	8	7	2	5	3	11	5	8	6	67
Vermont	---	1	3	3	2	---	---	---	2	1	---	---	12
Virginia	21	16	19	10	18	12	10	11	18	12	14	10	171
Washington	10	23	25	20	20	18	15	25	26	20	26	12	240
West Virginia	27	25	20	10	11	18	8	15	10	22	23	16	205
Wisconsin	36	29	29	28	26	23	26	32	22	16	16	14	297
Wyoming	6	12	12	11	11	7	6	13	5	14	7	9	115
Unknown	---	---	---	---	---	---	---	---	---	---	---	---	---
Total.....	673	846	925	814	773	600	798	843	786	966	937	893	10,248

TABLE 123-B RAPID TRANSIT ACCIDENTS BY STATE, BY MONTH, 1976

State	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
California	---	1	1	1	3	---	---	---	1	1	3	---	11
Connecticut	---	---	---	---	---	---	---	---	---	---	---	---	---
Delaware	---	---	---	---	---	---	---	---	---	---	---	---	---
District of Columbia	---	---	---	---	---	---	---	---	---	---	---	---	---
Illinois	4	1	2	---	3	---	2	2	1	2	2	1	20
Massachusetts	---	---	---	---	2	2	1	---	1	2	1	2	11
New Jersey	2	---	2	---	---	---	---	---	---	---	1	3	8
New York	1	---	1	1	1	1	2	2	3	2	1	17	37
Ohio	1	---	---	---	---	---	---	1	1	---	---	---	5
Pennsylvania	1	---	---	---	---	---	---	1	1	---	---	---	3
Unknown	---	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL.....	9	2	7	2	9	3	5	6	7	8	10	7	75

TABLE 124 ACCIDENTS INVOLVING CONSISTS  
TRANSPORTING HAZARDOUS MATERIALS, BY STATE  
CLASS I AND CLASS II RAILROADS, 1976

State	Consists in hazmat Accidents	Total Cars in Consist	Total cars Containing Hazmat	Total cars Damaged w/hazmat	Total cars Releasing Hazmat	People Evacuated	Equipment Dollar Damages
Alabama	20	1,193	77	28	3	---	711,875
Alaska	5	246	27	22	7	---	299,655
Arizona	3	115	17	5	---	---	39,650
Arkansas	21	1,918	82	7	---	212	730,863
California	19	1,501	36	6	---	---	304,382
Colorado	4	211	7	1	1	---	276,163
Connecticut	2	138	2	2	---	---	26,000
Delaware	---	---	---	---	---	---	---
District of Columbia	8	636	20	19	4	375	258,671
Florida	17	1,354	107	39	7	---	1,816,636
Georgia	---	---	---	---	---	---	---
Hawaii	---	---	---	---	---	---	---
Idaho	6	433	7	1	---	---	49,550
Illinois	85	5,405	353	81	7	3,715	1,366,298
Indiana	27	2,286	203	42	4	100	278,830
Iowa	24	1,452	50	23	2	---	267,333
Kansas	10	761	40	13	8	---	463,396
Kentucky	22	1,472	106	31	8	171	1,527,439
Louisiana	38	2,901	292	57	9	5,400	1,352,320
Maine	17	1,303	97	5	1	1,700	338,212
Maryland	2	89	2	2	2	---	19,600
Massachusetts	9	552	22	4	---	---	73,050
Michigan	22	1,353	46	18	8	3,250	2,050,345
Minnesota	10	765	29	6	1	---	35,580
Mississippi	29	1,741	161	70	3	---	1,042,389
Missouri	28	2,477	63	8	3	---	837,734
Montana	3	245	12	12	4	75	673,858
Nebraska	10	1,118	23	2	1	---	1,040,186
Nevada	6	579	11	2	---	---	263,600
New Hampshire	7	368	14	5	2	4	205,940
New Jersey	6	234	55	8	---	---	23,525
New Mexico	2	238	13	1	---	---	89,345
New York	21	1,594	88	32	12	30	812,655
North Carolina	15	1,313	20	14	7	25	1,222,638
North Dakota	5	369	32	---	---	---	87,250
Ohio	34	2,541	150	37	11	3,600	1,204,286
Oklahoma	21	1,502	75	19	7	102	1,463,907
Oregon	4	76	7	5	1	---	117,225
Pennsylvania	27	1,852	170	43	20	80	786,100
Rhode Island	---	---	---	---	---	---	---
South Carolina	1	---	1	1	1	---	339,052
South Dakota	---	---	---	---	---	---	---
Tennessee	43	2,326	123	38	2	---	792,717
Texas	71	3,993	530	74	8	525	1,833,839
Utah	1	58	1	---	---	---	3,400
Vermont	1	38	2	---	---	---	---
Virginia	22	978	118	33	6	---	794,289
Washington	6	335	24	12	---	---	692,417
West Virginia	23	759	26	9	4	5	285,025
Wisconsin	23	1,749	41	9	2	---	451,528
Wyoming	1	99	3	1	---	---	4,000
Unknown	---	---	---	---	---	---	---
Total.....	768	52,702	3,347	847	166	19,369	27,068,453

TABLE 125 ACCIDENTS INVOLVING CONSISTS  
TRANSPORTING HAZARDOUS MATERIALS  
BY TYPE OF ACCIDENT, CLASS I AND CLASS II RAILROADS, 1976

Type Of Accident	Consists in hazmat Accidents	Total Cars in Consist	Total cars Containing Hazmat	Total cars Damaged w/hazmat	Total cars Releasing Hazmat	People Evacuated	Equipment Dollar Damages
Derailement	627	45,363	2,652	736	152	13,769	22,894,291
Head on collision	10	525	121	9	1	---	565,679
Rear end collision	23	864	67	30	6	2,500	1,715,780
Side collision	56	3,446	199	34	5	3,100	747,063
Backing collision	23	617	165	25	1	---	148,520
Broken train collision	10	800	26	8	1	---	286,807
Rail-hwy crossing	18	1,014	115	5	---	---	653,813
RR Grade crossing	---	---	---	---	---	---	---
Obstruction	1	53	2	---	---	---	56,500
Explosion-detonation	---	---	---	---	---	---	---
Fire or violent rupture	---	---	---	---	---	---	---
Other	---	---	---	---	---	---	---
Total	768	52,702	3,347	847	166	19,369	27,068,453



TABLE 131-A CASUALTIES IN RAILROADS BY CLASS OF EMPLOYEE, AND BY CLASS OF PERSON  
1976

Class of Person	.....Total.....			.....Total.....			.....Total.....		
	Kld	Inj	Ill	Kld	Inj	Ill	Kld	Inj	Ill
<b>I.--EXECUTIVES, OFFICIALS, AND STAFF ASSISTANTS</b>									
Executive, General Officers, and Assistants.....	---	---	---	18	---	---	16	---	---
Division Officers, Assistants, and Staff Assistant.....	9	---	---	96	3	---	94	3	3
Subtotal.....	9	---	---	114	3	---	112	3	3
<b>II.--PROFESSIONAL, CLERICAL, AND GENERAL</b>									
Professional and Subprofessional Assistants.....	60	---	---	1	61	8	1	59	8
Supervisory or Chief Clerks (Major Departments)....	8	---	---	1	27	---	1	26	---
Chief Clerks (Minor Departments) and Assistants....	1	---	---	33	---	---	32	---	---
Clerks and Clerical Specialists.....	91	---	---	125	---	---	122	---	1
Clerks.....	9	---	---	896	13	---	857	13	---
Mechanical Device Operators (Office).....	1	---	---	28	---	---	27	---	---
Stenographers and Secretaries.....	1	---	---	20	1	---	18	1	---
Stenographers and Typists.....	3	---	---	23	---	---	23	---	---
Storekeepers, Sales Agents, and Buyers.....	7	---	---	21	---	---	16	---	---
Ticket Agents and Assistant Ticket Agents.....	133	1	---	39	---	---	38	---	---
Traveling Auditors or Accountants.....	---	---	---	2	---	---	2	---	---
Telephone Switchboard Operators and Office Assist.....	1	---	---	9	---	---	9	---	---
Messengers and Office Boys.....	---	---	---	25	---	---	23	---	---
Elevator Operators and Other Office Attendants.....	2	---	---	4	---	---	4	---	---
Lieutenants and Sergeants of Police.....	60	---	---	59	1	---	58	1	---
Patrolmen and Watchmen.....	442	---	---	261	7	---	259	7	---
Traffic and Various Other Agents, Inspectors, Etc....	2	---	---	19	---	---	19	---	---
Claim Agents or Investigators.....	4	---	---	6	---	---	5	---	---
Freight Claim Agents or Investigators.....	---	---	---	6	---	---	6	---	---
Chief Claim Agents or Investigators.....	---	---	---	3	---	---	2	---	---
Miscellaneous Trade Workers (Other Than Plumbers)...	97	---	---	80	3	---	75	3	---
Motor Vehicle and Motor Car Operators.....	5	---	---	399	9	---	382	9	---
Teamsters and Teammen.....	1	---	---	1	---	---	1	---	---
Janitors and Cleaners.....	50	3	---	116	4	---	107	4	---
Subtotal.....	927	4	---	2,283	47	---	2,173	47	---
<b>III.--MAINTENANCE OF WAY AND STRUCTURE</b>									
Roadmasters, General Foremen, and Assistants.....	30	---	---	2	159	6	2	150	6
Maintenance of Way and Scale Inspectors.....	3	---	---	34	---	---	34	---	---
Maintenance and Building Gang Foremen (Skilled Labor)	2	---	---	166	4	---	161	4	---
Bridge and Building Carpenters.....	16	---	---	1	850	37	1	816	36
Bridge and Building Ironworkers.....	29	---	---	108	2	---	107	2	---
Bridge and Building Painters.....	11	---	---	72	2	---	64	2	---
Masons, Bricklayers, Plasterers, and Plumbers.....	9	---	---	265	6	---	259	6	---
Maintenance of Way/Structure Helpers & Assistants.....	293	2	---	559	8	---	536	8	---
Portable Steam Equipment Operators.....	---	---	---	5	1,243	31	5	1,231	31
Portable Steam Equipment Operator Helpers.....	---	---	---	33	---	---	33	---	---
Pumping Equipment Operators.....	2	---	---	15	---	---	14	---	---
Gang Foremen (Extra Gang and Work-Train Laborers)...	---	---	---	3	177	7	3	166	7
Gang Foremen (Bridge Building, Signal, Etc).....	4	---	---	38	3	---	38	3	---
Gang or Section Foremen.....	5	---	---	2	929	23	2	898	23
Extra Gang Men.....	7	---	---	1,330	133	1	3,215	132	---
Section Men.....	149	2	---	9	8,234	167	9	7,822	376
Maintenance of Way Laborers (Other Than Track/Rdwy)...	1	334	2	395	9	---	366	9	---
General & Assnt Gen Foremen/Inspectors (Signal, Etc)	---	---	---	37	2	---	36	2	---
Gang Foremen (Signal and Telegraph Skilled Trades)...	1	---	---	1	52	2	1	50	2
Signalmen and Signal Maintainers.....	40	4	---	649	33	4	625	33	---
Linemen and Groundmen.....	24	2	---	2	311	36	2	308	36
Assistant Signalmen and Assistant Signal Maint.....	---	---	---	270	27	---	260	27	---
Signalmen and Signal Maintainer Helpers.....	8	1	---	186	13	---	182	13	---
Subtotal.....	1	967	9	30	18,112	769	30	17,373	754
<b>IV.--MAINTENANCE OF EQUIPMENT AND STORES</b>									
General, Assistant General, and Department Foremen...	33	1	---	174	5	---	161	5	---
General and Assistant General Foremen (Stores)....	1	---	---	23	---	---	23	---	---
Equipment, Shop, Elec, Material, & Supplies Insprtr.	262	---	---	100	2	---	93	2	---
Gang Foremen and Gang Leaders (Skilled Labor).....	6	---	---	177	4	---	167	4	---
Blacksmiths.....	3	---	---	219	2	---	219	2	---
Bellevue.....	1	---	---	261	9	---	255	9	---
Carpen (A and B).....	235	5	---	4	3,231	50	4	3,057	49
Carpen (C and D).....	1	1	---	4,051	41	4	2,978	41	---
Electrical Workers (A).....	155	7	---	1,011	36	1	972	35	---
Electrical Workers (B).....	1	---	---	53	7	---	53	7	---
Electrical Workers (C).....	19	---	---	33	31	---	31	1	---
Machinists.....	88	---	---	2,504	78	---	2,411	77	---
Molders.....	---	---	---	14	---	---	14	---	---
Sheet-Metal Workers.....	4	---	---	522	15	---	506	15	---
Skilled Trades Helpers (of E and Stores).....	15	---	---	2	542	11	2	499	11
Helper Apprentices (of E and Stores).....	2	---	---	150	9	---	143	9	---
Regular Apprentices (of E and Stores).....	12	---	---	408	5	---	400	5	---
Coach Cleaners.....	104	3	---	274	4	---	238	3	---
Gang Foremen (Shops, Engine Houses, & Power Plants)...	1	---	---	50	1	---	46	1	---
Gang Foremen (Stores and Ice, Reclamation, Etc)....	---	---	---	16	---	---	16	---	---
Classified Laborers (Shops, Engine Houses, Etc)....	44	---	---	546	21	---	525	20	---
General Laborers (Shop, Engine Houses, Etc).....	94	3	---	943	37	---	800	36	---
General Laborers (Stores and Ice, Reclamation, Etc)...	---	---	---	1	299	1	1	297	1
Stationary Engineers (Steam).....	5	---	---	24	---	---	23	---	---
Stationary Firemen, Oilers, Coal Passers, Etc.....	---	---	---	15	---	---	15	---	---
Subtotal.....	1,086	21	12	14,540	332	12	13,944	326	---
<b>V.--TRANSPORTATION</b>									
Chief Train Dispatchers.....	---	---	---	2	---	---	1	---	---
Train Dispatchers.....	5	---	---	10	---	---	10	---	---
Train Directors.....	---	---	---	3	---	---	3	---	---
Station Agents (Supervisory, Major Stations).....	11	---	---	24	---	---	24	---	---
Station Agents (Smaller Stations, Non-telegraphers)...	264	3	---	19	1	---	19	1	---
Station Agents (Telegraphers and Telephoners).....	---	---	---	38	---	---	38	---	---
Chief Telegraphers and Telephoners or Wire Chiefs...	---	---	---	3	---	---	3	---	---
Clerk-Telegraphers and Clerk-Telephoners.....	1	---	---	51	1	---	47	1	---

RAILROAD ACCIDENTS  
CLASS OF ACCIDENT

Man Hours (CCO)	Class I Railroads (Line-Haul)									Nontrain		
	Casualties per mill man-hrs			Train Accidents			Train Incidents			Nontrain Incidents		
	Kld	Inj	Ill	Kld	Inj	Ill	Kld	Inj	Ill	Kld	Inj	Ill
12,114	---	1.49	---	---	---	---	---	2	---	---	16	---
22,635	---	4.15	.13	---	1	---	---	10	---	---	83	3
34,749	---	3.22	.09	---	---	---	---	12	---	---	99	3
17,558	.06	3.29	.45	1	1	---	---	1	---	---	57	8
4,960	.20	5.24	---	---	---	---	---	1	---	1	25	---
15,734	---	2.10	---	---	---	---	---	---	---	---	33	---
14,951	---	8.16	.07	---	---	---	---	---	---	---	120	1
65,482	---	10.03	.15	---	---	---	---	12	---	---	845	13
7,961	---	3.39	---	---	---	---	---	---	---	---	27	---
5,646	---	3.08	.17	---	---	---	---	---	---	---	18	1
8,899	---	2.58	---	---	---	---	---	---	---	---	23	---
2,890	---	8.23	---	---	---	---	---	---	---	---	18	---
419	---	90.69	---	---	---	---	---	1	---	---	37	---
1,327	---	1.51	---	---	---	---	---	---	---	---	2	---
1,588	---	5.67	---	---	---	---	---	---	---	---	9	---
1,043	---	22.05	---	---	---	---	---	---	---	---	23	---
249	---	16.06	---	---	---	---	---	---	---	---	4	---
2,390	---	24.27	.42	---	---	---	---	2	---	---	56	1
4,176	---	62.02	1.68	---	---	---	---	3	---	---	256	7
10,535	---	1.80	---	---	---	---	---	---	---	---	19	---
1,318	---	3.79	---	---	---	---	---	---	---	---	5	---
804	---	7.46	---	---	---	---	---	---	---	---	6	---
380	---	5.26	---	---	---	---	---	---	---	---	2	---
191	---	392.67	15.71	---	---	---	---	2	---	---	73	3
10,072	---	37.93	.69	---	---	---	---	5	---	---	377	9
---	---	---	---	---	---	---	---	---	---	---	1	---
3,903	---	27.41	1.02	---	---	---	---	2	---	---	105	4
203,036	.01	10.70	.23	1	1	---	---	31	---	1	2,141	47
7,175	.28	20.91	.84	1	3	---	---	7	---	1	140	6
2,090	---	16.27	---	---	2	---	---	1	---	---	31	---
3,646	---	41.66	1.04	---	2	---	---	3	---	---	156	4
7,697	.13	103.33	4.56	---	5	---	---	14	---	1	797	36
731	---	146.37	2.74	---	---	---	---	1	---	---	105	2
725	---	88.28	2.76	---	---	---	---	2	---	---	63	2
5,412	---	47.46	.76	---	2	---	---	5	---	---	252	4
4,667	---	114.36	1.71	---	1	---	---	7	---	---	528	8
25,561	.20	48.16	1.21	---	5	---	1	40	---	4	1,166	31
507	---	65.09	---	---	2	---	---	4	---	---	27	---
87	---	160.92	---	---	1	---	---	---	---	---	14	---
8,306	.36	20.22	.64	2	1	---	1	5	---	---	162	7
85	---	447.06	35.29	---	---	---	---	1	---	---	37	3
15,129	.13	59.36	1.52	1	3	---	---	37	---	1	858	23
26,882	.03	111.32	4.57	---	2	---	1	92	1	---	3,121	131
41,214	.22	189.79	9.12	4	11	---	1	149	1	4	7,662	375
674	---	54.03	10.39	---	---	---	---	5	---	---	361	7
3,390	---	10.62	.59	---	---	---	---	2	---	---	34	2
3,321	.30	15.06	.60	---	---	---	---	2	---	1	48	2
13,550	.30	46.13	2.44	---	---	5	2	11	---	2	614	28
4,374	.46	70.42	8.23	---	---	---	---	11	---	2	297	36
2,673	---	97.27	10.10	---	---	---	---	1	---	---	259	27
985	---	192.59	13.76	---	---	---	---	3	---	---	179	13
161,263	.17	95.84	4.16	8	39	5	6	403	2	16	16,931	747
11,802	---	13.64	.42	---	---	---	---	4	---	---	157	5
312	---	73.72	---	---	---	---	---	---	---	---	23	---
1,056	---	88.07	1.89	---	---	---	---	2	---	---	91	2
11,700	---	14.27	.34	---	1	---	---	4	---	---	162	4
2,149	---	101.91	.93	---	---	---	---	2	---	---	217	2
2,829	---	90.16	3.18	---	---	---	---	2	---	---	253	9
18,562	.22	164.69	2.64	1	1	---	1	57	---	2	2,999	49
57,851	.07	51.48	---	1	6	---	---	69	---	3	2,903	41
20,036	.05	48.51	1.75	---	1	---	---	14	---	1	957	35
1,778	---	29.81	---	---	---	---	---	1	---	---	52	---
306	---	101.31	3.27	---	---	---	---	---	---	---	31	---
33,271	---	72.47	2.31	---	---	---	---	29	---	---	2,382	77
33	---	424.24	---	---	---	---	---	---	---	---	14	---
9,094	---	55.64	1.65	---	---	---	---	6	---	---	500	15
6,997	.29	71.32	1.57	---	---	---	---	11	---	2	488	11
657	---	217.66	13.70	---	---	---	---	7	---	---	161	9
5,796	---	68.99	.66	---	---	---	---	3	---	---	397	5
4,444	---	53.56	.66	---	---	---	---	7	---	---	231	3
345	---	139.13	2.90	---	---	---	---	---	---	---	48	1
689	---	23.22	---	---	---	---	---	---	---	---	16	---
7,998	---	65.64	2.50	---	1	---	---	7	---	---	517	20
8,484	---	94.30	4.24	---	1	---	---	16	1	---	761	35
4,569	.22	65.00	.22	---	---	---	---	3	---	1	294	1
786	---	29.26	---	---	---	---	---	1	---	---	22	---
450	---	33.33	---	---	---	---	---	---	---	---	15	---
211,996	.06	65.77	1.54	2	11	---	1	242	1	9	13,691	325
1,976	---	.51	---	---	---	---	---	---	---	---	1	---
4,442	---	2.25	---	---	---	---	---	---	---	---	10	---
562	---	1.78	---	---	---	---	---	---	---	---	1	---
2,915	---	8.23	---	---	---	---	---	2	---	---	22	---
3,058	---	6.21	.33	---	---	---	---	---	---	---	19	1
7,440	---	5.11	---	---	---	---	---	1	---	---	37	---
1,564	---	1.92	.16	---	---	---	---	---	---	---	3	---
6,198	---	7.58	.16	---	---	---	---	---	---	---	47	1

(CONT.)

TABLE 131-A CASUALTIES IN  
BY CLASS OF EMPLOYEE, AND BY  
1976

Class of Person	.....Total.....			.....Total.....			.....Total.....		
	Kid	Inj	Ill	Kid	Inj	Ill	Kid	Inj	Ill
V.--TRANSPORTATION (CONT.)									
Telegraphers, Telephoners, and Tovermen.....	---	5	---	---	110	4	---	106	4
Stationmasters and Assistants.....	---	5	---	---	5	1	---	5	1
Supervising Baggage Agents.....	---	---	---	---	---	---	---	---	---
Baggage Agents and Assistants.....	---	---	---	---	12	---	---	12	---
Baggage, Parcel Room, and Station Attendants.....	---	---	---	---	78	---	---	75	---
General Foremen(Freight Stations, Warehouses, Etc.)	---	---	---	---	5	---	---	4	---
Asst. General Foremen(Fri Stations, Warehouses)....	---	1	---	---	5	---	---	4	---
Gang Foremen(Freight Station, Warehouse, Etc).....	---	---	---	---	10	---	---	7	---
Callers, Loaders, Sealers, Scalers, Etc.....	---	13	---	---	46	---	---	41	---
Truckers(Stations, Warehouses, and Platforms)....	---	---	---	1	131	---	1	124	---
Laborers(Coal and Ore Docks And Grain Elevators)...	---	---	---	---	56	1	---	55	1
Common Laborers(Stations, Warehouses, Platforms)...	---	104	4	1	113	---	1	91	---
Stewards, Restaurant & Lodging-House Managers, Etc.	---	1	2	---	14	---	---	14	---
Chefs and Cooks(Restaurants or Dining Cars).....	---	---	---	---	133	8	---	132	4
Waiters, Camp Cooks, Kitchen Helpers, Etc.....	---	---	---	---	123	2	---	121	2
Officers, Workers, Att'ants on Barges, Launches....	---	---	---	---	64	1	---	62	1
Transportation and Dining-Service Inspectors.....	---	1	---	---	1	---	---	1	---
Parlor and Sleeping Car Conductors.....	---	---	---	---	---	---	---	---	---
Train Attendants.....	---	---	---	---	291	2	---	291	2
Bridge Operators and Helpers.....	---	---	---	1	23	---	1	22	---
Crossing and Bridge Flagmen and Gatesmen.....	---	---	---	---	16	---	---	16	---
Foremen(Laundry) and Laundry Workers.....	---	---	---	---	1	---	---	1	---
Subtotal.....	---	431	9	3	1,367	17	3	1,327	17
VI.--(a) TRANSPORTATION									
Yardmasters.....	---	5	---	---	119	3	---	107	3
Assistant Yardmasters.....	---	---	---	---	5	---	---	5	---
Switch Tenders.....	---	3	---	---	42	3	---	34	3
Outside Hostlers.....	---	1	---	---	186	1	---	174	1
Inside Hostlers.....	---	---	---	---	72	---	---	69	---
Outside Hostlers Helpers.....	---	---	---	---	77	1	---	69	1
Subtotal.....	---	9	---	---	501	8	---	458	8
VI.--(b) TRANSPORTATION (TRAIN AND ENGINE)									
Road Passenger Conductors.....	---	357	3	---	131	4	---	118	4
Assist Road Passenger Conductors & Ticket Collectr.	---	3	---	---	144	7	1	144	7
Road Freight Conductors(Through Freight).....	---	---	---	2	988	29	2	982	28
Road Freight Conductors(Local and Way Freight)....	---	---	---	3	848	16	3	836	15
Road Passenger Baggage-men.....	---	---	---	---	20	---	---	20	---
Road Passenger Brakemen and Flagmen.....	---	8	---	---	175	3	---	160	3
Road Freight Brakemen and Flagmen(Through Freight)	---	---	---	6	2,451	46	6	2,425	46
Road Freight Brakemen and Flagmen(Local & Way Frgh.	---	---	---	7	2,744	42	7	2,704	42
Yard Conductors and Yard Foremen.....	---	8	---	---	1,868	35	2	1,868	30
Yard Brakemen and Yard Helpers.....	1	35	---	17	7,357	100	17	6,695	81
Road Passenger Engineers and Motormen.....	---	260	1	---	150	12	---	146	12
Road Freight Engineers and Motormen(Through Frght)	---	---	---	6	571	33	6	568	33
Road Freight Engineers & Motormen(Local & Way Frgh.	---	---	---	1	472	17	1	465	17
Yard Engineers and Motormen.....	---	29	---	---	883	33	1	799	27
Road Passenger Firemen and Helpers.....	---	---	---	1	66	3	1	64	3
Road Freight Firemen and Helpers(Through Freight)..	---	---	---	3	196	5	3	197	5
Road Freight Firemen & Helpers(Local & Way Frght)..	---	---	---	1	121	4	1	120	4
Yard Firemen and Helpers.....	---	---	---	---	190	10	---	162	8
Subtotal.....	1	728	4	53	19,377	399	52	18,293	365
TOTAL.....	2	4,157	47	100	56,314	1,575	99	53,660	1,520

RAILROAD ACCIDENTS  
CLASS OF ACCIDENT

Man Hours (000)	Class I Railroads (Line-Haul)											
	Casualties per mill man-hrs			Train Accidents			Train Incidents			Nontrain Incidents		
	Kld	Inj	Ill	Kld	Inj	Ill	Kld	Inj	Ill	Kld	Inj	Ill
12,003	---	8.83	.33	---	---	1	---	---	---	---	106	3
209	---	23.92	4.78	---	---	---	---	---	---	---	5	1
29	---	---	---	---	---	---	---	---	---	---	---	---
50	---	240.00	---	---	---	---	---	1	---	---	11	---
2,145	---	34.97	---	---	---	---	---	5	---	---	70	---
186	---	21.51	---	---	---	---	---	---	---	---	4	---
87	---	45.98	---	---	---	---	---	---	---	---	4	---
480	---	14.58	---	---	---	---	---	---	---	---	7	---
950	---	43.16	---	---	---	---	---	2	---	---	39	---
569	1.70	210.53	---	---	---	---	---	3	---	1	121	---
1,054	---	52.18	.95	---	---	---	---	---	---	---	55	1
775	1.29	117.42	---	---	---	---	---	5	---	1	86	---
464	---	30.17	---	---	4	---	---	3	---	---	7	---
1,033	---	127.76	3.67	---	12	---	---	72	3	---	46	1
4,484	---	26.98	.45	---	9	---	---	41	1	---	71	1
1,122	---	55.26	.89	---	---	---	---	---	---	---	42	1
548	---	1.82	---	---	1	---	---	---	---	---	---	---
1	---	---	---	---	---	---	---	---	---	---	---	---
1,858	---	155.78	1.07	---	---	---	---	141	1	---	113	1
1,325	---	75	16.60	---	37	---	---	1	---	---	21	---
1,366	---	11.71	---	---	---	---	---	---	---	---	16	---
---	---	---	---	---	---	---	---	---	---	---	1	---
58,523	.05	22.52	.29	---	63	1	1	277	5	2	987	11
9,825	---	10.89	.31	---	---	---	---	7	---	---	100	3
430	---	11.63	---	---	---	---	---	---	---	---	5	---
707	---	48.09	4.24	---	---	---	---	5	---	---	29	3
3,107	---	56.00	.32	---	5	---	---	28	---	---	141	1
2,025	---	34.07	---	---	---	---	---	7	---	---	52	---
1,464	---	47.13	.68	---	---	---	---	14	---	---	55	1
17,558	---	26.06	.46	---	5	---	---	61	---	---	392	8
3,262	---	35.95	1.22	---	5	---	---	28	2	---	85	2
3,713	.27	36.76	1.69	---	7	2	1	43	1	---	94	4
15,963	.13	61.52	1.75	---	66	2	1	505	6	1	411	16
14,746	.20	56.69	1.02	---	32	---	3	345	4	---	459	11
457	---	43.76	---	---	1	---	---	7	---	---	12	---
1,311	---	122.04	2.29	---	9	1	---	55	---	---	96	2
31,856	.19	76.12	1.44	4	117	4	2	1,036	12	---	1,272	30
28,986	.24	93.29	1.45	3	60	---	---	1,057	7	2	1,587	35
30,877	.06	54.67	.97	---	9	---	---	2	460	1	1,219	29
56,141	.29	115.15	1.39	---	27	---	12	2,101	6	5	4,567	75
3,400	.29	42.44	3.49	1	6	---	---	59	4	---	79	6
17,584	.34	32.30	1.88	5	36	2	---	210	10	1	322	21
19,589	.07	31.87	1.17	---	19	---	1	186	8	---	260	9
26,560	.04	27.96	.95	1	20	---	---	317	7	---	462	20
1,663	.60	36.46	1.80	1	4	---	---	28	---	---	32	3
5,769	.52	34.15	.87	2	18	1	1	72	3	---	107	1
4,186	.24	28.67	.96	1	7	---	---	52	2	---	61	2
6,404	---	25.30	1.25	---	5	---	---	49	1	---	108	7
271,527	.19	67.37	1.34	18	450	12	25	6,610	76	9	11,233	277
579,052	.10	54.83	1.55	29	570	18	33	7,636	84	37	45,474	1,416

TABLE 131-B CASUALTIES IN RAILROAD ACCIDENTS  
RAPID TRANSIT CARRIERS - 1976

Class of Person	....Total....		Man Hours (000)	Casualties Per		Train-Accident		Train-Incident		...Nontrain..	
	Kill	Inj		Kill	Man-Hrs Inj	Kill	Inj	Kill	Inj	Kill	Inj
EMPLOYEES ON DUTY	2	4,204	83,609	.02	50.28	---	16	1	443	1	3,745
OTHERS	78	3,960	*	*	*	1	456	54	1,071	23	2,433
TOTAL	80	8,164	*	*	*	1	472	55	1,514	24	6,178

\*Note: Manhour figures are not available.

TABLE 131-C CASUALTIES IN RAILROAD ACCIDENTS  
BY CLASS OF PERSON, AND BY CLASS OF ACCIDENT  
1976

Class of Person	Rapid Transit		Total Class I and II		..... Total .....		Total All Class I		Train-Incident		NonTrain	
	Kill	Inj	Kill	Inj	Kill	Inj	Kill	Inj	Kill	Inj	Kill	Inj
EMPLOYEES NOT ON DUTY	---	3	9	586	9	576	---	1	5	558	4	17
PASSENGERS ON TRAINS	12	1,606	5	999	5	986	3	465	---	287	2	234
NONEMPLOYEES	12	2,100	1,112	5,143	1,096	4,955	106	177	84	955	904	3,823
TRESPASSERS	54	251	458	768	451	736	13	15	98	212	340	509
TOTAL....	76	3,960	1,584	7,498	1,561	7,253	124	658	187	2,012	1,250	4,583

TABLE 132-1 NATURE OF TRAIN ACCIDENT AND TRAIN INCIDENT FATALITIES, BY CLASS OF PERSON  
CLASS I AND II RAILROADS, 1976

	.... Train Accidents ....				..... Train Incidents .....										Total	Total			
	Coll	Derail	Other	Total	Coupling	Operating	Locos	H Brks	Switch	object*	on/off	Grade	Struck/	run over			Misc		
EMPLOYEES																			
Total Groups I-V	6	5	---	11	1	---	---	---	---	---	---	---	---	---	6	1	8	19	
Subtotal I-V	6	5	---	11	1	---	---	---	---	---	---	---	---	---	6	1	8	19	
VI.--- (b) Transportation (train and engine)																			
Asst road pass cond	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	1	
Rd frt cond (Thru)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	3	3	
Rd frt cond (Local)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	2	6	
Rd frt brakemen (T)	2	1	1	4	---	---	---	---	---	---	---	---	---	---	1	1	2	5	
Rd frt brakemen (L)	3	---	---	3	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Yard conductors	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	12	
Yard brakemen	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Rd pass engineers	---	---	1	1	---	---	---	---	---	---	---	---	---	---	---	---	---	5	
Rd frt engineers (T)	4	---	1	5	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Rd frt engineers (L)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Yard engineers	---	1	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	3	
Rd pass firemen	---	---	1	1	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Rd frt firemen (T)	1	---	1	2	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Rd frt firemen (L)	1	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Subtotal VI. (b)	11	2	5	18	3	---	1	---	2	3	1	4	11	25	43		43		
Employees not on duty																			
Employees not on duty	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	3	---	4	4
Subtotal Not on Duty	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	3	---	4	4
TOTAL EMPLOYEES	17	7	5	29	4	---	1	---	2	3	2	13	12	37			66		
NON-EMPLOYEES																			
Non-employees																			
Passengers	2	1	---	3	---	---	---	---	---	---	2	---	---	---	---	---	2	5	
Nonrespassers	---	3	107	110	---	---	---	---	---	---	---	904	11	1	916		1026		
Trespassers	---	4	12	16	---	---	---	---	---	---	11	72	253	8	344		360		
Subtotal Non Employees	2	8	119	129	---	---	---	---	---	---	13	976	264	9	1262		1391		
TOTAL NON-EMPLOYEES	2	8	119	129	---	---	---	---	---	---	13	976	264	9	1262		1391		
GRAND TOTAL...	19	15	124	158	4	---	1	---	2	16	978	277	21	1299			1457		

\* Persons on locomotives or cars coming in contact with structures

TABLE 132-B NATURE OF TRAIN ACCIDENT AND TRAIN INCIDENT INJURIES, BY CLASS OF PERSON  
CLASS I AND II RAILROADS, 1976

	..... Train Accidents .....				..... Train Incidents .....										Total	Total
	Coll	Derail	Other	Total	Coupling	Locos	H Brks	Swch	object*	on/off	Fixed Getting	Grade	Struck/	Misc		
<b>EMPLOYEES</b>																
Total Groups I-V	25	56	35	116	18	13	9	3	11	66	18	16	837	991	1107	
Subtotal I-V	25	56	35	116	18	13	9	3	11	66	18	16	837	991	1107	
<b>VI.--- (a) Transportation (yardmasters, switch tenders, and hostlers)</b>																
Yardmasters	---	---	---	1	---	---	---	---	---	4	---	---	2	7	7	
Switch tenders	---	---	---	---	---	---	---	---	---	4	---	---	1	5	5	
Outside hostlers	5	---	---	5	1	6	1	---	---	11	---	---	10	29	34	
Inside hostlers	---	---	---	---	---	5	---	---	---	1	---	---	2	8	8	
Hostler helpers	---	1	---	1	---	4	---	---	---	5	---	---	6	15	16	
Subtotal VI. (a)	5	1	---	6	2	15	1	---	---	25	---	---	21	64	70	
<b>VI.--- (b) Transportation (train and engine)</b>																
Head pass conductor	1	3	---	4	---	---	---	---	1	2	---	---	24	28	33	
Asst road pass cond	4	---	3	7	---	---	---	---	1	4	---	---	38	43	50	
Rd frt cond (Thru)	15	48	3	66	8	3	7	2	8	86	9	1	382	506	572	
Rd frt cond (Local)	8	20	4	32	20	3	23	1	11	105	1	4	180	348	380	
Rd pass baggage men	---	1	---	1	---	---	---	---	---	---	---	---	7	7	8	
Rd pass brakemen	32	68	17	117	40	7	28	10	25	316	14	3	598	1041	1158	
Rd frt brakemen (L)	18	32	11	61	57	4	76	15	35	451	10	4	415	1067	1128	
Yard conductors	3	4	2	9	46	7	41	8	24	192	---	6	163	487	496	
Yard brakemen	19	17	4	40	271	14	176	40	72	983	12	17	684	2249	2289	
Rd pass engineers	2	4	2	8	---	26	---	---	---	1	---	---	30	59	67	
Rd frt engineers (T)	16	10	10	36	7	59	---	---	---	2	17	5	1	121	212	248
Rd frt engineers (L)	6	6	7	19	4	70	2	1	2	14	7	---	86	186	205	
Yard engineers	17	5	3	25	3	176	4	---	5	24	1	---	120	333	358	
Rd pass firemen	1	2	1	4	1	9	---	---	1	1	---	---	16	28	32	
Rd frt firemen (T)	8	4	6	18	3	13	---	---	2	9	3	---	43	73	91	
Rd frt firemen (L)	---	3	4	7	2	9	---	---	1	5	---	---	35	52	59	
Yard firemen	6	---	2	8	---	18	1	1	---	2	---	---	28	50	58	
Subtotal VI. (b)	157	235	80	472	464	422	359	79	191	2214	63	36	2997	6825	7297	
Employees not on duty	---	1	---	1	---	---	---	---	---	4	1	4	8	17	18	
Subtotal Not on Duty	---	1	---	1	---	---	---	---	---	4	1	4	8	17	18	
<b>TOTAL EMPLOYEES</b>	<b>187</b>	<b>293</b>	<b>115</b>	<b>595</b>	<b>484</b>	<b>450</b>	<b>369</b>	<b>82</b>	<b>202</b>	<b>2309</b>	<b>82</b>	<b>56</b>	<b>3863</b>	<b>7897</b>	<b>8492</b>	
<b>NCN-EMPLOYEES</b>																
Non-employees	49	302	114	465	1	---	1	---	---	40	10	---	186	238	703	
Passengers	19	15	150	184	1	1	1	1	2	7	3853	45	37	3948	4132	
Nontrespassers	1	2	17	20	---	---	---	---	2	76	181	232	43	534	554	
Trespassers	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Subtotal Non-Employees	69	319	281	669	2	1	2	1	4	123	4044	277	266	4720	5389	
<b>TOTAL NON-EMPLOYEES</b>	<b>69</b>	<b>319</b>	<b>281</b>	<b>669</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>4</b>	<b>123</b>	<b>4044</b>	<b>277</b>	<b>266</b>	<b>4720</b>	<b>5389</b>	
<b>GRAND TOTAL...</b>	<b>256</b>	<b>612</b>	<b>396</b>	<b>1264</b>	<b>486</b>	<b>451</b>	<b>371</b>	<b>83</b>	<b>206</b>	<b>2432</b>	<b>4126</b>	<b>333</b>	<b>4129</b>	<b>12617</b>	<b>13881</b>	

\* Persons on locomotives or cars coming in contact with structures

TABLE 132-C NATURE OF TRAIN ACCIDENT AND TRAIN INCIDENT FATALITIES, BY CLASS OF PERSON  
RAPID TRANSIT CARRIERS, 1976

	..... Train Accidents .....				..... Train Incidents .....										Total	Total
	Coll	Derail	Other	Total	Coupling	Locos	H Brks	Swch	object*	on/off	Fixed Getting	Grade	Struck/	Misc		
<b>EMPLOYEES</b>																
<b>VI.--- (b) Transportation (train and engine)</b>																
Yard brakemen	---	---	---	1	---	---	---	---	---	---	---	---	---	1	1	
Subtotal VI. (b)	---	---	---	1	---	---	---	---	---	---	---	---	---	1	1	
<b>TOTAL EMPLOYEES</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>1</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>1</b>	<b>1</b>	
<b>NCN-EMPLOYEES</b>																
Non-employees	1	---	---	1	---	---	---	---	---	1	---	2	8	11	12	
Passengers	---	---	---	---	---	---	---	---	---	---	---	2	---	2	2	
Nontrespassers	---	---	---	---	---	---	---	---	---	---	---	41	---	41	41	
Trespassers	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Subtotal Non-Employees	1	---	---	1	---	---	---	---	---	1	---	45	8	54	55	
<b>TOTAL NON-EMPLOYEES</b>	<b>1</b>	<b>---</b>	<b>---</b>	<b>1</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>1</b>	<b>---</b>	<b>45</b>	<b>8</b>	<b>54</b>	<b>55</b>	
<b>GRAND TOTAL...</b>	<b>1</b>	<b>---</b>	<b>---</b>	<b>1</b>	<b>1</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>1</b>	<b>---</b>	<b>45</b>	<b>8</b>	<b>55</b>	<b>56</b>	

\* Persons on locomotives or cars coming in contact with structures

TABLE 132-D NATURE OF TRAIN ACCIDENT AND TRAIN INCIDENT INJURIES, BY CLASS OF PERSON  
RAPID TRANSIT CARRIERS, 1976

	..... Train Accidents .....				.....Operating.....					Train Incidents .....				Total	Total
	Coll	Derail	Other	Total	Ccup- ling	Locos	H Brks	Swch	object*	Fixed on/off	Getting Grade	Struck/ run over	Misc		
EMPLOYEES															
Total Groups I-V	---	1	---	1	---	1	---	---	---	1	---	1	151	154	155
Groups I-V	---	1	---	1	---	1	---	---	---	1	---	1	151	154	155
SUBTOTAL I-V	---	1	---	1	---	1	---	---	---	1	---	1	151	154	155
VI.--- (a) Transportation (Yardmasters, switch tenders, and hostlers)															
Yardmasters	---	---	1	1	---	---	---	---	---	---	---	---	---	---	1
SUBTOTAL VI.(a)	---	---	1	1	---	---	---	---	---	---	---	---	---	---	1
VI.--- (b) Transportation (train and engine)															
Head pass conductor	---	---	---	2	---	2	1	---	---	2	---	---	150	155	157
Asst road pass cond	---	---	---	---	---	---	---	---	---	---	---	---	1	1	1
Rd pass brakemen	---	---	---	---	---	---	---	---	---	---	---	3	1	4	4
Yard brakemen	1	---	---	1	3	1	---	---	---	1	---	---	1	6	7
Rd pass engineers	6	1	---	9	---	3	---	---	---	---	1	---	112	117	126
Yard engineers	1	1	---	2	---	---	---	---	---	---	---	---	1	1	3
SUBTOTAL VI.(b)	12	2	---	14	3	6	1	---	1	3	1	3	266	284	298
Employees not on duty															
Employees not on duty	1	---	---	1	---	---	---	---	---	---	---	---	---	---	1
SUBTOTAL Not on Duty	1	---	---	1	---	---	---	---	---	---	---	---	---	---	1
TOTAL EMPLOYEES	13	3	1	17	3	7	1	---	1	4	1	4	417	438	455
NON-EMPLOYEES															
Non-employees															
Passengers	454	1	---	455	---	---	---	---	---	113	1	4	869	987	1442
Montrespassers	---	---	---	---	---	1	---	---	---	1	---	40	4	46	46
Trespassers	---	---	---	---	---	---	---	---	---	1	2	35	---	38	38
SUBTOTAL Ncn Employees	454	1	---	455	---	1	---	---	---	115	3	79	873	1071	1526
TOTAL NCN-EMPLOYEES	454	1	---	455	---	1	---	---	---	115	3	79	873	1071	1526

TABLE 132-E NATURE OF TRAIN ACCIDENT AND TRAIN INCIDENT ILLNESSES, BY CLASS OF PERSON  
CLASS I AND II BARRIERS, 1976

	..... Train Accidents .....				.....Operating.....					Train Incidents .....				Total	Total
	Coll	Derail	Other	Total	Ccup- ling	Locos	H Brks	Swch	object*	Fixed on/off	Getting Grade	Struck/ run over	Misc		
EMPLOYEES															
Total Groups I-V	---	6	---	6	---	---	---	---	---	1	---	---	7	8	14
Groups I-V	---	6	---	6	---	---	---	---	---	1	---	---	7	8	14
SUBTOTAL I-V	---	6	---	6	---	---	---	---	---	1	---	---	7	8	14
VI.--- (b) Transportation (train and engine)															
Head pass conductor	---	---	---	---	---	---	---	---	---	---	---	---	2	2	2
Asst road pass cond	---	---	2	2	---	---	---	---	---	---	---	---	1	1	3
Rd frt cond (Thru)	---	2	---	2	---	1	---	---	---	---	1	---	6	8	10
Rd frt cond (Local)	---	---	---	---	---	---	---	---	---	---	---	---	4	4	4
Rd pass brakemen	---	1	---	1	---	---	---	---	---	---	---	---	---	---	1
Rd frt brakemen (T)	---	3	1	4	---	---	---	---	---	1	---	---	11	12	15
Rd frt brakemen (L)	---	---	---	---	---	---	---	---	---	---	---	---	7	7	7
Yard conductors	---	---	---	---	---	---	---	---	---	---	---	---	1	1	1
Yard brakemen	---	---	---	---	---	1	---	---	---	---	---	---	5	6	6
Rd pass engineers	---	---	---	---	---	6	---	---	---	---	---	---	3	4	4
Rd frt engineers (T)	---	2	---	2	---	---	---	---	---	---	---	---	4	10	12
Rd frt engineers (L)	---	---	---	---	---	3	---	---	---	---	---	---	5	8	8
Yard engineers	---	---	---	---	---	6	---	---	---	---	---	---	1	7	7
Rd frt firemen (T)	---	---	1	1	---	1	---	---	---	---	---	---	2	3	4
Rd frt firemen (L)	---	---	---	---	---	---	---	---	---	---	---	---	2	2	2
Yard firemen	---	---	---	---	---	---	---	---	---	---	---	---	1	1	1
SUBTOTAL VI.(b)	---	8	4	12	---	19	---	---	1	---	1	---	55	76	88
TOTAL EMPLOYEES	---	14	4	18	---	19	---	---	1	1	1	---	62	84	102
GRAND TOTAL...															
	---	14	4	18	---	19	---	---	1	1	1	---	62	84	102

\* Persons on locomotives or cars coming in contact with structures

TABLE 132-F NATURE OF TRAIN ACCIDENT AND TRAIN INCIDENT ILLNESSES, BY CLASS OF PERSON  
RAPID TRANSIT CARRIERS, 1976

	... Train Accidents ...				Train Incidents .....								Total	Total
	Coll	Deraill	Other	Total	Coupl- ing	.....Operating..... Locos H Brks Swtch	Fixed object*	Getting on/off	Grade kings	Struck/ run over	Misc	Total		
EMPLOYEES														
Total Groups I-V	---	---	---	---	---	---	---	---	---	---	---	3	3	3
SUBTOTAL I-V	---	---	---	---	---	---	---	---	---	---	---	3	3	3
VI.--- (b) Transportation (train and engine)														
Read pass conductor	---	---	---	---	---	---	---	---	---	---	---	2	2	2
SUBTOTAL VI. (b)	---	---	---	---	---	---	---	---	---	---	---	2	2	2
TOTAL EMPLOYEES	---	---	---	---	---	---	---	---	---	---	---	5	5	5
GRAND TOTAL...	---	---	---	---	---	---	---	---	---	---	---	5	5	5

\* Persons on locomotives or cars coming in contact with structures

TABLE 138-A TRAIN ACCIDENTS AND DAMAGE BY MONTH  
CLASS I AND CLASS II RAILROADS, 1976

Month	...RR Property Damage..		....Collisions.....		....Derailments....		.....Other.....		.....Total.....	
	Equipment	Track And Roadbed	Accid- ents	Damages (\$)	Accid- ents	Damages (\$)	Accid- ents	Damages (\$)	Accid- ents	Damages (\$)
January	17,354,072	4,829,461	90	1,191,603	689	16,719,530	94	2,272,400	873	22,163,533
February	14,227,493	4,372,184	101	3,841,068	677	13,430,405	68	1,326,204	846	18,599,677
March	12,422,117	3,910,768	119	1,234,026	730	13,472,399	76	1,626,460	925	16,332,885
April	11,905,044	3,619,573	127	1,901,534	617	12,628,780	70	994,303	814	15,524,617
May	16,154,441	4,234,571	96	1,879,833	607	16,698,910	70	1,810,309	773	20,389,052
June	15,573,894	4,157,832	107	2,010,389	621	16,142,876	72	1,578,461	800	19,731,726
July	15,345,991	5,223,573	134	3,509,846	586	15,809,640	78	1,250,478	798	20,569,964
August	13,813,741	3,977,141	110	987,316	653	15,191,278	80	1,612,288	843	17,790,882
September	14,056,832	4,343,654	112	1,996,387	605	14,970,454	89	1,433,685	786	18,402,486
October	14,461,207	3,744,526	142	3,177,255	731	14,140,403	93	888,475	966	18,206,133
November	14,267,622	4,207,963	119	1,369,354	721	15,942,527	91	1,163,704	931	18,475,585
December	16,614,173	4,169,984	113	1,648,441	697	17,126,559	83	2,009,157	893	20,784,157
TOTAL...	176,198,667	50,792,030	1,370	24,749,012	7,934	184,273,761	944	17,967,924	10,248	226,990,697

TABLE 138-B RAPID TRANSIT ACCIDENTS AND DAMAGE BY MONTH  
1976

Month	...RR Property Damage..		....Collisions.....		....Derailments....		.....Other.....		.....Total.....	
	Equipment	Track And Roadbed	Accid- ents	Damages (\$)	Accid- ents	Damages (\$)	Accid- ents	Damages (\$)	Accid- ents	Damages (\$)
January	410,663	28,544	5	382,251	2	10,657	2	46,099	9	439,207
February	1,857	3,000	---	---	---	---	2	4,857	2	4,857
March	310,336	14,575	3	55,875	2	263,640	2	5,798	7	325,313
April	24,100	4,659	---	---	2	28,759	---	---	2	28,759
May	47,174	1,459	5	18,526	1	4,857	3	25,250	9	48,633
June	35,976	321	---	---	---	---	---	32,000	3	38,297
July	39,257	2,067,117	2	12,300	2	16,200	1	2,055,874	5	2,126,374
August	160,096	9,620	2	56,183	3	61,733	1	50,000	6	169,916
September	127,027	36,745	3	50,114	4	113,658	---	---	7	163,772
October	902,169	11,949	3	657,345	3	225,148	2	31,625	8	914,118
November	791,478	47,689	3	610,000	5	114,167	2	115,000	10	839,167
December	64,766	12,300	5	71,066	1	3,000	1	3,000	7	77,066
TOTAL...	2,914,901	2,258,578	31	1,915,660	26	848,316	18	2,409,503	75	5,173,479

TABLE 139-A TRAIN ACCIDENTS, NUMBER OF UNITS,  
ACCIDENTS AND DAMAGE PER MILLION UNITS  
CLASS I AND II RAILROADS 1976

Month	Total Train Accidents	Loco- Motive Miles	.....Number Of Units.....			Accidents Per Mill Units	Damage Per Mill Units
			Motor Train Miles	Yard Switching Miles	Total Units		
January	873	38,385,290	5,416,686	17,620,617	61,422,593	14.21	361,162
February	846	39,437,248	5,041,572	17,642,697	62,121,517	13.62	299,408
March	925	43,179,191	5,558,949	18,474,417	67,212,557	13.76	243,003
April	814	41,043,413	6,054,670	18,760,290	65,678,373	12.36	235,656
May	773	42,049,997	5,998,820	18,908,429	66,957,246	11.54	304,509
June	800	41,467,944	6,094,094	18,724,181	66,286,219	12.07	297,675
July	796	41,136,203	6,299,291	18,172,911	65,608,405	12.16	313,526
August	843	41,289,971	5,296,197	18,392,669	64,976,457	12.97	273,795
September	786	40,574,887	4,866,655	17,988,362	63,429,904	12.39	290,123
October	966	42,264,685	5,105,523	18,565,649	65,935,857	14.65	276,119
November	931	40,144,107	4,953,770	17,833,665	62,931,562	14.79	293,582
December	693	40,438,464	5,302,495	16,259,526	62,000,485	14.40	335,226
GRAND TOTAL	10,248	491,411,400	65,988,722	217,363,453	774,763,575	13.23	292,981



TABLE 139-B TRAIN ACCIDENTS, NUMBER OF PASSENGER CAR MILES, ACCIDENTS AND DAMAGE PER BILLION CAR MILES RAPID TRANSIT CARRIERS, 1976

Month	Total Train Accidents	Passenger Car Miles	Accidents Per Mil Car Miles	Damage Per Mil Car Miles (\$)
January	9	33,666,261	0.27	12,968
February	2	31,437,810	0.06	154
March	7	34,164,026	0.20	9,522
April	2	32,635,252	0.06	881
May	9	32,167,723	0.28	1,512
June	3	32,141,121	0.09	1,129
July	5	33,131,524	0.15	64,160
August	6	32,902,607	0.18	5,164
September	7	31,572,558	0.22	5,187
October	8	31,807,759	0.25	28,739
November	10	31,726,640	0.31	26,450
December	7	34,341,604	0.20	2,212
GRAND TOTAL	75	392,406,685	0.19	13,164

TABLE 140-A NUMBER OF TRAIN ACCIDENTS AND DAMAGE BY GENERAL CAUSES AND PRINCIPAL SUBCAUSES CLASS I and II RAILROADS, 1976

Cause	No.	Damage (\$)	Average Damage per Accident (\$)
<b>HUMAN FACTORS:</b>			
Use of brakes	303	6,349,555	20,943
Employee physical condition	2	66,128	33,050
Flag, fixed, hand/radio signals	78	2,929,779	37,555
Other rules	651	6,886,675	10,563
Speed	310	5,151,383	16,611
Use of switches	408	3,074,530	7,528
Miscellaneous	608	7,481,361	12,296
SUBTOTAL...	2,360	31,939,411	13,523
<b>MECHANICAL FAILURES:</b>			
Brakes	274	4,928,464	17,976
Trailer/container on flat car	15	163,072	10,866
Body	249	6,972,678	27,994
Coupler and draft system	380	7,892,030	20,761
Truck components	369	10,714,939	29,030
Axles and journal bearings	302	14,408,815	47,702
Wheels	404	15,361,025	38,015
General mech failures	36	1,144,985	31,802
SUBTOTAL...	2,029	61,585,988	30,344
Locomotives	122	6,645,465	54,469
Brakes-loco	1	7,469	7,500
Body-loco	---	---	---
Coupler and draft system-loco	---	---	---
Truck components-loco	1	5,765	5,800
Axles and journal bearings-loco	6	134,197	16,762
Wheels-loco	9	171,154	19,011
General mech failures-loco	4	22,469	5,600
SUBTOTAL...	145	6,986,519	48,180
<b>TRACK, ROADBED AND STRUCTURES:</b>			
Roadbed defects	187	3,576,961	19,118
Track geometry defects	2,038	40,011,855	19,624
Rail and joint bar defects	1,152	33,791,768	29,323
Frogs, switches and appliances	642	7,218,025	8,563
Other way and structures	30	761,809	25,380
Signal and communication failures	11	176,938	16,072
SUBTOTAL...	4,260	85,537,356	20,070
<b>MISCELLANEOUS:</b>			
Collision at grade crossing	336	8,006,099	23,680
Emergency brake application	25	624,860	32,988
Interference by non-employees	170	3,477,646	20,450
Car overloaded/oversized-improper load	215	6,773,694	31,500
Obstruction on track	122	2,470,606	20,240
Miscellaneous	564	19,388,518	33,191
SUBTOTAL...	1,454	40,941,423	28,150
GRAND TOTAL...	10,246	226,990,697	22,141

TABLE 140-B NUMBER OF TRAIN ACCIDENTS AND DAMAGE BY CLASS OF ACCIDENT, CLASS I and CLASS II RAILROADS 1976

Class of accident	No.	Damage (\$)	Average Damage per Accident (\$)
<b>COLLISIONS</b>			
Head-on	94	3,572,631	37,996
Rear-end	242	7,524,172	31,085
Side	828	10,679,925	12,883
Raking	150	1,784,948	11,883
Broken train	54	1,178,610	21,614
RR King	2	8,726	4,350
SUBTOTAL...	1,370	24,749,012	18,051
<b>DERAILMENTS</b>			
Defects in brakes, hoses, etc.	215	3,263,855	15,169
Defects in couplers and draft system	328	7,210,098	21,975
Defects in locos, cars, etc	246	9,619,360	39,094
Defects in trucks, wheels, or axles	1,069	40,072,327	37,876
Track, Roadbed and Structures	4,131	84,411,784	20,424
Obstructions on track	74	1,692,417	22,858
General Mech and Elec failures	20	773,359	38,665
Human factors - employees	1,229	18,158,436	14,767
Human factors - non-employees	117	1,798,919	15,366
Not elsewhere classifiable	505	17,273,246	34,196
SUBTOTAL...	7,934	164,273,761	23,217
<b>OTHER TRAIN ACCIDENTS</b>			
Rail-Hwy Xing	352	8,394,168	23,840
Obstruction	54	484,076	8,961
Explosion - Detonation	7	124,634	17,800
Fire or violent rupture	249	6,480,345	26,024
Other	262	2,484,681	8,606
SUBTOTAL...	944	17,967,924	19,029
<b>GRAND TOTAL</b>	<b>10,248</b>	<b>226,990,697</b>	<b>22,141</b>

TABLE 140-C NUMBER OF TRAIN ACCIDENTS AND DAMAGE BY GENERAL CAUSES AND PRINCIPAL SUBCAUSES RAPID TRANSIT CARRIERS, 1976

Cause	No.	Damage (\$)	Average Damage per Accident (\$)
<b>HUMAN FACTORS:</b>			
Use of brakes	5	11,935	2,380
Employee physical condition	---	---	---
Flag, fixed, hand/radio signals	5	920,826	184,160
Other rules	4	22,500	5,625
Speed	12	1,142,249	95,191
Use of switches	4	94,405	23,625
Miscellaneous	---	---	---
SUBTOTAL...	30	2,191,915	73,066
<b>MECHANICAL FAILURES:</b>			
Brakes	1	24,073	24,100
Trailer/container on flat car	---	---	---
Body	---	---	---
Coupler and draft system	1	7,665	7,700
Truck components	---	---	---
Axles and journal bearings	---	---	---
Wheels	---	---	---
General mech failures	6	106,406	17,733
SUBTOTAL...	8	138,144	17,275
Locomotives	6	125,759	20,950
Brakes-loco	---	---	---
Body-loco	---	---	---
Coupler and draft system-loco	---	---	---
Truck components-loco	---	---	---
Axles and journal bearings-loco	2	9,329	4,650
Wheels-loco	---	---	---
General mech failures-loco	---	---	---
SUBTOTAL...	8	135,088	16,875
<b>TRACK, ROADBED AND STRUCTURES:</b>			
Roadbed defects	2	7,927	3,950
Track geometry defects	6	2,188,479	364,750
Rail and joint bar defects	1	207,000	207,000
Frogs, switches and appliances	1	16,280	16,300
Other way and structures	---	---	---
Signal and communication failures	---	---	---
SUBTOTAL...	10	2,419,686	241,970
<b>MISCELLANEOUS:</b>			
Collision at grade crossing	1	11,625	11,600
Emergency brake application	---	---	---
Interference by non-employees	2	104,857	52,450
Car overloaded/oversized-improper load	---	---	---
Obstruction on track	5	15,211	3,040
Miscellaneous	11	156,953	14,272
SUBTOTAL...	19	288,646	15,194
<b>GRAND TOTAL:...</b>	<b>75</b>	<b>5,173,479</b>	<b>68,981</b>

TABLE 140-D NUMBER OF TRAIN ACCIDENTS AND DAMAGE  
BY CLASS OF ACCIDENT, RAPID TRANSIT CARRIERS  
1976

Class of accident	No.	Damage (\$)	Average Damage per Accident (\$)
<b>COLLISIONS</b>			
Head-on	5	1,166,693	233,340
Rear-end	12	676,631	56,391
Side	10	47,571	4,750
Raking	2	9,600	4,800
Broken train	1	7,665	7,700
RE King	1	7,500	7,500
SUBTOTAL...	31	1,915,660	61,796
<b>DERAILMENTS</b>			
Defects in brakes, hoses, etc.	1	24,073	24,100
Defects in couplers and draft system	---	---	---
Defects in locos, cars, etc	---	---	---
Defects in trucks, wheels, or axles	2	9,329	4,650
- Track, Roadbed and Structures	7	109,312	15,614
Obstructions on track	2	6,606	3,300
General Mech and Elec failures	1	47,806	47,800
Human factors - employees	6	573,105	71,650
Human factors - non-employees	1	4,857	4,900
Not elsewhere classifiable	4	73,228	18,325
SUBTOTAL...	26	848,316	32,634
<b>OTHER TRAIN ACCIDENTS</b>			
Rail-Hwy King	1	11,625	11,600
Obstruction	5	13,655	2,720
Explosion - Detonation	1	2,095,874	2,095,900
Fire or violent rupture	10	265,759	26,570
Other	1	22,590	22,600
SUBTOTAL...	18	2,409,503	133,855
<b>GRAND TOTAL</b>	<b>75</b>	<b>5,173,479</b>	<b>68,981</b>

TABLE 143-A NATURE OF INJURIES  
BY TRAIN ACCIDENTS, TRAIN INCIDENTS AND NONTRAIN INCIDENTS  
CLASS I AND II RAILROADS, 1976

Class of Accident	Amputations					Total	Fractures							Other Injuries										Total Injuries	Total Injury Fatalities
	Arm or Hand	Finger	Leg or Foot	Toe	Other Part		Arm or Hand	Finger	Leg or Foot	Toe	Head or Face Bones	Torso	Other	Total	Bruise	Sprain or Strain	Cut or Laceration	Electric Shock or Burn	Other Burns	Dislocation	Cinder, etc. in Eye	Other	Total		
<b>TRAIN ACCIDENTS</b>																									
Collisions.....	---	1	---	1	---	2	6	2	5	---	2	7	---	22	97	63	25	---	2	2	---	43	232	256	19
Derailments.....	---	---	3	---	---	3	9	3	5	---	5	21	3	41	259	176	51	1	9	3	1	68	568	612	15
Other Train Accidents.....	---	---	---	---	1	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<b>Total.....</b>	---	1	3	1	---	6	18	5	29	1	15	53	9	130	489	313	142	1	16	6	1	160	1,128	1,264	158
<b>TRAIN INCIDENTS</b>																									
Coupling or uncoupling.....	3	4	6	1	---	14	6	10	5	2	5	9	1	38	164	153	93	---	3	1	9	11	434	486	4
Operating locomotives.....	---	---	---	---	---	---	2	5	3	---	4	7	2	23	127	105	69	6	2	4	102	13	428	451	---
Operating hand brakes.....	---	---	7	3	---	10	11	6	6	2	1	6	6	38	114	142	48	---	---	8	---	11	323	371	1
Operating switches.....	---	---	---	---	---	---	2	2	---	---	1	2	---	7	20	40	7	---	---	1	6	2	76	83	---
Coming in contact w/obj.....	---	---	---	---	---	---	8	1	2	---	1	7	3	22	101	27	45	---	---	1	2	8	184	206	2
Getting on/off loco or cars.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Accidents at Highway Grades.....	7	2	40	4	---	53	45	17	93	10	4	35	6	210	605	1,274	231	---	1	23	4	31	2,169	2,432	16
Other struck or run over.....	2	1	7	1	---	11	96	5	187	1	101	199	51	640	1,302	332	1,266	1	5	15	4	550	3,475	4,126	978
Miscellaneous.....	9	14	64	1	2	77	11	---	23	---	14	24	1	73	60	11	72	1	---	1	---	38	183	333	277
<b>Total.....</b>	14	16	2	---	---	36	87	46	64	12	22	92	17	300	1,159	776	626	5	74	25	970	158	3,793	4,129	21
<b>Total.....</b>	25	22	140	12	2	201	228	92	383	27	153	381	87	1,351	3,652	2,860	2,457	13	85	79	1,097	822	11,065	12,617	1,299
<b>NONTRAIN INCIDENTS</b>																									
Coupling incidents.....	---	5	2	---	---	7	22	30	17	16	11	12	1	109	498	890	260	1	32	10	39	57	1,807	1,923	2
Operating switches.....	---	3	---	---	---	3	13	36	7	41	4	8	2	111	310	1,293	76	1	3	25	23	63	1,794	1,906	---
Getting on/off locos or cars.....	---	2	1	2	---	5	52	16	104	8	4	26	7	217	753	1,550	321	1	6	24	4	41	2,700	2,922	3
Involving windows, doors, stumbling, falling not on flying/falling objs, burns, striking, struck by.....	3	3	---	---	---	6	27	78	71	151	19	8	5	199	339	229	361	---	1	6	9	33	978	1,187	2
Use of tools.....	---	16	---	---	---	16	53	266	51	32	36	14	17	782	1,641	3,317	922	---	11	66	3	101	6,061	6,846	8
Use of shop, bldg, maint handling of rails, ties, etc... handling of other material. Motor vehicles other than.....	1	25	---	---	---	26	44	305	126	151	20	16	8	362	671	107	819	198	821	4	4,263	160	7,043	7,411	10
<b>Total.....</b>	8	14	2	---	---	36	87	46	64	12	22	92	17	300	1,159	776	626	5	74	25	970	158	3,793	4,129	21
<b>Total.....</b>	25	22	140	12	2	201	228	92	383	27	153	381	87	1,351	3,652	2,860	2,457	13	85	79	1,097	822	11,065	12,617	1,299
<b>GRAND TOTAL.....</b>	38	160	169	24	6	397	941	1,648	1,392	692	387	818	7	398	684	2,409	307	3	17	10	48	161	4,139	4,546	1

TABLE 143-B NATURE OF INJURIES  
BY CLASS OF PERSON, CLASS I AND CLASS II RAILROADS, 1976

Class of Accident	Amputations					Total	Fractures							Other Injuries										Total Injuries	Total Injury Fatalities
	Arm or Hand	Finger	Leg or Foot	Toe	Other Part		Arm or Hand	Finger	Leg or Foot	Toe	Head or Face Bones	Torso	Other	Total	Bruise	Sprain or Strain	Cut or Laceration	Electric Shock or Burn	Other Burns	Dislocation	Cinder, etc. in Eye	Other	Total		
<b>EMPLOYEES ON DUTY</b>																									
<b>YARD SERVICE:</b>																									
Engineers and Motormen.....	1	1	---	---	---	2	6	15	21	4	2	11	2	61	225	224	96	4	11	7	217	36	820	883	1
Firemen and Helpers.....	---	1	---	---	---	1	4	2	4	---	---	3	---	13	46	58	21	1	5	---	37	8	176	190	---
Conductors and Foremen.....	3	3	---	3	---	7	27	30	33	16	4	29	1	142	438	753	232	---	28	9	205	54	1,719	1,868	3
Brakemen and Helpers.....	1	5	10	4	---	22	73	81	100	47	17	59	11	388	1,663	3,116	841	---	92	43	1,011	181	6,947	7,357	17
<b>FREIGHT SERVICE:</b>																									
Engineers and Motormen.....	---	4	1	---	---	5	10	17	14	2	6	8	---	57	196	299	130	6	14	12	282	42	981	1,043	7
Firemen and Helpers.....	---	---	---	---	---	---	5	6	2	---	---	5	---	38	53	79	46	5	6	2	93	17	301	319	4
Conductors.....	2	4	3	---	---	9	30	22	32	7	16	38	16	161	506	630	240	---	10	13	206	59	1,666	1,836	5
Brakemen and Flagmen.....	1	6	13	2	1	23	54	60	84	30	21	75	14	336	1,156	2,054	567	2	47	35	771	200	4,834	5,195	13
<b>PASSENGER SERVICE:</b>																									
Engineers and Motormen.....	---	1	---	1	---	2	---	4	3	---	---	---	1	6	24	41	28	4	1	3	37	2	140	150	1
Firemen and Helpers.....	---	---	---	---	---	---	1	2	---	---	---	---	---	2	16	20	9	1	2	---	13	3	64	66	1
Conductors.....	---	2	---	---	---	2	1	7	---	1	2	---	1	12	30	51	17	1	---	16	1	117	131	---	
Baggagemen.....	---	---	---	---	---	---	---	1	1	---	---	---	---	2	4	9	3	---	---	2	---	---	18	20	---
Brakemen and Flagmen.....	---	---	---	---	---	---	2	4	---	---	2	2	1	11	51	50	26	1	3	2	28	3	164	175	---
HOSTELERS.....	---	---	---	---	---	---	4	5	4	5	---	1	---	19	69	137	49	---	7	2	42	10	316	335	---
<b>OTHER EMPLOYEES.....</b>	8	124	12	6	---	150	506	1,360	713	553	160	245	118	3,655	7,928	11,028	7,713	236	1,332	187	3,164	1,453	32,941	36,736	48
<b>SUMMARY</b>																									
Total employees on duty..	16	151	39	16	1	223	722	1,616	1,011	667	230	476	165	4,887	12,309	18,549	10,018	261	1,559	315	6,124	2,069	51,204	56,314	100
Employees not on duty....	---	---	---	---	---	---	20	7	27	10	4	12	3	83	106	215	113	1	10	5	31	19	500	583	9
Passengers.....	1	1	1	---	---	3	22	7	29	4	7	34	1	104	415	216	156	1	5	3	9	67	892	999	5
Nontravellers.....	3	5	6	1	2	17	148	17	257	7	121	255	61	865	1,548	461	1,535	3	20	23	15	655	4,260	5,143	1,112
Trespassers.....	3	3	123	7	3	154	29	1	68	4	25	41	1	169	102	23	192	21	3	4	1	99	485	768	458
<b>GRAND TOTAL.....</b>	38	160	169	24	6	397	941	1,648	1,392	692	387	818	231	6,109	14,440	19,464	12,014	267	1,597	350	6,160	2,929	57,301	63,807	1,664

TABLE 143-C NATURE OF INJURIES  
BY TRAIN ACCIDENTS, TRAIN INCIDENTS AND NONTRAIN INCIDENTS  
RAPID TRANSIT CARRIERS, 1976

Class of Accident	Amputations					Total	Fractures							Total	Other Injuries							Total Injuries	Total Injury Fatalities		
	Arm or Hand	Finger	Leg or Foot	Toe	Other Part		Arm or Hand	Finger	Leg or Foot	Toe	Head or Face Bones	Torso	Other		Bruise	Sprain or Strain	Cut or Laceration	Electric Shock or Burn	Other Burns	Dislocation	Cinder, etc. in Eye			Other	
TRAIN ACCIDENTS																									
Collisions.....	---	---	---	---	---	---	3	1	7	1	9	10	---	31	100	137	45	---	---	---	1	153	436	467	1
Derailements.....	---	---	---	---	---	---	---	---	---	---	---	---	---	2	1	1	---	---	---	---	---	4	4	---	
Other Train Accidents.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Total.....	---	---	---	---	---	---	3	1	7	1	9	10	---	31	102	138	46	1	---	1	153	441	472	1	
TRAIN INCIDENTS																									
Coupling or uncoupling.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	---	---	---	---	1	3	3	1	
Operating locomotives.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	1	---	---	---	8	8	---	
Operating hand brakes.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	1	1	---	
Operating switches.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Coming in contact w/fixd obj.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	1	1	---	
Getting on/off loco or cars.....	---	---	---	---	---	---	1	---	4	---	---	2	---	7	62	16	29	---	---	2	---	3	112	119	1
Accidents at Highway Grades.....	---	---	---	---	---	---	---	---	---	---	1	1	---	2	1	1	---	---	---	---	---	2	4	---	
Other struck or run over.....	4	---	3	---	1	8	2	---	2	---	---	---	---	4	24	4	40	---	---	---	3	71	83	45	
Miscellaneous.....	---	2	---	---	---	2	14	12	10	1	2	7	---	46	563	171	353	3	10	2	65	75	1,242	1,290	8
Total.....	4	2	3	---	1	10	17	12	16	1	3	10	---	59	656	194	425	4	10	4	65	62	1,440	1,509	55
NONTRAIN INCIDENTS																									
Coupling incidents.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	3	4	---	---	---	1	10	10	---	
Operating switches.....	---	---	---	---	---	---	---	---	---	---	1	---	---	1	4	9	3	---	---	---	1	17	16	---	
Getting on/off locos or cars.....	---	---	---	---	---	---	3	---	7	---	---	1	---	11	54	51	30	1	---	---	1	2	139	150	---
Involving windows, doors, stumtling, falling not on flying/falling objs, burns.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Striking/struck by	---	1	---	---	---	1	3	---	2	12	---	---	---	8	54	26	24	---	---	1	1	---	108	116	---
Use of tools.....	---	---	---	---	---	---	3	3	---	---	---	---	---	144	1,124	836	540	10	1	8	2	70	2,591	2,736	12
Use of shop,bldg,saint	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Handling of	---	---	---	---	---	---	---	2	---	1	---	---	---	17	78	16	43	74	29	1	124	73	438	456	1
Trails,ties,etc...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Handling of other material. Motor vehicles other than	---	1	---	---	---	1	7	16	2	11	---	1	---	26	171	31	67	---	1	---	2	10	302	330	---
Assaults to persons.....	---	---	1	---	---	1	3	3	3	---	4	2	1	7	33	28	26	2	4	2	7	2	104	111	---
Miscellaneous.....	---	1	---	---	---	1	13	10	4	1	3	1	---	9	16	14	11	---	---	---	---	1	42	52	---
TOTAL.....	1	5	2	---	---	8	76	60	95	45	13	21	---	3	13	13	6	---	---	---	1	---	35	38	---
GRAND TOTAL.....	5	7	5	---	1	18	96	73	118	47	25	41	---	37	143	459	104	---	3	---	10	42	761	799	---

TABLE 143-D NATURE OF INJURIES  
BY CLASS OF PERSON, RAPID TRANSIT CARRIERS, 1976

Class of Accident	Amputations					Total	Fractures							Total	Other Injuries							Total Injuries	Total Injury Fatalities		
	Arm or Hand	Finger	Leg or Foot	Toe	Other Part		Arm or Hand	Finger	Leg or Foot	Toe	Head or Face Bones	Torso	Other		Bruise	Sprain or Strain	Cut or Laceration	Electric Shock or Burn	Other Burns	Dislocation	Cinder, etc. in Eye			Other	
EMPLOYEES ON DUTY																									
YARD SERVICE:																									
Engineers and Motormen.....	---	---	---	---	---	---	1	---	1	---	---	---	---	2	6	7	5	6	---	---	1	---	27	29	---
Firemen and Helpers.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Conductors and Foremen.....	---	---	---	---	---	---	---	---	---	---	---	---	---	2	2	1	3	---	---	---	---	8	8	---	
Brakemen and Helpers.....	---	---	---	---	---	---	---	---	---	---	---	---	---	12	10	6	3	---	---	1	3	35	35	1	
FREIGHT SERVICE:																									
Engineers and Motormen.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Firemen and Helpers.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Conductors.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Brakemen and Flagmen.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PASSENGER SERVICE:																									
Engineers and Motormen.....	---	---	---	---	---	---	7	4	3	4	---	1	---	19	84	73	34	9	1	---	37	31	269	288	---
Firemen and Helpers.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Conductors.....	---	---	1	---	---	1	8	8	5	3	---	---	---	24	120	96	46	3	---	1	36	28	332	357	---
Baggagemen.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Brakemen and Flagmen.....	---	---	---	---	---	---	---	---	---	---	---	---	---	2	2	---	2	---	---	---	---	1	6	8	---
Hostlers.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
OTHER EMPLOYEES.....	---	6	---	---	---	6	40	57	31	38	10	13	2	191	942	1,270	474	67	41	11	152	277	3,234	3,431	1
SUMMARY																									
Total employees on duty.....	---	6	1	---	---	7	56	69	40	45	10	14	2	238	1,170	1,461	568	92	42	12	227	340	3,912	4,157	2
Employees not on duty.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Passengers.....	---	1	---	---	---	1	13	2	21	1	11	18	---	66	686	286	395	1	7	4	22	178	1,539	1,606	12
Nonpassengers.....	---	---	1	---	---	1	23	2	51	1	3	7	---	87	997	388	555	8	3	4	3	54	2,012	2,100	12
Respassengers.....	5	---	3	---	1	9	2	---	6	---	1	2	---	11	104	25	87	2	---	---	---	13	231	251	54
GRAND TOTAL.....	5	7	5	---	1	18	96	73	118	47	25	41	2	402	2,958	2,122	1,605	103	52	20	252	585	7,697	8,117	80

TABLE 144-A CASUALTIES TO EMPLOYEES ON DUTY  
CLASS I AND CLASS II RAILROADS, 1976

Nature of injury	Number of injuries	Number of lost workdays	Average days per injury
<b>INJURIES</b>			
Bruise - Contusion.....	12,309	75,111	6.10
Sprain - Strain.....	18,549	166,951	9.00
Cut or laceration - abrasion.....	10,018	33,701	3.36
Electrical burn or shock.....	261	1,546	5.92
Other burns.....	1,559	6,460	4.14
Dislocation.....	315	6,007	19.06
Fracture--arm or hand.....	722	18,840	26.09
fingers.....	1,616	12,693	7.85
leg or foot.....	1,011	40,062	39.62
toes.....	667	6,806	10.20
head or face.....	230	4,010	17.43
torso.....	476	15,688	32.95
other parts.....	165	2,326	14.09
Amputation--arm or hand.....	16	3,391	211.93
fingers.....	151	4,040	26.75
leg or foot.....	39	8,387	215.05
toes.....	16	989	61.81
other parts.....	1	365	365.00
Cinder or other foreign particle in eye.....	6,124	8,515	1.39
Hernia.....	377	12,655	33.56
Concussion.....	139	2,523	18.15
Nervous shock.....	35	337	9.62
Internal injuries.....	83	2,685	32.34
Loss of eye.....	7	632	90.28
Not otherwise classified.....	1,428	7,994	5.59
TOTAL.....	56,314	442,714	7.86
Occupational skin diseases or disorders.....	868	1,494	1.72
Dust diseases of the lungs.....	4	37	9.25
Respiratory conditions due to toxic agents.....	262	1,131	4.31
Poisoning.....	82	414	5.04
Disorders due to physical agents.....	144	308	2.13
Disorders due to repeated trauma.....	23	212	9.21
All other occupational illnesses.....	192	719	3.74
TOTAL.....	1,575	4,315	2.73
Nonfatal Injuries.....	56,314	442,714	7.86
Nonfatal Illnesses.....	1,575	4,315	2.73
Fatalities.....	100	3,911	39.11
TOTAL.....	57,989	450,940	7.77

TABLE 144-B CASUALTIES TO RAPID TRANSIT EMPLOYEES ON DUTY  
1976

Nature of injury	Number of injuries	Number of lost workdays	Average days per injury
<b>INJURIES</b>			
Bruise - Contusion.....	1,170	3,350	2.86
Sprain - Strain.....	1,461	5,390	3.68
Cut or laceration - abrasion.....	568	1,554	2.73
Electrical burn or shock.....	92	553	6.01
Other burns.....	42	192	4.57
Dislccation.....	12	101	8.41
Fracture---arm or hand.....	58	1,007	17.36
fingers.....	69	565	8.18
leg or foot.....	40	1,149	28.72
toes.....	45	332	7.37
head or face.....	10	101	10.10
torso.....	14	203	14.50
other parts.....	2	7	3.50
Amputaticn---arm or hand.....	---	---	0.00
fingers.....	6	252	42.00
leg or foot.....	1	219	219.00
toes.....	---	---	0.00
other parts.....	---	---	0.00
Cinder or other foreign particle in eye.....	227	539	2.37
Hernia.....	33	183	5.54
ConcuSSION.....	6	58	9.66
Nervous shock.....	42	128	3.04
Internal injuries.....	---	---	0.00
Loss of eye.....	---	---	0.00
Not otherwise classified.....	259	1,115	4.30
TOTAL.....	4,157	16,998	4.08
Occupational skin diseases or disorders.....	35	1,503	42.94
Dust diseases of the lungs.....	1	---	0.00
Respiratory conditions due to toxic agents.....	3	10	3.33
Pciscning.....	1	---	0.00
Disorders due to physical agents.....	5	8	1.60
Disorders due to repeated trauma.....	---	---	0.00
All other occupational illnesses.....	2	---	0.00
TOTAL.....	47	1,521	32.36
Nonfatal Injuries.....	4,157	16,998	4.08
Nonfatal Illnesses.....	47	1,521	32.36
Fatalities.....	2	---	0.00
TOTAL.....	4,206	18,519	4.40

TABLE 151 CASUALTIES IN NONTRAFFIC INCIDENTS BY OCCURRENCE, 1976

Occurrence no.	Occurrences	...Class I....		...Class I.... Switching & Terminal		...Class II...		Totals for All Carriers		Rapid Transit		TOTAL Illnesses
		Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	
<b>A. Coupling or uncoupling locos or cars</b>												
103	ADJUSTING COUPLER, CARS NOT MOVING.....	---	378	---	28	---	32	---	439	---	1	---
104	ADJUSTING COUPLER, PART OF COUPLER FELL STRIKING PERSON.....	---	99	---	8	---	8	---	115	---	---	---
105	USE OF UNCOUPLING LEVER.....	---	151	---	21	---	24	---	199	---	3	---
107	STRIKING PARTS OF BODY AGAINST EQUIPMENT.....	---	89	1	6	---	12	1	108	---	1	1
108	STUMBLED, SLIPPED, FELL OR STEPPED ON FOREIGN OBJECT OR IRREGULAR SURFACE.....	---	132	---	13	---	29	---	175	---	1	---
109	OTHER ACCIDENTS/INCIDENTS WHILE COUPLING OR UNCOUPLING CARS OR LOCOMOTIVE.....	1	250	---	15	---	28	1	297	---	4	3
	SUBTOTAL.....	1	1,099	1	91	---	133	2	1,333	---	10	4
	SUBTOTAL.....	1	1,099	1	91	---	133	2	1,333	---	10	4
<b>B. Coupling or uncoupling air or steam hoses</b>												
352	UNCOUPLING AIR HOSE, STRUCK BY HOSE BECAUSE OF SUDDEN RELEASE OF AIR....	---	160	---	13	---	13	---	166	---	---	---
353	BURNED BY HOT WATER OR STEAM FROM STEAM HOSE.....	---	24	---	---	---	5	---	29	---	---	1
354	STUMBLED, SLIPPED, FELL, OR STEPPED ON FOREIGN OBJECT OR IRREGULAR SURFACE.....	---	72	---	7	---	7	---	86	---	---	---
055	DEFECTIVE EQUIPMENT.....	---	9	---	3	---	---	---	12	---	---	---
059	OTHER ACCIDENTS/INCIDENTS WHILE COUPLING OR UNCOUPLING AIR OR STEAM HOSE.....	---	253	---	12	---	22	---	287	---	---	4
	SUBTOTAL.....	---	518	---	35	---	47	---	600	---	---	5
	SUBTOTAL.....	---	518	---	35	---	47	---	600	---	---	5
<b>C. Operating locos or rail motorcars</b>												
101	BURN, ELECTRICAL SHOCK, OR FUMES.....	---	14	---	---	---	1	---	21	---	6	18
102	STRIKING PARTS OF BODY AGAINST EQUIPMENT.....	---	51	---	11	---	17	---	84	---	5	1
103	STRUCK BY OBJECT ON LOCOMOTIVE OR RAIL MOTORCAR.....	---	14	---	3	---	6	---	25	---	3	---
104	STUMBLED, SLIPPED, FELL, OR STEPPED ON FOREIGN OBJECT OR IRREGULAR SURFACE.....	---	33	---	1	---	9	---	46	---	3	---
105	CHECKING, OILING LOCOMOTIVE, ETC.....	---	25	---	---	---	6	---	31	---	---	---
109	OTHER ACCIDENTS/INCIDENTS WHILE OPERATING LOCOMOTIVE OR RAIL MOTORCARS..	---	98	---	3	---	11	---	126	---	14	6
	SUBTOTAL.....	---	235	---	18	---	50	---	334	---	31	25
	SUBTOTAL.....	---	235	---	18	---	50	---	334	---	31	25
<b>D. Operating hand brakes</b>												
201	DEFECTIVE EQUIPMENT.....	---	68	---	2	---	2	---	72	---	---	---
202	PART SLIPPING OR ACCIDENTALLY KNOCKED OUT OR RATCHET.....	---	22	---	4	---	3	---	30	---	1	---
204	STRIKING BODY OR FALLING NOT DUE TO SUDDEN MOVEMENT OF TRAIN OR CARS....	---	105	---	4	---	11	---	120	---	---	1
205	CAUGHT BETWEEN PARTS OF EQUIPMENT OR LADING.....	---	25	---	4	---	3	---	32	---	---	---
209	OTHER ACCIDENTS/INCIDENTS WHILE OPERATING HAND BRAKES.....	---	450	---	6	---	24	---	481	---	1	1
	SUBTOTAL.....	---	670	---	20	---	43	---	735	---	2	2
	SUBTOTAL.....	---	670	---	20	---	43	---	735	---	2	2
<b>E. Operating switches</b>												
301	SLIPPED, TRIPPED OR FELL DUE TO ICE OR SNOW.....	---	60	---	4	---	4	---	71	---	3	1
302	SLIPPED, TRIPPED OR FELL NOT DUE TO ICE OR SNOW.....	---	131	---	11	---	10	---	160	---	8	1
303	PARTS OF BODY STRUCK OR CAUGHT BY EQUIPMENT.....	---	221	---	5	---	11	---	239	---	2	---
305	DEFECTIVE EQUIPMENT.....	---	173	---	12	---	7	---	192	---	---	---
309	OTHER ACCIDENTS/INCIDENTS WHILE OPERATING SWITCHES.....	---	1,136	---	54	---	69	---	1,264	---	5	4
	SUBTOTAL.....	---	1,721	---	86	---	101	---	1,926	---	18	6
	SUBTOTAL.....	---	1,721	---	86	---	101	---	1,926	---	18	6
<b>F. Persons on locos or cars coming in contact with fixed objects</b>												
401	PERSONS ON TOP OF LOCOMOTIVES OR CARS COMING IN CONTACT WITH FIXED OBJECTS.....	---	10	---	---	---	1	---	11	---	---	---
402	PERSONS ON SIDE OF LOCOMOTIVES OR CARS COMING IN CONTACT WITH FIXED OBJECTS.....	---	30	---	---	---	6	---	36	---	---	---
409	OTHER.....	---	50	---	2	---	2	---	55	---	1	---
	SUBTOTAL.....	---	90	---	2	---	9	---	102	---	1	---
	SUBTOTAL.....	---	90	---	2	---	9	---	102	---	1	---



(CONT.) TABLE 151 CASUALTIES IN HOBBYRAIL INCIDENTS BY OCCURRENCE, 1976

Occurrence no.	Occurrences	....Class I....		....Class I....		...Class II...		Totals for All Carriers		Rapid Transit		TOTAL Illnesses
		Killed	Injured	Switching Terminal	Injured	Killed	Injured	Killed	Injured	Killed	Injured	
G. Getting on or off locos or cars (CONT.)												
501	SLIPPING OR FALLING DUE TO LOSING OR MISSING HOLD OF GRABIRON, HANDHOLD, LADDER.....	---	144	---	11	---	21	---	179	---	3	---
502	SLIPPING/FALLING DUE LOSING/MISSING FOOTING ON STEP, STIRUP, FOOTBOARD, LADDER.....	---	533	---	23	---	41	---	608	---	11	---
503	STEPPING OR TRIPPING ON PARTS OF TRACK IN PLACE.....	---	77	---	1	---	10	---	89	---	1	---
504	STEPPING OR TRIPPING ON FOREIGN MATERIAL OR IRREGULAR SURFACE.....	---	628	---	26	---	40	---	700	---	6	---
505	SLIPPING ON ICE OR SNOW ON GROUND.....	---	67	---	4	---	4	---	76	---	1	---
506	SLIPPING ON ICE OR SNOW ON CARS OR LOCOMOTIVES.....	---	63	---	3	---	3	---	71	---	2	---
507	FALLING, SLIPPING, TRIPPING, OF ANKLE OR KNEE TURNED, NOT ELSEWHERE CLASSIFIED.....	---	298	---	14	---	26	---	350	---	12	---
508	SLIPPING OR FALLING WHILE BEARING OR ALIGHTING FROM PASSENGER EQUIPMENT.....	---	143	---	---	---	6	---	201	---	52	---
509	SLIPPING OR FALLING ON STATION PLATFORM.....	---	21	---	---	---	1	---	48	---	26	---
511	STRIKING/BEING STRUCK BY EQUIPMENT, STRUCTURES, MATERIAL, INCLUDING SWITCH/SIGNAL.....	---	137	---	8	---	8	---	156	---	3	---
512	JUMPING FROM EQUIPMENT.....	---	96	---	3	---	8	---	116	---	9	---
513	DEFECTIVE EQUIPMENT.....	---	31	---	3	---	2	---	39	---	3	---
514	OTHER INCIDENTS WHILE GETTING ON OR OFF CARS OR LOCOMOTIVES.....	---	367	---	14	---	37	---	439	---	21	---
	SUBTOTAL.....	2	2,605	---	110	---	207	---	3,072	---	150	---
	SUBTOTAL.....	2	2,605	---	110	---	207	---	3,072	---	150	---
H. Accidents/Incidents at highway grade crossing												
604	PEDESTRIAN RAN INTO TRAIN, OR PASSING OVER, THROUGH, OR UNDER CARS.....	1	---	---	---	---	---	1	---	---	---	---
605	MOTOR VEHICLE RAN INTO TRAIN.....	65	375	1	20	---	31	68	426	---	---	---
609	OTHER ACCIDENTS/INCIDENTS AT PUBLIC RAIL-HIGHWAY CROSSINGS.....	---	37	---	1	---	2	---	40	---	---	---
	SUBTOTAL.....	66	412	1	21	---	33	69	466	---	---	---
	SUBTOTAL.....	66	412	1	21	---	33	69	466	---	---	---
I. Struck/ran into locos or cars not at highway grade crossing												
7C1	STANDING, WALKING OR RUNNING ON OR ALONG TRACK.....	12	43	---	4	---	2	13	51	1	2	---
7C2	CROSSING TRACK AT PRIVATE CROSSING.....	1	---	---	2	---	---	1	2	---	---	---
7C3	CROSSING TRACK NOT AT CROSSING.....	12	22	---	---	---	1	15	25	3	2	---
7C4	WHILE ON PUBLIC THOROUGHFARE.....	1	4	---	---	---	---	1	6	---	2	---
7C5	CN BRIDGES OR TRESTLES.....	2	5	---	---	---	---	2	5	---	---	---
7C6	SITTING OR LYING ON TRACK OR NEAR TRACK NOT IN CLEAR.....	38	28	---	---	---	1	39	30	1	1	---
7C7	WHILE WORKING ON OR ALONG TRACK.....	2	14	---	---	---	3	2	18	---	1	---
7C9	OTHER ACCIDENTS/INCIDENTS AT OTHER THAN PUBLIC RAIL-HIGHWAY CROSSINGS...	12	33	1	---	---	2	14	37	1	2	---
	SUBTOTAL.....	80	149	1	6	---	9	87	174	6	10	---
	SUBTOTAL.....	80	149	1	6	---	9	87	174	6	10	---
J. Miscellaneous												
801	HANDLING FREIGHT, BAGGAGE, EXPRESS OR MAIL.....	---	125	---	4	---	16	---	146	---	1	---
802	STRUCK OR CAUGHT BY SHIFTED LACING.....	1	17	---	---	---	1	1	18	---	---	---
803	TRIPPING OVER, OR STRUCK BY FALLING BAGGAGE IN PASSENGER CAR.....	---	4	---	---	---	1	---	6	---	1	---
809	OTHER.....	---	22	---	1	---	11	---	35	---	1	1
	SUBTOTAL.....	1	168	---	5	---	29	1	205	---	3	1
810	CLOSING OR OPENING FREIGHT OR BAGGAGE CAR DOORS, DEFECTIVE EQUIPMENT....	1	81	---	4	---	6	1	93	---	---	---
811	CLOSING OR OPENING FREIGHT OR BAGGAGE CAR DOORS, NO DEFECTS.....	---	260	---	7	---	16	---	283	---	---	1
812	CLOSING OR OPENING COACH TRAP DOORS.....	---	40	---	---	---	8	---	57	---	1	---
813	INTERIOR DOORS.....	1	107	---	3	---	4	1	157	---	43	---
814	WINDOWS.....	---	78	---	5	---	1	---	117	---	33	---
819	OTHER ACCIDENTS/INCIDENTS INVOLVING WINDOWS OR DOORS.....	---	515	---	20	---	24	---	598	---	39	---
	SUBTOTAL.....	2	1,089	---	39	---	59	2	1,303	---	116	1
820	LOCOMOTIVE OR CAR BEING REPAIRED ON THE ROAD OR IN THE YARD.....	---	660	---	33	---	43	---	784	---	48	19
821	PERFORMING RERAILING OR OTHER CLEARING OPERATIONS.....	2	147	---	6	---	22	2	175	---	---	2
823	OTHER SERVICING OR MAINTENANCE ACCIDENTS/INCIDENTS.....	1	511	---	20	---	66	1	646	---	49	12
	SUBTOTAL.....	3	1,316	---	59	---	131	3	1,605	---	97	33
830	WHILE ON PASSENGER CAR.....	---	105	---	---	---	4	---	137	---	28	---
831	WHILE ON LOCOMOTIVE OR CAR OTHER THAN PASSENGER.....	3	420	---	12	---	22	3	467	---	13	1
832	CAUGHT BY SIDE DOORS WHILE ENTERING COACH.....	---	1	---	---	---	---	---	7	---	6	---
833	CAUGHT BY SIDE DOORS WHILE EXITING COACH.....	---	---	---	---	---	---	---	5	---	5	---
836	STRUCK BY SIDE DOORS WHILE ENTERING COACH.....	---	---	---	---	---	---	---	9	---	9	---
837	STRUCK BY SIDE DOORS WHILE EXITING COACH.....	---	---	---	---	---	---	---	11	---	11	---
	SUBTOTAL.....	3	526	---	12	---	26	3	636	---	72	1
840	ON SNOW OR ICE.....	---	989	---	32	---	37	---	1,038	---	20	---
841	ON FOREIGN MATERIAL OR IRREGULAR SURFACE.....	---	2,619	---	105	---	108	---	3,149	---	317	1
842	ON PARTS OF TRACK IN PLACE.....	---	639	---	21	---	35	---	740	---	45	2
843	ON STAIRWAYS, RAMPS, OR PLATFORMS.....	---	685	---	26	---	29	5	2,514	5	1,774	---
844	FROM STRUCTURES OR INTO DEPRESSIONS.....	4	416	---	11	---	25	5	821	5	369	---
845	BETWEEN LOCOMOTIVE OR CAR AND OTHER CARS AND STRUCTURES.....	1	95	---	2	---	6	1	107	---	4	---

(CONT.)

TABLE 151 CASUALTIES IN NONTRAIN INCIDENTS BY OCCURRENCE, 1976

Occurrence No.	Occurrences	....Class I.... Line-haul		....Class I.... Switching + Terminal		...Class II... Killed Injured		Totals for All Carriers		Rapid Transit		TOTAL Illnesses
		Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	
J. Miscellaneous (CONT.)												
849	OTHER.....	3	922	---	35	---	49	5	1,213	2	207	4
	SUBTOTAL.....	8	6,325	---	232	---	289	20	9,582	12	2,736	7
850	FOREIGN OBJECT IN EYE.....	---	3,779	---	192	---	239	---	4,338	---	128	7
851	STRUCK BY FLYING OR FALLING OBJECT.....	1	1,780	---	50	---	127	1	2,119	---	162	4
852	ELECTRICAL FLASH, SHOCK, OR BURN.....	6	245	---	3	---	12	6	369	---	109	18
853	FIRE OR EXPLOSION OF FUSES OR TORPEDOS.....	---	61	---	3	---	6	---	70	---	---	2
854	OTHER FIRE OR EXPLOSION.....	2	122	---	5	---	5	2	138	---	6	4
855	BURNED BY HOT OR CORROSIVE SUBSTANCES.....	---	500	---	25	---	18	---	575	---	32	73
859	OTHER.....	1	211	---	11	---	17	2	258	1	19	108
	SUBTOTAL.....	10	6,698	---	289	---	424	11	7,867	1	456	216
860	CROSSING OVER, UNDER, OR BETWEEN LOCOMOTIVES OR CARS.....	3	145	---	6	---	3	3	155	---	1	---
864	STRIKING OR BEING STRUCK BY EQUIPMENT, STRUCTURES, OR MATERIAL, ETC.....	6	1,367	---	32	---	44	6	1,773	---	330	---
869	OTHER.....	1	675	---	3	---	23	1	750	---	49	110
900	USE OF ESCALATORS, STAIRWAYS, ELEVATORS, ETC.....	1	91	---	3	---	4	1	362	---	264	---
901	USE OF HAND TOOLS.....	---	3,600	---	107	---	182	---	3,968	---	79	49
902	USE OF PORTABLE POWER TOOLS.....	---	535	---	12	---	41	---	605	---	17	4
903	USE OF WELDING EQUIPMENT.....	---	538	---	12	---	19	---	570	---	1	15
904	USE OF CUTTING AND GRINDING EQUIPMENT.....	---	473	---	9	---	29	---	525	---	14	3
905	USE OF SCAFFOLDS, LADDERS, ETC.....	---	167	---	2	---	13	---	208	---	26	1
906	USE OF CRANES, HOISTS, DERRICKS, FLEEDRIVERS, ETC.....	2	550	---	11	1	19	3	596	---	16	1
907	USE OF LIFT TRUCKS AND OTHER PORTABLE MATERIAL HANDLING EQUIPMENT.....	---	303	---	6	1	33	1	346	---	4	---
908	USE OF SHOP MACHINERY NOT ELSEWHERE CLASSIFIED.....	1	269	---	7	---	25	1	327	---	6	2
909	USE OF MAINTENANCE OF RAY EQUIPMENT OT ELSEWHERE CLASSIFIED.....	---	485	---	15	---	34	---	538	---	4	4
910	INSERTING-REMOVING TIES, SWITCH TIMBERS, TIE PLATES, FASTENINGS USING HAND TOOLS.....	---	2,355	---	58	---	142	---	2,572	---	17	63
911	INSERTING-REMOVING TIES, SWITCH TIMBERS, TIE PLATES, FASTENINGS USING POWER TOOLS.....	---	294	---	10	---	16	---	324	---	4	6
912	LOADING OR UNLOADING TIES, SWITCH TIMBERS, TIE PLATES AND FASTENINGS.....	---	1,297	---	22	---	92	---	1,422	---	11	163
913	LOADING AND UNLOADING OTHER MATERIALS.....	1	1,074	---	29	---	56	1	1,194	---	35	9
914	HANDLING RAIL BY USE OF POWER TOOLS.....	---	158	---	6	---	8	---	172	---	---	1
915	HANDLING RAIL BY USE OF HAND TOOLS.....	---	675	---	17	---	58	---	756	---	6	5
916	HANDLING MATERIAL BY HAND.....	---	3,106	---	72	---	209	---	4,151	---	764	46
919	OTHER ACCIDENTS/INCIDENTS INVOLVING USE OF TRK MISCARS OR OTHER RDWAY MACHINES.....	3	559	---	3	---	41	3	604	---	1	1
920	MOTOR VEHICLE ACCIDENTS/INCIDENTS.....	10	769	---	31	1	30	11	860	---	30	---
921	SERVICING AND MAINTENANCE OF HIGHWAY VEHICLES.....	---	78	---	1	---	4	---	88	---	5	1
926	STRUCK BY FLYING OBJECTS.....	1	292	---	6	---	26	1	342	---	16	2
931	INHALATION OF OR CONTACT WITH FUMES OR GASES.....	1	49	---	1	---	5	1	77	---	22	300
933	ASSAULT TO PERSONS ON TRAINS, LOCOMOTIVES OR CARS.....	1	63	---	1	---	1	1	97	---	32	---
934	ASSAULT TO PERSONS NOT ON TRAINS, LOCOMOTIVES, OR CARS.....	2	149	---	---	---	5	7	471	5	317	---
935	HORSEPLAY.....	---	37	---	1	---	---	---	48	---	10	1
989	CAUSE CODE NOT LISTED, EXPLAIN IN NARRATIVE.....	8	1,683	1	53	---	132	9	2,221	---	353	403
	SUBTOTAL.....	41	21,856	1	536	3	1,296	50	26,122	5	2,434	1,216
	SUBTOTAL.....	66	37,980	1	1,172	3	2,254	90	47,320	18	5,914	1,475
	GRAND TOTAL.....	217	45,479	4	1,561	6	2,886	251	56,062	24	6,136	1,520

BY TYPE  
C

	.....Main.....		.....Yard.....	
	Equip	Track	Equip	Track
	(\$)	(\$)	(\$)	(\$)
<b>Collisions</b>				
Freight.....	9,188,978	949,403	2,080,729	166,438
Passenger.....	507,450	42,000	16,050	---
Mixed.....	---	---	11,500	---
Work.....	336,331	28,811	28,355	70
Single Car.....	584,886	564	353,077	20,115
Cut of Cars.....	588,970	35,888	1,684,831	73,735
Yard/Switching....	146,585	21,265	3,021,520	286,097
Light Loco(s).....	905,560	4,400	1,400,183	50,696
Unknown.....	812,560	880	37,855	569
Subtotal.....	13,071,340	1,083,211	8,634,100	599,720
<b>Derailments</b>				
Freight.....	108,274,641	35,452,204	5,585,140	3,062,466
Passenger.....	7,303,156	705,220	457,095	36,134
Mixed.....	544,946	153,270	27,841	7,526
Work.....	246,775	136,478	49,025	24,306
Single Car.....	75,053	3,185	55,270	39,327
Cut of Cars.....	64,895	36,369	904,106	359,164
Yard/Switching....	644,931	354,340	5,148,767	2,795,054
Light Loco(s).....	64,990	10,305	141,519	163,633
Unknown.....	2,442,562	1,009,256	290,389	130,204
Subtotal.....	119,661,951	37,860,627	12,659,152	6,637,816
<b>Other</b>				
Freight.....	7,739,629	2,214,976	134,120	29,378
Passenger.....	3,165,942	156,049	18,073	1,824
Mixed.....	11,000	6,650	---	---
Work.....	44,192	23,200	21,686	269
Single Car.....	70,646	4,190	350,860	1,085
Cut of Cars.....	13,000	---	1,063,202	15,455
Yard/Switching....	67,888	17,719	264,577	63,116
Light Loco(s).....	110,653	32,494	126,300	9,250
Unknwn.....	140,856	58,210	1,015,350	2,170
Subtotal.....	11,364,008	2,513,488	2,996,168	122,547
<b>Total</b>				
Freight.....	125,203,248	38,616,583	7,799,989	3,258,262
Passenger.....	10,976,548	903,269	491,218	37,958
Mixed.....	555,946	159,920	39,341	7,526
Work.....	627,298	186,469	99,066	24,647
Single Car.....	730,567	7,939	759,207	60,527
Cut of Cars.....	666,865	72,257	3,652,139	448,354
Yard/Switching....	859,404	393,324	8,434,864	3,146,267
Light Loco(s).....	1,061,423	47,199	1,670,002	243,579
Unknown.....	3,395,976	1,066,346	1,343,594	132,943
Subtotal.....	144,097,299	41,457,326	24,289,420	7,360,063

TABLE 160A TRAIN ACCIDENTS  
OF TRAIN BY TYPE OF TRACK, DOLLAR DAMAGES  
CLASS I AND CLASS II RAILROADS, 1976

.....Siding.....		.....Industry.....		.....Unknwn.....		.....Total.....	
Equip (\$)	Track (\$)	Equip (\$)	Track (\$)	Equip (\$)	Track (\$)	Equip (\$)	Track (\$)
610,713	42,822	60,900	3,963	7,015	200	11,946,335	1,162,826
---	---	---	---	---	---	523,500	42,000
6,500	---	6,600	200	1,200	---	11,500	---
57,725	608	33,785	350	1,800	---	376,986	29,081
135,715	1,590	137,385	4,470	3,650	---	1,031,273	21,637
25,920	9,206	79,524	2,950	6,500	7,500	2,556,551	115,663
18,000	590	600	---	2,000	460	3,280,049	329,018
58,975	---	---	---	30,725	500	2,325,353	56,146
913,548	54,816	318,794	11,933	52,890	8,660	940,115	1,949
						22,990,672	1,758,340
2,716,746	1,061,016	1,520,314	327,770	268,650	79,104	118,365,491	39,982,560
---	---	---	---	86,800	---	7,847,051	741,354
---	---	1,800	1,000	---	---	574,589	161,796
---	---	8,740	1,800	---	---	304,540	162,586
35,800	620	7,275	2,560	---	---	173,398	45,692
172,771	31,759	152,705	30,544	5,184	767	1,295,661	458,623
119,766	33,687	430,254	156,496	28,480	4,450	6,372,196	3,344,027
4,905	7,740	12,250	950	50	6,000	223,714	208,628
87,476	34,608	5,800	1,427	344	5,767	2,626,571	1,181,282
3,137,464	1,169,430	2,139,136	522,547	389,508	96,128	137,987,213	46,286,548
89,610	14,164	17,800	2,550	13,900	3,700	7,995,059	2,264,768
---	---	---	---	---	---	3,184,015	157,673
---	---	---	---	---	---	11,000	6,650
---	---	---	---	2,500	5,000	6,378	28,469
35,259	700	40,344	33,800	6,000	---	503,111	39,775
508,200	25,543	5,731	4,800	---	---	1,590,133	45,798
33,500	2,500	20,006	15,850	5,500	---	391,471	99,185
10,574	---	---	---	---	---	245,727	41,744
7,032	---	50,050	---	14,600	2,500	1,227,888	62,880
684,175	42,907	133,931	57,000	42,500	11,200	15,220,782	2,747,142
3,417,069	1,118,002	1,599,014	334,283	269,565	83,004	138,306,885	43,410,154
---	---	---	---	86,800	---	11,554,566	941,227
---	---	1,800	1,000	---	---	597,009	168,446
6,500	---	15,340	2,000	3,700	5,000	751,904	220,136
126,784	1,928	81,404	36,710	7,600	---	1,707,782	107,104
816,686	58,892	295,621	39,814	8,834	787	5,440,345	620,104
179,186	48,393	529,784	175,236	40,460	11,950	10,043,718	3,772,230
33,479	8,330	12,950	950	2,050	6,460	2,795,804	306,518
153,463	34,608	55,850	1,427	45,669	8,767	4,994,574	1,246,111
4,735,167	1,267,153	2,591,863	591,460	484,898	115,988	176,198,667	50,792,030

**TABLE 161-A TRAIN ACCIDENTS  
DOLLAR DAMAGE BY SPEED OF TRAIN, 1976  
CLASS I AND CLASS II RAILROADS**

Speed	Total Accidents	Track Caused	Equip Damage \$	Track Damage \$	Total Damage \$
1- 10	6,522	3,209	41,980,686	16,190,131	58,170,817
11- 20	1,114	430	17,937,995	7,451,705	25,389,700
21- 30	1,070	389	35,625,299	10,138,323	45,763,622
31- 40	575	133	30,189,139	7,551,767	37,740,906
41- 50	400	43	20,886,094	4,576,602	25,462,696
51- 60	194	25	15,952,751	2,941,118	18,893,869
61- 70	45	3	2,654,311	425,735	3,080,046
71- 80	23	3	3,762,416	317,789	4,080,205
81-100	5	1	710,700	8,087	718,787
101-200	0	0	0	0	0
Unknown	300	24	6,499,276	1,190,773	7,690,049
Total	10,248	4,260	176,198,667	50,792,030	226,990,697

**TABLE 161-B RAPID TRANSIT ACCIDENTS  
DOLLAR DAMAGE BY SPEED OF TRAIN, 1976**

Speed	Total Accidents	Track Caused	Equip Damage \$	Track Damage \$	Total Damage \$
1- 10	47	8	1,275,286	129,116	1,404,402
11- 20	10	1	800,956	2,100,990	2,901,946
21- 30	6	0	453,960	8,577	462,537
31- 40	1	1	1,615	12,525	14,140
41- 50	0	0	0	0	0
51- 60	0	0	0	0	0
61- 70	0	0	0	0	0
71- 80	2	0	5,605	0	5,605
81-100	0	0	0	0	0
101-200	0	0	0	0	0
Unknown	9	0	377,479	7,370	384,849
Total	75	10	2,914,901	2,258,578	5,173,479

**TABLE 162 TRAIN ACCIDENTS WITH DOLLAR DAMAGES  
BY FRA TRACK CLASSIFICATION  
CLASS I AND CLASS II RAILROADS, 1976**

FRA Class	Total Accidents	Track Caused	Equip Damage \$	Track Damage \$	Total Damage \$
1	4,404	2,162	33,039,403	10,558,959	43,598,362
2	1,621	739	23,039,075	7,847,929	30,887,004
3	1,808	683	57,409,794	15,347,421	72,757,215
4	1,143	210	43,210,821	11,591,758	54,802,579
5	239	26	11,765,832	3,124,937	14,890,769
6	20	5	461,437	69,865	531,302
UNKNOWN	1,013	435	7,272,305	2,251,161	9,523,466
TOTAL	10,248	4,260	176,198,667	50,792,030	226,990,697

TABLE 200 A SUMMARY OF OPERATIONAL MILES AND PASSENGERS CARRIED BY CLASS I AND CLASS II RAILROADS, 1976

	Locomotive Train Miles	Motor Train Miles	Tand Switching Miles	Total Train Miles	Passenger Miles (1000)	Revenue Passengers Carried (1000)
<b>CLASS I RR (LINE-HAUL)</b>						
<b>EASTERN DISTRICT</b>						
Ann Arbor Railroad	78,163	---	10,257	88,420	---	---
Baltimore and Ohio Railroad	15,457,444	224,834	7,230,864	22,913,142	19,764	948
Bangor and Aroostook Railroad	586,356	---	165,945	752,301	2,040	25
Bessemer and Lake Erie Railroad	764,897	---	251,814	1,016,711	---	---
Boston and Maine Corporation	1,735,808	1,519,622	1,109,890	4,365,320	68,722	4,248
Canadian Pacific Railway Company	439,803	---	---	439,803	2,787	14
Central RR Company of New Jersey	206,597	98,848	177,276	482,721	---	---
Central Vermont	294,343	---	65,653	360,996	89	*
Chesapeake and Ohio Railway Company	12,866,554	---	6,815,730	19,682,284	---	---
Chicago and Eastern Illinois	1,505,249	---	430,674	1,935,923	---	---
Chicago and Illinois Midland Railroad	233,923	---	88,431	322,354	---	---
Consolidated Rail Corporation	45,587,409	14,194,307	25,127,772	84,909,488	---	---
Delaware and Hudson Railroad	2,263,697	---	522,925	2,786,622	---	---
Detroit and Toledo Shore Line Railroad	151,763	---	200,983	352,746	---	---
Detroit, Toledo and Ironton Railroad	1,113,260	---	545,620	1,658,880	---	---
Elgin, Joliet and Eastern Railway	772,134	---	2,084,334	2,856,468	---	---
Erie Lackawanna Railroad	2,715,190	452,218	1,128,610	4,296,018	---	---
Grand Trunk Western	2,844,766	---	2,500,970	5,345,736	4,642	331
Illinois Terminal Railroad	226,210	---	454,663	680,873	---	---
Louis Valley Railroad	385,758	---	176,646	562,404	---	---
Long Island Railroad	1,943,017	5,653,162	987,550	8,583,729	1,872,908	67,364
Maine Central Railroad	765,697	---	400,956	1,166,653	---	---
Attrak	27,586,327	30,544,369	---	58,130,695	4,268,231	18,619
Norfolk and Western Railway	18,730,622	---	9,931,254	28,661,876	5,138	803
Penn. Central Transportation Co.	14,356,329	3,095,010	6,185,642	23,636,981	2,521,747	104,624
Pennsylvania-Reading Seashore Lines	37,580	---	59,904	97,484	---	---
Pittsburg and Lake Erie Railroad	382,951	---	1,309,378	1,692,329	2,208	101
Reading Company	949,493	687,506	362,670	1,999,669	---	---
Richmond Fredericksburg Potomac RR	2,031,273	---	558,203	2,589,476	---	---
Western Maryland Railway	1,354,955	---	583,278	1,938,233	---	---
<b>SUBTOTAL, EASTERN DISTRICT:</b>	<b>158,369,606</b>	<b>56,503,802</b>	<b>69,468,492</b>	<b>284,341,900</b>	<b>8,768,276</b>	<b>196,677</b>
<b>SOUTHERN DISTRICT</b>						
Alabama Great Southern Railroad	1,994,948	---	603,738	2,598,686	---	---
Autotrain Corporation	765,424	---	48,992	814,416	248,032	288
Central of Georgia Railroad Company	2,208,816	---	1,146,018	3,354,834	---	---
Chas., N.O. & Texas Pacific Rwy	3,028,761	---	691,993	3,920,754	---	---
Clinchfield Railroad	906,711	---	325,373	1,232,084	2,900	25
Florida East Coast Railway	1,983,979	---	647,735	2,631,714	---	---
Georgia Railroad	350,805	---	502,335	853,140	25	*
Georgia Southern & Florida Railway	681,170	---	194,638	1,075,808	---	---
Illinois Central Gulf Railroad	17,306,349	1,489,439	7,150,272	25,946,060	281,053	14,335
Louisville and Nashville Railroad	17,704,472	---	9,998,107	27,702,579	---	---
Norfolk Southern Railway	615,011	---	176,763	791,774	---	---
Seaboard Coast Line Railroad	20,708,802	---	7,553,450	28,262,252	---	---
Southern Railway	15,451,671	---	6,039,511	21,491,182	84,632	218
<b>SUBTOTAL, SOUTHERN DISTRICT:</b>	<b>83,906,941</b>	<b>1,489,439</b>	<b>35,278,425</b>	<b>120,674,805</b>	<b>616,642</b>	<b>14,866</b>
<b>WESTERN DISTRICT</b>						
Atchison, Topeka and Santa Fe Railway	39,729,232	---	9,281,781	49,011,013	---	---
Burlington Northern	42,244,313	3,713,456	16,707,025	62,664,794	236,846	12,628
Chicago and Northwestern	12,739,501	2,476,657	6,487,992	21,704,150	537,146	25,259
Chi., Milw., St. Paul & Pacific Railroad	13,525,785	---	5,357,959	18,883,744	196,585	8,536
Chicago, Rock Island & Pacific Railroad	9,436,198	---	3,753,651	13,591,849	102,049	5,700
Colorado and Southern Railway	970,843	---	128,334	1,099,177	---	---
Denver and Rio Grande Western Railroad	4,804,394	---	1,389,568	6,193,962	19,706	251
Duluth, Missabe and Iron Range Railway	605,155	---	502,142	1,107,297	---	---
Duluth, Winnipeg and Pacific Railway	402,706	---	132,191	534,897	---	---
Fort Worth and Denver Railway	1,091,546	---	482,836	1,574,382	---	---
Kansas City Southern Railway	1,592,448	---	1,523,124	3,115,572	---	---
Missouri-Kansas-Texas Railroad	2,573,540	---	1,367,394	3,940,934	---	---
Missouri Pacific Railroad	19,617,548	---	7,744,614	27,362,162	---	---
Northwestern Pacific Railroad	328,702	---	104,254	432,956	---	---
St. Louis-San Francisco Railway	9,513,613	---	3,586,053	13,059,666	---	---
St. Louis Southwestern Railway Company	4,866,210	---	1,256,372	6,122,582	10	*
Soo Line	4,262,352	---	2,014,375	6,276,727	---	---
Southern Pacific Trans. Company	32,708,768	---	12,134,004	44,842,772	107,268	4,366
Texas and Pacific Railway	3,456,640	---	1,484,160	4,940,800	---	---
Texas Mexican Railway Company	123,627	---	120,942	244,569	---	---
Union Pacific Railroad	394,980	---	147,840	542,820	7	*
Union Pacific Railroad	30,952,551	---	7,140,108	38,092,659	---	---
Western Pacific	3,456,206	---	879,791	4,335,997	---	---
<b>SUBTOTAL, WESTERN DISTRICT:</b>	<b>239,798,858</b>	<b>6,192,113</b>	<b>83,646,530</b>	<b>329,637,501</b>	<b>1,199,617</b>	<b>56,740</b>
<b>CLASS I RR (SWITCHING AND TERMINAL)</b>						
<b>EASTERN DISTRICT</b>						
Alliquippa and Southern Railroad	---	---	580,494	580,494	---	---
Alton and Southern Railroad	---	---	1,087,181	1,087,181	---	---
Balt. and Ohio Chicago Term. Railroad	---	---	985,380	985,380	---	---
Belt Railway Company of Chicago	---	---	1,056,934	1,056,934	---	---
Chicago, Union Station	---	---	---	---	---	---
Coneaugh and Black Lick Railroad	---	---	703,224	703,224	---	---
Cuyahoga Valley Railway Company	---	---	463,308	463,308	---	---
Indiana Harbor Belt Railroad	---	---	2,686,167	2,686,167	---	---
Indianapolis Union Railway	---	---	142,464	142,464	---	---
LakeFront Dock and Railroad Terminal	---	---	72,564	72,564	---	---
Lake Terminal Railroad Company	---	---	298,815	298,815	---	---
Monongahela Connecting Railroad	---	---	312,912	312,912	---	---
Patapsco and Back Rivers Railroad	---	---	561,191	561,191	---	---
Phila., Bethlehem and New Eng. Railroad	---	---	464,944	464,944	---	---
River Terminal Railway	---	---	316,632	316,632	---	---
South Buffalo Railway	---	---	601,822	601,822	---	---
Union Railroad 'Penna.'	---	---	2,270,496	2,270,496	---	---
<b>SUBTOTAL, EASTERN DISTRICT:</b>	<b>---</b>	<b>---</b>	<b>12,806,526</b>	<b>12,806,528</b>	<b>---</b>	<b>---</b>
<b>SOUTHERN DISTRICT</b>						
Birmingham Southern Railroad	---	---	807,486	807,486	---	---
Kentucky and Indiana Terminal Railroad	---	---	533,592	533,592	---	---
<b>SUBTOTAL, SOUTHERN DISTRICT:</b>	<b>---</b>	<b>---</b>	<b>1,341,078</b>	<b>1,341,078</b>	<b>---</b>	<b>---</b>
<b>WESTERN DISTRICT</b>						
Houston Belt and Terminal Railway	---	---	1,188,781	1,188,781	---	---
Kansas City Terminal Railway	---	---	151,188	151,188	---	---
Ogden Union Railway and Depot	---	---	390,449	390,449	---	---
Portland Terminal RR 'Oregon'	---	---	265,604	265,604	---	---

(CONT.)

TABLE 200 A SUMMARY OF OPERATIONAL MILES AND PASSENGERS CARRIED BY CLASS I AND CLASS II RAILROADS, 1976

	Locomotive Train Miles	Motor Train Miles	Yard Switching Miles	Total Train Miles	Passenger Miles (1000)	Revenue Passengers Carried (1000)
WESTERN DISTRICT (CONT.)						
Port Terminal RR Assoc.	---	---	689,124	689,124	---	---
Terminal Railroad Association of St. Louis	---	---	2,224,020	2,224,020	---	---
Tx Pac-Mc Pac Terminal Railroad of New Orleans	---	---	501,456	501,456	---	---
SUBTOTAL, WESTERN DISTRICT:	---	---	5,410,622	5,410,622	---	---
RECAPITULATION ALL DISTRICTS						
Class I RR (Line-haul)	482,075,407	64,185,354	188,393,447	734,654,208	10,584,535	268,283
Class I RR (Switching and Terminal)	---	---	19,558,228	19,558,228	---	---
Class II Railroads	9,335,993	1,803,368	9,411,778	20,551,139	---	---
TOTAL.....	491,411,400	65,988,722	217,363,453	774,763,575	10,584,535	268,283

NOTE: Passenger miles and revenue passengers carried obtained from Interstate Commerce Commission

\* Denotes less than 500

TABLE 200 B SUMMARY OF PASSENGER CAR MILES AND PASSENGERS CARRIED, RAPID TRANSIT CARRIERS, 1976

Rapid Transit System	Passenger Car Miles	Revenue Passengers Carried
Bay Area Rapid Transit BART	22,136,116	34,023,973
Chicago Transit Authority	49,672,741	119,713,661
Cleveland Transit System	3,805,032	11,757,202
Massachusetts Bay Transportation Authority	11,015,996	66,686,984
New York City Transit Authority MTA	273,261,872	1,011,064,829
Port Authority Transit - Trans Hudson	10,484,400	40,662,481
Port Authority Transit Lindenwold Line	4,078,068	11,393,237
Staten Island Rapid Transit Operating Authority	1,323,774	2,826,548
Southeastern Pennsylvania Transportation Authority	15,880,000	63,153,000
Washington Metropolitan Area Transit Authority	748,886	3,960,744
TOTAL - All Rapid Transit Carriers	392,406,885	1,365,242,659

	.....Collisions.....					Damages (\$)	.....	
	Human Factors	Equip	Track	Other	Total		Human Factors	Equip
CLASS I RR (LINE-HAUL)								
EASTERN DISTRICT								
ANN ARBOR RAILROAD	---	---	---	---	---	---	---	1
BALTIMORE AND OHIO RAILROAD	23	1	6	5	35	231,690	39	67
BANGOR AND ABOOSTOOK RAILROAD	---	1	---	---	1	2,261	1	4
BESSEMER AND LAKE ERIE	1	1	---	---	2	10,075	1	4
BOSTON AND MAINE CORPORATION	2	---	1	1	4	20,825	4	4
CANADIAN PACIFIC RAILWAY COMPANY	1	---	---	---	1	14,546	3	1
CENTRAL RAILROAD COMPANY OF NEW JERSEY	---	1	---	---	1	2,075	2	---
CENTRAL VERMONT	---	---	---	---	---	---	---	1
CHESAPEAKE AND OHIO RAILWAY COMPANY	36	1	4	3	44	1,606,552	19	96
CHICAGO AND EASTERN ILLINOIS	---	---	---	---	---	---	---	4
CHICAGO AND ILLINOIS MIDLAND RAILWAY	1	---	---	---	1	3,500	---	---
CONSOLIDATED RAIL CORP.	109	7	9	19	144	3,037,959	117	172
DELAWARE AND HUDSON RAILROAD	---	---	---	---	---	---	---	6
DETROIT AND TOLEDO SHORE LINE RAILROAD	---	---	---	---	---	---	---	2
DETROIT, TOLEDO AND IRONTON RAILROAD	3	---	1	---	4	30,433	8	8
ELGIN, JOLIET AND EASTERN RAILWAY	14	1	---	2	17	279,905	6	4
ERIE LACKAWANNA RAILROAD	1	---	---	2	3	2,017,853	8	13
GRAND TRUNK WESTERN	11	---	---	---	11	95,640	28	18
ILLINOIS TERMINAL RAILROAD	5	1	1	---	7	130,677	2	3
LEHIGH VALLEY RAILROAD	---	---	---	---	---	---	---	2
LCMS ISLAND RAILROAD	4	---	---	---	4	151,755	5	3
MAINE CENTRAL RAILROAD	2	---	1	---	3	7,901	3	---
MTA&N	7	1	---	3	11	66,970	9	10
NOBSCOK AND WESTERN RAILWAY	17	2	5	3	27	358,495	23	54
PENN CENTRAL TRANSPORTATION COMPANY	28	4	1	6	39	1,509,823	23	63
PENNSYLVANIA-READING SEASHORE LINES	---	---	---	---	---	---	---	---
PITTSBURGH AND LAKE ERIE RAILROAD	---	1	---	---	1	3,216	16	9
READING COMPANY	2	---	---	---	2	6,725	2	1
RICHMOND, FREDRICKSBURG AND POTOMAC RR	8	---	---	1	9	66,987	1	7
WESTERN MARYLAND RAILWAY	3	2	---	---	5	13,850	4	11
SUBTOTAL, EASTERN DISTRICT	276	24	29	45	376	5,709,713	340	565
SOUTHERN DISTRICT								
ALABAMA GREAT SOUTHERN RAILROAD	1	---	---	---	1	2,100	2	3
AUTOTRAIN CORPORATION	---	---	---	---	---	---	---	2
CENTRAL OF GEORGIA RAILROAD COMPANY	6	1	---	---	9	41,200	10	9
CINCINNATI, NEW ORLEANS & TEXAS PACIFIC	2	---	---	---	2	299,900	3	5
CLIMCHILL RAILROAD	4	1	---	---	5	84,729	2	---
FLORIDA EAST COAST RAILWAY	---	---	---	1	1	5,245	1	---
GEORGIA RAILROAD	3	---	---	1	4	18,599	2	---
GEORGIA SOUTHERN & FLORIDA RAILWAY	3	---	---	---	3	8,250	4	2
ILLINOIS CENTRAL GULF RAILROAD	49	4	15	16	84	1,555,677	44	59
LOUISVILLE AND NASHVILLE RAILROAD	46	7	1	7	61	840,538	98	141
NOBSCOK SOUTHERN RAILWAY	---	---	---	---	---	---	---	1
SEABOARD COAST LINE RAILROAD	50	7	6	5	68	642,043	76	86
SOUTHERN RAILWAY	37	4	8	2	51	1,013,375	36	41
SUBTOTAL, SOUTHERN DISTRICT	263	24	30	32	289	4,515,856	281	351
WESTERN DISTRICT								
ATCHISON, TOPEKA AND SANTA FE RAILWAY	46	6	1	4	59	623,622	33	56
BUPLINGTON NORTHERN	110	6	2	8	126	1,635,409	102	168
CHICAGO AND NORTHWESTERN	75	4	12	11	102	1,951,575	51	100
CHICAGO, MILWAUKEE, ST. PAUL AND PACIFIC	19	1	4	8	32	655,569	80	81
CHICAGO, ROCK ISLAND AND PACIFIC RAILROAD	19	2	9	2	32	155,777	30	81
CLEVELAND AND SOUTHERN RAILWAY	5	---	---	---	5	13,422	3	7
DEWEE AND RIO GRANDE WESTERN RAILROAD	4	---	---	1	5	93,284	4	7
DULUTH, MISSISSAUGA AND IROQUOIS RAILWAY	---	---	---	---	---	---	---	3
DULUTH, WINNIPEG AND PACIFIC RAILWAY	---	---	---	---	---	---	---	2
FORT WORTH AND DENVER RAILWAY	5	1	---	---	6	53,500	2	7
KANSAS CITY SOUTHERN RAILWAY	6	1	2	---	9	112,233	14	30
MISSOURI-KANSAS-TEXAS RAILROAD	11	1	---	---	12	52,754	20	19
MISSOURI PACIFIC RAILROAD	19	1	1	3	24	655,430	23	46
NORTHWESTERN PACIFIC RAILROAD	1	---	---	---	1	3,500	1	2
ST. LOUIS-SAN FRANCISCO RAILWAY	30	---	4	7	41	579,394	23	35
ST. LOUIS SOUTHWESTERN RAILWAY COMPANY	10	---	---	---	10	70,901	20	16
SCO LINE RAILROAD	19	---	1	2	22	128,268	17	23
SOUTHERN PACIFIC TRANSPORTATION COMPANY	54	6	5	7	72	648,590	88	145
TEXAS AND PACIFIC RAILWAY	4	---	4	---	8	44,100	7	8
TEXAS MEXICAN RAILWAY COMPANY	1	---	---	---	1	83,000	---	---
UTAH AND WESTERN RAILROAD	2	---	---	1	3	85,850	2	---
UNION PACIFIC RAILROAD	60	4	3	6	73	1,269,434	49	110
WESTERN PACIFIC	9	---	---	---	9	309,580	6	23
SUBTOTAL, WESTERN DISTRICT	511	33	48	60	652	9,205,592	578	968



201-A TRAIN ACCIDENTS BY ACCIDENT TYPE AND BY CAUSE  
CLASS I AND II RAILROADS, 1976

Derailments				Other				Total					
Defects				Defects				Total					
Track	Other	Total	Damages (\$)	Human Factors	Equip	Track	Other	Total	Damages (\$)	Accidents	Acc/Mil Train Miles	Dags (\$)	Dag/Mi Train Miles (\$10,000)
---	1	2	10,474	---	---	---	---	---	---	2	22.6	10,474	20.9
156	42	304	6,831,972	1	1	---	11	13	89,680	352	15.4	7,153,342	31.2
9	2	19	445,516	---	---	---	---	---	---	20	26.6	449,177	55.6
7	3	15	158,239	---	---	---	---	---	---	20	19.7	178,669	17.7
10	4	22	898,010	---	---	1	12	18	87,656	44	10.1	1,006,485	23.1
2	---	6	90,010	---	---	---	---	---	---	7	15.9	104,556	23.8
6	---	8	38,600	---	---	---	1	1	6,000	10	20.7	48,675	10.1
4	2	7	76,874	---	---	---	---	---	---	7	19.4	76,874	21.3
96	30	241	5,875,428	2	1	---	15	18	113,450	303	15.4	7,595,430	38.6
7	1	16	151,941	1	---	---	---	---	---	19	9.6	173,638	9.0
6	---	6	390,950	---	---	---	---	---	---	7	21.7	394,450	122.4
479	68	836	11,211,760	3	31	3	65	102	1,853,848	1,082	12.7	16,203,587	19.1
27	8	57	1,334,722	1	---	---	---	---	---	59	21.2	1,346,522	48.3
9	1	15	666,616	---	---	---	2	2	11,800	15	42.6	666,616	185.2
10	2	28	953,090	---	---	---	---	---	---	34	20.5	993,766	59.9
17	15	42	175,699	---	1	---	---	---	---	60	21.0	462,986	16.2
27	6	54	1,190,452	1	2	---	3	6	41,429	63	14.7	3,249,734	75.6
19	7	72	1,740,391	---	---	---	2	3	37,178	86	16.1	1,873,209	35.0
20	3	28	479,373	---	---	1	---	---	---	36	52.9	612,947	50.0
14	2	22	636,906	1	---	---	---	---	---	25	44.5	645,206	114.7
3	2	11	124,428	4	3	---	5	12	1,209,126	27	3.1	1,485,309	17.3
15	7	30	570,632	1	1	---	---	---	---	35	30.0	588,660	50.5
30	2	51	4,724,322	2	17	2	30	51	2,296,874	113	1.9	7,088,166	12.2
73	12	162	4,831,569	2	3	1	26	32	328,124	221	7.7	5,558,208	19.4
172	11	283	3,551,819	3	14	2	16	35	207,557	343	14.5	5,269,239	22.3
1	---	1	4,108	---	---	---	---	---	---	1	7.6	4,108	3.1
23	8	56	582,120	2	---	---	1	3	27,406	60	35.5	612,742	36.2
6	2	13	107,580	---	---	---	3	3	30,638	16	9.0	145,143	7.3
6	2	16	422,199	---	1	---	---	1	8,000	26	10.0	437,166	15.2
25	8	48	572,650	---	---	---	---	---	---	53	27.3	566,700	30.3
1,281	251	2,457	48,956,630	24	82	10	199	315	6,423,701	3,148	11.1	65,090,044	22.9
1	1	7	179,730	---	---	---	6	6	313,200	14	5.4	495,030	19.0
---	1	3	1,058,900	---	2	---	1	3	11,944	6	7.4	1,070,844	131.6
36	2	57	402,110	1	1	---	2	4	20,500	70	20.9	463,810	13.8
1	---	9	321,550	---	---	---	4	4	24,600	15	3.8	646,050	16.5
11	10	26	1,800,912	---	---	---	---	---	---	31	25.2	1,885,641	153.0
4	4	9	276,666	---	---	---	4	4	22,800	14	5.3	304,713	11.6
4	3	9	53,044	2	---	---	5	7	70,584	20	23.4	142,207	16.7
11	---	17	322,408	---	---	---	---	---	---	22	20.4	335,858	31.2
321	42	466	12,063,669	---	9	4	38	51	666,111	601	23.2	14,289,657	55.1
317	40	596	10,972,499	5	7	3	28	43	790,929	700	25.3	12,603,566	45.5
10	---	11	82,750	---	---	---	3	4	37,600	15	18.9	120,550	15.2
185	33	360	7,990,049	5	14	2	30	51	647,432	499	17.7	9,279,524	32.8
140	2	221	2,339,240	---	4	---	21	25	322,360	297	13.8	3,674,955	17.1
1,041	138	1,811	37,663,529	13	39	9	143	204	2,933,460	2,304	19.1	45,312,645	37.5
55	8	152	3,375,046	4	7	---	17	28	2,181,181	239	4.9	6,179,649	12.6
269	41	580	16,959,966	7	17	---	53	77	841,384	783	12.5	19,436,739	31.0
381	106	636	11,617,554	3	6	---	29	36	536,785	778	35.8	14,105,876	65.0
252	41	456	10,837,070	2	6	---	51	59	231,610	525	27.8	11,724,649	62.1
332	15	456	6,913,020	1	4	1	12	19	383,613	509	37.4	7,452,810	54.8
12	3	25	653,632	---	---	---	1	1	20,700	31	28.2	667,754	62.6
6	2	19	1,216,823	1	2	---	3	6	41,599	30	4.8	1,351,706	21.8
6	5	16	141,652	1	---	---	3	4	20,563	22	19.9	162,215	14.6
4	1	7	241,795	---	---	---	1	1	---	6	15.0	241,795	45.2
17	1	27	580,510	---	---	---	4	4	11,565	37	24.1	645,575	82.1
55	---	99	2,533,149	3	2	---	2	7	529,690	115	36.9	3,175,072	101.9
48	3	90	1,580,298	1	2	---	6	9	160,585	111	28.2	1,793,637	45.5
53	6	130	4,526,586	1	1	---	11	9	268,350	165	6.0	5,392,778	15.7
2	1	6	150,944	---	---	---	---	---	---	7	16.2	154,444	35.7
73	12	143	3,727,999	7	7	2	25	41	392,334	225	17.2	4,699,727	36.0
20	5	61	1,388,715	---	5	---	5	9	57,118	80	13.1	1,516,734	24.8
40	9	89	2,461,056	3	---	2	4	10	122,752	121	19.3	2,712,076	43.2
78	23	334	9,654,699	6	22	---	58	66	1,209,769	472	16.5	11,512,948	25.7
7	6	26	925,524	---	---	---	---	---	---	36	7.3	973,624	15.7
---	1	1	38,124	---	---	---	---	---	---	2	8.2	101,124	41.3
10	---	12	244,230	---	---	---	2	2	5,115	17	31.3	335,195	61.8
41	16	216	10,249,946	1	7	---	21	29	1,109,858	318	8.3	12,629,238	33.2
7	2	38	555,395	---	6	---	3	10	86,914	57	13.1	951,889	22.0
1,770	309	3,625	90,580,095	42	94	5	270	411	8,151,365	4,688	14.2	107,937,056	32.7

EASTERN DISTRICT																							
ALIQUIPP AND SOUTHERN RAILROAD	4	---	---	---	4	14,222	2	2	2	---	6	27,650	---	---	---	---	---	10	17.2	41,842	7.4		
ALTON AND SOUTHERN RAILROAD	3	---	---	---	3	21,800	12	4	10	2	26	211,759	8	2	2	1	13	65,500	44	40.5	299,059	27.5	
BALTIMORE AND OHIO CHICAGO TERMINAL RR	2	---	---	---	2	12,200	3	---	4	1	8	31,309	---	---	---	---	3	966	50	10.1	43,509	11.4	
BELT RAILWAY COMPANY OF CHICAGO	13	---	2	3	18	93,168	6	5	14	4	29	216,805	---	---	---	---	1	4,372	2	2.8	110,939	25.4	
COVENAUGH AND BLACK LICK RAILROAD	1	---	---	---	1	8,982	---	---	---	---	---	---	---	---	---	---	---	1	52,178	134	49.9	13,354	1.9
INDIANA HARBOR BELT RAILROAD	13	---	---	2	15	77,356	23	13	71	4	111	446,256	2	2	---	4	8	52,178	134	49.9	575,630	21.4	
INDIANAPOLIS UNION RAILWAY	---	---	---	---	---	---	---	---	1	---	1	10,234	---	---	---	---	---	---	1	7.0	10,234	7.2	
LAKESHORE DOCK AND RAILROAD TERMINAL	---	---	---	---	---	---	1	---	---	---	1	20,750	---	---	---	---	---	---	1	13.8	20,750	28.6	
PENNSYLVANIA CONNECTING RAILROAD	1	---	---	---	1	21,616	---	---	1	---	1	2,896	---	---	---	1	1	2,150	3	9.6	26,662	8.5	
SPRINGFIELD AND JACK RIVERS RAILROAD	4	---	---	---	5	17,526	1	2	5	---	8	28,998	---	---	---	---	---	---	3	23.2	46,524	8.3	
PHILADELPHIA, BETHLEHEM AND NEW ENGLAND	2	---	---	---	2	6,885	1	---	---	---	---	23,567	---	---	---	1	1	3,325	4	8.6	35,777	7.7	
RIVER TERMINAL RAILWAY	2	---	---	---	2	17,853	1	---	---	---	---	7,700	---	---	---	---	---	---	3	9.5	25,553	8.1	
SOUTH BUFFALO RAILWAY	4	---	---	---	4	23,910	3	4	8	1	16	50,476	---	---	---	---	---	---	20	24.9	74,386	9.3	
UNION RAILROAD "PENNA."	1	---	---	---	1	5,312	3	2	16	---	21	75,857	---	---	---	---	---	---	22	9.7	81,209	3.6	
SUBTOTAL, EASTERN DISTRICT																							
	50	---	3	5	58	322,630	56	32	132	12	232	1,154,337	10	5	2	10	27	128,491	317	24.8	1,605,656	12.5	
SOUTHERN DISTRICT																							
BIRMINGHAM SOUTHERN RAILROAD	---	---	---	---	---	---	---	---	3	---	3	10,000	---	---	---	---	---	---	3	3.7	10,000	1.2	
KENTUCKY AND INDIANA TERMINAL RAILROAD	1	---	---	2	3	7,500	---	2	1	---	3	24,364	---	---	---	---	---	---	6	11.2	31,864	6.0	
SUBTOTAL, SOUTHERN DISTRICT																							
	1	---	---	2	3	7,500	---	2	4	---	6	34,364	---	---	---	---	---	---	9	6.7	41,864	3.1	
WESTERN DISTRICT																							
HOUSTON BELT AND TERMINAL RAILWAY	11	---	1	1	13	116,940	2	7	---	3	12	189,221	1	---	---	1	2	13,117	27	22.7	279,266	23.5	
KANSAS CITY TERMINAL RAILWAY	---	---	---	---	---	---	12	2	---	1	15	124,507	---	---	---	---	---	---	15	99.2	124,507	62.4	
PORTLAND TERMINAL (OREGON)	2	1	---	---	3	12,557	1	2	3	---	6	16,852	---	---	---	---	---	---	9	33.9	31,359	11.8	
PORT TERMINAL RAILROAD ASSOCIATION	5	---	---	2	7	61,508	5	2	8	---	15	298,699	---	---	---	---	---	---	22	21.9	360,207	52.3	
TERMINAL RAILROAD ASSOCIATION OF ST. LOUIS	7	---	---	---	7	79,443	10	3	17	---	30	143,505	---	---	---	---	---	---	37	16.6	222,948	10.0	
TY FAC-AC PAC. TERMINAL RR OF NEW ORLEANS	---	---	---	---	---	---	---	1	---	---	1	4,550	---	---	---	---	---	---	1	2.0	4,550	0.9	
SUBTOTAL, WESTERN DISTRICT																							
	25	1	1	3	30	270,448	30	17	28	4	79	739,324	1	---	---	1	2	13,117	111	20.5	1,022,669	18.9	
CLASS II RR																							
ALL DISTRICTS, CLASS II																							
ALL CLASS II RAILROADS	32	4	3	9	48	717,073	37	51	196	26	312	4,945,482	6	6	---	31	45	317,786	405	19.7	5,980,341	29.1	
SUBTOTAL, ALL DISTRICTS, CLASS II																							
	32	4	3	9	48	717,073	37	51	196	26	312	4,945,482	6	6	---	31	45	317,786	405	19.7	5,980,341	29.1	
RECAPITULATION																							
ALL DISTRICTS																							
Class I RR (Line-haul)	933	78	98	130	1,239	23,431,161	1,125	1,761	3,804	656	7,366	177,400,254	77	203	23	570	873	17,508,530	9,476	12.9	218,339,945	29.7	
Class I RR (Switching and Terminal)	74	1	4	10	89	600,778	73	46	199	14	264	1,328,025	11	5	2	10	28	141,608	401	20.5	2,670,411	13.7	
Class II Railroads	29	4	2	7	42	717,073	31	49	178	26	284	4,945,482	7	5	---	31	43	317,786	369	16.0	5,980,341	29.1	
TOTAL FOR CLASS I and CLASS II	1,036	83	104	147	1,370	24,749,012	1,229	1,876	4,131	696	7,534	184,273,761	95	213	25	611	944	17,567,524	10,248	13.2	226,990,657	29.3	

TABLE 201-B TRAIN ACCIDENTS BY ACCIDENT TYPE AND BY CAUSE  
RAPID TRANSIT CARRIERS, 1976

	Collisions.....					Derailments.....					Other.....					Total.....					
	Human Factors	Equip	Track	Other	Total	Human Factors	Equip	Track	Other	Total	Human Factors	Equip	Track	Other	Total	Damages (\$)	Accidents	Acc/mil miles	Damages (\$)	Day/Mil Miles (\$1,000)	
BAY AREA RAPID TRANSIT (BART).....	3	1	---	---	4	21,029	1	1	---	2	86,573	---	2	---	3	5	125,855	11	0.50	233,457	10.54
CHICAGO TRANSIT AUTHORITY.....	5	1	---	10	16	331,011	1	---	1	2	13,960	2	3	---	7	108,184	25	0.50	453,175	89.12	
CLEVELAND TRANSIT SYSTEM.....	3	---	---	---	3	145,048	1	---	---	2	309,011	---	---	---	---	---	5	1.31	454,059	119.33	
MASS. BAY TRANSPORTATION AUTHORITY.....	1	---	1	---	2	213,000	---	2	1	4	14,249	---	5	---	5	72,000	11	10.83	299,249	27.16	
NEW YORK CITY TRANS. AUTHORITY (MTA).....	2	---	---	---	2	693,276	3	1	4	13	395,523	---	---	1	---	2,095,674	16	0.06	3,184,673	11.65	
PORT AUTHORITY TRANS-HUDSON (PATCO).....	6	---	1	---	7	477,650	---	---	---	---	---	---	---	---	7	7,590	7	0.67	485,240	46.28	
LINDENWOLD LN.....	---	---	---	1	1	25,000	---	---	---	---	---	---	---	---	---	---	1	0.26	25,000	06.13	
STATEN ISLAND RAPID TRANSIT OPER. AUTH.....	---	---	---	---	---	---	---	---	1	---	16,280	---	---	---	---	---	1	0.76	16,280	12.29	
SOUTHEASTERN PENN. TRANS. AUTHORITY.....	1	---	---	---	1	9,646	2	---	---	2	12,700	---	---	---	---	---	3	0.19	22,346	01.41	
RECAPITULATION																					
ALL CARRIERS																					
TOTAL FOR RAPID TRANSIT.....	20	2	2	7	31	1,915,660	8	4	7	26	846,316	2	10	1	5	16	2,409,503	75	0.19	5,173,479	13.15

Note: Accidents involving more than one carrier are counted against each carrier involved in the detailed, but in the recapitulation are counted as single accidents.

TABLE 202-A CASUALTIES IN TRAIN ACCIDENTS  
CLASS I AND CLASS II RAILROADS, 1976

	..Collisions..		..Derailments..		...Other.....		Killed Injured	Totals..	Miles (000)	Kld/Mil Miles	Inj/Mil Miles
	Killed	Injured	Killed	Injured	Killed	Injured					
CLASS I RR (LINE-HAUL)											
EASTERN DISTRICT											
BALTIMORE AND OHIO RAILROAD.....	2	1	---	10	1	---	3	11	22,913	0.13	0.48
BESSEMER AND LAKE ERIE.....	---	1	---	---	---	1	---	2	1,017	---	1.97
BOSTON AND MAINE CORPORATION.....	---	---	---	3	---	---	---	3	4,365	---	0.69
CHESAPEAKE AND OHIO RAILWAY COMPANY.....	---	8	---	19	4	12	4	39	19,684	0.20	1.98
CHICAGO AND EASTERN ILLINOIS.....	---	---	---	---	3	---	3	---	1,935	---	1.55
CONSOLIDATED RAIL CORP.....	4	20	---	23	6	26	10	69	84,909	0.12	0.81
DELAWARE AND HUDSON RAILROAD.....	---	---	---	2	---	---	---	2	2,787	---	0.72
DETROIT, TOLEDO AND IRONTON RAILROAD.....	---	---	---	1	---	---	---	1	1,659	---	0.60
ELGIN, JOLIET AND EASTERN RAILWAY.....	---	7	---	3	---	---	---	10	2,856	---	3.50
ERIE LACKAWANNA RAILROAD.....	---	---	---	---	---	66	---	66	4,296	---	15.83
GRAND TRUNK WESTERN.....	---	---	---	---	---	1	---	1	5,346	---	0.19
LEHIGH VALLEY RAILROAD.....	---	---	---	1	---	---	---	1	562	---	1.78
LONG ISLAND RAILROAD.....	---	3	---	---	1	4	1	7	8,584	0.12	0.82
MAINE CENTRAL RAILROAD.....	---	---	---	---	---	---	---	3	1,167	---	2.57
METRAK.....	---	---	---	155	11	29	11	184	56,131	0.19	3.17
NORFOLK AND WESTERN RAILWAY.....	1	9	---	12	13	18	14	39	28,662	0.49	1.36
PENN CENTRAL TRANSPORTATION COMPANY.....	4	7	---	8	6	6	10	21	23,637	0.42	0.89
READING COMPANY.....	---	---	---	1	---	---	---	1	2,000	---	0.50
WESTERN MARYLAND RAILWAY.....	---	---	---	2	---	---	---	2	1,936	---	1.03
SUBTOTAL, EASTERN DISTRICT.....	11	56	---	243	45	165	56	464	276,446	0.20	1.68
SOUTHERN DISTRICT											
ALABAMA GREAT SOUTHERN RAILROAD.....	---	---	---	---	2	4	2	4	2,599	0.77	1.54
AUTOGRAIN CORPORATION.....	---	---	---	15	---	---	---	15	814	---	18.43
CENTRAL OF GEORGIA RAILROAD COMPANY.....	---	---	---	1	---	2	---	3	3,355	---	0.89
CINCINNATI, NEW ORLEANS & TEXAS PACIFIC.....	---	1	---	---	---	2	---	3	3,921	---	0.77
FLORIDA EAST COAST RAILWAY.....	---	---	---	---	---	2	---	2	2,632	---	0.76
GEORGIA RAILROAD.....	---	---	---	1	---	5	1	5	653	1.17	5.86
ILLINOIS CENTRAL GULF RAILWAY.....	---	53	1	123	10	29	11	205	25,946	0.42	7.90
LOUISVILLE AND NASHVILLE RAILROAD.....	---	8	---	15	3	7	3	30	27,703	0.11	1.08
NORFOLK SOUTHERN RAILWAY.....	---	---	1	---	1	1	2	1	792	2.53	1.26
SEABOARD COAST LINE RAILROAD.....	---	6	1	10	6	13	7	29	28,262	0.25	1.03
SOUTHERN RAILWAY.....	---	7	1	37	1	4	2	48	21,491	0.09	2.23
SUBTOTAL, SOUTHERN DISTRICT.....	---	75	4	201	24	69	28	345	118,366	0.24	2.91
WESTERN DISTRICT											
ATCHISON, TOPEKA AND SANTA FE RAILWAY.....	---	4	---	5	12	10	12	19	49,011	0.24	0.39
BURLINGTON NORTHERN.....	---	9	5	39	11	20	16	68	62,665	0.26	1.09
CHICAGO AND NORTHWESTERN.....	---	22	1	10	2	11	3	43	21,706	0.14	1.98
CHICAGO, MILWAUKEE, ST. PAUL AND PACIFIC.....	---	9	---	9	2	6	2	24	18,884	0.11	1.27
CHICAGO, ROCK ISLAND AND PACIFIC RAILROAD.....	---	---	---	6	2	8	2	14	13,592	0.15	1.03
COLORADO AND SOUTHERN RAILWAY.....	---	---	---	2	1	---	1	2	1,099	0.91	1.82
DENVER AND RIO GRANDE WESTERN RAILROAD.....	---	---	---	2	---	2	---	4	6,194	---	0.65
DULUTH, MISSABE AND IRON RANGE RAILWAY.....	---	---	---	1	---	2	---	3	1,107	---	2.71
DULUTH, WINNIPEG AND PACIFIC RAILWAY.....	---	---	---	5	---	---	---	6	535	---	11.21
FORT WORTH AND DENVER RAILWAY.....	---	1	---	---	---	3	---	4	1,534	---	2.61
KANSAS CITY SOUTHERN RAILWAY.....	---	---	---	---	---	1	---	1	3,116	---	0.32
MISSOURI-KANSAS-TEXAS RAILROAD.....	---	3	---	4	1	1	1	8	3,941	0.25	2.03
MISSOURI PACIFIC RAILROAD.....	1	9	---	11	---	15	1	35	27,362	0.04	1.28
NORTHWESTERN PACIFIC RAILROAD.....	---	3	---	---	---	---	---	3	833	---	6.93
ST. LOUIS-SAN FRANCISCO RAILWAY.....	---	4	---	3	4	9	4	16	13,060	0.31	1.23
ST. LOUIS SOUTHWESTERN RAILWAY COMPANY.....	---	1	---	---	---	1	---	2	6,123	---	0.33
SCCLINE RAILROAD.....	---	---	1	9	---	---	1	10	6,277	0.16	1.59
SOUTHERN PACIFIC TRANSPORTATION COMPANY.....	2	14	4	21	7	43	13	78	44,843	0.29	1.74
TEXAS AND PACIFIC RAILWAY.....	---	---	---	31	---	---	---	31	4,941	---	6.27
TOLEDO, PEORIA AND WESTERN RAILROAD.....	---	---	---	---	1	1	1	1	543	---	1.84
UNION PACIFIC RAILROAD.....	5	28	---	12	6	11	11	47	38,093	0.29	1.23
WESTERN PACIFIC.....	---	3	---	1	---	2	---	6	4,336	---	1.38
SUBTOTAL, WESTERN DISTRICT.....	8	106	11	171	49	148	68	425	329,395	0.21	1.29
CLASS I RR (SWITCHING AND TERMINAL)											
EASTERN DISTRICT											
ALQUIPPA AND SOUTHERN RAILROAD.....	---	2	---	---	---	---	---	2	580	---	3.45
ALTON AND SOUTHERN RAILROAD.....	---	---	---	5	---	2	---	7	1,087	---	6.44
INDIANA HARBOR BELT RAILROAD.....	---	---	---	---	1	1	1	1	2,686	0.37	0.37
MONONGAHELA CONNECTING RAILROAD.....	---	6	---	---	---	---	---	6	313	---	19.17
PATAPSCO AND BACK RIVERS RAILROAD.....	---	1	---	---	---	---	---	1	561	---	1.78
SOUTH BUFFALO RAILWAY.....	---	---	---	1	---	---	---	1	802	---	1.25
SUBTOTAL, EASTERN DISTRICT.....	---	9	---	6	1	3	1	18	6,029	0.17	2.99
SOUTHERN DISTRICT											
KENTUCKY AND INDIANA TERMINAL RAILROAD.....	---	1	---	---	---	---	---	1	534	---	1.87
SUBTOTAL, SOUTHERN DISTRICT.....	---	1	---	---	---	---	---	1	534	---	1.87
WESTERN DISTRICT											
HOUSTON BELT AND TERMINAL RAILWAY.....	---	---	---	---	---	2	---	2	1,189	---	1.68
PORTLAND TERMINAL (OREGON).....	---	1	---	---	---	---	---	1	266	---	3.76
PORT TERMINAL RAILROAD ASSOCIATION.....	---	2	---	---	---	---	---	2	689	---	2.90
SUBTOTAL, WESTERN DISTRICT.....	---	3	---	---	---	2	---	5	2,144	---	2.33
CLASS II RR											
ALL DISTRICTS, CLASS II											
ALL CLASS II RAILROADS.....	---	6	---	5	5	13	5	24	20,551	0.24	1.17
SUBTOTAL, ALL DISTRICTS, CLASS II.....	---	6	---	5	5	13	5	24	20,551	0.24	1.17
RECAPITULATION ALL DISTRICTS											
Class I RR (Line-Haul).....	19	237	15	615	118	382	152	1,234	734,654	0.21	1.68
Class I RR (Switching and Terminal).....	---	13	---	6	1	5	1	24	19,558	0.05	1.23
Class II.....	---	---	---	---	---	---	---	---	---	---	---
TOTAL FOR CLASS I AND CLASS II.....	19	256	15	626	124	400	158	1,282	20,551	0.24	1.17

TABLE 202-B CASUALTIES IN RAPID TRANSIT ACCIDENTS IN 1976

	..Collisions..		..Derailments..		....Other.....		.....Totals.....		Psgr Car Miles (000)	Kld/Mil Car Miles	Inj/Mil Car Miles
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured			
Bay Area Rapid Transit BART.....	---	---	---	---	---	---	---	---	22,136	---	---
Chicago Transit Authority.....	1	458	---	---	---	---	1	458	49,673	0.02	9.22
Cleveland Transit System.....	---	4	---	1	---	---	---	5	3,805	---	1.31
Massachusetts Bay Transportation Authority.....	---	1	---	1	---	1	---	3	11,016	---	0.27
New York City Transit Authority MTA.....	---	2	---	2	---	---	---	4	273,262	---	0.01
Port Authority Transit - Trans Hudson.....	---	2	---	---	---	---	---	2	10,484	---	0.19
Port Authority Transit Lindenwood Line...	---	---	---	---	---	---	---	---	4,078	---	---
Staten Island Rapid Transit Operating Authority.....	---	---	---	---	---	---	---	---	1,324	---	---
Southeastern Pennsylvania Transportation Authority.....	---	---	---	---	---	---	---	---	15,880	---	---
Washington Metropolitan Area Transit Authority.....	---	---	---	---	---	---	---	---	749	---	---
TOTAL - All Rapid Transit Carriers...	1	467	---	4	---	1	1	472	392,407	0.01	1.20



TABLE 203 TRAIN INCIDENTS AND CASUALTIES BY CONTRIBUTING OCCURRENCES  
CLASS I AND CLASS II RAILROADS, 1976

	Coupling		Operating Locomotives		Operating Hand Brakes		Operating Switches		Contact With Fixed Structure		Get On Off		Acc At Pub Xings		Struck Or Run Over		...Other...		.....TOTAL.....					
	ACC	CAS	ACC	CAS	ACC	CAS	ACC	CAS	ACC	CAS	ACC	CAS	ACC	CAS	ACC	CAS	ACC	CAS	Acc	Man Hrs	Cas	Man Hrs		
CLASS I RR (SWITCHING AND TERMINAL)																								
EASTERN DISTRICT																								
Allegany and Southern Railroad.....	1	1	---	---	---	---	---	---	---	---	4	4	---	---	---	---	3	3	6	6.02	6	6.02		
Altco and Southern Railroad.....	1	1	1	1	---	---	---	---	---	---	7	7	7	9	---	---	3	3	19	17.35	21	19.18		
Balt. and Ohio Chicago Term. Railroad.....	---	---	2	2	---	---	---	---	1	1	1	1	5	6	1	1	7	7	17	9.59	18	10.15		
Belt Railway Company of Chicago.....	2	2	1	1	---	---	---	---	---	---	5	5	3	8	---	---	4	4	15	6.03	20	10.71		
Chicago, Union Station.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Conasaugh and Black Lick Railroad.....	---	---	---	---	---	---	---	---	---	---	2	2	---	---	---	---	1	1	3	3.13	3	3.13		
Cuyahoga Valley Railway Company.....	---	---	---	---	---	---	---	---	---	---	5	5	---	---	---	---	1	1	6	10.51	6	10.51		
Indiana Harbor Belt Railroad.....	2	2	---	---	1	1	1	1	---	---	---	---	2	2	---	---	7	7	13	3.46	13	3.46		
Indianapolis Union Railway.....	---	---	---	---	---	---	---	---	---	---	1	1	1	1	---	---	3	3	5	16.23	5	16.23		
Lakefront Dock and Railroad Terminal...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Lake Terminal Railroad Company.....	---	---	---	---	---	---	---	---	---	---	4	4	---	---	---	---	---	---	4	5.86	4	5.86		
Monongahela Connecting Railroad.....	---	---	---	---	1	1	---	---	---	---	3	3	---	---	---	---	4	4	4	5.60	4	5.60		
Patapsco and Back Rivers Railroad.....	---	---	---	---	---	---	---	---	2	2	5	5	---	---	---	---	4	4	11	10.11	11	10.11		
Phila., Bethlehem and New Eng. Railroad.....	---	---	---	---	---	---	---	---	---	---	2	2	---	---	---	---	---	---	2	2.22	2	2.22		
River Terminal Railway.....	1	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	2	2.78	2	2.78		
South Buffalo Railway.....	---	---	---	---	---	---	---	---	---	---	1	1	---	---	---	---	---	---	1	.79	1	.79		
Union Railroad (Penna.).....	---	---	---	---	1	1	---	---	---	---	6	4	---	---	---	---	6	6	13	3.65	13	3.65		
SUBTOTAL, EASTERN DISTRICT:..	7	7	4	4	3	3	1	1	3	3	44	44	18	26	1	1	42	42	123	5.92	131	6.31		
SOUTHERN DISTRICT																								
Birmingham Southern Railroad.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Kentucky and Indiana Terminal Railroad.....	---	---	---	---	---	---	---	---	---	---	1	1	---	---	---	---	1	1	2	2.13	2	2.13		
SUBTOTAL, SOUTHERN DISTRICT:..	---	---	---	---	---	---	---	---	---	---	1	1	---	---	---	---	1	1	2	1.30	2	1.30		
WESTERN DISTRICT																								
Houston Belt and Terminal Railway.....	2	2	1	1	1	1	---	---	---	---	7	7	7	7	2	2	5	5	25	11.35	25	11.35		
Kansas City Terminal Railway.....	---	---	---	---	---	---	---	---	---	---	---	---	2	3	---	---	---	---	1	1	3	4.87	4	6.49
Ogden Union Railway and Depot.....	---	---	1	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	2.81	1	2.81		
Portland Terminal RR (Oregon).....	1	1	---	---	---	---	---	---	1	1	2	2	1	2	---	---	2	2	7	15.12	8	17.28		
Port Terminal RR Assoc.....	1	1	2	2	---	---	---	---	---	---	10	10	4	4	---	---	---	---	17	17.33	17	17.33		
Terminal Railroad Association of St. Louis.....	6	8	2	2	2	2	3	3	---	---	6	6	---	---	---	---	3	3	24	8.37	24	8.37		
Texas Pacific-Missouri Pacific Terminal Rail.....	---	---	---	---	---	---	---	---	---	---	3	3	1	1	---	---	1	1	5	5.39	5	5.39		
SUBTOTAL, WESTERN DISTRICT:..	12	12	6	6	3	3	3	3	1	1	28	28	15	17	2	2	12	12	82	9.74	84	9.98		
CLASS II RAILROADS																								
SUBTOTAL, CLASS II:.....	25	25	16	16	16	17	5	5	10	10	89	92	119	155	12	12	125	126	417	11.62	458	12.76		
RECAPITULATION ALL DISTRICTS																								
Class I RR (Line-Haul).....	441	446	432	444	346	349	73	74	188	195	2,257	2,264	3,480	4,907	574	595	3,953	4,031	11,744	12.00	13,325	13.61		
Class I RR (Switching and Terminal)....	19	19	10	10	6	6	4	4	4	4	73	73	33	43	3	3	55	55	207	6.74	217	7.06		
Class II Railroads.....	25	25	16	16	16	17	5	5	10	10	89	92	119	155	12	12	125	126	417	11.62	458	12.76		
TOTAL FOR ALL RAILROADS.....	485	490	458	470	368	372	82	83	202	209	2,419	2,449	3,632	5,105	589	610	4,133	4,212	12,368	11.83	14,000	13.39		

\* Included in Southern Railway System

TABLE 204 CASUALTIES IN TRAIN INCIDENTS BY CONTRIBUTING OCCURRENCES  
CLASS I AND CLASS II RAILROADS, 1976

	Coupling		Operating Locomotives		Operating Hand Brakes		Operating Switches		Contact With Fixed Structure		Get On Off		Acc At Pub Kings		Struck Or Run Over		Other		TOTAL							
	Kill	Inj	Kill	Inj	Kill	Inj	Kill	Inj	Kill	Inj	Kill	Inj	Kill	Inj	Kill	Inj	Kill	Inj	Kill	Man	Hrs	Inj	Man	Hrs		
CLASS I RR (LINE-HAUL)																										
EASTERN DISTRICT																										
Ann Arbor Railroad.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	1	5.99	---	---	
Baltimore and Ohio Railroad.....	---	4	---	13	---	8	---	---	---	7	---	110	22	123	10	18	---	---	127	32	1,02	410	13,03	---	---	
Bangor and Aroostook Railroad.....	---	---	---	---	---	---	---	---	---	---	---	4	---	---	---	---	---	---	5	---	---	9	6.50	---	---	
Bessemer and Lake Erie Railroad.....	---	---	---	3	---	1	---	---	---	---	---	9	1	3	---	---	---	---	3	1	.33	19	6.34	---	---	
Boston and Maine Corporation.....	---	---	---	---	---	1	---	---	---	---	---	---	---	3	---	2	---	---	4	---	---	10	1.64	---	---	
Canadian Pacific Railway Company.....	---	---	---	---	---	---	---	---	---	---	---	2	---	5	---	---	---	---	1	---	---	3	5.04	---	---	
Central RR Company of New Jersey.....	---	---	---	---	---	---	---	---	---	---	---	---	---	3	---	2	---	---	---	---	---	12	13.11	---	---	
Central Vermont.....	---	---	---	---	---	---	---	---	---	---	---	---	---	5	---	---	---	---	---	---	---	3	3.65	---	---	
Chesapeake and Ohio Railway Company.....	---	5	---	16	---	18	---	3	---	13	---	78	19	147	12	23	---	---	79	31	.87	382	10.69	---	---	
Chicago and Eastern Illinois.....	---	1	---	---	---	---	---	1	---	---	---	8	6	25	1	---	---	---	14	7	4.26	49	29.81	---	---	
Chicago & Ill. Midland.....	---	---	---	1	---	---	---	---	---	3	---	6	---	---	---	---	---	---	4	---	---	14	18.77	---	---	
Consolidated Rail Corp.....	1	27	---	114	---	16	---	3	---	2	3	11	4	154	74	288	50	51	2	501	133	.91	1,165	7.99		
Delaware and Hudson Railroad.....	---	---	---	---	---	---	---	---	---	---	---	---	---	6	---	2	---	---	---	---	1	.24	8	1.93	---	---
Detroit and Toledo Shore Line Railroad.....	---	---	---	---	---	4	---	---	---	---	---	3	---	1	---	---	---	---	4	---	---	12	22.77	---	---	
Detroit, Toledo and Ironton Railroad.....	---	2	---	---	---	1	---	---	---	---	---	7	---	---	---	---	---	---	---	---	---	15	5.39	---	---	
Elgin, Joliet and Eastern Railway.....	---	---	---	3	---	---	---	---	---	1	---	10	---	8	---	---	---	---	21	---	---	43	7.64	---	---	
Erie Lackawanna Railroad.....	---	---	---	---	---	---	---	---	---	1	---	2	5	10	---	---	---	---	5	5	1.03	19	3.90	---	---	
Grand Trunk Western.....	---	1	---	10	---	6	---	---	---	4	1	43	12	61	1	5	1	35	15	1.66	165	18.21	---	---		
Illinois Terminal Railroad.....	---	---	---	---	---	1	---	---	---	2	---	5	1	2	---	---	---	---	1	2	2	1.60	12	9.61	---	---
Lehigh Valley Railroad.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	105	---	---		
Long Island Railroad.....	---	2	---	---	---	3	---	---	---	10	---	4	---	2	6	---	---	---	80	4	.16	105	8.58	---	---	
Maine Central Railroad.....	---	---	---	---	---	2	---	1	---	4	---	1	---	1	---	---	---	---	6	---	---	25	10.06	---	---	
Metrolink.....	---	---	---	---	---	2	---	---	---	1	1	15	50	67	13	8	---	---	282	64	2.29	376	13.43	---	---	
Norfolk and Western Railway.....	46	---	---	18	---	19	---	2	---	6	1	125	55	304	10	21	---	---	246	66	1.38	787	16.50	---	---	
Penn Central Transportation Co.....	6	---	---	20	---	6	---	1	---	7	---	50	30	116	20	14	2	111	52	1.35	331	8.62	---	---		
Pennsylvania-Reading Seashore Lines.....	1	1	---	---	---	---	---	---	---	3	---	7	---	4	---	---	---	1	1	4.46	5	22.32	---	---		
Pittsburg and Lake Erie Railroad.....	---	---	---	3	---	2	---	---	---	3	---	7	---	4	---	---	---	---	18	---	---	33	7.49	---	---	
Reading Company.....	---	1	---	---	---	---	---	---	---	1	---	13	---	10	---	---	---	---	11	---	---	36	13.92	---	---	
Richmond Fredericksburg Potomac RR.....	---	3	---	6	---	---	---	---	---	3	---	3	---	---	---	---	---	---	19	---	---	32	16.20	---	---	
Western Maryland Railway.....	---	1	---	1	---	2	---	---	---	1	---	12	4	8	---	8	---	---	24	4	1.54	57	21.89	---	---	
SUBTOTAL, EASTERN DISTRICT.....	2	102	---	208	---	91	---	12	2	65	7	667	280	1,197	119	162	6	1,614	416	1.04	4,138	10.39	---	---		
SOUTHERN DISTRICT																										
Alabama Great Southern Railroad.....	---	---	---	---	---	---	---	---	---	---	---	7	9	46	2	---	---	---	12	11	*	65	*	---	---	
Autotrain Corporation.....	---	1	---	---	---	---	---	---	---	---	---	4	---	2	---	---	---	---	85	---	---	92	70.50	---	---	
Central of Georgia Railroad Company.....	---	1	---	---	---	---	---	---	---	---	---	17	7	43	---	3	---	---	15	7	*	79	*	---	---	
Cinn. N.O. & Texas Pacific Rwy.....	---	1	---	---	---	---	---	---	---	---	---	9	6	7	1	---	---	---	14	7	*	31	*	---	---	
Clinchfield Railroad.....	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	9	5.46	---	---
Florida East Coast Railway.....	---	---	---	---	---	---	---	---	---	1	---	3	10	34	2	---	---	---	1	12	5.67	39	18.44	---	---	
Georgia Railroad.....	---	4	---	1	---	4	---	1	---	2	---	10	---	18	1	---	---	---	13	1	1.31	53	69.65	---	---	
Georgia Southern & Florida Railway.....	---	---	---	1	---	---	---	---	---	---	---	9	1	9	---	---	---	---	4	---	*	23	*	---	---	
Illinois Central Gulf Railroad.....	---	---	---	7	1	14	---	3	---	15	---	106	44	230	11	8	---	---	105	56	1.51	515	13.87	---	---	
Louisville and Nashville Railroad.....	---	10	---	5	---	11	---	3	---	17	---	100	52	96	4	3	3	100	59	1.77	345	10.37	---	---		
Norfolk Southern Railway.....	---	2	---	---	---	---	---	---	---	---	---	5	2	25	---	1	---	---	1	2	*	34	*	---	---	
Seaboard Coast Line Railroad.....	---	75	---	4	---	30	---	2	---	2	---	137	64	163	---	6	---	---	245	64	1.70	664	17.59	---	---	
Southern Railway.....	---	2	---	2	---	---	---	---	---	---	---	103	37	245	27	16	1	92	65	2.35	464	17.61	---	---		
SUBTOTAL, SOUTHERN DISTRICT.....	---	125	---	20	1	59	---	9	---	37	---	513	232	922	48	37	4	691	285	1.86	2,413	15.72	---	---		
WESTERN DISTRICT																										
Atchison, Topeka and Santa Fe Railway..	1	24	---	11	---	22	---	1	---	8	1	120	41	147	10	9	---	---	149	53	.91	491	8.44	---	---	
Burlington Northern.....	---	31	---	24	---	36	---	5	---	26	1	153	77	227	13	16	2	228	93	1.09	746	8.74	---	---		
Chicago and Northwestern.....	---	4	---	1	---	3	---	2	---	6	---	42	22	109	6	11	2	90	32	1.12	266	9.35	---	---		
Chi., Milw., St. Paul & Pacific Railroad.....	1	10	---	---	---	9	---	---	---	2	---	97	22	117	7	7	---	---	103	30	1.26	345	14.46	---	---	
Chicago, Rock Island & Pacific Railroad.....	---	7	---	7	---	7	---	---	---	2	---	25	17	85	6	6	1	46	24	1.46	185	11.22	---	---		
Colorado and Southern Railway.....	---	3	---	---	---	1	---	---	---	---	---	12	2	9	---	1	---	---	2	2	1.94	26	27.11	---	---	
Denver and Rio Grande Western Railroad.....	---	1	---	3	---	---	---	---	---	---	---	7	---	18	1	---	---	---	16	1	.13	47	6.32	---	---	
Duluth, Missabe and Iron Range Railway.....	---	1	---	---	---	1	---	---	---	---	---	5	---	4	---	---	---	---	12	---	---	23	7.23	---	---	
Duluth, Winnipeg and Pacific Railway.....	---	---	---	---	---	2	---	---	---	---	---	2	---	6	---	---	---	---	2	1	1.14	14	15.93	---	---	
Fort Worth and Denver Railway.....	---	3	---	---	---	---	---	---	---	---	---	9	2	22	1	---	---	---	14	3	1.54	48	24.70	---	---	
Kansas City Southern Railway.....	---	---	---	3	---	5	---	---	---	---	1	33	4	26	1	1	---	---	24	6	.97	94	15.19	---	---	
Missouri-Kansas-Texas Railroad.....	---	---	---	2	---	4	---	---	---	2	1	12	3	39	---	---	---	---	30	4	.78	89	17.28	---	---	
Missouri Pacific Railroad.....	---	7	---	18	---	7	---	4	---	6	---	61	60	381	8	7	---	---	115	68	2.13	606	18.95	---	---	
Northwestern Pacific Railroad.....	---	---	---	3	---	1	---	---	---	---	---	2	1	7	---	---	---	---	5	1	1.27	20	25.45	---	---	
St. Louis-San Francisco Railway.....	---	29	---	6	---	19	---	14	---	5	---	30	41	126	3	2	---	---	113	44	2.69	346	22.56	---	---	
St. Louis Southwest Railway Company.....	---	8	---	13	---	3	---	4	---	---	---	21	16	19	1	---	---	---	52	17	2.93	120	15.77	---	---	
Soo Line.....	---	4	---	2	---	5	---	1	---	3	---	30	10	93	---	2	---	---	38	10	1.15	178	20.43	---	---	
Southern Pacific Trans. Company.....	---	53	---	101	---	33	---	16	---	8	4	190	64													

TABLE 204 CASUALTIES IN TRAIN INCIDENTS BY CONTRIBUTING OCCURRENCES  
CLASS I AND CLASS II RAILROADS, 1976

	Coupling		Operating Locomotives		Operating Hand Brakes		Operating Switches		Contact With Fixed Structure		Get ...On Off...		Acc At Pub Kings		Struck Or Run Over		...Other...		.....TOTAL.....				
	Kill	Inj	Kill	Inj	Kill	Inj	Kill	Inj	Kill	Inj	Kill	Inj	Kill	Inj	Kill	Inj	Kill	Inj	Kill	Man Hrs	Inj	Cas/Mil	Man Hrs
EASTERN DISTRICT																							
Alaquippa and Southern Railroad.....	---	1	---	---	---	---	---	---	---	---	---	4	---	---	---	---	---	3	---	---	8	6.02	
Alton and Southern Railroad.....	---	1	---	1	---	---	---	---	---	---	7	---	9	---	---	---	---	3	---	---	21	19.18	
Balt. and Ohio Chicago Term. Railroad..	---	---	---	2	---	---	---	---	---	1	---	1	2	4	1	---	---	7	3	1.69	15	8.46	
Belt Railway Company of Chicago.....	---	2	---	1	---	---	---	---	---	---	---	5	---	8	---	---	---	4	---	---	20	10.71	
Chicago, Union Station.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Coneaugh and Black Lick Railroad.....	---	---	---	---	---	---	---	---	---	---	---	2	---	---	---	---	---	1	---	---	3	3.13	
Cuyahoga Valley Railway Company.....	---	---	---	---	---	---	---	---	---	---	---	5	---	---	---	---	---	1	---	---	6	10.51	
Indiana Harbor Belt Railroad.....	---	2	---	---	1	---	1	---	---	---	---	---	1	1	---	---	---	7	1	.27	12	3.21	
Indianapolis Union Railway.....	---	---	---	---	---	---	---	---	---	---	---	1	---	1	---	---	---	3	---	---	5	16.23	
Lakefront Dock and Railroad Terminal..	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Lake Terminal Railroad Company.....	---	---	---	---	---	---	---	---	---	---	---	4	---	---	---	---	---	---	---	---	4	5.86	
Monongahela Connecting Railroad.....	---	---	---	---	---	---	---	---	---	---	---	3	---	---	---	---	---	---	---	---	4	5.60	
Patapsco and Back Rivers Railroad.....	---	---	---	---	---	---	---	---	2	---	---	5	---	---	---	---	---	4	---	---	11	10.11	
Phila., Bethlehem and New Eng. Railroad.....	---	---	---	---	---	---	---	---	---	---	---	2	---	---	---	---	---	---	---	---	2	2.22	
River Terminal Railway.....	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	2	2.78	
South Buffalo Railway.....	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	1	.79	
Union Railroad (Penna.).....	---	---	---	---	1	---	---	---	---	---	---	4	---	---	---	---	---	8	---	---	13	1.85	
SUBTOTAL, EASTERN DISTRICT:..	---	7	---	4	---	3	---	1	---	3	---	44	3	23	1	---	---	42	4	.19	127	6.12	
SOUTHERN DISTRICT																							
Birmingham Southern Railroad.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Kentucky and Indiana Terminal Railroad.	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	1	---	---	2	2.13	
SUBTOTAL, SOUTHERN DISTRICT:..	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	1	---	---	2	1.30	
WESTERN DISTRICT																							
Houston Belt and Terminal Railway.....	---	2	---	1	---	1	---	---	---	---	---	7	---	7	---	2	---	5	---	---	25	11.35	
Kansas City Terminal Railway.....	---	---	---	---	---	---	---	---	---	---	---	---	1	2	---	---	---	1	1	1.62	3	4.87	
Ogden Union Railway and Depot.....	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	2.61	
Portland Terminal RR (Oregon).....	---	1	---	---	---	---	---	---	1	---	---	2	---	2	---	---	---	2	---	---	8	17.28	
Port Terminal RR Assoc.....	---	---	---	2	---	---	---	---	---	---	---	10	---	4	---	---	---	---	---	---	17	17.33	
Terminal Railroad Association of St. Louis.....	---	8	---	2	---	2	---	3	---	---	---	6	---	---	---	---	---	3	---	---	24	8.37	
Texas Pacific-Missouri Pacific Terminal Rail.....	---	---	---	---	---	---	---	---	---	---	---	3	---	1	---	---	---	1	---	---	5	5.39	
SUBTOTAL, WESTERN DISTRICT:..	---	12	---	6	---	3	---	3	---	1	---	26	1	16	---	2	---	12	1	.12	83	9.86	
CLASS II RAILROADS																							
SUBTOTAL, CLASS II:.....	---	25	---	16	---	17	---	5	---	10	---	92	13	142	4	8	1	125	18	.50	440	12.26	
RECAPITULATION ALL DISTRICTS																							
Class I RR (Line-Haul).....	4	442	---	444	1	348	---	74	2	193	16	2,266	961	3,946	272	323	20	4,011	1,276	1.30	12,049	12.31	
Class I RR (Switching and Terminal)....	---	19	---	10	---	6	---	4	---	4	---	73	4	39	1	2	---	55	5	.16	212	6.90	
Class II Railroads.....	---	25	---	16	---	17	---	5	---	10	---	92	13	142	4	8	1	125	18	.50	440	12.26	
TOTAL FOR ALL RAILROADS.....	4	486	---	470	1	371	---	83	2	207	16	2,433	978	4,127	277	333	21	4,191	1,299	1.24	12,701	12.15	

Included in Southern Railway System





(CONT.)

TABLE 205-A CASUALTIES IN NONTRAIN INCIDENTS,  
CLASS I AND CLASS II RAILROADS, 1976

	Coupling		Operating Locomotives		Operating Hand Brakes		Operating Switches		Contact with Fixed Structures		Getting on or off car or loco		Acc At Pub Kings		Struck or Run Over		Other		Totals						
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Man Hours	Injured	Man Hours	Illness	Per Mil Man Hours	
TERMINAL)																									
EASTERN DISTRICT																									
Aliquippa and Southern Railroad...	---	---	---	---	---	---	---	6	---	1	---	3	---	---	---	1	---	71	---	---	82	82.25	1	1.00	
Alton and Southern Railroad.....	---	5	---	---	---	1	---	4	---	---	---	5	---	1	---	---	---	33	---	---	49	44.75	---	---	
Bait. and Ohio Chicago Term. Railroad.....	---	---	---	2	---	1	---	2	---	---	---	7	---	---	---	---	---	56	---	---	73	41.17	---	---	
Belt Railway Company of Chicago...	---	3	---	---	---	---	---	2	---	---	---	5	---	3	---	2	---	83	---	---	96	52.49	---	---	
Chicago Union Station.....	---	---	---	---	---	---	---	3	---	---	---	5	---	---	---	---	---	23	---	---	23	33.24	---	---	
Coneasaugh and Black Lick Railroad.....	---	4	---	---	---	3	---	3	---	---	---	2	---	---	---	---	---	5	---	---	13	22.77	---	---	
Cuyahoga Valley Railway Company...	1	1	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	5	1	1.75	43	44.84	---	---	
Indiana Harbor Belt Railroad.....	---	7	---	---	---	1	---	7	---	---	---	11	---	1	---	1	---	147	---	---	175	46.80	1	0.27	
Indianapolis Union Railway.....	---	7	---	---	---	---	---	4	---	---	---	1	---	---	---	1	---	28	1	3.25	40	129.87	---	---	
Lakefront Dock and Railroad Terminal.....	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	2	---	---	3	150.00	---	---	
Lake Terminal Railroad Company.....	---	2	---	3	---	---	---	---	---	---	---	4	---	---	---	---	---	15	---	---	27	39.53	---	---	
Monongahela Connecting Railroad...	---	2	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	32	---	---	37	51.82	1	1.40	
Patapsco and Back Rivers Railroad. Phila., Bethlehem and New Eng. Railroad.....	---	5	---	---	---	---	---	4	---	1	---	5	---	---	---	---	---	43	---	---	58	53.31	---	---	
River Terminal Railway.....	---	---	---	---	---	1	---	1	---	---	---	2	---	---	---	---	---	23	---	---	27	29.93	---	---	
South Buffalo Railway.....	---	3	---	---	---	---	---	2	---	---	---	5	---	---	---	---	---	16	---	---	26	36.16	1	1.39	
Union Railroad (Penna.).....	---	8	---	1	---	---	---	9	---	---	---	7	---	---	---	---	---	72	---	---	97	76.86	---	---	
SUBTOTAL, EASTERN DISTRICT.....	1	61	---	10	---	15	---	60	---	2	---	67	---	5	1	5	---	761	2	0.10	1,006	48.45	9	0.43	
SOUTHERN DISTRICT																									
Birmingham Southern Railroad.....	---	2	---	---	---	---	---	2	---	---	---	5	---	2	---	---	---	45	---	---	56	93.33	3	5.00	
Kentucky and Indiana Terminal Railroad.....	---	6	---	---	---	---	---	3	---	---	---	4	---	---	---	---	---	40	---	---	53	56.38	2	2.13	
SUBTOTAL, SOUTHERN DISTRICT.....	---	8	---	---	---	---	---	5	---	---	---	9	---	2	---	---	---	85	---	---	109	70.76	5	3.25	
WESTERN DISTRICT																									
Houston Belt and Terminal Railway. Kansas City Terminal Railway.....	---	18	---	1	---	2	---	3	---	---	---	11	---	---	---	1	1	65	1	0.45	101	45.85	4	1.62	
Ogden Union Railway and Depot.....	---	1	---	---	---	---	---	2	---	---	---	2	---	---	---	---	---	28	---	---	31	50.32	---	---	
Portland Terminal RR (Oregon).....	---	5	---	---	---	1	---	2	---	---	---	1	---	---	---	---	---	16	---	---	25	54.00	1	2.16	
Port Terminal RR Assoc.....	---	10	---	6	---	1	---	5	---	---	---	3	1	7	---	---	---	81	1	1.02	113	115.19	28	28.54	
Terminal Railroad Association of St. Louis.....	---	10	---	1	---	1	---	5	---	---	---	9	---	7	---	---	---	80	---	---	113	39.39	---	---	
Texas Pacific-Missouri Pacific Terminal Rail.....	---	12	---	---	---	---	---	3	---	---	---	8	---	---	---	---	---	33	---	---	56	60.34	---	---	
SUBTOTAL, WESTERN DISTRICT.....	---	57	---	8	---	5	---	21	---	---	---	34	1	14	---	1	1	306	2	0.24	446	52.99	33	3.92	
CLASS II RAILROADS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SUBTOTAL, CLASS II.....	---	180	---	50	---	43	---	101	---	9	1	207	2	33	---	9	3	2,254	6	0.17	2,886	80.41	44	1.23	
RECAPITULATION ALL DISTRICTS																									
Class I RR (Line-Haul).....	1	1,617	---	235	---	670	---	1,721	---	90	2	2,605	66	412	80	149	68	37,980	217	0.22	45,479	46.45	1,387	1.42	
Class I RR (Switching and Terminal).....	1	126	---	18	---	20	---	86	---	2	---	110	1	21	1	6	1	1,172	4	0.13	1,561	50.61	47	1.53	
Class II Railroads.....	---	180	---	50	---	43	---	101	---	9	1	207	2	33	---	9	3	2,254	6	0.17	2,886	80.41	44	1.23	
TCAL FOR ALL RAILROADS.....	2	1,923	---	303	---	733	---	1,908	---	101	3	2,922	69	466	81	164	72	41,406	227	0.22	49,926	47.75	1,478	1.41	

Included in Southern Railway System



(CONT.)

TABLE 206-A FATALITIES IN TRAIN ACCIDENTS, TRAIN INCIDENTS, AND NONTRAIN INCIDENTS BY CLASS I AND CLASS II RAILROADS IN 1976

Table with columns for Train Accidents, Train Incidents, Nontrain Incidents, and Total. Rows list various railroad lines and include subtotals for Western, Eastern, Southern, and Western Districts, followed by a recapitulation of all districts.



(CONT.)

TABLE 206-C INJURIES IN TRAIN ACCIDENTS, TR  
BY CLASS I AND CLASS II

	Train Accidents.....					Train Incidents.....					
	Empl on Duty	Empl Not on Duty	Pass- engers	Non Tres- passers	Tren- passers	Total	Empl on Duty	Empl Not on Duty	Pass- engers	Non Tres- passers	Total
Atchison, Topeka and Santa Fe Railway.....	17	---	---	2	---	19	323	4	---	---	145
Burlington Northern.....	42	---	6	19	---	67	478	3	1	---	225
Chicago and Northwestern.....	17	---	---	26	---	43	133	---	8	---	102
Chi., Milw., St. Paul & Pacific Railroad....	20	---	1	3	---	24	216	2	3	---	112
Chicago, Rock Island & Pacific Railroad....	9	---	---	3	2	14	89	---	3	---	72
Colorado and Southern Railway.....	2	---	---	---	---	2	18	---	---	---	9
Denver and Rio Grande Western Railroad....	4	---	---	---	---	4	30	---	---	---	17
Duluth, Missabe and Iron Range Railway....	2	---	---	1	---	3	18	---	---	---	4
Duluth, Winnipeg and Pacific Railway.....	5	---	---	---	1	6	8	---	---	---	6
Fort Worth and Denver Railway.....	1	---	---	3	---	4	25	---	---	---	22
Kansas City Southern Railway.....	---	---	---	1	---	1	64	---	---	---	26
Missouri-Kansas-Texas Railroad.....	7	---	---	1	---	8	51	---	---	---	38
Missouri Pacific Railroad.....	19	---	11	5	---	35	215	---	---	---	378
Northwestern Pacific Railroad.....	3	---	---	---	---	3	12	---	---	---	6
St. Louis-San Francisco Railway.....	9	---	---	7	---	16	214	---	---	---	124
St. Louis Southwestern Railway Company....	1	---	---	---	---	2	101	---	---	---	18
Soo Line.....	10	---	---	---	---	10	84	1	---	---	86
Southern Pacific Trans. Company.....	43	---	18	12	3	76	779	2	8	---	194
Texas and Pacific Railway.....	1	---	30	---	---	31	33	---	---	---	15
Texas Mexican Railway Company.....	---	---	---	---	---	---	---	---	---	---	---
Toledo, Peoria and Western Railway.....	---	---	---	1	---	1	6	---	---	---	3
Union Pacific Railroad.....	38	1	---	8	---	47	493	---	2	---	122
Western Pacific.....	6	---	---	---	---	6	56	---	---	---	14
SUBTOTAL, WESTERN DISTRICT:.....	256	1	66	93	6	422	3,446	12	25	---	1,758
CLASS I RR (SWITCHING AND TERMINAL)											
EASTERN DISTRICT											
Aliquippa and Southern Railroad.....	2	---	---	---	---	2	8	---	---	---	---
Alton and Southern Railroad.....	7	---	---	---	---	7	12	---	---	---	5
Balt. and Ohio Chicago Tera. Railroad....	---	---	---	---	---	---	11	---	---	---	4
Belt Railway Company of Chicago.....	---	---	---	---	---	---	12	---	---	---	8
Chicago, Union Station.....	---	---	---	---	---	---	---	---	---	---	---
Coneaugh and Black Lick Railroad.....	---	---	---	---	---	---	3	---	---	---	---
Cuyahoga Valley Railway Company.....	---	---	---	---	---	---	6	---	---	---	---
Indiana Harbor Belt Railroad.....	---	---	---	1	---	1	11	---	---	---	---
Indianapolis Union Railway.....	---	---	---	---	---	---	4	---	---	---	1
Lakefront Dock and Railroad Terminal....	---	---	---	---	---	---	---	---	---	---	---
Lake Terminal Railroad Company.....	---	---	---	---	---	---	4	---	---	---	---
Monongahela Connecting Railroad.....	6	---	---	---	---	6	4	---	---	---	---
Patapsco and Back Rivers Railroad....	1	---	---	---	---	1	11	---	---	---	---
Phila., Fethlehem and Nev Eng. Railroad..	---	---	---	---	---	---	2	---	---	---	---
River Terminal Railway.....	---	---	---	---	---	---	2	---	---	---	---
South Buffalo Railway.....	1	---	---	---	---	1	1	---	---	---	---
Union Railroad (Penn.).....	---	---	---	---	---	---	13	---	---	---	---
SUBTOTAL, EASTERN DISTRICT:.....	17	---	---	---	1	18	104	---	---	---	18
SOUTHERN DISTRICT											
Birmingham Southern Railroad.....	---	---	---	---	---	---	---	---	---	---	---
Kentucky and Indiana Terminal Railroad....	1	---	---	---	---	1	2	---	---	---	---
SUBTOTAL, SOUTHERN DISTRICT:.....	1	---	---	---	---	1	2	---	---	---	---
WESTERN DISTRICT											
Houston Belt and Terminal Railway.....	2	---	---	---	---	2	15	---	---	---	6
Kansas City Terminal Railway.....	---	---	---	---	---	---	1	---	---	---	2
Ogden Union Railway and Depot.....	---	---	---	---	---	---	1	---	---	---	---
Portland Terminal RR (Oregon).....	1	---	---	---	---	1	5	---	1	---	2
Port Terminal RR Assoc.....	2	---	---	---	---	2	12	---	---	---	4
Terminal Railroad Association of St. Louis.	---	---	---	---	---	---	24	---	---	---	---
Texas Pacific-Missouri Pacific Terminal Rail.....	---	---	---	---	---	---	4	---	---	---	1
SUBTOTAL, WESTERN DISTRICT:.....	5	---	---	---	---	5	62	---	1	---	15
CLASS II RAILROADS											
SUBTOTAL, CLASS II:.....	12	---	---	7	5	24	284	---	4	---	125
RECAPITULATION											
ALL DISTRICTS											
Class I RR (Line-Haul).....	559	1	465	177	14	1,216	7,428	17	233	---	3,790
Class I RR (Switching and Terminal).....	23	---	---	---	1	24	168	---	1	---	33
Class II Railroads.....	12	---	---	7	5	24	284	---	4	---	125
TOTAL FOR ALL RAILROADS.....	594	1	465	184	20	1,264	7,880	17	238	---	3,948

TRAIN INCIDENTS, AND NONTRAIN INCIDENTS  
RAILROADS IN 1976

Tres- passers	Nontrain Incidents							Total					
	Total	Empl on Duty	Empl Not on Duty	Pass- engers	Non Tres- passers	Tres- passers	Total	Empl on Duty	Empl Not on Duty	Pass- engers	Non Tres- passers	Tres- passers	Total
19	491	1,466	42	---	125	23	1,656	1,806	46	---	272	42	2,166
26	735	4,796	62	7	57	25	4,949	5,318	65	14	301	53	5,751
25	268	1,414	17	11	46	6	1,496	1,564	17	19	174	33	1,807
9	342	1,223	8	11	19	5	1,266	1,459	10	15	134	14	1,632
20	164	644	3	4	18	5	674	742	3	7	93	27	872
1	25	84	---	---	---	---	84	104	---	---	9	1	114
---	47	163	2	---	10	---	176	197	2	---	27	1	227
1	23	109	3	---	26	---	138	129	3	---	31	1	164
---	14	41	---	---	2	---	43	54	---	---	8	1	63
1	46	123	---	---	1	---	124	149	---	---	26	1	176
2	92	163	---	---	---	---	163	227	---	---	27	2	256
---	89	203	---	---	25	1	229	251	---	---	64	1	326
12	665	1,303	12	3	17	6	1,341	1,537	12	14	400	18	1,981
2	20	39	---	---	2	---	41	54	---	---	8	2	64
5	343	597	16	---	7	1	621	620	16	---	136	6	980
1	120	353	2	---	1	1	357	455	2	---	20	2	479
7	178	493	6	---	2	---	501	587	7	---	86	7	689
60	1,043	2,717	27	7	15	8	2,774	3,539	29	33	221	71	3,893
2	70	2,819	4	---	11	4	308	323	4	30	46	6	409
---	---	97	---	---	6	---	105	97	---	---	5	---	105
---	9	102	---	---	---	---	102	108	---	---	4	---	112
14	631	1,892	51	---	6	1	1,952	2,423	52	2	139	15	2,630
11	61	237	1	---	7	3	246	299	1	---	21	14	335
220	5,461	16,550	256	43	407	92	19,346	22,252	269	134	2,256	318	25,231
---	6	81	1	---	---	---	82	91	1	---	---	---	92
4	21	48	---	---	1	---	49	67	---	---	6	4	77
---	15	73	---	---	---	---	73	84	---	---	4	---	88
---	20	91	2	---	5	---	96	103	2	---	13	---	118
---	---	12	---	---	11	---	23	12	---	---	11	---	23
---	3	43	---	---	---	---	43	46	---	---	---	---	46
6	12	1	---	---	---	---	13	18	1	---	---	---	19
1	12	172	2	---	---	---	175	183	2	---	3	---	188
---	5	40	---	---	---	---	40	44	---	---	1	---	45
---	---	3	---	---	---	---	3	3	---	---	---	---	3
---	4	27	---	---	---	---	27	31	---	---	---	---	31
4	3	37	---	---	---	---	37	47	---	---	---	---	47
---	11	56	---	---	---	---	56	70	---	---	---	---	70
---	2	27	---	---	---	---	27	29	---	---	---	---	29
---	2	26	---	---	---	---	26	28	---	---	---	---	28
---	1	97	---	---	---	---	97	99	---	---	---	---	99
---	13	135	---	---	---	---	135	146	---	---	---	---	146
5	127	982	6	---	17	1	1,006	1,103	6	---	35	7	1,151
---	---	54	---	---	2	---	56	54	---	---	2	---	56
---	2	52	---	---	---	1	53	55	---	---	1	---	56
---	2	106	---	---	2	1	109	109	---	---	2	1	112
4	25	101	---	---	---	---	101	118	---	---	6	4	128
---	3	31	---	---	---	---	31	32	---	---	2	---	34
---	1	7	---	---	---	---	7	8	---	---	---	---	8
---	8	23	---	---	2	---	25	29	---	1	---	---	34
1	17	106	---	---	7	---	113	120	---	---	11	1	132
---	24	106	---	---	7	---	113	130	---	---	7	---	137
---	5	56	---	---	---	---	56	60	---	---	1	---	61
5	63	430	---	---	16	---	466	497	---	1	31	5	534
25	438	2,807	12	9	56	2	2,886	3,103	12	13	186	32	3,348
499	11,967	43,515	547	287	920	210	45,479	51,502	565	965	4,687	723	56,662
10	212	1,518	6	---	35	2	1,561	1,709	6	1	68	13	1,797
25	436	2,807	12	9	56	2	2,886	3,103	12	13	188	32	3,348
534	12,617	47,840	565	296	1,011	214	49,926	56,314	583	999	5,143	766	63,607





(CONT.)

TABLE 207A FATALITIES TO EMPLOYEES OF  
CLASS I AND CLASS II RAILROADS

	I. Exec Office Staff II. Prof., Clerical, General			III. Maintenance of Way and Structures			IV.
	Killed	Man Hrs (Thou)	Kld/Mil Man Hrs	Killed (Thou)	Man Hrs	Kld/Mil Man Hrs	Equip. Killed
WESTERN DISTRICT							
Atchison, Topeka and Santa Fe Railway.....	---	14,986	0.00	1	10,997	0.09	---
Durlington Northern.....	---	20,872	0.00	1	18,963	0.05	---
Chicago and Northwestern.....	---	6,410	0.00	---	5,617	0.00	1
Chi., Milw., St. Paul & Pacific Railroad...	---	5,872	0.00	---	4,394	0.00	1
Chicago, Rock Island & Pacific Railroad....	---	3,816	0.00	---	2,864	0.00	---
Colorado and Southern Railway.....	---	188	0.00	---	314	0.00	---
Denver and Rio Grande Western Railroad.....	---	1,797	0.00	---	1,441	0.00	---
Duluth, Missabe and Iron Range Railway....	---	637	0.00	---	763	0.00	---
Duluth, Winnipeg and Pacific Railway.....	---	130	0.00	---	249	0.00	---
Port Worth and Denver Railway.....	---	246	0.00	---	541	0.00	---
Kansas City Southern Railway.....	---	1,182	0.00	1	1,386	0.72	---
Missouri-Kansas-Texas Railroad.....	---	1,323	0.00	---	1,033	0.00	---
Missouri Pacific Railroad.....	---	7,983	0.00	---	6,332	0.00	1
Northwestern Pacific Railroad.....	---	131	0.00	---	348	0.00	---
St. Louis-San Francisco Railway.....	---	3,393	0.00	1	3,248	0.31	---
St. Louis Southwestern Railway Company....	---	1,675	0.00	---	1,467	0.00	---
Soo Line.....	---	2,069	0.00	---	2,133	0.00	1
Southern Pacific Trans. Company.....	---	18,673	0.05	4	17,870	0.34	1
Texas and Pacific Railway.....	---	863	0.00	---	896	0.00	---
Texas Mexican Railway Company.....	---	203	0.00	---	132	0.00	---
Tledo, Georia and Western Railroad.....	---	251	0.00	---	193	0.00	---
Union Pacific Railroad.....	---	14,474	0.00	7	9,863	0.71	---
Western Pacific.....	---	1,516	0.00	---	986	0.00	---
SUBTOTAL, WESTERN DISTRICT:.....	1	108,650	0.01	15	86,050	0.17	5
CLASS I RR (SWITCHING AND TERMINAL)							
EASTERN DISTRICT							
Alliquippa and Southern Railroad.....	---	215	0.00	---	198	0.00	---
Alton and Southern Railroad.....	---	170	0.00	---	152	0.00	---
Balt. and Ohio Chicago Term. Railroad.....	---	241	0.00	---	307	0.00	---
Belt Railway Company of Chicago.....	---	458	0.00	---	322	0.00	---
Chicago, Union Station.....	---	291	0.00	---	80	0.00	---
Conesaugh and Black Lick Railroad.....	---	90	0.00	---	223	0.00	---
Cuyahoga Valley Railway Company.....	---	91	0.00	---	104	0.00	---
Indiana Harbor Belt Railroad.....	---	750	0.00	---	493	0.00	---
Indianapolis Union Railway.....	---	48	0.00	---	53	0.00	---
Lakefront Dock and Railroad Terminal.....	---	6	0.00	---	6	0.00	---
Lake Terminal Railroad Company.....	---	150	0.00	---	174	0.00	---
Maongabehla Connecting Railroad.....	---	152	0.00	---	125	0.00	---
Petapasco and Back Rivers Railroad.....	---	124	0.00	---	288	0.00	---
Phila., Pethlehen and New Eng. Railroad....	---	173	0.00	---	196	0.00	---
Silver Terminal Railway.....	---	115	0.00	---	4	0.00	---
South Buffalo Railway.....	---	117	0.00	---	246	0.00	---
Union Railroad (Penna.).....	---	791	0.00	---	364	0.00	---
SUBTOTAL, EASTERN DISTRICT:.....	---	3,982	0.00	---	3,339	0.00	---
SOUTHERN DISTRICT							
Birmingham Southern Railroad.....	---	176	0.00	---	80	0.00	---
Kentucky and Indiana Terminal Railroad....	---	245	0.00	---	68	0.00	---
SUBTOTAL, SOUTHERN DISTRICT:.....	---	421	0.00	---	148	0.00	---
WESTERN DISTRICT							
Houston Belt and Terminal Railway.....	---	698	0.00	---	259	0.00	---
Kansas City Terminal Railway.....	---	204	0.00	---	185	0.00	---
Ogden Union Railway and Depot.....	---	2	0.00	---	*	0.00	---
Portland Terminal RR (Oregon).....	---	115	0.00	---	37	0.00	---
Port Terminal RR Assoc.....	---	184	0.00	---	117	0.00	---
Terminal Railroad Association of St. Louis..	---	705	0.00	---	292	0.00	---
Texas Pacific-Missouri Pacific Terminal Rail.....	---	245	0.00	---	95	0.00	---
SUBTOTAL, WESTERN DISTRICT:.....	---	2,153	0.00	---	985	0.00	---
CLASS II RAILROADS							
SUBTOTAL, CLASS II:.....	1	---	*	---	---	*	1
RECAPITULATION ALL DISTRICTS							
Class I RR (Line-Haul).....	1	237,785	0.00	30	181,268	0.17	11
Class I RR (Switching and Terminal).....	---	6,556	0.00	---	4,472	0.00	---
Class II Railroads.....	1	---	*	---	*	*	1
TOTAL FOR ALL RAILROADS.....	2	244,341	0.01	30	185,740	0.16	12

\* Included in Southern Railway System

\* Hourly figures are not available by occupational categories.

ON DUTY BY CLASS OF PERSON IN 1976  
II BAILROADS

Maintenance of ment and Stores		V. Via. Transportation not train, engine, yard		VII. Transportation Train and Engine			.....TOTAL.....			
Man Hrs (Thou)	Killed	Man Hrs (Thou)	Killed	Man Hrs (Thou)	Man Hrs	Kil/Mil	Man Hrs (Thou)	Kil/Mil	Man Hrs	
14,255	0.00	---	3,947	0.00	3	13,962	0.21	4	56,167	0.07
18,615	0.00	---	6,520	0.00	---	20,392	0.00	1	85,362	0.01
5,609	0.18	---	2,417	0.00	3	8,607	0.35	4	28,660	0.14
4,267	0.23	---	1,995	0.00	1	7,315	0.14	2	23,863	0.08
2,955	0.00	---	1,471	0.00	1	5,363	0.19	1	16,469	0.06
3	0.00	---	23	0.00	---	545	0.00	---	1,033	0.00
1,779	0.00	---	474	0.00	---	1,941	0.00	---	7,432	0.00
791	0.00	---	349	0.00	---	622	0.00	---	3,182	0.00
173	0.00	---	94	0.00	---	233	0.00	---	879	0.00
215	0.00	---	204	0.00	---	737	0.00	---	1,943	0.00
1,018	0.00	---	308	0.00	---	2,294	0.00	1	6,188	0.16
875	0.00	---	323	0.00	2	1,595	1.25	2	5,149	0.39
6,151	0.16	---	2,103	0.00	2	9,412	0.21	3	31,941	0.09
42	0.00	---	57	0.00	---	208	0.00	---	786	0.00
3,111	0.00	---	1,046	0.00	---	4,446	0.00	1	15,246	0.07
1,710	0.00	---	405	0.00	---	2,353	0.00	---	7,610	0.00
1,689	0.59	---	714	0.00	---	2,107	0.00	1	8,712	0.11
13,680	0.07	---	3,467	0.00	2	17,544	0.11	8	65,234	0.12
886	0.00	---	427	0.00	---	1,966	0.00	---	5,036	0.00
65	0.00	---	45	0.00	---	125	0.00	---	590	0.00
174	0.00	---	82	0.00	---	257	0.00	---	957	0.00
10,452	0.00	---	3,066	0.00	2	10,069	0.20	9	47,944	0.19
762	0.00	---	263	0.00	---	1,230	0.00	---	4,777	0.00
89,317	0.06	---	29,822	0.00	16	113,385	0.14	37	427,224	0.09
175	0.00	---	52	0.00	---	357	0.00	---	997	0.00
177	0.00	---	46	0.00	---	546	0.00	---	1,095	0.00
372	0.00	---	219	0.00	---	634	0.00	---	1,773	0.00
385	0.00	---	117	0.00	---	585	0.00	---	1,867	0.00
57	0.00	---	264	0.00	---	---	*	---	692	0.00
156	0.00	---	75	0.00	---	409	0.00	---	959	0.00
96	0.00	---	13	0.00	1	267	3.75	1	571	1.75
743	0.00	---	165	0.00	---	1,588	0.00	---	3,739	0.00
31	0.00	---	57	0.00	---	119	0.00	---	308	0.00
4	0.00	---	2	0.00	---	---	*	---	20	0.00
104	0.00	---	6	0.00	---	249	0.00	---	683	0.00
159	0.00	---	32	0.00	---	246	0.00	---	714	0.00
168	0.00	---	62	0.00	---	446	0.00	---	1,088	0.00
146	0.00	---	62	0.00	---	323	0.00	---	902	0.00
99	0.00	---	23	0.00	---	478	0.00	---	719	0.00
158	0.00	---	74	0.00	---	667	0.00	---	1,262	0.00
443	0.00	---	151	0.00	---	1,626	0.00	---	3,375	0.00
3,475	0.00	---	1,426	0.00	1	8,542	0.12	1	20,764	0.05
76	0.00	---	22	0.00	---	246	0.00	---	600	0.00
162	0.00	---	98	0.00	---	347	0.00	---	940	0.00
256	0.00	---	120	0.00	---	593	0.00	---	1,540	0.00
179	0.00	---	160	0.00	---	907	0.00	---	2,203	0.00
62	0.00	---	61	0.00	---	104	0.00	---	616	0.00
---	*	---	36	0.00	---	316	0.00	---	356	0.00
102	0.00	---	33	0.00	---	176	0.00	---	463	0.00
140	0.00	---	73	0.00	---	467	0.00	---	981	0.00
363	0.00	---	217	0.00	---	1,292	0.00	---	2,869	0.00
172	0.00	---	63	0.00	---	353	0.00	---	928	0.00
1,018	0.00	---	643	0.00	---	3,617	0.00	---	8,416	0.00
---	*	1	---	*	3	---	*	6	35,889	0.17
211,996	0.05	2	76,479	0.03	49	271,524	0.16	93	979,052	0.09
4,751	0.00	---	2,185	0.00	1	12,752	0.06	1	30,720	0.03
---	*	1	---	*	3	---	*	6	35,889	0.17
216,747	0.06	3	76,668	0.04	53	284,276	0.19	100	1,045,661	0.10

TABLE 207B INJURIES TO EMPLOYEES OF CLASS I AND CLASS II RAILROADS

	I. Exec Office Staff			III. Maintenance of Way and Structures			IV. Equip		
	Injured	Man Hrs	Inj/Mil Man Hrs	Injured	Man Hrs	Inj/Mil Man Hrs	Injured	Man Hrs	Inj/Mil Man Hrs
CLASS I RR (LINE-HAUL)									
EASTERN DISTRICT									
Ann Arbor Railroad.....	---	15	0.00	3	45	66.67	---	---	---
Baltimore and Ohio Railroad.....	57	5,298	10.76	429	5,724	74.95	292	343	67.06
Bangor and Aroostook Railroad.....	1	249	4.02	23	343	67.06	30	---	---
Bessemer and Lake Erie Railroad.....	4	1,023	3.91	61	517	117.99	100	---	---
Boston and Maine Corporation.....	10	1,411	7.09	70	1,168	59.93	65	---	---
Canadian Pacific Railway Company.....	---	51	0.00	34	322	105.59	2	---	---
Central RR Company of New Jersey.....	2	237	8.44	19	154	123.38	19	---	---
Central Vermont.....	1	164	6.10	13	244	53.28	1	---	---
Chesapeake and Ohio Railway Company.....	54	9,844	5.49	336	4,558	73.72	395	---	---
Chicago and Eastern Illinois.....	3	275	10.91	20	403	49.63	15	---	---
Chicago & Ill. Midland.....	2	161	12.42	66	169	390.53	28	---	---
Consolidated Rail Corp.....	323	30,991	10.42	3,283	27,683	118.59	1,914	---	---
Delaware and Hudson Railroad.....	2	932	2.15	16	740	21.62	24	---	---
Detroit and Toledo Shore Line Railroad.....	3	155	19.35	26	105	247.62	27	---	---
Detroit, Toledo and Ironton Railroad.....	7	716	9.78	29	296	97.97	34	---	---
Elgin, Joliet and Eastern Railway.....	48	1,512	31.75	126	1,047	120.34	107	---	---
Erie Lackawanna Railroad.....	13	1,089	11.94	25	700	35.71	44	---	---
Grand Trunk Western.....	39	2,950	13.22	87	1,129	77.06	180	---	---
Illinois Terminal Railroad.....	2	334	5.99	45	256	175.78	10	---	---
Lehigh Valley Railroad.....	3	309	9.71	32	250	128.00	9	---	---
Long Island Railroad.....	57	2,579	22.10	170	1,955	86.96	243	---	---
Maine Central Railroad.....	5	595	9.17	46	697	65.00	35	---	---
Astrak.....	82	10,925	7.51	326	2,803	116.30	357	---	---
Norfolk and Western Railway.....	130	11,570	11.24	904	9,243	97.80	804	---	---
Penn Central Transportation Co.....	69	8,260	8.35	578	6,118	94.48	610	---	---
Pennsylvania-Reading Seashore Lines.....	1	36	27.78	7	63	111.11	1	---	---
Pittsburg and Lake Erie Railroad.....	14	1,196	11.80	53	564	101.06	189	---	---
Reading Company.....	9	722	12.47	17	376	45.21	23	---	---
Richmond Fredericksburg Potomac RR.....	5	565	8.65	34	257	132.30	89	---	---
Western Maryland Railway.....	21	378	55.56	40	493	81.14	60	---	---
SUBTOTAL, EASTERN DISTRICT.....	967	94,482	10.23	6,922	68,422	101.17	5,715	---	---
SOUTHERN DISTRICT									
Alabama Great Southern Railroad.....	3	---	*	19	---	*	6	---	---
Autotrain Corporation.....	6	332	18.07	---	---	---	152	---	---
Central of Georgia Railroad Company.....	---	---	*	30	---	*	13	---	---
Cinn., M.O. & Texas Pacific Rwy.....	2	---	*	15	---	*	44	---	---
Clinchfield Railroad.....	1	239	4.18	16	336	83.33	16	---	---
Florida East Coast Railway.....	---	563	0.00	15	665	22.56	2	---	---
Georgia Railroad.....	3	50	60.00	9	101	89.11	15	---	---
Georgia Southern & Florida Railway.....	---	---	*	4	---	*	5	---	---
Illinois Central Gulf Railroad.....	51	6,586	9.37	806	6,652	120.98	907	---	---
Louisville and Nashville Railroad.....	123	7,579	16.23	708	5,724	123.69	514	---	---
Norfolk Southern Railway.....	1	---	*	3	---	*	2	---	---
Seaboard Coast Line Railroad.....	40	7,918	5.05	428	6,541	65.43	442	---	---
Southern Railway.....	74	9,426	8.49	251	6,767	46.11	327	---	---
SUBTOTAL, SOUTHERN DISTRICT.....	304	34,653	8.77	2,316	26,796	86.43	2,406	---	---
WESTERN DISTRICT									
Atchison, Topeka and Santa Fe Railway.....	68	14,986	4.54	548	10,997	49.83	478	---	---
Burlington Northern.....	201	20,872	9.63	2,103	18,963	110.90	1,321	---	---
Chicago and Northwestern.....	59	6,470	9.20	491	5,617	87.41	496	---	---
Chi., Milw., St. Paul & Pacific Railroad.....	97	5,472	16.52	342	4,394	77.83	324	---	---
Chicago, Rock Island & Pacific Railroad.....	29	3,616	7.60	224	2,864	78.21	166	---	---
Colorado and Southern Railway.....	2	148	13.51	39	314	124.20	21	---	---
Denver and Rio Grande Western Railroad.....	2	1,797	1.11	85	1,441	58.99	46	---	---
Duluth, Missabe and Iron Range Railway.....	2	637	3.18	50	783	63.86	35	---	---
Duluth, Winnipeg and Pacific Railway.....	2	130	15.38	28	249	112.85	8	---	---
Fort Worth and Denver Railway.....	1	246	4.07	82	541	151.57	13	---	---
Kansas City Southern Railway.....	6	1,182	5.08	92	1,386	66.38	35	---	---
Missouri-Kansas-Texas Railroad.....	5	1,323	3.78	91	1,033	88.09	46	---	---
Missouri Pacific Railroad.....	34	7,963	4.26	515	6,332	81.33	373	---	---
Northwestern Pacific Railroad.....	2	131	15.27	30	348	86.21	3	---	---
St. Louis-San Francisco Railway.....	11	3,393	3.24	307	3,248	94.52	267	---	---
St. Louis Southwestern Railway Company.....	13	1,675	7.76	98	1,467	66.80	110	---	---
Soe Line.....	13	2,069	6.28	230	2,133	107.83	157	---	---
Southern Pacific Trans. Company.....	236	18,673	12.56	963	11,870	81.13	785	---	---
Texas and Pacific Railway.....	3	863	3.48	76	896	84.82	43	---	---
Texas Mexican Railway Company.....	8	203	39.41	26	132	196.97	24	---	---
Toledo, Peoria and Western Railroad.....	3	251	11.95	30	193	155.44	32	---	---
Union Pacific Railroad.....	130	14,474	6.98	777	9,863	78.78	617	---	---
Western Pacific.....	13	1,516	8.58	60	986	60.85	73	---	---
SUBTOTAL, WESTERN DISTRICT.....	940	108,650	8.65	7,287	86,050	84.68	5,473	---	---

DUTY BY CLASS OF PERSON IN 1976  
 II RAILROADS

Maintenance of Equipment and Stores		V. Via. Transportation not train, engine, yard				VII. Transportation Train and Engine				.....TOTAL.....	
Man Hrs Inj/Mil Man Hrs	Inj/Mil Man Hrs	Injured	Man Hrs (Thou)	Inj/Mil Man Hrs	Injured	Man Hrs (Thou)	Inj/Mil Man Hrs	Injured	Man Hrs (Thou)	Inj/Mil Man Hrs	
31	0.00	5	33 128.21		2	37 54.05		10	167	59.88	
6,342	46.04	37	3,175 11.65		645	10,915 59.09		1,460	31,454	46.42	
373	91.15	4	105 36.70		18	310 58.06		80	1,384	57.80	
914	109.41	2	161 12.42		41	384 106.77		208	2,999	69.36	
1,289	50.43	2	461 4.16		90	1,759 51.17		237	6,108	36.80	
30	66.67	---	67 0.00		5	125 40.00		41	595	68.91	
206	92.23	4	69 57.97		25	249 100.40		69	915	75.41	
141	7.09	---	91 0.00		6	183 32.79		21	823	25.52	
8,324	47.45	61	3,137 19.45		727	9,878 73.60		1,573	35,761	44.01	
264	56.82	2	80 25.00		29	622 46.62		69	1,644	41.97	
206	135.92	8	111 72.07		24	99 242.42		128	786	171.58	
31,571	60.63	178	10,634 16.74		2,070	44,842 46.16		7,768	145,721	53.31	
942	25.46	5	255 19.31		49	1,266 38.70		96	4,139	23.19	
141	170.21	2	18 111.11		15	108 138.89		70	527	132.83	
759	48.75	1	176 5.62		53	635 63.47		127	2,784	55.62	
999	107.11	5	360 13.89		186	1,708 108.90		472	5,626	83.90	
1,105	39.82	6	428 14.02		77	1,552 49.61		165	4,874	33.85	
1,829	98.41	11	683 16.11		258	2,471 104.41		575	9,062	63.45	
190	52.63	1	54 18.52		25	415 60.24		83	1,249	66.45	
212	42.45	1	77 12.99		13	302 43.05		58	1,150	50.43	
3,906	62.21	30	866 34.56		239	2,936 81.40		739	12,284	60.36	
547	71.30	1	213 4.69		65	482 134.85		156	2,484	62.80	
7,070	50.50	547	7,149 75.25		2	3 666.67		1,308	27,990	46.73	
9,707	82.83	48	3,204 14.98		909	13,974 65.05		2,795	47,698	58.60	
9,096	67.06	43	2,852 15.06		566	12,080 46.85		1,466	38,406	48.59	
18	55.56	---	32 0.00		6	75 80.00		15	224	66.96	
1,280	147.66	2	227 8.81		51	1,148 84.43		313	4,405	71.06	
564	80.78	1	232 4.31		43	692 62.14		93	2,586	45.96	
586	151.68	---	91 0.00		53	476 111.34		161	1,975	91.65	
553	108.50	7	161 43.48		84	1,019 82.43		212	2,604	81.41	
89,195	64.07	1,008	35,266 28.57		6,376	110,945 57.47		20,988	398,324	52.69	
---	*	3	---	*	34	---	*	65	---	*	
555	273.87	37	418 88.52	---	---	---	*	195	1,305	149.43	
---	*	4	---	*	82	---	*	129	---	*	
---	*	1	---	*	52	---	*	74	---	*	
353	45.33	7	169 41.42	21	551	36.11	73	1,648	44.30		
303	6.60	---	118 0.00	10	466	21.46	27	2,115	12.77		
139	107.91	5	76 65.79	44	395	111.39	76	761	99.87		
---	*	---	---	*	32	---	*	42	---	*	
9,424	96.24	25	2,260 11.06	671	10,241	65.52	2,460	37,133	66.25		
7,177	71.62	27	2,137 12.63	783	10,661	73.45	2,155	33,278	64.76		
---	*	---	---	*	40	---	*	86	---	*	
8,385	52.71	63	3,156 19.96	681	11,757	57.92	1,654	37,757	43.81		
7,148	50.08	38	3,043 15.12	576	13,123	62.18	1,266	39,507	41.06		
33,484	71.66	210	11,377 18.46	3,026	47,194	64.12	8,262	153,504	53.62		
14,255	33.53	23	3,947 5.83	689	13,982	49.28	1,806	58,167	31.05		
18,615	70.96	141	6,520 21.63	1,552	20,392	76.11	5,318	85,362	62.30		
5,609	88.43	38	2,417 15.72	460	6,607	55.77	1,564	28,660	54.57		
4,287	75.58	24	1,995 12.03	672	7,315	91.87	1,459	23,863	61.14		
2,955	62.94	17	1,471 11.56	286	5,383	53.13	742	16,489	45.00		
3	333.33	1	23 43.48	61	545	111.93	104	1,033	100.68		
1,779	25.86	5	474 10.55	59	1,941	30.40	197	7,432	26.51		
791	44.25	5	349 14.33	37	622	59.49	129	3,182	40.54		
173	46.24	---	94 0.00	16	233	68.67	54	879	61.43		
215	60.47	---	204 0.00	53	737	71.91	149	1,943	74.69		
1,018	34.38	2	306 6.49	92	2,294	40.10	227	6,188	36.66		
875	52.57	4	323 12.38	115	1,595	72.10	261	5,149	50.69		
6,151	60.64	27	2,103 12.84	588	9,412	62.47	1,537	31,981	68.06		
42	71.43	1	57 17.54	18	208	66.54	54	786	68.70		
3,111	85.82	16	1,048 15.27	219	4,448	49.24	820	15,248	53.78		
1,710	64.33	11	405 27.16	223	2,353	94.77	455	7,610	59.79		
1,689	92.95	7	714 9.80	160	2,107	85.43	587	6,712	67.36		
13,680	57.38	55	3,467 15.86	1,500	17,544	85.50	3,539	65,234	54.25		
886	48.53	10	427 23.42	191	1,966	97.15	323	5,038	64.11		
85	282.35	1	82 22.22	38	125	304.00	97	590	164.41		
174	183.91	1	57 36.59	40	257	155.64	108	957	112.85		
10,452	59.03	48	3,066 15.66	851	10,089	84.35	2,423	47,944	50.54		
1	762 95.80	1	283 3.53	152	1,230	123.58	299	4,777	62.59		
89,317	61.28	440	29,822 14.75	8,112	113,385	71.54	22,252	427,224	52.09		

(CONI.)

TABLE 207B INJURIES TO EMPLOYEES OF  
CLASS I AND CLASS II

	I. Exec Office Staff II. Prof., Clerical, General			III. Maintenance of Way and Structures			IV. Equip
	Man Hrs Injured (Thou)	Inj/Mil Man Hrs		Man Hrs Injured (Thou)	Inj/Mil Man Hrs	Injure	
CLASS I RR (SWITCHING AND TERMINAL)							
EASTERN DISTRICT							
Aliquippa and Southern Railroad.....	7	215	32.56	25	198	126.26	30
Altch and Southern Railroad.....	3	170	17.65	7	152	46.05	15
Balt. and Ohio Chicago Term. Railroad.....	8	241	33.20	18	307	58.63	12
Belt Railway Company of Chicago.....	6	458	13.10	37	322	114.91	28
Chicago, Union Station.....	4	291	13.75	2	80	25.00	2
Conemaugh and Black Lick Railroad.....	1	90	11.11	12	223	53.81	6
Cuyahoga Valley Railway Company.....	---	91	0.00	3	104	28.85	---
Indiana Harbor Belt Railroad.....	7	750	9.33	67	493	135.90	52
Indianapolis Union Railway.....	3	48	62.50	9	53	163.81	7
Lakefront Dock and Railroad Terminal.....	---	6	0.00	---	8	0.00	---
Lake Terminal Railroad Company.....	---	150	0.00	1	174	5.75	10
Monongahela Connecting Railroad.....	1	152	6.58	16	125	128.00	10
Patapsco and Back Rivers Railroad.....	4	124	32.26	16	288	55.56	8
Phila., Bethlehem and New Eng. Railroad....	---	173	0.00	4	198	20.20	11
River Terminal Railway.....	---	115	0.00	---	4	0.00	4
South Buffalo Railway.....	2	117	17.09	25	246	101.63	12
Union Railroad (Penna.).....	4	791	5.06	34	364	93.41	35
SUBTOTAL, EASTERN DISTRICT:.....	50	3,962	12.56	276	3,339	82.66	244
SOUTHERN DISTRICT							
Birmingham Southern Railroad.....	2	176	11.36	23	80	287.50	13
Kentucky and Indiana Terminal Railroad.....	3	245	12.24	16	66	264.71	11
SUBTOTAL, SOUTHERN DISTRICT:.....	5	421	11.86	41	146	277.03	24
WESTERN DISTRICT							
Houston Belt and Terminal Railway.....	9	698	12.89	21	259	81.08	4
Kansas City Terminal Railway.....	---	204	0.00	20	165	108.11	10
Ogden Union Railway and Depot.....	---	2	0.00	---	---	---	---
Portland Terminal RR (Oregon).....	1	115	8.70	2	37	54.05	10
Port Terminal RR Assoc.....	2	184	10.87	38	117	324.79	10
Terminal Railroad Association of St. Louis.	11	705	15.60	33	292	113.01	23
Texas Pacific-Missouri Pacific Terminal Rail.....	6	245	24.49	6	95	63.16	9
SUBTOTAL, WESTERN DISTRICT:.....	29	2,153	13.47	120	985	121.83	66
CLASS II RAILROADS							
SUBTOTAL, CLASS II:.....	102	---	*	1,150	---	*	612
RECAPITULATION ALL DISTRICTS							
Class I RR (Line-Haul).....	2,211	237,785	9.30	16,525	181,268	91.16	13,594
Class I RR (Switching and Terminal).....	84	6,556	12.81	437	4,472	97.72	334
Class II Railroads.....	102	---	*	1,150	---	*	612
TOTAL FOR ALL RAILROADS.....	2,397	244,341	9.81	18,112	185,740	97.51	14,540

\* Included in Southern Railway System

# Manhour figures are not available by occupational categories.

DUTY BY CLASS OF PERSON IN 1976  
II RAILROADS

Maintenance of ment and Stores		V. Via. Transportation not train, engine, yard		Vib. Transportation Train and Engine		-----TOTAL-----	
Man Hrs (Thou)	Inj/Mil Man Hrs	Injured	Man Hrs Inj/Mil Man Hrs	Injured	Man Hrs Inj/Mil Man Hrs	Injured	Man Hrs Inj/Mil Man Hrs
175	171.43	---	52 0.00	29	357 81.23	91	997 91.27
177	84.75	4	46 83.33	38	548 69.34	67	1,095 61.19
372	32.26	5	219 22.83	41	634 64.67	84	1,773 47.38
385	72.73	2	117 17.09	30	585 51.28	103	1,867 55.17
57	35.09	4	264 15.15	---	---	12	692 17.34
158	50.63	2	75 25.32	23	409 56.23	46	959 47.97
96	0.00	---	13 0.00	15	267 56.18	18	571 31.52
743	69.99	4	165 24.24	53	1,588 33.38	183	3,739 48.94
31	225.81	3	57 52.63	22	119 184.87	44	308 142.86
4	0.00	---	2 0.00	3	---	3	20 150.00
104	96.15	---	6 0.00	20	249 80.32	31	683 45.39
159	62.89	---	32 0.00	20	246 81.30	47	714 65.83
168	47.62	2	62 32.26	40	446 89.69	70	1,088 64.34
146	75.34	1	62 16.13	13	323 40.25	29	902 32.15
99	40.40	---	23 0.00	24	478 50.21	28	719 36.94
158	75.95	3	74 40.54	57	667 85.46	99	1,262 78.45
443	79.01	4	151 26.49	71	1,626 43.67	148	3,375 43.85
3,475	70.22	34	1,426 23.84	499	8,542 58.42	1,103	20,764 53.12
76	171.05	5	22 227.27	11	246 44.72	54	600 90.00
162	60.44	1	96 10.20	22	347 63.40	55	940 56.51
256	93.02	6	120 50.00	33	593 55.65	109	1,540 70.78
179	22.35	4	160 25.00	80	907 88.20	118	2,203 53.56
62	161.29	---	61 0.00	2	104 19.23	32	616 51.95
---	*	2	36 55.56	6	318 18.87	8	356 22.47
102	98.04	---	33 0.00	16	176 90.91	29	463 62.63
140	71.43	1	73 13.70	69	467 147.75	120	981 122.32
363	63.36	2	217 9.22	61	1,292 47.21	130	2,869 45.31
172	52.33	---	63 0.00	39	353 110.46	60	928 64.66
1,018	64.83	9	643 14.00	273	3,617 75.48	497	8,416 59.05
---	*	181	---	1,058	---	3,103	35,889 86.46
211,996	64.12	1,658	76,479 21.68	17,514	271,524 64.50	51,502	979,052 52.60
4,751	70.30	49	2,189 22.38	805	12,752 63.13	1,709	30,720 55.63
---	*	181	---	1,058	---	3,103	35,889 86.46
216,747	67.08	1,888	76,668 24.00	19,377	284,276 66.16	56,314	1,045,661 53.85

TABLE 207C ILLNESSES TO RR  
CLASS I

	I. Exec Office Staff		II. Prof. Clerical, General		III. Maintenance of Way and Structures	
	Man Hrs	Ill/Mil	Man Hrs	Ill/Mil	Man Hrs	Ill/Mil
	Illness (Thou)	Man Hrs	Illness (Thou)	Man Hrs	Illness (Thou)	Man Hrs
CLASS I RR (LINE-HAUL)						
EASTERN DISTRICT						
Ann Arbor Railroad.....	--	15	0.00	---	45	0.00
Baltimore and Ohio Railroad.....	2	5,298	0.38	15	5,724	2.62
Bangor and Aroostook Railroad.....	---	249	0.00	---	343	0.00
Bessemer and Lake Erie Railroad.....	---	1,023	0.00	4	517	7.74
Boston and Maine Corporation.....	1	1,411	0.71	15	1,168	12.84
Canadian Pacific Railway Company.....	---	51	0.00	2	322	6.21
Central R.R. Company of New Jersey.....	---	237	0.00	---	154	0.00
Central Vermont.....	---	164	0.00	---	244	0.00
Chesapeake and Ohio Railway Company.....	4	9,844	0.41	8	4,558	1.76
Chicago and Eastern Illinois.....	---	275	0.00	---	403	0.00
Chicago and Illinois Midland Railway.....	---	161	0.00	---	169	0.00
Consolidated Rail Corporation.....	9	30,991	0.29	251	27,683	9.07
Delaware and Hudson Railroad.....	---	932	0.00	---	740	0.00
Detroit and Toledo Shore Line Railroad.....	---	155	0.00	---	105	0.00
Detroit, Toledo and Ironton Railroad.....	---	716	0.00	---	296	0.00
Elgin, Joliet and Eastern Railway.....	1	1,512	0.66	3	1,047	2.87
Erie Lackawanna Railroad.....	---	1,089	0.00	---	700	0.00
Grand Trunk Western.....	---	2,950	0.00	3	1,129	2.66
Illinois Terminal Railroad.....	---	334	0.00	2	256	7.81
Lehigh Valley Railroad.....	---	309	0.00	---	250	0.00
Long Island Railroad.....	3	2,579	1.16	40	1,955	20.46
Maine Central Railroad.....	---	545	0.00	---	697	0.00
Astrak.....	1	10,925	0.09	24	2,803	8.56
Norfolk and Western Railway.....	2	11,570	0.17	13	9,243	1.81
Penn Central Transportation Co.....	1	8,260	0.12	7	6,118	1.14
Pennsylvania-Reading Seashore Lines.....	---	36	0.00	---	63	0.00
Pittsburg and Lake Erie Railroad.....	---	1,186	0.00	---	564	0.00
Reading Company Reading.....	---	722	0.00	1	376	2.66
Richmond Fredericksburg Potomac RR.....	---	565	0.00	---	257	0.00
Western Maryland Railway.....	---	378	0.00	1	493	2.03
SUBTOTAL, EASTERN DISTRICT.....	24	94,482	0.25	389	68,422	5.69
SOUTHERN DISTRICT						
Alabama Great Southern Railroad.....	---	---	0.00	1	---	0.00
Autotrain Corporation.....	---	332	0.00	---	---	0.00
Central of Georgia Railroad Company.....	---	---	0.00	1	---	0.00
Cinn., N.O. & Texas Pacific Rwy.....	1	---	0.00	---	---	0.00
Clinchfield Railroad.....	---	239	0.00	---	336	0.00
Florida East Coast Railway.....	---	563	0.00	---	665	0.00
Georgia Railroad.....	---	50	0.00	1	101	9.90
Georgia Southern & Florida Railway.....	---	---	0.00	---	---	0.00
Illinois Central Gulf Railroad.....	2	8,546	0.23	51	6,662	7.66
Louisville and Nashville Railroad.....	3	7,579	0.40	13	5,724	2.27
Norfolk Southern Railway.....	---	---	0.00	---	---	0.00
Seaboard Coast Line Railroad.....	---	7,918	0.00	11	6,541	1.68
Southern Railway.....	1	9,426	0.11	3	6,767	0.74
SUBTOTAL, SOUTHERN DISTRICT.....	7	34,653	0.20	81	26,796	3.02
WESTERN DISTRICT						
Atchison, Topeka and Santa Fe Railway.....	1	14,986	0.07	---	10,997	0.00
Burlington Northern.....	2	20,872	0.10	114	18,963	6.01
Chicago and Northwestern.....	1	6,410	0.16	32	5,617	5.70
Chi., Milw., St. Paul & Pacific Railroad.....	3	5,872	0.51	14	4,394	3.19
Chicago, Rock Island & Pacific Railroad.....	---	3,816	0.00	1	2,864	0.35
Colorado and Southern Railway.....	---	148	0.00	1	314	3.18
Denver and Rio Grande Western Railroad.....	---	1,797	0.00	1	1,441	0.69
Duluth, Missabe and Iron Range Railway.....	---	637	0.00	---	783	0.00
Duluth, Winnipeg and Pacific Railway.....	---	130	0.00	---	249	0.00
Fort Worth and Denver Railway.....	---	246	0.00	1	541	1.85
Kansas City Southern Railway.....	---	1,182	0.00	1	1,386	0.72
Missouri-Kansas-Texas Railroad.....	---	1,323	0.00	---	1,033	0.00
Missouri Pacific Railroad.....	1	7,983	0.13	9	6,332	1.42
Northwestern Pacific Railroad.....	---	131	0.00	7	388	20.11
St. Louis-San Francisco Railway.....	1	3,393	0.29	21	3,248	6.47
St. Louis Southwestern Railway Company.....	---	1,675	0.00	1	1,467	0.68
Soo Line.....	1	2,069	0.48	10	2,133	4.69
Southern Pacific Trans. Company.....	7	18,673	0.37	40	11,870	3.37
Texas and Pacific Railway.....	---	363	0.00	---	896	0.00
Texas Mexican Railway Company.....	1	203	4.93	---	132	0.00
Toledo, Peoria and Western Railroad.....	---	251	0.00	4	193	20.73
Union Pacific Railroad.....	1	14,474	0.07	3	9,863	0.30
Western Pacific.....	---	1,516	0.00	2	986	2.03
SUBTOTAL, WESTERN DISTRICT.....	19	108,650	0.17	262	86,050	3.04

EMPLOYEES ON DUTY BY CLASS OF PERSON IX 1976  
AND CLASS II RAILROADS

IV. Maintenance of Equipment and Stores			V. VI a. Transportation not train, engine, yard			VII. Transportation Train and Engine			.....TOTAL.....		
Man Hrs	Ill/Mil	Man Hrs	Man Hrs	Ill/Mil	Man Hrs	Man Hrs	Ill/Mil	Man Hrs	Illness	Man Hrs	Ill/Mil
(Thou)			(Thou)		(Thou)	(Thou)		(Thou)	(Thou)	(Thou)	
---	31	0.00	---	39	0.00	---	37	0.00	---	167	0.00
7	6,342	1.10	1	3,175	0.31	10	10,915	0.92	35	31,454	1.11
---	373	0.00	---	109	0.00	---	310	0.00	---	1,384	0.00
1	914	1.09	---	161	0.00	---	384	0.00	5	2,999	1.67
3	1,269	2.33	---	481	0.00	2	1,759	1.14	21	6,106	3.44
---	30	0.00	---	67	0.00	---	125	0.00	2	595	3.36
1	206	4.85	---	69	0.00	---	249	0.00	1	915	1.09
---	141	0.00	---	91	0.00	---	163	0.00	---	523	0.00
6	6,324	0.72	---	3,137	0.00	3	9,874	0.30	21	35,741	0.59
1	264	3.79	---	80	0.00	1	622	1.61	2	1,644	1.22
---	206	0.00	---	111	0.00	---	99	0.00	---	746	0.00
47	31,571	1.49	5	10,634	0.47	30	44,842	2.01	402	105,721	2.76
---	942	0.00	---	259	0.00	3	1,266	2.37	3	4,139	0.72
1	141	7.09	---	18	0.00	---	108	0.00	1	527	1.90
1	759	1.32	---	176	0.00	---	835	0.00	1	2,784	0.36
---	999	0.00	1	360	2.78	2	1,708	1.17	7	5,626	1.24
---	1,105	0.00	---	428	0.00	1	1,552	0.64	1	4,874	0.21
3	1,829	1.64	---	683	0.00	6	2,471	2.43	12	9,062	1.32
---	190	5.26	---	54	0.00	1	815	2.81	4	1,249	3.20
---	212	0.00	---	77	0.00	---	302	0.00	---	1,150	0.00
10	3,906	2.56	---	868	0.00	18	2,936	6.13	71	12,244	5.60
2	547	3.66	---	213	0.00	2	482	4.15	4	2,484	1.61
14	7,070	1.98	6	7,189	0.83	---	3	0.00	45	27,990	1.61
---	9,707	0.72	---	3,204	0.00	6	13,974	0.43	28	47,694	0.59
12	9,096	1.32	---	2,852	0.00	19	12,080	1.57	39	38,406	1.02
---	16	0.00	---	32	0.00	---	75	0.00	---	224	0.00
---	1,280	0.00	---	227	0.00	---	1,148	0.00	---	4,405	0.00
---	564	0.00	---	232	0.00	---	692	0.00	1	2,586	0.39
2	3,441	0.00	---	91	0.00	1	876	2.10	3	1,975	1.52
---	553	0.00	---	161	0.00	6	1,019	5.89	7	2,604	2.69
119	89,195	1.33	13	35,280	0.37	171	110,945	1.54	716	398,324	1.80
---	---	0.00	---	---	0.00	---	---	0.00	1	---	0.00
8	555	14.41	1	414	2.39	---	---	0.00	9	1,305	6.90
---	---	0.00	---	---	0.00	1	---	0.00	2	---	0.00
---	---	0.00	---	---	0.00	1	---	0.00	2	---	0.00
---	353	0.00	---	169	0.00	---	551	0.00	---	1,648	0.00
---	303	0.00	---	118	0.00	---	466	0.00	---	2,115	0.00
---	139	0.00	---	76	0.00	---	395	0.00	1	761	1.31
---	---	0.00	---	---	0.00	1	---	0.00	1	---	0.00
25	9,424	2.65	1	2,260	0.44	15	10,241	1.46	94	37,133	2.53
17	7,177	2.37	---	2,137	0.00	13	10,661	1.22	46	33,278	1.38
---	---	0.00	---	---	0.00	1	---	0.00	1	---	0.00
5	8,385	0.60	---	3,156	0.00	2	11,757	0.17	16	37,757	0.48
15	7,146	2.10	2	3,043	0.66	12	13,123	1.22	33	39,507	1.01
70	33,484	2.09	4	11,377	0.35	46	47,194	0.97	208	153,504	1.36
1	14,255	0.07	---	3,947	0.00	2	13,982	0.14	4	58,167	0.07
60	18,615	3.22	3	6,520	0.46	30	20,392	1.47	209	85,362	2.45
24	5,609	4.28	1	2,417	0.41	11	8,607	1.28	69	28,660	2.41
6	4,287	1.40	---	1,995	0.00	6	7,315	0.82	29	23,853	1.22
6	2,955	2.03	1	1,471	0.68	19	5,383	3.53	27	16,489	1.64
---	3	0.00	---	23	0.00	2	545	3.67	3	1,033	2.90
---	1,779	0.00	---	474	0.00	1	1,941	0.52	2	7,432	0.27
1	791	1.26	---	349	0.00	---	622	0.00	1	3,162	0.31
---	173	0.00	---	94	0.00	---	233	0.00	---	879	0.00
---	215	0.00	---	204	0.00	---	737	0.00	1	1,943	0.51
---	1,018	0.00	---	308	0.00	2	2,294	0.87	3	6,166	0.48
---	875	0.00	---	323	0.00	---	1,595	0.00	---	5,149	0.00
1	6,151	0.16	---	2,103	0.00	3	9,412	0.32	14	31,981	0.44
1	42	23.81	---	57	0.00	---	208	0.00	8	786	10.18
---	3,111	0.00	---	1,046	0.00	1	4,448	0.22	23	15,246	1.51
1	1,710	1.58	---	405	0.00	2	2,353	0.65	4	7,610	0.53
2	1,689	0.18	---	714	0.00	---	2,107	0.00	13	8,712	1.49
25	13,680	1.83	1	3,467	0.29	51	17,544	2.91	124	65,234	1.90
---	886	0.00	---	427	0.00	2	1,966	1.02	2	5,038	0.40
1	85	11.76	---	45	22.22	---	125	0.00	3	590	5.08
---	174	0.00	---	82	0.00	---	257	0.00	4	957	4.18
5	10,452	0.48	---	3,066	0.00	7	10,089	0.69	16	47,944	0.33
2	762	2.62	---	283	0.00	---	1,230	0.00	4	4,777	0.88
136	89,317	1.52	7	29,622	0.23	139	113,385	1.23	563	427,224	1.32



(CONI.)

TABLE 207C ILLNESSES TO EMPLOYEES  
CLASS I AND CLASS II

	I. Exec Office Staff		III. Maintenance of Way and Structures		IV. Equi Illne		
	Man Hrs Illness (Thou)	Ill/Man Hrs	Man Hrs Illness (Thou)	Ill/Man Hrs			
<b>CLASS I RR (SWITCHING AND TERMINAL)</b>							
<b>EASTERN DISTRICT</b>							
Alliquippa and Southern Railroad.....	215	0.00	198	0.00	1		
Altco and Southern Railroad.....	170	0.00	152	0.00	---		
Balt. and Ohio Chicago Term. Railroad.....	241	0.00	307	0.00	---		
Belt Railway Company of Chicago.....	458	0.00	322	0.00	---		
Chicago, Union Station.....	291	0.00	80	0.00	---		
Conemaugh and Black Lick Railroad.....	90	0.00	223	0.00	---		
Cuyahoga Valley Railway Company.....	91	0.00	104	0.00	---		
Indiana Harbor Belt Railroad.....	750	0.00	493	2.03	---		
Indianapolis Union Railway.....	48	0.00	53	0.00	---		
Lakefront Dock and Railroad Terminal.....	6	0.00	8	0.00	---		
Lake Terminal Railroad Company.....	150	0.00	174	0.00	---		
Monongahela Connecting Railroad.....	152	0.00	125	8.00	---		
Potapasco and Back Rivers Railroad.....	124	0.00	288	0.00	---		
Phila., Bethlehem and New Eng. Railroad....	173	0.00	198	0.00	---		
River Terminal Railway.....	115	0.00	4	0.00	---		
South Buffalo Railway.....	117	0.00	246	0.00	---		
Union Railroad 'Penna.'.....	791	0.00	364	8.24	1		
SUBTOTAL, EASTERN DISTRICT.....	3,982	0.00	5	3,339	1.50		
<b>SOUTHERN DISTRICT</b>							
Birmingham Southern Railroad.....	176	0.00	3	80	37.50		
Kentucky and Indiana Terminal Railroad.....	245	0.00	1	68	14.71		
SUBTOTAL, SOUTHERN DISTRICT.....	421	0.00	4	148	27.03		
<b>WESTERN DISTRICT</b>							
Houston Belt and Terminal Railway.....	698	0.00	259	0.00	---		
Kansas City Terminal Railway.....	204	0.00	185	0.00	---		
Ogden Union Railway and Depot.....	2	0.00	---	0.00	---		
Portland Terminal RR 'Oregon'.....	115	0.00	37	0.00	---		
Port Terminal RR Assoc.....	184	0.00	2	117	17.09		
Terminal Railroad Association of St. Louis.	705	0.00	---	292	0.00		
Tx Pac-Mo Pac Terminal Railroad of New Orleans.....	245	0.00	---	95	0.00		
SUBTOTAL, WESTERN DISTRICT.....	2,153	0.00	2	985	2.03		
<b>RECAPITULATION</b>							
<b>ALL DISTRICTS</b>							
Class I RR (Line-Haul).....	50	237,765	0.21	732	181,268	4.04	325
Class I RR (Switching and Terminal).....	---	6,556	0.00	11	4,472	2.46	5
Class II Railroads.....	---	---	0.00	29	---	0.00	3
Total Class I and Class II Railroads.....	50	244,341	0.20	772	185,740	4.16	333

\* Included in Southern Railways System

ON DUTY BY CLASS OF PERSON IN 1976  
S II RAILROADS

Maintenance of Equipment and Stores		V. Via. Transportation not train, engine, yard		Vib. Transportation Train and Engine		.....TOTAL.....				
Man Hrs Ill/Mil	Man Hrs	Illness (Thou)	Man Hrs Ill/Mil	Illness (Thou)	Man Hrs Ill/Mil	Illness (Thou)	Man Hrs Ill/Mil			
175	5.71	---	52	0.00	---	357	0.00	1	997	1.00
177	0.00	---	48	0.00	---	548	0.00	---	1,095	0.00
372	0.00	---	219	0.00	---	638	0.00	---	1,773	0.00
365	0.00	---	117	0.00	---	585	0.00	---	1,867	0.00
57	0.00	---	264	0.00	---	---	0.00	---	692	0.00
158	0.00	---	79	0.00	---	409	0.00	---	959	0.00
96	0.00	---	13	0.00	---	267	0.00	---	571	0.00
743	0.00	---	165	0.00	---	1,588	0.00	1	3,739	0.27
31	0.00	---	57	0.00	---	119	0.00	---	308	0.00
4	0.00	---	2	0.00	---	---	0.00	---	20	0.00
104	0.00	---	6	0.00	---	249	0.00	---	663	0.00
159	0.00	---	32	0.00	---	246	0.00	1	714	1.40
168	0.00	---	62	0.00	---	446	0.00	---	1,088	0.00
146	0.00	---	62	0.00	---	323	0.00	---	902	0.00
99	0.00	---	23	0.00	1	478	2.09	1	719	1.39
156	0.00	---	78	0.00	---	667	0.00	---	1,262	0.00
443	2.26	---	151	0.00	1	1,626	0.62	5	3,375	1.48
3,475	0.58	---	1,426	0.00	2	6,542	0.23	9	20,764	0.43
76	0.00	---	22	0.00	---	246	0.00	3	600	5.00
182	5.49	---	98	0.00	---	347	0.00	2	940	2.13
258	3.88	---	120	0.00	---	593	0.00	5	1,540	3.25
179	0.00	---	160	0.00	4	907	4.41	4	2,203	1.82
62	0.00	---	61	0.00	---	104	0.00	---	616	0.00
---	0.00	---	36	0.00	---	318	0.00	---	356	0.00
102	0.00	---	33	0.00	1	176	5.66	1	463	2.16
140	14.29	---	73	0.00	24	467	51.39	28	981	28.54
363	0.00	---	217	0.00	---	1,292	0.00	---	2,869	0.00
172	0.00	---	63	0.00	---	353	0.00	---	926	0.00
1,016	1.96	---	643	0.00	29	3,617	8.02	33	8,416	3.92
211,996	1.53	24	76,479	0.31	356	271,524	1.31	1,487	979,052	1.52
4,751	1.05	---	2,189	0.00	31	12,752	2.43	47	30,720	1.53
---	0.00	1	---	0.00	13	---	0.00	46	35,889	1.28
216,747	1.54	25	76,666	0.32	400	284,276	1.41	1,560	1,045,661	1.51

TABLE 207D FATALITIES TO EMPLOYEES ON DUTY BY CLASS OF PERSON IN 1976  
RAPID TRANSIT CARRIERS

	I. Executive Office Staff II. Prof, Clerical, Genl	III. Maint. of Way and Structures	IV. Maint. of Equipment and Stores	V. Via. Trans- port. not yard train, engine	Vib. Trans- port. Train and Engine	TOTAL		
						Killed	Man Hrs (Thou)	Kid/Mil Man Hrs
Bay Area Rapid Transit BART.....	---	---	---	---	---	---	3,405	---
Chicago Transit Authority.....	---	---	---	---	1	1	7,208	0.14
Cleveland Transit System.....	---	---	---	---	---	---	606	---
Massachusetts Bay Transportation Authority.	---	---	---	---	---	---	3,305	---
New York City Transit Authority MTA.....	---	1	---	---	---	1	62,147	0.02
Port Authority Transit - Trans Hudson.....	---	---	---	---	---	---	2,158	---
Port Authority Transit Lindenwold Line....	---	---	---	---	---	---	583	---
Staten Island Rapid Transit Operating Authorit.....	---	---	---	---	---	---	338	---
Southeastern Pennsylvania Transportation Autho.....	---	---	---	---	---	---	3,526	---
Washington Metropolitan Area Transit Authority.....	---	---	---	---	---	---	332	---
TOTAL - All Rapid Transit Carriers....	---	1	---	---	1	2	83,608	0.02

TABLE 207E INJURIES TO EMPLOYEES ON DUTY BY CLASS OF PERSON IN 1976  
RAPID TRANSIT CARRIERS

	I. Executive Office Staff II. Prof, Clerical, Genl	III. Maint. of Way and Structures	IV. Maint. of Equipment and Stores	V. Via. Trans- port. not yard train, engine	Vib. Trans- port. Train and Engine	TOTAL		
						Injured	Man Hrs (Thou)	Ill/Mil Man Hrs
Bay Area Rapid Transit BART.....	176	10	122	47	54	409	3,405	120.11
Chicago Transit Authority.....	93	99	120	8	223	543	7,208	75.33
Cleveland Transit System.....	1	1	4	1	8	15	606	24.75
Massachusetts Bay Transportation Authority.	65	59	66	25	73	288	3,305	57.14
New York City Transit Authority MTA.....	525	661	661	343	280	2,470	62,147	39.74
Port Authority Transit - Trans Hudson.....	9	35	19	3	19	85	2,158	39.35
Port Authority Transit Lindenwold Line....	4	9	6	1	1	21	583	36.02
Staten Island Rapid Transit Operating Authorit.....	2	5	6	1	6	20	338	55.17
Southeastern Pennsylvania Transportation Autho.....	52	81	67	4	60	264	3,526	74.87
Washington Metropolitan Area Transit Authority.....	9	7	16	7	6	45	332	135.54
TOTAL - All Rapid Transit Carriers....	936	967	1,087	440	730	4,160	83,608	49.76

TABLE 207F ILLNESSES TO EMPLOYEES ON DUTY BY CLASS OF PERSON IN 1976  
RAPID TRANSIT CARRIERS

	I. Executive Office Staff II. Prof, Clerical, Genl	III. Maint. of Way and Structures	IV. Maint. of Equipment and Stores	V. Via. Trans- port. not yard train, engine	Vib. Trans- port. Train and Engine	TOTAL		
						Illness	Man Hrs (Thou)	Ill/Mil Man Hrs
Bay Area Rapid Transit BART.....	2	---	3	---	3	8	3,405	2.35
Chicago Transit Authority.....	---	---	---	---	---	---	7,208	---
Cleveland Transit System.....	---	---	---	---	---	---	606	---
Massachusetts Bay Transportation Authority.	1	---	---	2	1	4	3,305	1.21
New York City Transit Authority MTA.....	---	4	15	4	---	23	62,147	0.37
Port Authority Transit - Trans Hudson.....	---	1	---	---	---	1	2,158	0.46
Port Authority Transit Lindenwold Line....	---	2	---	---	---	2	583	3.43
Staten Island Rapid Transit Operating Authorit.....	---	---	---	---	---	---	338	---
Southeastern Pennsylvania Transportation Autho.....	1	2	2	2	---	7	3,526	1.99
Washington Metropolitan Area Transit Authority.....	---	---	1	1	---	2	332	6.02
TOTAL - All Rapid Transit Carriers....	4	9	21	9	4	47	83,608	6.56





(CONT.)

TABLE 208-A INJURIES TO EMPLOYEES  
CLASS I AND II RAILROADS

	Amputations.....						Fractures.....			
	Arm or Hand	Finger	Leg or Foot	Toe	Other Part	Total	Arm or Hand	Finger	Leg or Foot	Toe
EASTERN DISTRICT (CONT.)										
South Buffalo Railway.....	---	---	---	---	---	---	1	2	1	1
Union Railroad (Penna.).....	---	---	---	---	---	---	3	---	1	3
SUBTOTAL, EASTERN DISTRICT.....	---	1	2	1	---	4	19	17	15	10
SOUTHERN DISTRICT										
Birmingham Southern Railroad.....	---	---	---	---	---	---	---	---	---	---
Kentucky and Indiana Terminal Railroad.....	---	---	---	---	---	---	1	2	---	---
SUBTOTAL, SOUTHERN DISTRICT.....	---	---	---	---	---	---	1	2	---	---
WESTERN DISTRICT										
Houston Belt and Terminal Railway.....	---	---	---	---	---	---	1	---	1	1
Kansas City Terminal Railway.....	---	---	---	---	---	---	2	---	2	2
Ogden Union Railway and Depot.....	---	---	---	---	---	---	---	---	---	---
Portland Terminal RR (Oregon).....	---	---	---	---	---	---	1	---	2	---
Port Terminal RR Assoc.....	---	---	---	---	---	---	1	---	2	1
Terminal Railroad Association of St. Louis Rail.....	---	---	---	---	---	---	---	3	1	2
Texas Pacific-Missouri Pacific Terminal Rail.....	---	---	---	---	---	---	2	1	---	---
SUBTOTAL, WESTERN DISTRICT.....	---	---	---	---	---	---	7	4	8	6
CLASS II RAILROADS										
SUBTOTAL, CLASS II:.....	1	5	3	1	1	11	20	46	30	21
RECAPITULATION ALL DISTRICTS										
Class I RR (Line-Haul).....	15	145	34	14	---	208	675	1,547	958	630
Class I RR (Switching and Terminal).....	---	1	2	1	---	4	27	23	23	16
Class II Railroads.....	1	5	3	1	1	11	20	46	30	21
TOTAL FOR ALL RAILROADS.....	16	151	39	16	1	223	722	1,616	1,011	667

TABLE 208-B INJURIES TO RAPID TRANSIT EMPLOYEES

	Amputations.....						Fractures.....			
	Arm or Hand	Finger	Leg or Foot	Toe	Other Part	Total	Arm or Hand	Finger	Leg or Foot	Toe
Bay Area Rapid Transit (BART).....	---	---	---	---	---	---	3	1	---	---
Chicago Transit Authority.....	---	1	---	---	---	1	10	13	5	7
Cleveland Transit System.....	---	---	---	---	---	---	---	---	---	---
El Esso City Lines.....	---	---	---	---	---	---	---	---	---	---
Mass. Bay Transportation Authority.....	---	1	---	---	---	1	10	6	6	2
M & O Subway.....	---	---	---	---	---	---	---	---	---	---
New York City Trans. Authority (MTA).....	---	4	1	---	---	5	26	38	21	31
Metric Transit (Seattle).....	---	---	---	---	---	---	---	---	---	---
Niagara Frontier Trans. Auth.....	---	---	---	---	---	---	---	---	---	---
Port Authority Trans-Hudson.....	---	---	---	---	---	---	3	3	---	---
Port Authority Transit.....	---	---	---	---	---	---	---	---	---	---
Port of Seattle (Airport).....	---	---	---	---	---	---	---	---	---	---
City Transit (SEPTA).....	---	---	---	---	---	---	---	---	---	---
Red Arrow (SEPTA).....	---	---	---	---	---	---	---	---	---	---
San Francisco Mun. Rwy.....	---	---	---	---	---	---	---	---	---	---
Shaker Hts. R.T.....	---	---	---	---	---	---	---	---	---	---
Port Autho. Trans. (PATCO) Lindenwood Ln.....	---	---	---	---	---	---	---	1	2	1
Staten Island Rapid Transit Oper. Auth.....	---	---	---	---	---	---	---	---	---	---
Southeastern Pa. Trans. Authority.....	---	---	---	---	---	---	6	6	6	4
Washington Metro Transit Authority.....	---	---	---	---	---	---	---	1	---	---
Total.....	---	6	1	---	---	7	58	69	40	45

OF DUTY BY TYPE OF INJURY  
LOADS, 1976

Face or Head	.....Other Injuries.....										Total In- juries	Total Fatal- ities	
	Other	Total	Bruise	Sprain or Strain	Cut or Burn	Elec Shock or Burn	Other Burn	Dislo- cation	Cinder In Eye	Other			Total
---	---	---	---	---	---	---	---	---	---	---	---	---	
---	1	6	20	25	10	---	7	---	31	---	93	99	
---	---	7	15	54	32	---	4	---	33	3	141	148	
2	10	73	256	354	199	1	43	5	151	17	1,026	1,103	
---	---	---	---	---	---	---	---	---	---	---	---	---	
---	1	---	1	8	16	12	---	7	---	7	3	53	54
---	---	---	3	10	23	10	---	3	---	1	5	52	55
1	---	---	4	18	39	22	---	10	---	8	8	105	109
---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	1	4	22	41	26	---	1	---	23	1	114	118	
---	---	6	9	6	5	2	---	2	---	1	1	26	32
---	---	---	1	4	1	---	1	---	---	1	8	8	---
---	---	3	8	11	5	---	1	---	1	---	26	29	---
1	---	5	36	36	13	---	4	---	26	---	115	120	---
---	---	6	59	39	20	---	1	1	---	3	124	130	---
---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	1	4	15	23	7	---	---	---	9	2	56	60	---
1	2	26	150	160	77	2	10	1	61	8	469	497	---
---	---	---	---	---	---	---	---	---	---	---	---	---	---
3	35	155	827	905	572	9	86	25	363	150	2,937	3,103	6
---	---	---	---	---	---	---	---	---	---	---	---	---	---
223	554	4,627	11,058	17,091	9,146	249	1,410	284	5,541	1,886	46,667	51,502	93
4	12	105	424	553	296	3	63	6	220	33	1,600	1,709	1
3	35	155	827	905	572	9	86	25	363	150	2,937	3,103	6
230	641	4,887	12,309	18,549	10,018	261	1,559	315	6,124	2,069	51,204	56,314	100

OF DUTY BY TYPE OF INJURY IN 1976

Face or Head	.....Other Injuries.....										Total In- juries	Total Injury Fatal- ities	
	Other	Total	Bruise	Sprain or Strain	Cut or Burn	Elec Shock or Burn	Other Burn	Dislo- cation	Cinder In Eye	Other			Total
---	---	---	---	---	---	---	---	---	---	---	---	---	
---	2	6	116	175	55	3	5	1	34	6	403	409	---
1	---	36	186	109	101	31	4	1	56	18	506	543	1
---	---	---	5	4	1	2	---	---	1	1	14	14	---
---	---	---	---	---	---	---	---	---	---	---	---	---	---
1	3	28	73	102	36	12	2	3	13	18	259	288	---
---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	10	132	673	933	298	32	22	6	81	288	2,333	2,470	1
---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	1	7	26	20	12	1	1	---	15	2	77	84	---
---	---	---	---	---	---	---	---	---	---	---	---	---	---
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2	---	24	63	100	35	8	7	---	21	1	239	263	---
---	---	1	22	11	8	2	---	---	1	---	44	45	---
10	16	238	1,170	1,461	568	92	42	12	227	340	3,912	4,157	2

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TABLE 210 ACCIDENTS INVOLVING TRAINS  
TRANSPORTING HAZARDOUS MATERIALS  
CLASS I AND CLASS II RAILROADS, 1976

Railroad	Consists In hazmat Accidents	Total Cars In Consist	Total cars Containing Hazmat	Total cars Damaged %/hazmat	Total cars Releasing Hazmat	People Evacuated	Equipment Dollar Damages
<b>CLASS I RR (LINE-HAUL)</b>							
<b>EASTERN DISTRICT</b>							
BALTIMORE AND OHIO RAILROAD	29	2,204	223	27	9	425	464,750
BANGOR AND AROOSTOOK RAILROAD	8	862	34	1	1	---	251,347
BOSTON AND MAINE CORPORATION	5	377	7	6	1	4	135,270
CENTRAL RAILROAD COMPANY OF NEW JERSEY	5	221	43	5	---	---	21,525
CENTRAL VERMONT	1	73	2	1	---	---	3,770
CHESAPEAKE AND OHIO RAILWAY COMPANY	29	1,652	64	29	11	2,550	2,485,359
CHICAGO AND EASTERN ILLINOIS	5	589	36	8	---	---	2,950
CONSOLIDATED RAIL CORP.	47	3,277	252	77	33	3,165	1,544,430
DELAWARE AND HUDSON RAILROAD	1	82	1	1	1	20	66,000
DETROIT AND TOLEDO SHORE LINE RAILROAD	2	169	3	2	---	700	52,476
DETROIT, TOLEDO AND IROQUON RAILROAD	1	64	2	1	---	---	135,200
ERIE LACKAWANNA RAILROAD	5	373	14	8	---	---	67,400
GSANI TRUNK WESTERN	1	7	1	1	1	---	21,200
ILLINOIS TERMINAL RAILROAD	2	34	15	2	---	---	6,625
LEHIGH VALLEY RAILROAD	2	213	6	1	---	---	13,050
MAINE CENTRAL RAILROAD	11	474	53	5	1	1,700	186,503
AMTRAK	3	221	4	2	---	---	---
NCPCCLK AND WESTERN RAILWAY	23	1,749	167	34	3	---	603,095
PENN CENTRAL TRANSPORTATION COMPANY	22	1,480	61	24	5	280	750,531
PENNSYLVANIA-READING SEASBORE LINES	1	13	12	3	---	---	2,000
PITTSBURGH AND LAKE ERIE RAILROAD	2	232	2	2	---	---	4,400
READING COMPANY	1	21	1	1	1	---	12,700
RICHMOND, FREDERICKSBURG AND POTOMAC RR	4	242	4	2	---	---	136,913
WESTERN MARYLAND RAILWAY	1	85	1	1	1	---	4,000
Subtotal, EASTERN DISTRICT	211	14,734	1,028	244	68	8,844	6,971,494
<b>SOUTHERN DISTRICT</b>							
ALABAMA GREAT SOUTHERN RAILROAD	1	140	8	8	---	---	8,850
CENTRAL OF GEORGIA RAILROAD COMPANY	3	266	25	---	---	---	93,200
CINCINNATI, NEW ORLEANS & TEXAS PACIFIC	1	134	3	---	---	---	207,500
CLINCHFIELD RAILROAD	6	416	14	11	1	---	383,504
GEORGIA SOUTHERN & FLORIDA RAILWAY	2	72	6	3	---	---	240,700
ILLINOIS CENTRAL GULF RAILROAD	6	4,574	316	126	6	771	3,269,124
LOUISVILLE AND NASHVILLE RAILROAD	30	2,149	118	68	11	375	821,861
NCPCCLK SOUTHERN RAILWAY	1	29	9	3	---	---	2,000
SEABOARD COAST LINE RAILROAD	19	1,636	31	24	12	25	3,214,691
SOUTHERN RAILWAY	13	735	94	9	---	---	168,125
Subtotal, SOUTHERN DISTRICT	157	10,171	626	255	40	1,171	8,409,559
<b>WESTERN DISTRICT</b>							
ATCHISON, TOPEKA AND SANTA FE RAILWAY	23	1,270	71	35	8	40	555,046
BOELINGTON NORTHERN	7	587	26	13	4	75	1,076,458
CHICAGO AND NORTHWESTERN	27	1,803	42	14	2	3,000	952,457
CHICAGO, MILWAUKEE, ST. PAUL AND PACIFIC	20	1,323	51	29	1	---	609,468
CHICAGO, ROCK ISLAND AND PACIFIC RAILROAD	45	2,385	136	39	8	2,500	866,044
DENVER AND RIO GRANDE WESTERN RAILROAD	3	204	6	---	---	---	256,300
DULUTH, MISSABE AND IRON RANGE RAILWAY	1	23	1	1	1	---	866
KANSAS CITY SOUTHERN RAILWAY	30	3,375	193	20	3	50	922,725
MISSOURI-KANSAS-TEXAS RAILROAD	9	700	30	2	---	---	92,450
MISSOURI PACIFIC RAILROAD	30	2,136	277	28	3	112	1,060,160
NORTHWESTERN PACIFIC RAILROAD	1	117	1	1	---	---	43,000
ST. LOUIS-SAN FRANCISCO RAILWAY	35	2,140	63	13	5	52	1,374,899
ST. LOUIS SOUTHWESTERN RAILWAY COMPANY	4	388	10	3	1	200	114,325
SCC LINE RAILROAD	21	1,794	74	5	---	---	173,098
SOUTHERN PACIFIC TRANSPORTATION COMPANY	29	2,570	82	27	4	25	669,220
TEXAS AND PACIFIC RAILWAY	6	399	100	7	---	---	396,650
TEXAS MEXICAN RAILWAY COMPANY	2	101	99	5	---	---	91,334
TOLDO, PEORIA AND WESTERN RAILROAD	2	145	6	---	---	---	6,250
UNION PACIFIC RAILROAD	20	1,540	35	7	2	---	1,060,213
WESTERN PACIFIC	8	620	13	1	---	---	85,762
Subtotal, WESTERN DISTRICT	323	23,620	1,338	250	42	6,054	10,406,925
<b>CLASS I RR (SWITCHING AND TERMINAL)</b>							
<b>EASTERN DISTRICT</b>							
ALCON AND SOUTHERN RAILROAD	3	31	4	3	1	---	20,250
BELT RAILWAY COMPANY OF CHICAGO	15	1,330	41	3	---	---	55,400
INDIANA HARBOR BELT RAILROAD	4	229	8	8	---	---	6,065
PATAFSCO AND BACK RIVERS RAILROAD	1	7	1	1	1	---	300
Subtotal, EASTERN DISTRICT	23	1,597	54	15	2	---	84,015
<b>WESTERN DISTRICT</b>							
HOUSTON BELT AND TERMINAL RAILWAY	4	236	4	3	1	500	66,400
PORTLAND TERMINAL (OREGON)	1	1	2	1	---	---	3,600
PORT TERMINAL RAILROAD ASSOCIATION	5	102	7	7	---	---	25,844
TEAM. RAILROAD ASSOCIATION OF ST. LOUIS	3	7	3	3	---	---	20,400
Subtotal, WESTERN DISTRICT	13	346	16	14	1	500	118,244
<b>CLASS II RR</b>							
<b>ALL DISTRICTS, CLASS II</b>							
ALL CLASS II RAILROADS	41	2,234	285	69	13	2,800	1,078,216
Subtotal, ALL DISTRICTS, CLASS II	41	2,234	285	69	13	2,800	1,078,216
<b>RECAPITULATION</b>							
<b>ALL DISTRICTS</b>							
Class I RR (Line-haul)	691	48,525	2,992	749	150	16,069	25,787,978
Class I RR (Switching and Terminal)	36	1,943	70	29	3	500	202,259
Class II Railroads	41	2,234	285	69	13	2,800	1,078,216
TOTAL FOR CLASS I and CLASS II	768	52,702	3,347	847	166	19,369	27,068,453



APPENDIX

The Rules Governing Monthly Reports of Railroad Accidents/ Incidents which were in effect at the close of 1976 define a reportable accident/incident as an event arising from the operation of a railroad that results, with minor exceptions, in one or more of the following circumstances:

1. Any impact between railroad on-track equipment and an automobile, bus, truck, motorcycle, bicycle, farm vehicle, or pedestrian at a rail-highway grade crossing;
2. Any collision, derailment, fire, explosion, act of God, or other events involving operation of railroad on-track equipment (standing or moving) which results in more than \$1,750 in damages to railroad on-track equipment, signals, track, track structures, and roadbed;
3. Any event arising from the operation of a railroad which results in;
  - (a) death of one or more persons;
  - (b) injury to one or more persons, other than railroad employees, that requires medical treatment;
  - (c) injury to one or more employees that requires medical treatment or results in restriction of work or motion for one or more days, one or more lost workdays, transfer to another job, termination of employment, or loss of consciousness; or
  - (d) any occupational illness of a railroad employee, as diagnosed by a physician.

CLASSIFICATION OF ACCIDENTS/INCIDENTS

Reportable accidents/incidents are divided into three primary groups, namely: 1. Train Accidents; 2. Train Incidents; and 3. Nontrain Incidents.

1. Train accidents are events, with or without casualties, arising in connection with the operation of railroad on-track equipment which satisfy the conditions specified in (2) above. Such accidents are classified as:

- Collisions
- Derailments
- Other train accidents

2. Train incidents are events arising in connection with the movement of railroad on-track equipment which result in a reportable death, injury or illness, but do not result in damage to railroad equipment, track or roadbed of more than \$1,750. Such incidents may be classified as resulting from:

- (a) Coupling or uncoupling locomotives or cars, manipulating air or steam connection.
- (b) Operating locomotives and rail motor cars.
- (c) Operating hand brakes.
- (d) Operating switches.
- (e) Persons on moving locomotives or cars coming in contact with fixed structures.
- (f) Getting on or off locomotives or cars.
- (g) Accidents at public rail-highway crossings.
- (h) Struck or run over by locomotives or cars at places other than public rail-highway crossings.
- (i) Miscellaneous train accidents not otherwise classified.

3. Nontrain incidents are events arising from the operation of a railroad, but not from the movement of railroad on-track equipment, which result in a reportable death, injury or illness. Such incidents may be classified as resulting from:

- (a) Coupling incidents.
- (b) Operating switches.
- (c) Getting on or off railroad on-track equipment.
- (d) Servicing or maintenance operations.
- (e) Stumbling, slipping, falling or caught.
- (f) Flying or falling objects, burns and similar occurrences.
- (g) Use of tools.
- (h) Handling rails, ties, etc.
- (i) Handling other materials.
- (j) Involving motor vehicle (not at grade crossings).
- (k) Assault to persons.
- (l) Miscellaneous nontrain incidents not otherwise classified.

CLASSIFICATION OF PERSONS

Employees on duty are those persons who are engaged in the operation of a railroad. Ordinarily the fact that the employee is or is not under pay will determine whether he or she is or is not "on duty." Employees on railroad property, while on rest or meal periods, "trading time," or doing work which they are expected to do but actually perform before pay starts or after pay stops, are considered to be "employees on duty."

An employee in deadhead transportation is considered an "employee on duty" regardless of the mode of transportation. Deadhead transportation occurs when an employee is in transport at the direction or authorization of the carrier to or from an assignment or the employee is involved with a means of conveyance furnished, or compensated for, by the carrier.

Employees not on duty are those employees who are on railroad property for purposes connected with their employment or with other railroad permission, but who are not "on duty" as defined above.

NOTE: Employees who are injured while trespassing are categorized as trespassers.

Passengers are persons on, boarding, or alighting from railroad cars for the purpose of travel.

Nontrespassers are persons who are lawfully on that part of railroad property which is used in railroad operation (other than those herein defined as employees, passengers, or trespassers), and persons adjacent to railroad premises when injured as the result of the operation of a railroad.

Trespassers are persons who are on that part of railroad property used in railroad operation, and whose presence are prohibited, forbidden, or unlawful.

NOTE: A person on a rail-highway grade crossing is classified as a trespasser if the crossing is protected by gates or other similar barriers which were closed when the person entered the crossing. He is also a trespasser if he attempts to pass over or under trains or cars at the crossings.

#### CLASSIFICATION OF ON-TRACK EQUIPMENT

**Train** — A train is a locomotive unit or locomotive units coupled, with or without cars and with or without markers displayed. Included in this definition are those trains consisting entirely of self-propelled units designed to carry passengers and/or freight traffic.

**Locomotive** — A locomotive is a self-propelled unit of equipment designed for moving other equipment. It includes a self-propelled unit designed to carry freight and/or passenger traffic.

**Car** — A car is:

1. Any unit of equipment designed to be hauled by locomotives; or
2. Any unit of on-track work equipment such as a track motorcar, highway-rail car, on-track crane, on-track ballast tamping machine, etc.

**Equipment Consist** — An equipment consist is a train, locomotive(s), cut of cars, or any single car not coupled to another car or locomotive.

#### MISCELLANEOUS DEFINITIONS

The term "trainmen," as it is used in this publication, includes engineers and motormen, firemen and helpers, conductors, brakemen, and flagmen engaged in passenger, freight, yard or work service and train baggagemen, but it does not include hostlers.

The term "man-hours" refers to the service hours or days worked by employees, as shown on the "Monthly Report of Employees, Service, and Compensation" (ICC Wage Statistics, Form A and B) for Class I Railroads. For all other categories of railroads, this information is a total of employee hours worked, as reported on the monthly Railroad Injury and Illness Summary (FRA F 6180-55).

**Medical Treatment** is treatment administered by a physician or by registered professional personnel under the standing orders of a physician. Medical treatment does not include first aid treatment (one-time treatment), precautionary measures such as tetanus shots, or subsequent observation of minor scratches, cuts, bruises, splinters, etc., which do not require medical care, even though these services were provided by a physician or registered professional personnel.

**Lost Workdays** — This term applies to employees only. It includes all full days or parts of days the employee, because of injury or occupational illness, is away from work (consecutive or not) on regularly assigned workdays (except on the day of injury or first day of illness).

**Restriction of Work or Motion** — This term applies to employees only. Restriction of work or motion occurs when an employee, because of injury or occupational illness, is assigned to a temporary job, works less than full time at a permanent job, or is unable to perform all of his or her normally assigned duties.

**Occupational Illness** — This term applies to employees only. An occupational illness is any abnormal condition or disorder, other than one resulting from an injury, which is caused by environmental factors associated with an employee's employment, including but not limited to acute and chronic illness or diseases which may be caused by inhalation, absorption, ingestion, or direct contact.

A "locomotive-mile" is a movement under its own power of a locomotive a distance of one mile. This item covers miles run by locomotives in road service and in train and yard-switching service. Switching miles are computed at the rate of six miles per hour for the time actually engaged in such service. A motor train-mile is a movement under its own power of a motor train a distance of one mile.

The terms designating the general classes of common carrier railroads for which accident statistics are presented herein are used with the following significations: Class I railroads are those having annual operating revenue above \$10,000,000, including Class I switching and terminal companies; Class II railroads are those having annual operating revenue of \$10,000,000 or less.

In this publication a "Rail Rapid Transit" operation is the operation of a short haul passenger train exclusively within an urban/suburban or metropolitan area. It includes a passenger train provided by an instrumentality of a state or political subdivision thereof.

With respect to any minor differences between items in an annual table and the sums of corresponding items in monthly and quarterly published statements, it may be said that the annual tables include corrections due to the late receipt of supplemental returns or revised information and to other ordinary causes.

The number of accidents and the number of casualties shown in accident tables do not agree in totals, as might be inferred, because injury often is sustained by more than one person in a single railroad accident/incident and because accidents/incidents of some kinds are reportable, though they result in no personal casualty. It also should be noted that where a table is concerned solely with occupational illnesses, it is so noted in the table heading. In those tables where the two categories are combined, it is done so under the heading of "Casualties."

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