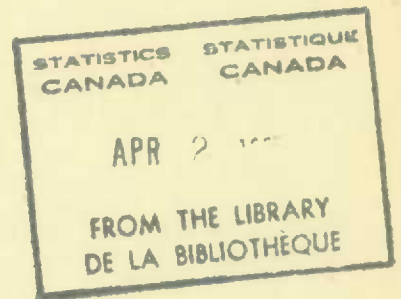


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Minister of Trade and Commerce

CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION & PUBLIC UTILITIES BRANCH



TRANSPORTATION ACCIDENTS



OTTAWA
1946

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DOMINION BUREAU OF STATISTICS
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OTTAWA

Dominion Statistician, HERBERT MARSHALL, O.B.E., B.A., F.S.S.

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

A C C I D E N T S

20-7030

RAILWAY - MOTOR VEHICLE - AIRCRAFT

1931 - 1945

The following tables are taken from the annual reports of the Bureau and bring together data on accidents connected with travel by steam and electric railways, motor vehicles and aircraft.

Railway accidents at highway crossings involving motorists are also included in motor vehicle accidents. Accidents involving street cars and motor vehicles are included in both electric railway and motor vehicle accidents. "Other persons" in the table on page 2 include trespassers walking along railway right-of-way, postal clerks on trains, and all persons not included in the preceding columns of the table. These data do not include accidents in railway shops, etc., of steam or electric railways, resulting from other causes than the movement of trains, engines and cars.

Table 1 ELECTRIC RAILWAY ACCIDENTS

Year	Killed				Injured				Passengers Carried (Millions)
	Passengers	Employees ^x	Others ^{xx}	Total	Passengers	Employees ^x	Others ^{xxx}	Total	
1931	1	-	61	62	2,245	210	1,144	3,599	720
1932	3	1	74	78	2,098	174	879	3,151	642
1933	-	-	32	32	1,385	154	1,184	2,723	585
1934	4	1	49	54	1,666	121	734	2,521	595
1935	1	-	61	62	1,517	142	652	2,311	601
1936	-	2	41	43	1,505	99	651	2,253	615
1937	-	-	43	43	1,566	115	679	2,360	632
1938	1	-	34	35	1,712	113	605	2,430	630
1939	1	-	33	34	2,039	99	764	2,902	633
1940	1	-	39	40	2,263	107	852	3,222	692
1941	1	4	60	65	2,508	107	1,002	3,617	795
1942	2	2	86	90	3,157	205	1,338	4,700	996
1943	-	-	78	78	4,301	311	1,491	6,103	1,177
1944	3	3	88	94	3,980	323	1,556	5,859	1,250
1945	2	3	104	109	4,092	363	1,592	6,047	1,317

x - Includes conductors, motormen, bus drivers only.

xx - Includes pedestrians, occupants of automobiles and other vehicles.

PERSONS KILLED AND INJURED

IN

ACCIDENTS RESULTING FROM THE MOVEMENT OF TRAINS (STEAM RAILWAYS)

Table 2

Year	Passengers		Employees		At Highway Crossings						Other Persons		Total		Passenger Miles (000,000)	Train Miles (000,000)
					Motorists		Occupants of Other Vehicles		Pedestrians							
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured		
1931	3	369	42	1,131	68	304	6	10	10	6	117	423	246	2,243	1,746	93
1932	7	339	57	957	78	237	9	23	7	7	146	292	304	1,855	1,436	81
1933	8	306	41	985	61	222	6	15	11	6	133	317	260	1,851	1,393	74
1934	16	417	43	1,119	63	211	6	10	5	6	162	343	295	2,106	1,530	78
1935	10	432	43	1,026	106	213	2	5	11	10	150	377	322	2,063	1,585	79
1936	6	657	83	1,293	105	266	4	15	10	6	154	335	362	2,572	1,726	83
1937	5	378	59	1,082	109	323	3	8	4	6	147	322	327	2,119	1,929	89
1938	4	314	45	898	85	205	-	24	10	3	140	297	284	1,741	1,783	86
1939	1	322	43	879	90	269	3	10	7	3	139	259	283	1,742	1,752	89
1940	5	277	49	1,278	93	338	6	9	13	8	109	160	275	2,070	2,176	97
1941	10	485	88	1,556	120	397	3	21	13	5	142	292	376	2,756	3,206	113
1942	43	639	103	2,163	122	390	8	16	6	14	129	208	411	3,430	4,989	120
1943	9	417	112	2,942	96	364	1	11	7	8	95	203	318	3,945	6,525	127
1944	8	416	81	2,637	119	345	6	4	10	8	96	138	320	3,548	6,873	130
1945	10	360	71	2,665	101	413	1	18	19	12	110	142	312	3,610	6,380	128

Table 3

DEATHS RESULTING FROM AUTOMOBILE ACCIDENTS, BY MONTHS

Year	Total	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1931	1,316	53	52	49	70	111	127	127	179	150	158	135	99
1932	1,120	79	51	51	53	78	89	127	133	119	137	109	94
1933	955	65	37	46	43	72	83	113	124	109	120	84	59
1934	1,115	34	35	38	49	89	104	147	142	140	133	110	88
1935	1,224	55	59	65	60	87	94	125	129	156	141	147	106
1936	1,316	54	38	55	93	89	89	145	189	160	169	133	102
1937	1,642	95	62	72	97	104	162	190	208	184	163	183	118
1938	1,545	86	66	82	88	88	139	156	165	169	213	152	141
1939	1,584	69	52	59	59	124	131	169	181	181	219	171	169
1940	1,723	68	66	63	107	101	138	209	212	230	206	193	130
1941	1,852	103	89	97	90	139	177	213	219	177	200	188	160
1942	1,409	132	70	88	98	103	116	140	127	139	163	129	104
1943	1,437	58	86	69	57	119	113	122	168	178	178	132	137
1944	1,374	101	80	114	91	95	112	143	151	149	128	126	84
1945 /	1,530	71	52	74	77	98	138	168	154	187	193	177	141

/ Preliminary

Table 4

DEATHS RESULTING FROM AUTOMOBILE ACCIDENTS, BY PROVINCES

Year	Canada	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
1931	1,316	5	49	45	355	574	60	50	67	111
1932	1,120	1	51	49	311	497	41	35	49	85
1933	955	2	47	22	256	416	38	32	64	78
1934	1,115	5	41	52	275	528	41	50	31	82
1935	1,224	2	57	40	314	571	53	40	45	102
1936	1,316	7	60	41	371	504	53	47	72	101
1937	1,642	7	97	67	405	774	60	47	55	124
1938	1,545	6	75	58	415	677	80	49	77	110
1939	1,584	7	84	92	390	682	63	65	81	120
1940	1,723	10	107	81	454	750	87	59	73	116
1941	1,852	9	104	89	485	855	72	45	78	138
1942	1,409	8	72	52	363	610	52	58	62	132
1943	1,437	5	90	70	392	563	44	34	84	155
1944	1,372	11	73	56	406	526	53	43	80	124
1945 /	1,521	8	75	88	415	618	60	37	69	125

/ Preliminary

Table 5.

AVERAGE NUMBER OF DEATHS RESULTING FROM AUTOMOBILE ACCIDENTS PER 10,000 REGISTERED MOTOR VEHICLES

1931	10.36	6.46	11.20	13.36	19.77	10.21	7.24	4.61	7.00	11.33
1932	10.05	1.43	12.39	17.47	13.77	9.35	5.87	3.83	5.64	9.34
1933	8.82	2.88	11.62	8.20	16.00	8.00	5.53	3.72	7.43	8.81
1934	9.82	0.24	9.78	17.87	10.62	9.74	5.82	3.26	6.83	8.91
1935	10.42	2.43	12.97	12.81	18.40	10.12	7.30	4.21	4.79	10.47
1936	10.61	0.17	12.99	12.27	20.43	9.50	7.07	4.00	7.39	9.52
1937	12.37	8.73	17.56	18.22	20.40	12.21	8.10	4.47	5.42	10.66
1938	11.08	7.51	14.04	15.03	20.10	10.12	9.07	4.42	7.12	9.23
1939	11.01	8.71	15.83	24.14	18.30	9.99	7.09	5.40	7.12	9.83
1940	11.48	12.39	18.49	20.77	19.26	10.74	9.57	4.65	6.05	9.06
1941	11.78	11.23	16.56	21.47	20.89	11.30	8.12	3.43	6.10	9.52
1942	9.24	10.61	12.23	13.77	16.21	8.33	5.52	4.46	4.24	9.96
1943	9.51	6.23	15.20	17.41	17.00	8.14	4.71	2.54	6.59	11.61
1944	9.14	13.08	12.60	14.15	18.12	7.79	5.08	3.05	6.28	9.12
1945 /	10.16	9.05	13.23	21.17	18.15	9.33	7.12	4.06	5.30	9.27

/ Preliminary.

DEATHS RESULTING FROM AUTOMOBILE ACCIDENTS REPORTED
BY CITIES OF OVER 40,000 POPULATION

Table 6

Cities	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945 /
Montreal	143	121	104	101	109	110	147	118	121	120	163	120	132	121	114
Toronto	111	88	65	88	74	80	91	107	82	99	122	74	89	99	88
Vancouver	46	41	28	25	43	36	45	41	28	23	45	39	39	37	40
Winnipeg	25	22	18	19	24	19	20	29	23	21	31	18	16	21	20
Hamilton	31	20	22	27	16	23	39	33	35	46	45	49	41	28	35
Ottawa	19	25	25	19	25	21	30	23	26	23	35	24	22	14	21
Quebec	15	14	8	14	17	18	22	15	19	20	17	20	18	17	24
Windsor	17	13	16	14	25	22	29	18	22	18	30	32	28	23	23
Edmonton	16	8	10	9	7	11	7	9	17	12	9	5	16	8	10
Calgary	12	9	7	11	10	12	8	18	15	13	19	17	12	10	19
London	21	12	20	13	13	21	26	16	16	17	19	13	17	8	12
Halifax	9	8	14	10	13	13	17	14	15	14	17	15	17	9	7
Verdun	-	5	1	4	6	6	3	3	4	1	4	3	5	7	3
Regina	11	1	1	5	5	3	8	2	3	8	5	1	5	6	8
Saint John	6	6	1	7	5	5	7	0	11	16	10	6	8	7	6
Saskatoon	3	4	3	2	1	4	5	3	7	1	3	6	2	2	4
Victoria	x	x	8	8	8	2	13	5	8	10	12	4	7	9	2
Three Rivers	x	x	10	6	10	7	15	3	8	10	8	6	9	4	9

/ Preliminary.

x Not tabulated.

Table 7

MOTOR VEHICLE ACCIDENTS, 1945

	Canada	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia
NUMBER OF ACCIDENTS										
Fatal (Resulting in death of one or more persons)		7	72	1/	309	547	55	43	68	108
Non-fatal -										
a. Resulting in injury to one or more persons		64	674	1/	4,529	7,085	1,111	784	638	2,262
b. Resulting in property damage only		126	957	1/	8,495	5,826	2,202	1,527	3,219	4,697
Total Number	46,501	197	1,703	896	13,333	13,458	3,568	2,354	4,125	7,007
PERSONS KILLED										
Pedestrians	624	4	39	32	167	283	27	10	18	44
Motor cyclists (drivers and passengers)	27	-	-	-	5	13	-	-	2	7
Drivers of other motor vehicles	623	1	9	11	52	125	34	18	16	15
Passengers & attendants of other motor vehicles	{	2	25	14	91	133	{	22	16	39
Drivers & other occupants of horse-drawn "	20	-	-	5	15	4	1	-	1	-
Pedal cyclists	87	-	6	5	18	40	3	3	1	11
Other persons	16	-	-	-	-	-	-	1	15	-
Total	1,399	7	79	65	346	598	65	54	69	116
PERSONS INJURED										
Pedestrians	7,327	6	326	199	2,337	2,883	526	124	216	710
Motor cyclists (drivers and passengers).....	603	2	18	-	115	268	23	14	34	129
Drivers of other motor vehicles	5,274	28	149	{ 355	836	1,967	{ 737	326	231	645
Passengers & attendants of other motor vehicles	9,132	30	354	{	2,315	3,917	{	650	506	1,360
Drivers & other occupants of horse-drawn "	531	1	6	-	155	87	21	31	12	18
Pedal cyclists	1,690	3	43	-	434	682	150	51	85	242
Other persons	65	-	-	-	-	-	-	3	58	4
Total	24,422	70	896	554	6,192	9,804	1,457	1,199	1,142	3,108
PROPERTY DAMAGE	\$ 2/4,841,468	17,862	247,509	118,695	1/	2,249,271	278,544	427,542	541,878	960,367
Persons killed as reported in Vital Statistics as at time and place of death (Prel.)	1,521	8	75	88	415	618	66	57	69	125

1/ Not recorded.

2/ Total for provinces reporting.

Table 8 MOTOR VEHICLE ACCIDENTS REPORTED BY URBAN POLICE DEPARTMENTS, (1)
1945

	Persons			Persons	
	Injured	Killed		Injured	Killed
<u>PRINCE EDWARD ISLAND</u>			<u>QUEBEC (Concluded)</u>		
Charlottetown	12	2	Montreal North	3	-
Summerside	5	1	Mount Royal	3	2
Total	17	3	Noranda	-	-
<u>NOVA SCOTIA</u>			Outremont	50	2
Amherst	21	-	Pointe aux Trembles	16	4
Dartmouth	29	3	Pointe Claire	17	3
Glace Bay	37	2	Quebec	285	18
Halifax	272	2	Rimouski	7	-
New Glasgow	3	1	Rivière-du-Loup	-	-
New Waterford	9	1	St. Hyacinthe	13	2
North Sydney	19	2	St. Jean	12	2
Springhill	9	2	St. Jerome	8	1
Stellarton	5	-	St. Joseph d'Alma	3	2
Sydney	50	4	St. Lambert	3	-
Sydney Mines	10	1	St. Laurent	49	2
Westville	2	-	St. Pierre aux Liens	16	-
Yarmouth	8	1	Ste. Thérèse	1	-
Total	474	19	Shawinigan Falls	28	-
<u>NEW BRUNSWICK</u>			Sherbrooke	57	4
Campbellton	10	2	Sorel	20	1
Chatham	4	-	Three Rivers	37	3
Dalhousie	4	-	Val d'Or	6	2
Edmundston	5	-	Valleyfield	24	1
Fredericton	18	4	Verdun	141	3
Moncton	51	4	Victoriaville	3	-
Saint John	188	4	Westmount	61	3
Total	280	14	Total	4,069	145
<u>QUEBEC</u>			<u>ONTARIO</u>		
Arvida	30	2	Barrie	10	1
Asbestos	14	1	Belleville	48	3
Buckingham	3	-	Bowmanville	10	-
Cap de la Madeleine	16	-	Brampton	8	-
Chicoutimi	4	-	Brantford	76	2
Coaticook	37	1	Brockville	23	3
Drummondville	24	1	Carleton Place	5	-
Farnham	7	-	Chatham	61	1
Granby	16	2	Cobourg	-	-
Grand'Mère	5	-	Cornwall	44	-
Hull	108	8	Dundas	11	1
Joliette	12	1	Dunville	2	-
Jonquière	-	2	Eastview	26	4
Kenogami	-	-	Forest Hill	24	1
Lachine	50	1	Fort Erie	3	-
Lachute	4	-	Fort Frances	7	-
La Salle	30	4	Fort William	53	4
Lauzon	9	-	Galt	43	-
Levis	3	-	Gananoque	6	-
La Tuque	4	1	Goderich	2	-
Longueuil	13	-	Guelph	98	1
Magog	11	-	Hamilton	390	23
Matane	7	1	Hawkesbury	12	4
Megantic	-	-	Ingersoll	5	-
Montmagny	6	-	Kenora	10	-
Montreal	2,793	65	Kingston	85	2
			Kitchener	27	3
			Leamington	11	-
			Leaside	14	1

(1) Compiled by the Criminal Statistics Branch.

Table 8
(Concluded)

MOTOR VEHICLE ACCIDENTS REPORTED BY URBAN POLICE DEPARTMENTS, (1)
1945

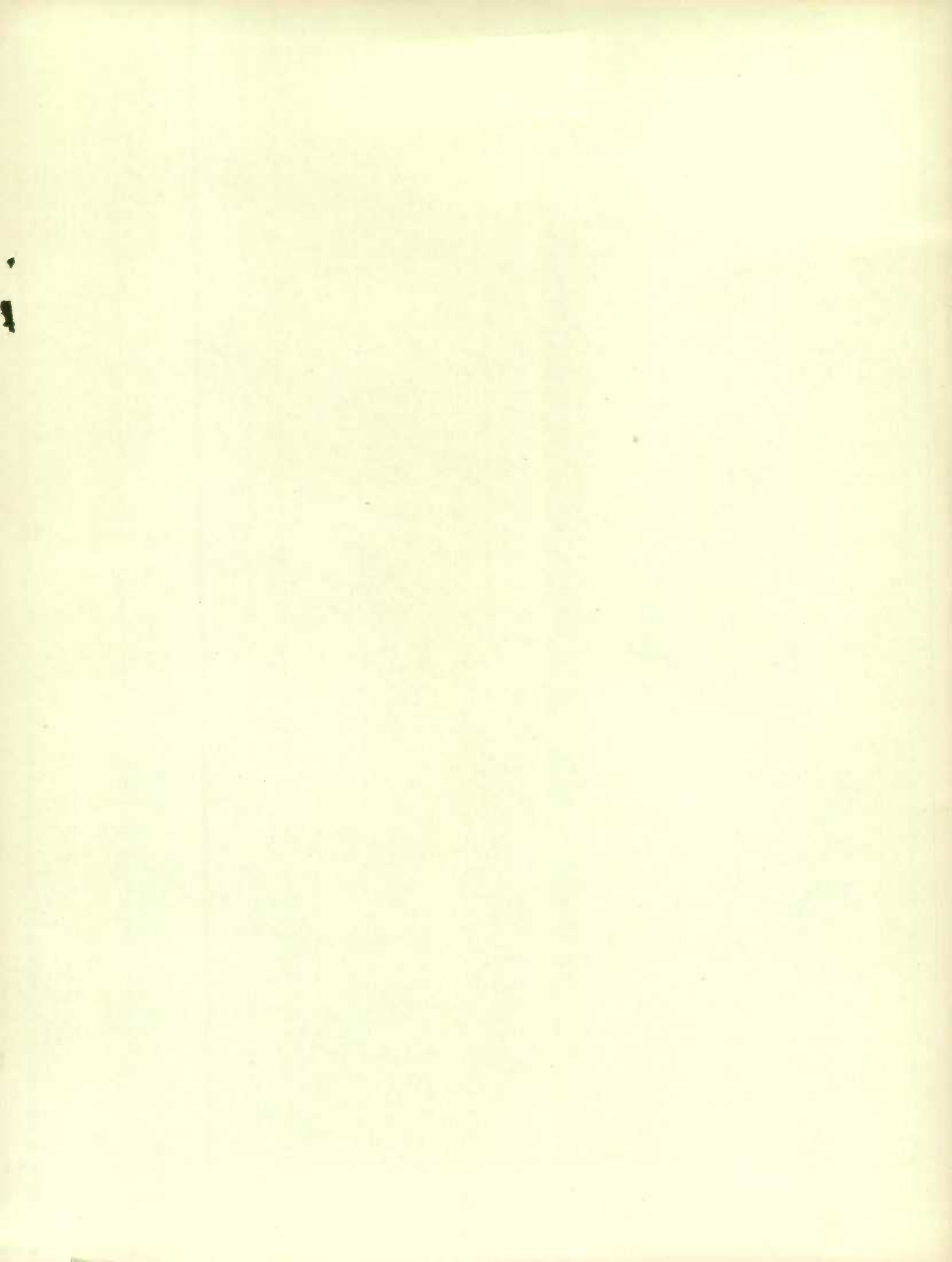
	Persons			Persons	
	Injured	Killed		Injured	Killed
<u>ONTARIO (Concluded)</u>			<u>MANITOBA</u>		
Lindsay	4	1	Brandon	7	-
Long Branch	15	-	Dauphin	4	-
London	349	16	Portage la Prairie	10	1
Midland	6	-	St. Boniface	65	2
Mimico	25	1	Selkirk	2	-
New Toronto	20	2	Transcona	-	1
Newmarket	5	2	Winnipeg	793	17
Niagara Falls	62	-	Total	881	21
North Bay	26	1	<u>SASKATCHEWAN</u>		
Oakville	18	-	Melville	-	-
Orillia	40	2	Moose Jaw	31	1
Oshawa	45	3	North Battleford	18	-
Ottawa	194	17	Prince Albert	17	-
Owen Sound	10	-	Regina	76	6
Parry Sound	6	-	Saskatoon	99	1
Pembroke	31	1	Swift Current	2	1
Penetanguishene	3	1	Weyburn	1	-
Perth	2	-	Yorkton	2	-
Peterborough	110	3	Total	246	9
Port Arthur	48	3	<u>ALBERTA</u>		
Port Colborne	13	1	Calgary	249	13
Port Hope	7	-	Edmonton	185	7
Preston	15	2	Lethbridge	54	1
Renfrew	6	1	Medicine Hat	25	1
Riverside	16	-	Total	513	22
Sarnia	65	2	<u>BRITISH COLUMBIA</u>		
Sault Ste. Marie	79	4	Kamloops	8	-
St. Catharines	63	-	Kelowna	19	1
St. Thomas	12	1	Kimberley	4	-
Simcoe	2	-	Nanaimo	19	-
Smith's Falls	13	-	Nelson	7	-
Stratford	51	-	New Westminster	134	3
Sturgeon Falls	2	1	North Vancouver	51	2
Sudbury	82	3	Port Alberni	3	1
Swansea	14	1	Prince Rupert	4	-
Thorold	7	1	Trail	17	-
Tillsonburg	35	-	Vancouver	1,554	35
Timmins	25	2	Vernon	15	-
Toronto	2,491	73	Victoria	186	5
Trenton	47	1	Total	2,021	47
Wallaceburg	8	2	<u>CANADA</u>		
Waterloo	15	-	Prince Edward Island	17	3
Welland	13	2	Nova Scotia	474	19
Weston	-	-	New Brunswick	280	14
Whitby	9	1	Quebec	4,069	145
Windsor	528	18	Ontario	5,781	223
Woodstock	30	-	Manitoba	881	21
Total	5,781	223	Saskatchewan	246	9
			Alberta	513	22
			British Columbia	2,021	47
			Total	14,282	503

(1) Compiled by the Criminal Statistics Branch.

Table 9

FLYING ACCIDENTS - CIVIL AVIATION

Year	Killed				Injured				Aircraft Miles Flown (Thous.)	Aircraft Hours Operating (Thous.)
	Crew	Passengers	Others	Total	Crew	Passengers	Others	Total		
1931	10	16	1	27	11	7	2	20	7,046	74
1932	8	3	1	12	8	5	-	13	4,569	56
1933	10	12	3	25	8	5	-	13	4,538	53
1934	7	3	2	12	7	2	-	9	6,498	76
1935	6	5	1	12	6	9	-	15	7,522	88
1936	8	8	-	16	11	10	-	21	7,804	102
1937	4	3	-	7	3	4	1	8	10,756	127
1938	10	7	-	17	5	8	-	13	12,294	133
1939	6	8	-	14	3	6	-	9	10,969	146
1940	4	9	-	13	3	6	-	9	11,013	152
1941	10	14	-	24	5	10	-	15	12,508	133
1942	8	12	-	20	4	6	-	10	13,329	118
1943	3	2	3	8	1	3	-	4	15,294	117
1944	2	-	-	2	1	5	-	6	16,189	122
1945	2	2	-	4	4	9	-	13	20,087	153



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