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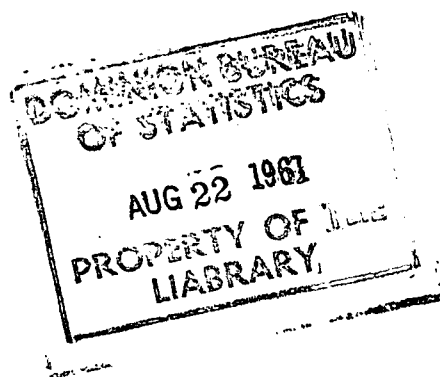
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CANADA

FATAL ACCIDENTS
MORTALITY SUMMARY
1959



DOMINION BUREAU OF STATISTICS
Health and Welfare Division
Vital Statistics Section

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MORTALITY SUMMARY
1959

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INTRODUCTION

This Report summarizes Canada's accident mortality experience for 1959 against a brief historical background and as part of the International Statistical Classification of "Accidents, Poisoning and Violence". Accident mortality is first viewed nationally and internationally as a whole, secondly it is approached through its components in terms of the International Statistical Classification and finally eight major types of fatal accident are highlighted for special attention.

The International Statistical Classification provides a basic division between transport and non-transport accidents as Section VIII of this Report illustrates. An example of this is apparent in the division of drowning accidents (E929) and water transport accidents (E850-E858) which also include drowning; similarly falls in transport fatalities are excluded from falls (E900-E904). Within the transport group, collisions involving more than one kind of transport are classified in the following order of precedence:

Aircraft E860-E866
Watercraft E850-E858
Motor vehicle E810-E835

Railway E800-E802

Street car E840, E841

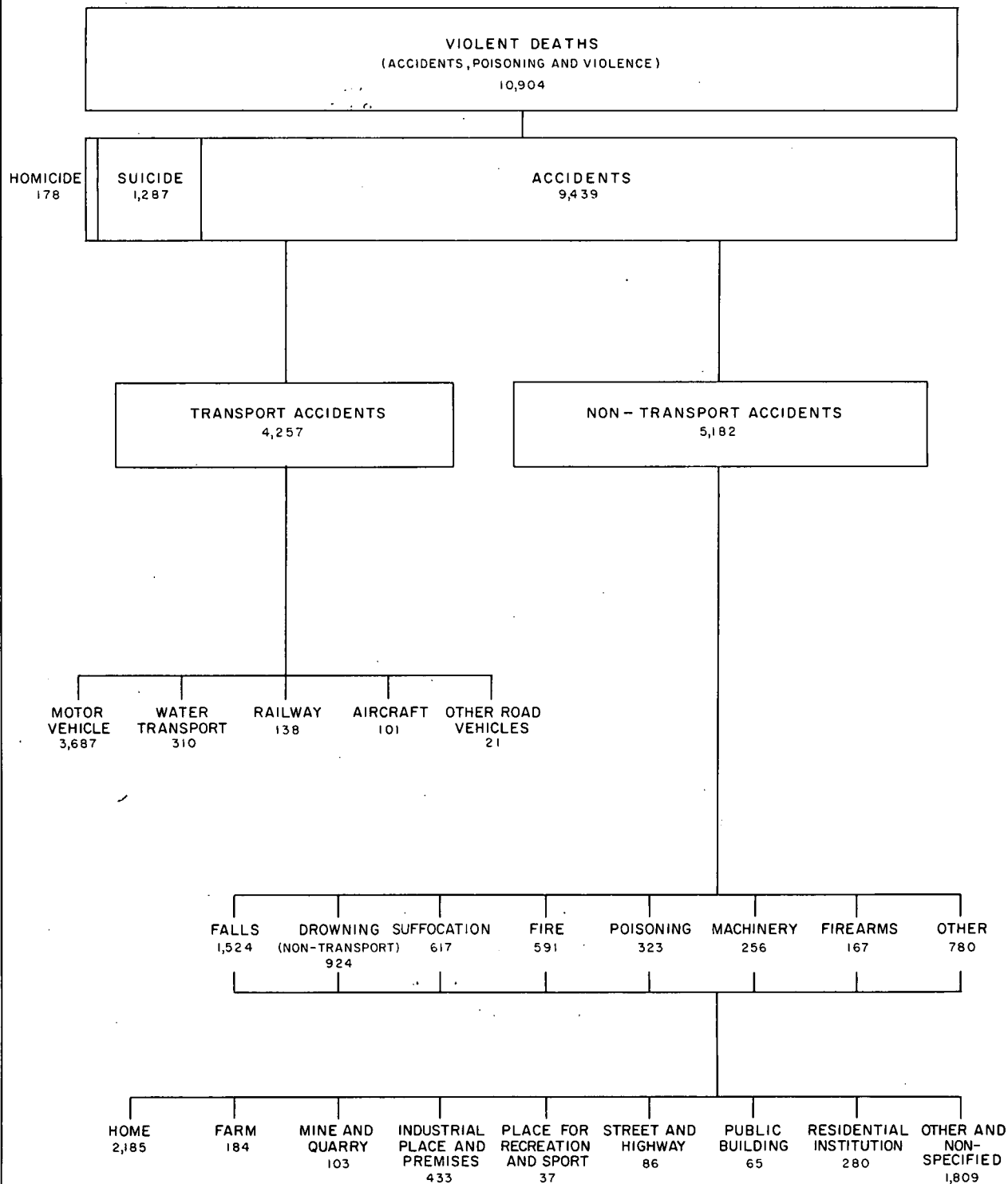
Other road vehicle E844, E845

In the case of "Accidents, Poisonings and Violence", the International Statistical Classification has a dual classification according to external cause (E) and to nature of injury (N). These classifications are independent and for the sake of completeness are presented in their entirety in Sections VII and X of this Report.

The relationship between the major types of fatal accident and the general division between transport and non-transport accidents is illustrated on page 6 of this Report.

The International Statistical Classification has a further important sub-grouping for non-transport accidents (E870-E936) to denote the place where the accident occurred. It will be noted that while in the transport division mortality is dominated by motor vehicle accidents, a similar situation is to be found in non-transport accidents with the home providing the locale for over 42 per cent of non-transport accident fatalities in which the location was specified.

CLASSIFICATION OF VIOLENT DEATHS, 1959



I. ACCIDENTS AS A LEADING CAUSE OF DEATH

Canada has always suffered from one of the world's highest accident fatality rates but the effects were formerly obscured by infective and contagious diseases which caused twice as many deaths. Today, largely as a result of achievements in curative and preventive medicine, there are over five times as many deaths from accidents as from infective and contagious diseases.

Chart IA portrays the mortality rate from accidents against the total mortality background of the years 1926 and 1959. Canada's crude death rate has

been cut by more than 30 per cent in 38 years from 11.6 per 1,000 population in 1921 to 8 in 1959. When the population is standardized on the basis of age and sex the drop is even more significant ranging from a rate of 12.9 per 1,000 population in 1921 to 8.1 in 1959. In marked contrast the accident rate has been relatively stable and the percentage of deaths due to accidents has risen from 4.7 in 1926 to close to 7 in 1959 while the annual loss of life from accidents has risen from 5,063 deaths in 1926 to nearly 9,500 in 1959.

CHART-1a

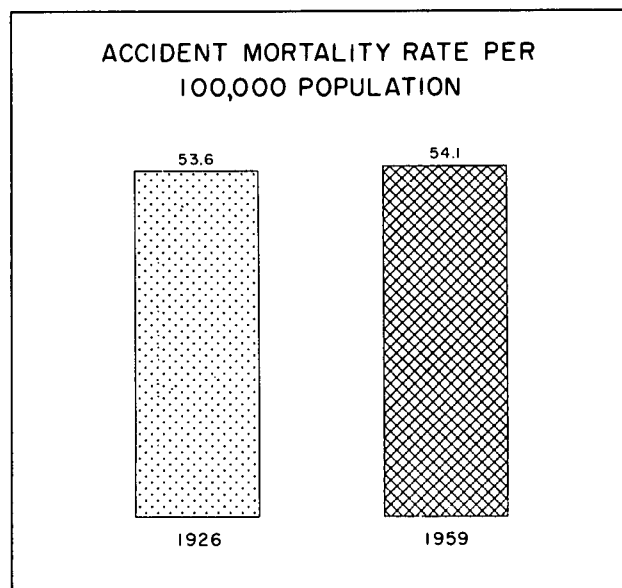
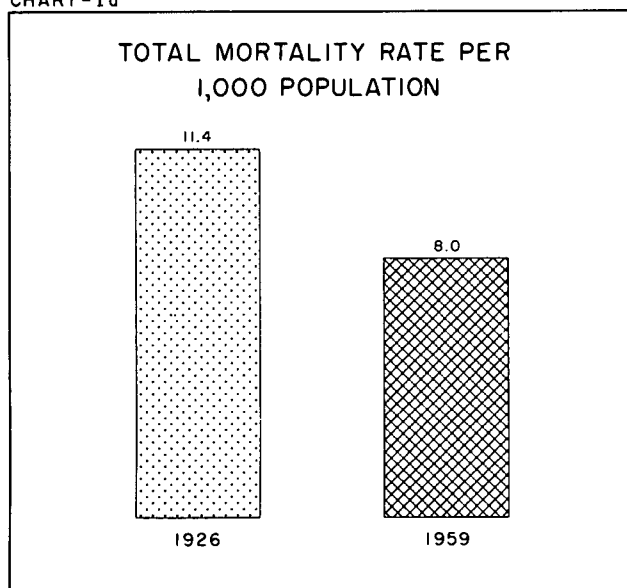


Table IA and Charts IB, C and D illustrate the significance of accidents among the leading causes of death. Among these causes cardiovascular disease ranks first, cancer second and accidents third. However, because of the relatively greater incidence of accidents upon the young, it will be noted that

accidents constitute the principal cause of death if considered in terms of life expectancy or of productive years lost. In terms of working life years lost accidents annually account for over 260,000, compared with about 175,000 for cardiovascular disease and 137,000 for cancer.

TABLE IA. Death Rates from Leading Causes, 1926 - 59
(per 100,000 population)

	Average						Year	
	1926 - 30	1931 - 35	1936 - 40	1941 - 45	1946 - 50	1951 - 55	1958	1959
Cardiovascular disease	218.0	244.7	276.4	340.9	366.1	396.4	385.4	393.1
Cancer	88.0	100.9	113.8	123.3	129.3	128.7	127.8	127.5
Accidents	58.7	52.3	55.8	60.5	58.8	57.4	53.7	54.1
Influenza, bronchitis, pneumonia	134.0	100.6	97.4	69.0	55.2	45.9	43.0	47.2
Diphtheria, whooping cough, measles, scarlet fever	29.1	14.7	13.4	8.7	4.5	2.4	0.8	0.8

CHART-1b

THE FIVE LEADING CAUSES OF DEATH, CANADA, 1959
(RATE PER 100,000 POPULATION)

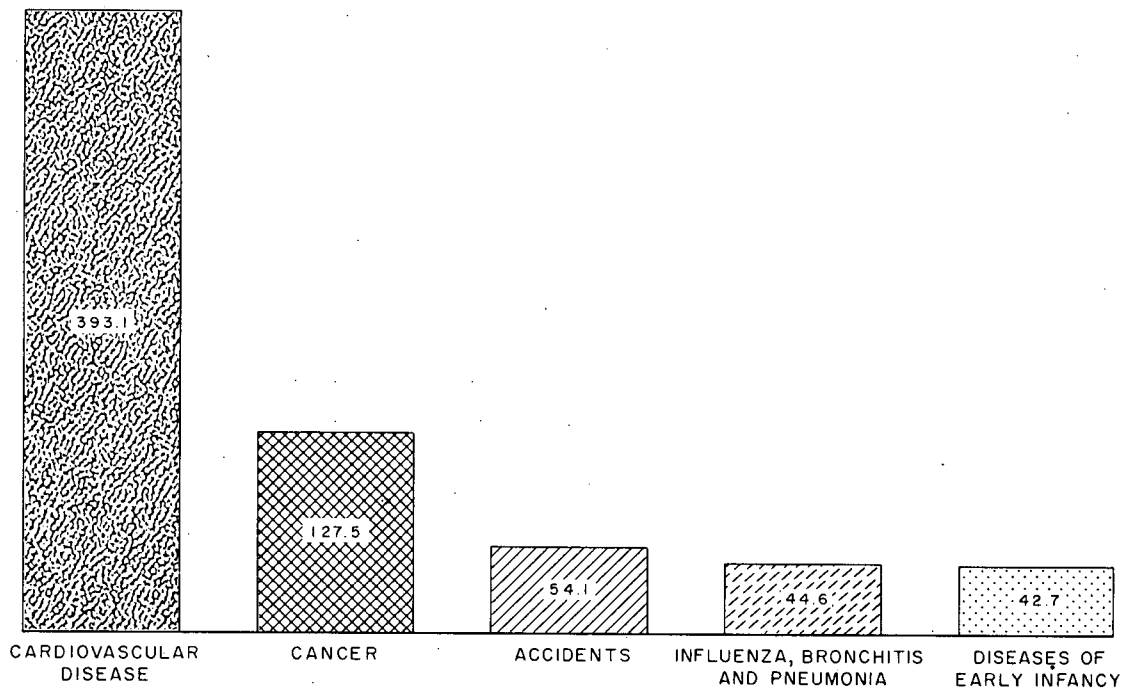


CHART 1c

LEADING CAUSES OF DEATH IN TERMS
OF LIFE YEARS LOST

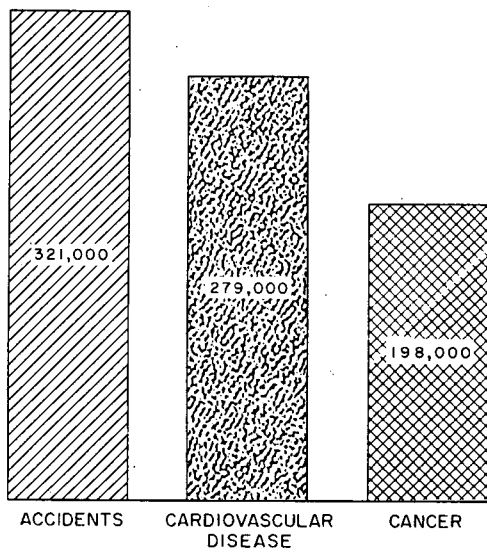
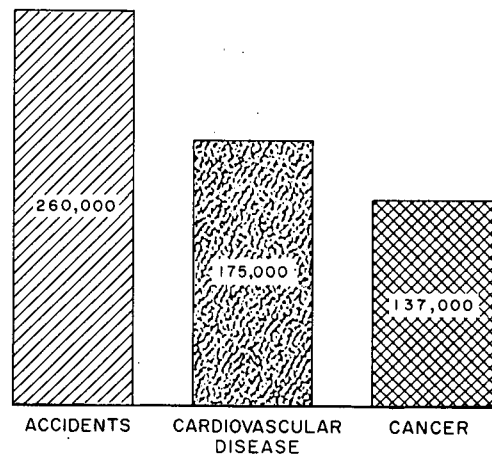


CHART 1d

LEADING CAUSES OF DEATH IN TERMS
OF WORKING LIFE YEARS LOST



II. DEATHS AND RATES FROM ACCIDENTS, 1926-59

Chart IIA and Table IIA summarize the general aspects of accident mortality in comparison with total deaths. While the number of total deaths has increased by 30 per cent from 107,454 in 1926 to just under 140,000 in 1959, accident fatalities have grown from 5,063 to nearly 9,500, an increase of over 86 per cent. Medical progress has been noteworthy in reducing the overall death rate and in

particular the rate for communicable diseases but the accident death rate has not varied greatly over the past four decades. It did, however, increase during the 'twenties, declined with the depressed economic conditions of the 'thirties and has had a tendency to rise during the war and in periods of high economic activity.

CHART-IIa

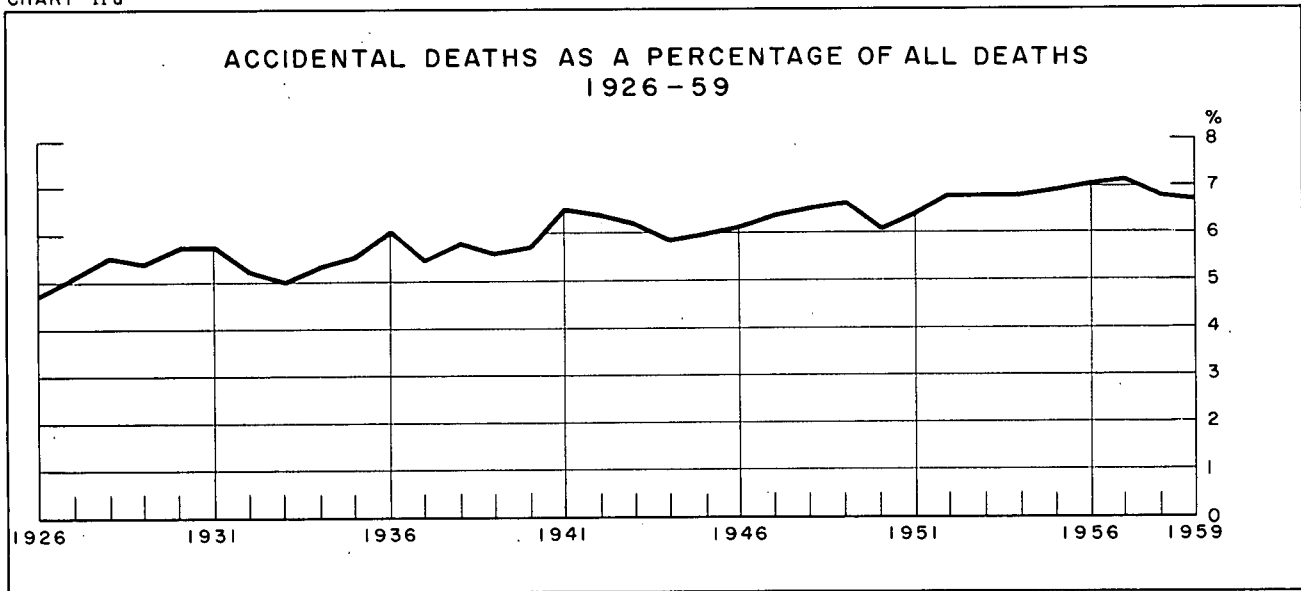


TABLE IIA. All Deaths and Accidental Deaths, Canada, 1926-59

	Total deaths	Deaths from accidents	Per cent accidents of total	Rate per 100,000 population
1926 ¹	107,454	5,063	4.7	53.6
1927	105,458	5,392	5.1	56.0
1928	109,470	6,033	5.5	61.3
1929	113,737	6,149	5.4	61.3
1930	109,581	6,276	5.7	61.5
1931	104,689	5,986	5.7	57.7
1932	104,561	5,481	5.2	52.2
1933	102,156	5,147	5.0	48.4
1934	101,784	5,411	5.3	50.4
1935	105,811	5,837	5.5	53.8

See footnote at end of table.

TABLE II A. All Deaths and Accidental Deaths, Canada, 1926-59 - Concluded

	Total deaths	Deaths from accidents	Per cent accidents of total	Rate per 100,000 population
1936	107,309	6,403	6.0	58.5
1937	114,052	6,255	5.5	56.6
1938	107,061	6,163	5.8	55.3
1939	109,227	6,095	5.6	54.1
1940	111,170	6,331	5.7	55.6
1941	115,013	7,436	6.5	64.6
1942	113,308	7,230	6.4	62.0
1943	119,059	7,439	6.2	63.1
1944	116,501	6,883	5.9	57.6
1945	113,979	6,888	6.0	57.1
1946	115,358	7,063	6.1	57.5
1947	118,178	7,546	6.4	60.1
1948	119,866	7,824	6.5	61.0
1949 ²	124,567	8,244	6.6	61.3
1950	124,220	7,607	6.1	55.5
1951	125,823	8,083	6.4	57.7
1952	126,385	8,592	6.8	59.4
1953	127,791	8,686	6.8	58.5
1954	124,855	8,445	6.8	55.2
1955	128,476	8,850	6.9	56.4
1956	131,961	9,271	7.0	57.7
1957	136,579	9,655	7.1	58.2
1958	135,201	9,157	6.8	53.7
1959	139,913	9,439	6.7	54.1

¹ 1926 excludes Yukon and Northwest Territories.

² Newfoundland included in 1949 and following years.

III. ACCIDENTS BY AGE AND SEX, 1959

Canada's overall accident mortality rate of 54.1 per 100,000 population averages two widely varying sex rates, one of 77.4 for males compared with only 30.2 for females. The very highest rates of fatal accidents occur at the two extremes of life - during infancy and old age - with the lowest experienced at the school ages. There has been very little change in the distribution of accidents since 1926 with the following exceptions: there has been an increase in accidents for persons over 80; there has been a shift from middle life down to the early 20's and 30's and a decrease among 10-14 year olds.

Accidents comprise the leading cause of death for males in the age groups between 1 and 44 years. In the age bracket 5-19 both males and females report accidents as the leading mortality factor while in the 20-44 year age bracket men report accidents in first position but for women accidents are in third place having been superseded by cancer in first position and cardiovascular disease in second place. Charts IIIA, B and C and Table IIIA summarize the distribution of accidents by age and sex in 1959.

CHART-IIIa

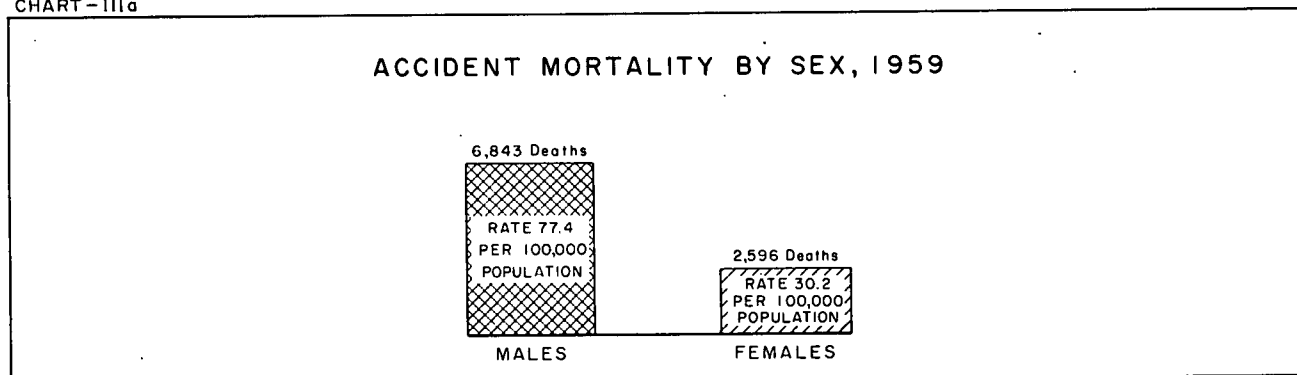


CHART-IIIb

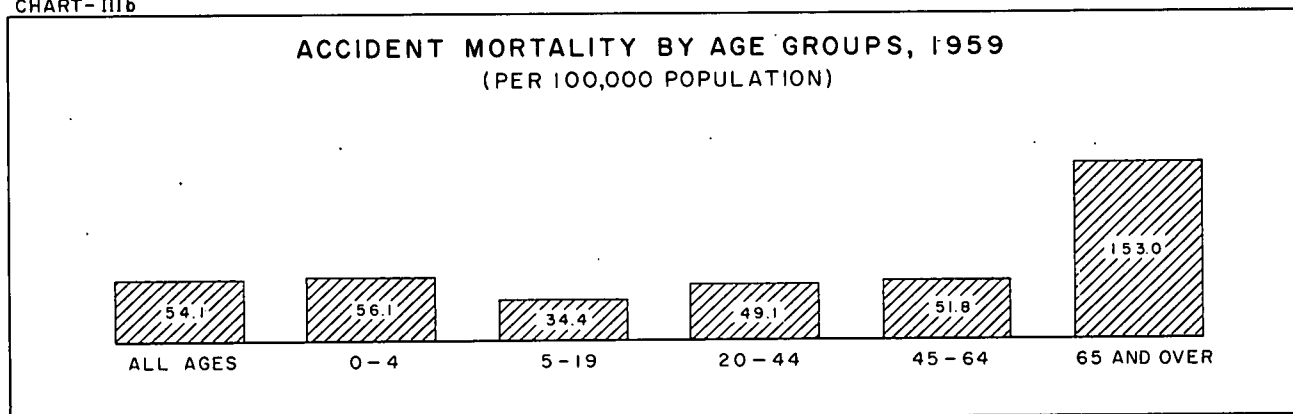
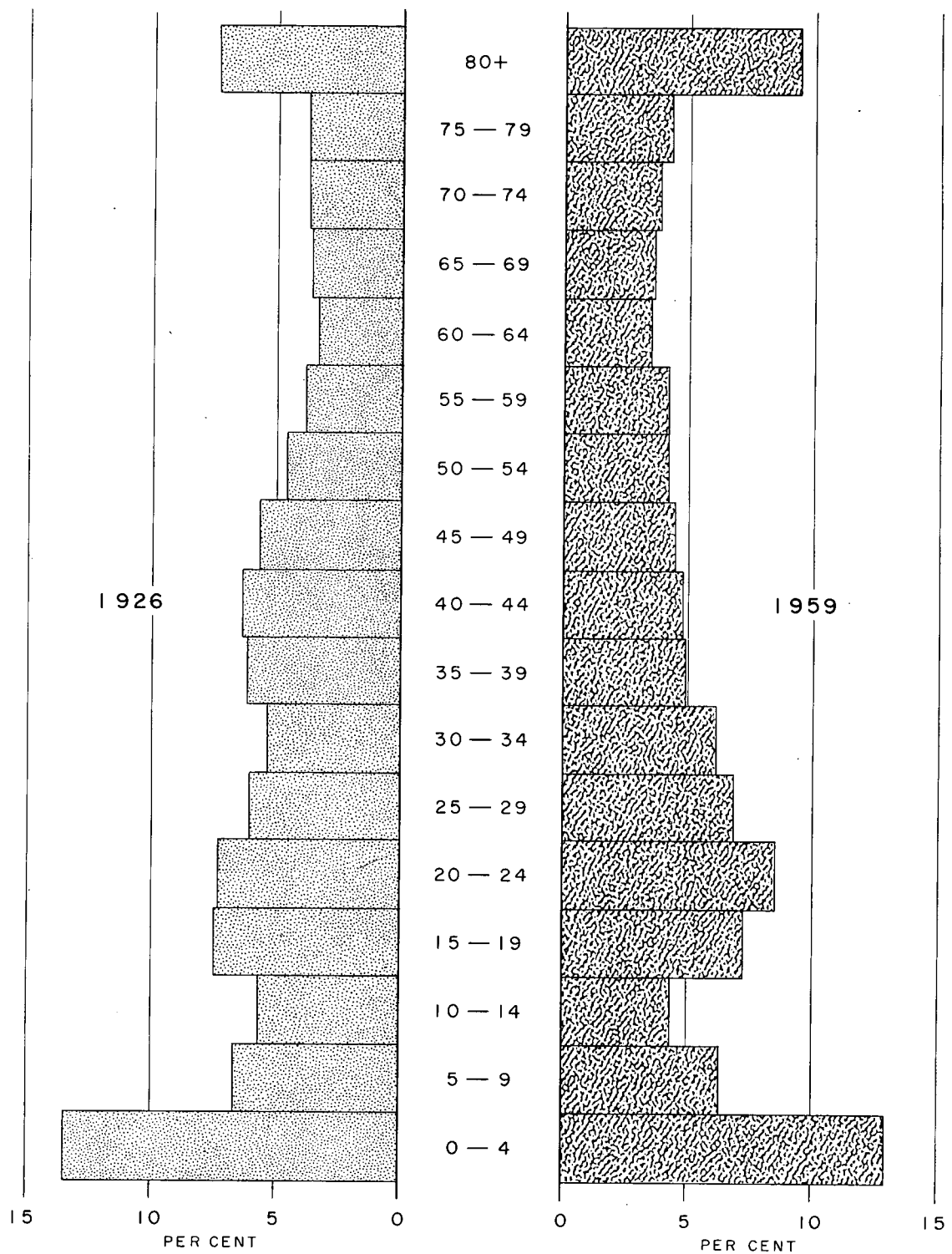


TABLE IIIA. Distribution of Accidental Deaths by Age and Sex, 1959

	Number			Percentage			Rate per 100,000 population		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
All ages	9,439	6,843	2,596	100.0	100.0	100.0	54.1	77.4	30.2
Under 1	559	347	212	5.9	5.1	8.2	124.2	150.7	96.5
1-4	669	358	311	7.1	5.2	12.0	38.5	40.3	36.6
5-9	598	401	197	6.4	5.9	7.6	30.4	40.1	20.4
10-14	417	308	109	4.4	4.5	4.2	25.0	36.2	13.4
15-19	688	559	129	7.3	8.2	5.0	52.2	83.5	19.9
20-24	797	709	88	8.5	10.4	3.4	66.5	117.0	14.9
25-29	648	559	89	6.9	8.2	3.4	53.1	89.2	15.0
30-34	577	496	81	6.1	7.2	3.1	45.5	77.6	12.8
35-39	464	377	87	4.9	5.5	3.4	38.7	63.3	14.4
40-44	454	380	74	4.8	5.6	2.8	41.5	68.9	13.6
45-49	425	344	81	4.5	5.0	3.1	43.9	69.3	17.2
50-54	400	323	77	4.2	4.7	3.0	49.6	77.3	19.8
55-59	400	316	84	4.2	4.6	3.2	59.0	91.1	25.4
60-64	332	254	78	3.5	3.7	3.0	59.7	91.6	28.0
65-69	339	232	107	3.6	3.4	4.1	72.5	99.4	45.6
70-74	365	237	128	3.9	3.5	4.9	93.9	123.1	65.3
75-79	408	235	173	4.3	3.4	6.7	157.6	185.3	131.0
80-84	389	195	194	4.1	2.8	7.5	296.0	314.0	279.9
85 and over	507	210	297	5.4	3.1	11.4	748.9	714.3	775.5
Not stated	3	3	-	...	...	...	...	...	...

CHART-IIIc

AGE DISTRIBUTION OF FATAL ACCIDENTS 1926 AND 1959



IV. ACCIDENTS BY GEOGRAPHIC REGION, 1959

There is considerable variation in death rates from accidents between different regions and between different areas of population density.

Of Canada's 9,439 fatal accidents in 1959, Ontario accounted for 3,211, Quebec 2,548 and British Columbia 1,029. These three provinces were responsible for almost 72 per cent of all accidents. In 1959 accident rates varied from highs of 65.5 per

100,000 population in British Columbia and 62.9 in New Brunswick to a low of 49.2 in Manitoba and Saskatchewan.

Between 1958 and 1959 the accident death rate increased in every province with the exception of Nova Scotia and Alberta. In British Columbia there was an increase from 62.1 per 100,000 population to 65.5 while the Manitoba rate jumped from 45.9 to 49.2.

CHART-IV a

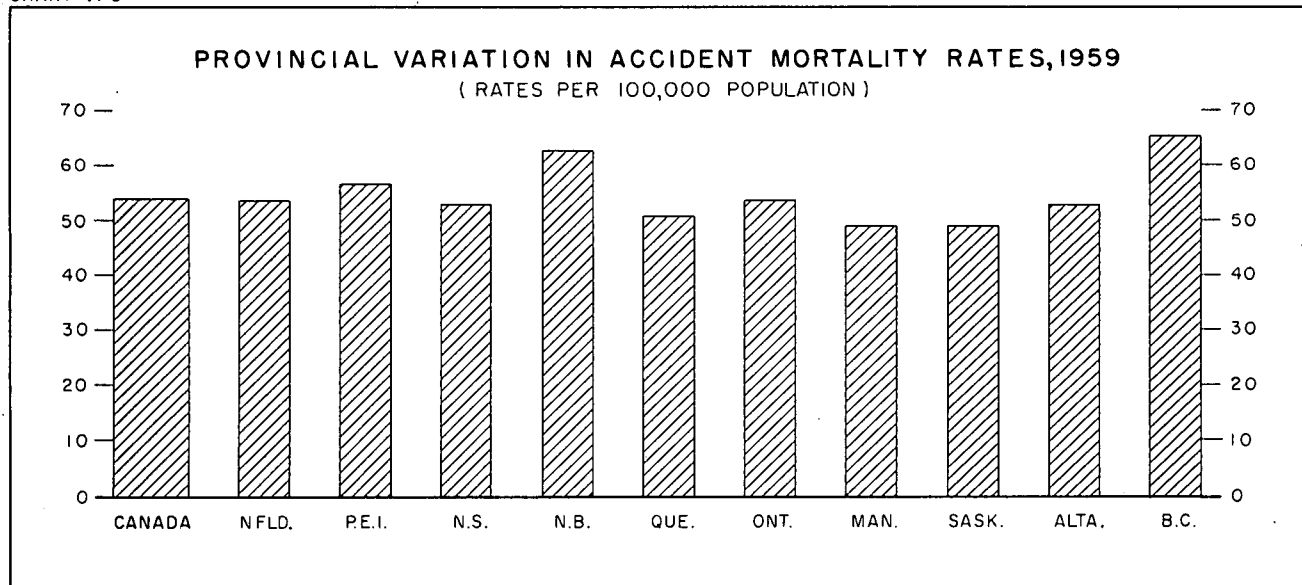


TABLE IV A. Mortality from Accidents by Province and Territories, 1959

	Deaths			Rates per 100,000 population		
	Both sexes	Males	Females	Both sexes	Males	Females
Canada	9,439	6,843	2,596	54.1	77.4	30.2
Newfoundland	242	168	74	53.9	72.2	34.2
Prince Edward Island	58	42	16	56.9	81.4	31.7
Nova Scotia	380	265	115	53.1	72.6	32.8
New Brunswick	371	289	82	62.9	97.1	28.0
Quebec	2,548	1,916	632	51.0	76.4	25.4
Ontario	3,211	2,230	981	53.9	74.3	33.2
Manitoba	435	300	135	49.2	66.7	31.0
Saskatchewan	444	326	118	49.2	69.8	27.1
Alberta	659	500	159	53.0	77.4	26.6
British Columbia	1,029	757	272	65.5	93.7	35.7
Yukon	20	19	1	153.8	260.3	17.5
Northwest Territories	42	31	11	200.0	258.3	122.2

V. SEASONAL DISTRIBUTION OF FATAL ACCIDENTS, 1959

Fatal accidents in Canada showed a monthly range in 1959 from a low of 559 in February to a high of 1,165 in July. The summer is particularly hazardous with over 900 accidental deaths in each of the months of June, July and August. During

this quarter of the year there were 3,010 fatal accidents or nearly one-third of the annual total of 9,439. July accounted for the highest accident fatalities for both sexes, 867 for males and 298 for females.

CHART - Va

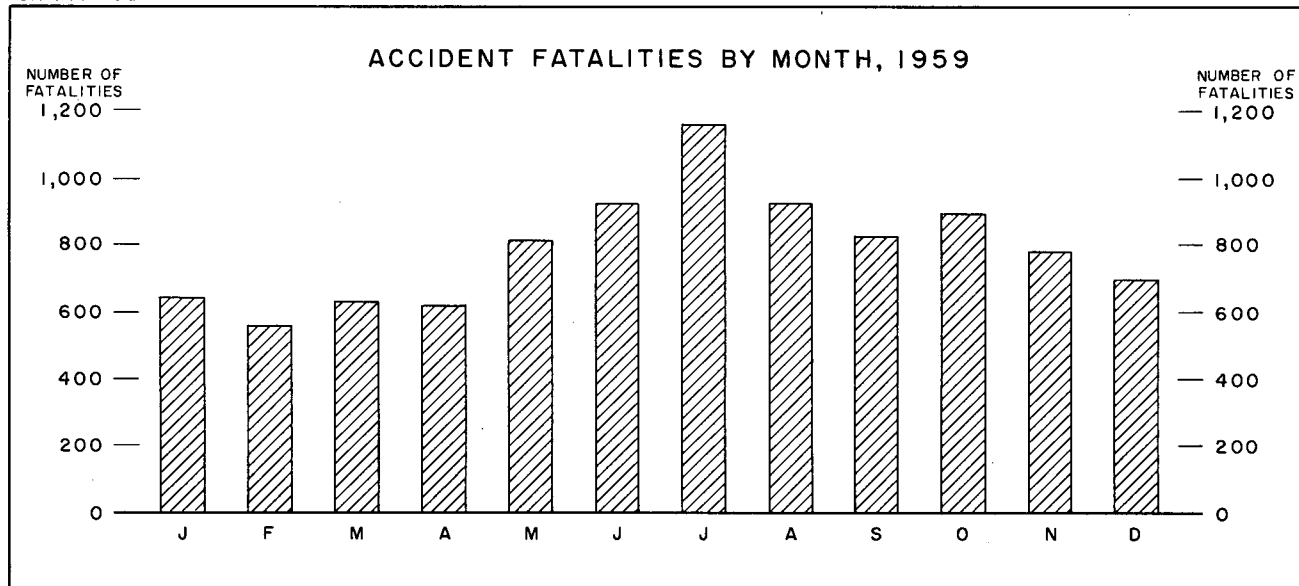


TABLE V A. Seasonal Pattern of Accidental Deaths, 1959

Month	Both sexes	Per cent of total	Males	Females
January	640	6.8	440	200
February	559	5.9	370	189
March	625	6.6	446	179
April	613	6.5	417	196
May	810	8.6	605	205
June	922	9.8	705	217
July	1,165	12.3	867	298
August	923	9.8	674	249
September	819	8.7	608	211
October	889	9.4	651	238
November	781	8.3	577	204
December	693	7.3	483	210
Annual totals	9,439	100.0	6,843	2,596

VI. INTERNATIONAL COMPARISON OF ACCIDENT RATES

An international comparison of fatal accidents brings out some salient features of Canadian mortality. Table VIA reveals the unfortunate international position of Canada in this regard, showing this country to be among these with the very highest accident rates. Because of motor-vehicle accidents Canada has one of the very highest transport accident rates but even in non-transport accidents is surpassed only by some half dozen countries.

It has been said that the more "civilized" a country happens to be, the higher is its accident rate. This applies to both transportation and other accidents. It should also be noted that males are notoriously more addicted to accidents than females; although this is universal there are interesting variations from one country to another. While Canadian men have the second highest fatal accident rate in the world, the fatal accident rate among women is lower than in a number of other countries.

TABLE VIA. International Comparison of Mortality From Accidents

Country	Rate per 100,000 population
Australia	51.6
Austria	69.9
Canada	54.1
Ceylon	30.5
Denmark	44.5
England and Wales	37.5
Finland	46.9
France	58.6
German Federal Republic	57.9
Italy	39.4
Japan	38.7
Netherlands	34.3
New Zealand	40.5
Northern Ireland	31.6
Norway	47.0
Scotland	45.6
Sweden	38.8
Switzerland	59.4
United States	55.9

Note: 1959 or latest year available.

VII. Accidents, Poisonings and Violence listed by External Cause of Death in Accordance with the International Statistical Classification

Int'l List No.	Cause of death		1956	1957	1958	1959
(E800- E999)	Accidents, poisonings and violence	T. M. F.	10,685 7,725 2,960	11,085 8,133 2,952	10,631 7,831 2,800	10,904 7,983 2,921
(E800- E962)	Accidents	T. M. F.	9,271 6,662 2,609	9,655 7,035 2,620	9,157 6,690 2,467	9,439 6,843 2,596
	Railway accidents (E800 - E802)	M. F.	164 23	132 18	124 20	114 24
E800	Involving railroad employee	M. F.	72 —	37 —	45 —	43 —
E801	Involving passenger	M. F.	4 2	1 —	5 —	2 5
E802	Involving other and unspecified person	M. F.	88 21	94 18	74 20	69 19
	Motor vehicle traffic accidents (E810 - E825)	M. F.	2,637 854	2,749 830	2,611 834	2,666 933
E810	Involving collision with railway train	M. F.	162 43	148 40	150 41	127 46
E811	Involving collision with street car	M. F.	3 —	4 —	1 —	— —
E812	To pedestrian	M. F.	804 348	847 308	807 298	772 367
E813	To pedal cyclist	M. F.	53 4	61 9	66 8	72 14
E814	To rider or passenger of motorcycle, in collision with non- motor vehicle or object.	M. F.	5 —	5 —	3 —	3 —
E815	To rider or passenger of motorcycle in collision with other motor vehicle.	M. F.	43 3	36 4	19 1	42 4
E816	Other, — involving two or more motor vehicles	M. F.	734 283	759 275	736 312	750 312
E817	To occupant of motor vehicle in collision with pedestrian or pedal cycle.	M. F.	2 —	— —	1 —	1 —
E818	Involving collision with animal or animal-drawn vehicle	M. F.	11 2	6 1	3 1	4 —
E819	Involving collision with fixed or unspecified object	M. F.	39 12	62 14	40 4	55 13
E820	While boarding and alighting	M. F.	— —	— 2	2 —	1 —
E821	To rider of motorcycle without antecedent collision	M. F.	18 1	17 1	21 3	19 1
E822	Involving overturning in roadway	M. F.	123 26	160 28	126 20	152 19
E823	Involving running off roadway	M. F.	547 106	509 99	506 106	535 123
E824	Other non-collision motor vehicle traffic accident	M. F.	46 16	60 20	49 15	54 17
E825	Motor vehicle traffic accident of unspecified nature	M. F.	47 10	75 29	81 25	79 17

VII. Accidents, Poisonings and Violence listed by External Cause of Death in accordance with the International Statistical Classification - Continued

Int'l List No.	Cause of death	1956	1957	1958	1959
	Motor vehicle non-traffic accidents (E830-E835)				
	M. 52 93 54 65				
	F. 16 22 18 23				
E830	To pedestrian	35 59 37 47			
	F. 11 17 16 21				
E831	To pedal cyclist	1 - - -			
	F. - - - -				
E832	To rider or passenger of motorcycle	- - 1 -			
	F. - - - -				
E833	Other, - involving two or more motor vehicles	- 4 2 1			
	F. - - - -				
E834	While boarding and alighting	2 1 - 1			
	F. - 1 1 1				
E835	Other and unspecified nature	14 29 14 16			
	F. 5 4 1 1				
	Other road vehicle accidents (E840-E845)				
	M. 43 41 31 17				
	F. 17 9 7 4				
E840	Street car accident to pedestrian	6 11 2 2			
	F. 8 3 3 2				
E841	Other street car accident, except collision with motor vehicle.	- 1 - -			
	F. 1 - - -				
E842	Accident to pedestrian caused by pedal cycle	2 - 4 3			
	F. 1 - 1 -				
E843	Accident to rider of pedal cycle not involving collision with motor vehicle.	7 8 9 6			
	F. 3 1 1 -				
E844	Accident to pedestrian caused by other non-motor road vehicle.	6 2 1 2			
	F. 2 - 1 -				
E845	Other non-motor road vehicle accidents	22 19 15 4			
	F. 2 5 1 2				
	Water transport accidents (E850-E858)				
	M. 268 295 299 286				
	F. 19 31 23 24				
E850	Submersion of occupant of small boat	221 253 248 247			
	F. 16 26 20 22				
E851	Other water transport injury by submersion	34 31 33 26			
	F. 2 3 1 2				
E852	Fall on stairs and ladders in water transport	- 2 - 1			
	F. 1 - 1 -				
E853	Other falls from one level to another in water transport	3 2 5 4			
	F. - - - -				
E854	Falls on same level in water transport	- - - -			
	F. - - - -				
E855	Unspecified falls in water transport	1 - - -			
	F. - - - -				
E856	Machinery accident in water transport	2 - 2 1			
	F. - - 1 -				
E857	Other specified accidents in water transport	7 7 9 6			
	F. - 2 - -				
E858	Water transport accident of unspecified cause	- - 2 1			
	F. - - - -				

VII. Accidents, Poisonings and Violence listed by External Cause of Death in accordance with the International Statistical Classification - Continued

Int'l List No.	Cause of death	1956	1957	1958	1959
	Aircraft accidents (E860-E866)	96	154	71	91
	F.	19	52	6	10
E860	Accident to personnel in military aircraft	43	41	23	13
	F.	—	—	—	—
E861	Injury to occupant by accident to commercial "transport" aircraft.	22	66	13	3
	F.	6	50	—	2
E862	Other injury in commercial "transport" aircraft	—	1	1	—
	F.	—	—	1	—
E863	Injury to occupant by accident to other specified aircraft ..	11	22	8	19
	F.	1	1	—	1
E864	Aircraft accident at airfield to person not in aircraft	3	3	1	2
	F.	—	—	—	—
E865	Aircraft accident elsewhere to person not in aircraft	1	—	1	—
	F.	11	—	—	—
E866	Other and unspecified aircraft accidents	16	21	24	54
	F.	1	1	5	7
	Accidental poisoning by solid and liquid substances (E870-M. E888).	98	94	95	106
	F.	62	70	58	84
E870	By morphine and other opium derivatives	2	3	2	4
	F.	2	—	2	2
E871	By barbituric acid and derivatives	23	12	13	24
	F.	27	31	21	36
E872	By aspirin and salicylates	9	13	18	7
	F.	8	10	9	11
E873	By bromides	—	—	—	—
	F.	1	1	—	—
E874	By other analgesic and soporific drugs	6	4	2	—
	F.	3	4	4	3
E875	By sulphonamides	—	—	—	1
	F.	—	—	—	—
E876	By strychnine	1	—	—	1
	F.	2	2	2	1
E877	By belladonna, hyoscine, and atropine	1	—	—	—
	F.	—	—	—	—
E878	By other and unspecified drugs	2	5	5	2
	F.	2	1	1	3
E879	By noxious foodstuffs	1	3	1	3
	F.	1	2	—	3
E880	By alcohol	28	27	35	35
	F.	6	10	13	11
E881	By petroleum products	3	—	3	3
	F.	2	—	—	1
E882	By industrial solvents	3	6	2	2
	F.	2	—	1	4
E883	By corrosive aromatics, acids, and caustic alkalis	6	8	5	7
	F.	1	2	2	4
E884	By mercury and its compounds	—	—	—	1
	F.	—	—	—	—
E885	By lead and its compounds	—	—	—	1
	F.	—	1	—	—
E886	By arsenic and antimony, and their compounds	—	—	—	3
	F.	1	—	—	—
E887	By fluorides	—	—	—	—
	F.	1	—	—	—
E888	By other and unspecified solid and liquid substances	13	13	9	12
	F.	3	6	3	5

VII. Accidents, Poisonings and Violence listed by External Cause of Death in accordance with the International Statistical Classification - Continued

Int'l List No.	Cause of death	1956	1957	1958	1959
	Accident poisoning by gases and vapours (E890-E895)	120	114	86	103
	F.	48	35	21	30
E890	By utility (illuminating) gas	45	36	21	27
	F.	36	19	8	7
E891	By motor vehicle exhaust gas	52	59	38	58
	F.	10	10	9	19
E892	By other carbon monoxide gas	9	12	14	15
	F.	2	3	1	4
E893	By cyanide gas	—	—	—	—
	F.	—	—	—	—
E894	By other specified gases and vapours	10	6	12	3
	F.	—	3	3	—
E895	By unspecified gases and vapours	4	1	1	—
	F.	—	—	—	—
	Accidental falls (E900-E904)	775	816	803	816
	F.	807	753	742	708
E900	Fall on stairs	124	134	146	123
	F.	109	88	92	88
E901	Fall from ladders	18	21	10	23
	F.	2	2	1	3
E902	Other falls from one level to another	278	259	232	249
	F.	129	122	113	124
E903	Fall on same level	159	212	237	218
	F.	273	247	336	288
E904	Unspecified falls	196	190	178	203
	F.	294	294	200	205
	Other accidents (E910-E936)	2,378	2,504	2,474	2,536
	F.	704	771	718	736
E910	Blow from falling or projected object or missile	241	235	279	261
	F.	6	8	4	5
E911	Accident caused by vehicle	29	13	17	21
	F.	—	—	—	—
E912	“ “ “ machinery	244	228	212	245
	F.	10	15	8	11
E913	“ “ “ cutting and piercing instruments	10	12	17	12
	F.	2	2	1	4
E914	“ “ “ electric current	71	96	83	79
	F.	4	5	3	3
E915	“ “ “ explosion of pressure vessel	1	6	3	6
	F.	1	—	—	1
E916	“ “ “ fire and explosion of combustible material.	393	370	325	348
	F.	235	257	237	243
E917	“ “ “ hot substance, corrosive liquid, and steam.	32	28	28	34
	F.	30	25	23	20
E918	“ “ “ radiation	—	—	—	—
	F.	—	—	—	—
E919	“ “ “ firearm	149	158	158	154
	F.	14	8	12	13

VII. Accidents, Poisonings and Violence listed by External Cause of Death in accordance with the International Statistical Classification - Continued

Int'l List No.	Cause of death	1956	1957	1958	1959
Other accidents (E910-E936) - Concluded:					
E921	Inhalation and ingestion of food causing obstruction or suffocation. M. F.	155 135	226 163	207 155	244 156
E922	Inhalation and ingestion of other object causing obstruction or suffocation. M. F.	19 12	14 10	21 12	12 4
E923	Foreign body entering other orifice M. F.	8 2	10 4	7 3	8 7
E924	Accidental mechanical suffocation in bed and cradle M. F.	90 63	81 63	93 60	97 51
E925	Accidental mechanical suffocation in other and unspecified circumstances. M. F.	43 7	55 8	37 4	43 10
E926	Lack of care of infants under 1 year of age M. F.	4 5	2 5	2 3	1 6
E927	Accidents caused by bites and stings of venomous animals and insects. M. F.	- 3	1 -	- -	2 -
E928	Other accidents caused by animals M. F.	28 3	22 3	18 6	20 4
E929	Accidental drowning and submersion M. F.	672 111	777 140	797 138	771 153
E930	High and low air pressure M. F.	- -	- -	4 -	- -
E931	Excessive heat and insolation M. F.	4 3	3 6	3 1	7 2
E932	Excessive cold M. F.	41 18	47 14	33 18	63 12
E933	Hunger, thirst, and exposure M. F.	9 6	7 7	24 7	10 4
E934	Cataclysm M. F.	6 3	4 2	5 1	1 1
E935	Lightning M. F.	12 5	9 1	7 1	13 -
E936	Other and unspecified accidents M. F.	117 26	100 25	94 21	84 26
Complications due to non-therapeutic medical and surgical procedures (E940-E946).					
E940	Generalized vaccinia following vaccination M. F.	1 3	2 -	- -	1 -
E941	Postvaccinal encephalitis M. F.	- 1	- -	2 -	- -
E942	Other complications of smallpox vaccination M. F.	- 1	1 -	- -	- -
E944	Other complications of prophylactic inoculation M. F.	1 3	- 1	- -	- -
E945	Complications anaesthesia for non-therapeutic purpose M. F.	- 1	- 1	1 -	- -
E946	Other complications due to non-therapeutic medical and surgical procedures. M. F.	- 1	- -	- -	- -

VII. Accidents, Poisonings and Violence listed by External Cause of Death in accordance with the International Statistical Classification - Continued

Int'l List No.	Cause of death	1956	1957	1958	1959
	Therapeutic misadventure and late complications of therapeutic procedures (E950 - E959).	2	1	1	3
	M. F.	1	2	3	1
E950	Therapeutic misadventure in surgical treatment	—	—	—	—
	M. F.	—	—	—	—
E951	Therapeutic misadventure in infusion or transfusion	1	—	1	—
	M. F.	1	—	—	—
E952	Therapeutic misadventure in local applications	—	—	—	—
	M. F.	—	—	—	—
E953	Therapeutic misadventure in administration of drugs or biologicals.	—	1	—	1
	M. F.	—	—	—	—
E954	Therapeutic misadventure in anaesthesia	—	—	—	1
	M. F.	—	1	1	—
E955	Other and unspecified therapeutic misadventure	1	—	—	—
	M. F.	—	1	1	—
E958	Late complication of irradiation	—	—	—	—
	M. F.	—	—	1	—
E959	Late complication of other forms of treatment	—	—	—	1
	M. F.	—	—	—	1
	Late effects of injury and poisoning (E960 - E965)	34	50	40	42
	M. F.	33	26	17	19
E960	Late effect of motor vehicle accident	4	9	4	10
	M. F.	4	5	4	3
E961	Late effect of accidental poisoning	—	—	1	—
	M. F.	—	—	2	—
E962	Late effect of other accidental injury	23	30	33	29
	M. F.	28	20	11	16
E963	Late effect of self-inflicted injury	—	—	—	—
	M. F.	—	1	—	—
E964	Late effect of injury purposely inflicted by another person (not in war).	—	—	—	—
	M. F.	1	—	—	—
E965	Late effects of injuries due to war operations	7	11	2	3
	M. F.	—	—	—	—
	Suicide and self-inflicted injury (E970 - E979)	952	981	1,022	1,017
	M. F.	274	265	249	270
E970	Poisoning by analgesic and soporific substances	28	31	41	49
	M. F.	47	52	43	70
E971	Poisoning by other solid and liquid substances	25	28	34	41
	M. F.	21	20	22	20
E972	Poisoning by gases in domestic use	27	10	5	3
	M. F.	26	9	4	—
E973	Poisoning by other gases	69	80	91	88
	M. F.	5	11	10	7
E974	By hanging and strangulation	282	277	267	254
	M. F.	61	55	59	63
E975	By submersion (drowning)	69	84	82	72
	M. F.	59	46	47	49

VII. Accidents, Poisonings and Violence listed by External Cause of Death in accordance with the International Statistical Classification - Concluded

Int'l List No.	Cause of death	1956	1957	1958	1959
	Suicide and self-inflicted injury (E970-E979) - Concluded:				
E976	By firearms and explosives M. F.	372 17	397 30	411 33	433 30
E977	By cutting and piercing instruments M. F.	31 9	33 14	35 9	34 4
E978	By jumping from high place M. F.	24 20	32 18	40 16	27 10
E979	By other and unspecified means M. F.	25 9	9 10	16 6	16 17
	Homicide and injury purposely inflicted by other persons (not M. in war) (E980-E985).	104 76	106 66	117 84	120 55
E980	Non-accidental poisoning by another person M. F.	1 —	1 3	2 1	— 1
E981	Assault by firearm and explosive M. F.	39 34	36 20	51 27	47 19
E982	Assault by cutting and piercing instruments M. F.	9 11	18 9	15 19	21 5
E983	Assault by other means M. F.	46 31	44 34	46 37	44 30
E984	Injury by intervention of police M. F.	1 —	3 —	1 —	5 —
E985	Execution M. F.	8 —	4 —	2 —	3 —
	Injury resulting from operations of war (E990-E999) M. F.	— —	— —	— —	— —

VIII. Major Types of Fatal Accident, Canada, 1956-59
(Rates per 100,000 population)

	1956		1957		1958		1959	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
All accidents (E800 - E962)	9,271	57.7	9,655	58.2	9,157	53.7	9,439	54.1
All transport accidents (E800 - E866)	4,208	26.2	4,426	26.7	4,098	24.0	4,257	24.4
Motor vehicle (E810 - E835)	3,559	22.1	3,694	22.3	3,517	20.6	3,687	21.1
Traffic (E810 - E825)	3,491	21.7	3,579	21.6	3,445	20.2	3,599	20.6
Non-traffic (E830 - E835)	68	0.4	115	0.7	72	0.4	88	0.5
Other transport (E800 - E802, E840 - E845, E850 - E866)	649	4.0	732	4.4	581	3.4	570	3.3
Drowning involving small boat (E850)	237	1.5	279	1.7	268	1.6	269	1.5
Drowning involving other watercraft (E851)	36	0.2	34	0.2	34	0.2	28	0.2
Other	376	2.3	419	2.5	279	1.6	273	1.6
All non-transport accidents (E870 - E962)	5,063	31.5	5,229	31.5	5,059	29.7	5,182	29.7
Falls (E900 - E904)	1,582	9.8	1,569	9.5	1,545	9.1	1,524	8.7
Drowning ¹ (E929)	783	4.9	917	5.5	935	5.5	924	5.3
Mechanical and food suffocation (E921, E922, E924, E925)	524	3.3	620	3.7	589	3.5	617	3.5
Fire (E916)	628	3.9	627	3.8	562	3.3	591	3.4
Poisoning (E870 - E895)	328	2.0	313	1.9	260	1.5	323	1.9
Machinery (E912)	254	1.6	243	1.5	220	1.3	256	1.5
Firearms (E919)	163	1.0	166	1.0	170	1.0	167	1.0
Other	801	5.0	774	4.7	778	4.6	780	4.5

¹ Not including drownings involving watercraft.

IX. Distribution of Major Types of Fatal Accident by Age and Sex, Canada, 1959

No.		Total both sexes	Total each sex	Age								
				Under 1 year	1	2	3	4	5-9	10-14	15-19	20-24
1	All accidents M.	9,439	6,843	347	102	85	86	85	401	308	559	709
2	..... F.		2,596	212	105	88	60	58	197	109	129	88
3	All transport accidents M.	4,257	3,239	14	25	28	34	32	197	136	329	441
4	..... F.		1,018	11	31	26	24	37	127	63	102	58
5	Motor vehicle M.	3,687	2,731	13	23	27	30	31	185	114	287	379
6	..... F.		956	11	29	23	24	35	123	58	93	52
7	Traffic M.	3,599	2,666	13	15	23	29	30	183	114	284	373
8	..... F.		933	11	17	18	23	33	121	58	93	52
9	Non-traffic M.	88	65	—	8	4	1	1	2	—	3	6
10	..... F.		23	—	12	5	1	2	2	—	—	—
11	Other transport M.	570	508	1	2	1	4	1	12	22	42	62
12	..... F.		62	—	2	3	—	2	4	5	9	6
13	Drowning involving small M.	269	247	—	—	—	1	—	6	16	30	36
14	boat. F.		22	—	—	—	—	2	3	3	7	3
15	Drowning involving other M.	28	26	—	—	—	1	—	1	—	1	1
16	watercraft. F.		2	—	—	—	—	—	—	—	—	—
17	Other M.	273	235	1	2	1	2	1	5	6	11	25
18	..... F.		38	—	2	3	—	—	1	2	2	3
19	All non-transport accidents M.	5,182	3,604	333	77	57	52	53	204	172	230	268
20	..... F.		1,578	201	74	62	36	21	70	46	27	30
21	Falls M.	1,524	816	5	5	4	2	3	8	9	10	23
22	..... F.		708	5	7	6	3	3	1	1	—	2
23	Drowning ¹ M.	924	771	2	18	21	14	21	109	88	110	87
24	..... F.		153	—	18	14	13	5	19	19	9	7
25	Mechanical and food suffoca- M.	617	396	287	17	6	1	2	7	5	6	4
26	tion. F.		221	175	12	2	1	—	4	—	—	3
27	Fire M.	591	348	19	7	10	19	15	40	14	12	19
28	..... F.		243	10	17	18	12	7	38	13	6	8
29	Poisoning M.	323	209	1	7	3	7	—	5	4	6	18
30	..... F.		114	1	8	9	4	2	—	—	8	5
31	Machinery M.	256	245	—	2	1	3	3	8	14	21	22
32	..... F.		11	—	2	3	—	2	1	2	—	—
33	Firearms M.	167	154	—	—	3	1	1	10	14	34	16
34	..... F.		13	—	—	—	—	—	2	6	1	—
35	Other M.	780	665	19	21	9	5	8	17	24	31	79
36	..... F.		115	10	10	10	3	2	5	5	3	5

¹ Not including drownings involving watercraft.

IX. Distribution of Major Types of Fatal Accident by Age and Sex, Canada, 1959

Age														No.
25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Not stated	
559 89	496 81	377 87	380 74	344 81	323 77	316 84	254 78	232 107	237 128	235 173	195 194	210 297	3 —	1 2
334 55	263 52	205 53	216 45	171 41	174 41	147 49	121 42	111 59	121 42	88 35	36 17	15 8	1 —	3 4
261 48	209 51	164 50	162 43	140 40	137 39	127 45	99 42	100 52	113 39	81 34	34 17	14 8	1 —	5 6
251 48	203 51	161 50	156 43	135 40	134 39	125 45	97 42	98 52	113 38	81 34	33 17	14 8	1 —	7 8
10 —	6 —	3 —	6 —	5 —	3 —	2 —	2 —	2 —	— 1	— —	1 —	— —	— —	9 10
73 7	54 1	41 3	54 2	31 1	37 2	20 4	22 —	11 7	8 3	7 1	2 —	1 —	— —	11 12
34 2	25 —	13 1	26 1	15 —	16 —	10 —	8 —	6 —	2 —	2 —	1 —	— —	— —	13 14
5 1	3 —	3 —	2 —	3 —	2 —	— 1	3 —	— —	1 —	— —	— —	— —	— —	15 16
34 4	26 1	25 2	26 1	13 1	19 2	10 3	11 —	5 7	5 3	5 1	1 —	1 —	— —	17 18
225 34	233 29	172 34	164 29	173 40	149 36	169 35	133 36	121 48	116 86	147 138	159 177	195 289	2 —	19 20
28 —	30 3	31 1	34 5	35 2	28 11	43 10	39 21	45 21	60 60	90 113	112 159	172 274	— —	21 22
58 5	72 7	28 4	22 5	25 8	24 7	17 2	19 2	13 5	7 2	4 —	6 1	4 1	2 —	23 24
5 3	8 2	5 1	6 1	7 1	7 2	3 4	4 4	5 —	5 2	5 2	1 2	— —	— —	25 26
24 10	12 10	14 12	7 6	19 8	12 6	21 11	10 3	15 11	15 14	21 11	16 7	7 5	— —	27 28
18 15	19 6	16 8	16 8	13 15	14 5	18 5	16 3	8 6	3 3	9 2	6 1	2 —	— —	29 30
22 —	23 —	20 —	16 —	21 1	15 —	22 —	20 —	7 —	1 —	4 —	— —	— —	— —	31 32
8 —	12 —	6 1	12 1	13 1	7 1	7 —	6 —	1 —	2 —	— —	— —	1 —	— —	33 34
62 1	57 1	52 7	51 3	40 4	42 4	38 3	19 3	27 5	23 5	14 10	18 7	9 9	— —	35 36

X. Accidents, Poisonings and Violence listed by the Nature of Injury in accordance with the International Statistical Classification

Int'l List No.	Cause of death	1956	1957	1958	1959
(N800 - N999)	Accidents, poisonings and violence T. M. F.	10,685 7,723 2,960	11,085 8,133 2,952	10,631 7,831 2,800	10,904 7,983 2,921
	Accidents T. M. F.	9,271 6,662 2,609	9,655 7,035 2,620	9,157 6,690 2,467	9,439 6,843 2,596
	Fracture of skull, spine, and trunk (N800 - N809) M. F.	2,457 627	2,424 662	2,344 675	2,425 712
N800	Fracture of vault of skull M. F.	19 5	19 12	24 6	17 1
N801	Fracture of base of skull M. F.	172 58	164 41	153 42	152 37
N802	Fracture of face bones M. F.	16 3	17 11	24 7	17 3
N803	Other and unqualified skull fractures M. F.	1,272 309	1,193 305	1,145 307	1,212 315
N804	Multiple fractures involving skull or face with other bones.. M. F.	557 143	591 160	588 155	553 192
N805	Fracture and fracture dislocation of vertebral column with- out mention of spinal cord lesion. M. F.	176 39	167 41	157 58	161 56
N806	Fracture and fracture dislocation of vertebral column with spinal cord lesion. M. F.	75 17	89 16	57 19	90 32
N807	Fracture of rib (s) sternum and larynx M. F.	37 9	36 9	34 10	55 12
N808	Fracture of pelvis M. F.	25 16	40 26	51 23	47 16
N809	Multiple, and ill-defined fractures of trunk M. F.	108 28	108 41	111 48	121 48
	Fracture of upper limb (N810 - N819) M. F.	24 41	22 47	26 26	11 20
N810	Fracture of clavicle M. F.	2 1	4 —	2 1	3 —
N811	Fracture of scapula M. F.	1 —	— —	— —	— —
N812	Fracture of humerus M. F.	14 30	8 37	12 17	6 12
N813	Fracture of radius and ulna M. F.	1 4	1 3	1 1	— 3
N814	Fracture of carpal bone (s) M. F.	— 1	— 3	— 3	— —
N815	Fracture of metacarpal bone (s) M. F.	— —	— —	— —	— 1
N816	Fracture of one or more phalanges of hand M. F.	— —	1 —	— —	— —
N817	Multiple fractures of hand bones M. F.	— —	— —	— —	— —
N818	Other, multiple, and ill-defined fractures of upper limb M. F.	2 2	2 2	2 1	— 1
N819	Multiple fractures involving upper limbs M. F.	4 3	6 2	9 3	2 3

X. Accidents, Poisonings and Violence listed by the Nature of Injury in accordance with the International Statistical Classification - Continued

Int'l List No.	Cause of death	1956	1957	1958	1959
	Fracture of lower limb (N820 - N829).....				
	M. 399	457	414	425	
	F. 657	592	594	555	
N820	Fracture of neck of femur	242	253	245	237
	F. 476	440	437	417	
N821	Fracture of other and unspecified parts of femur	52	62	65	77
	F. 108	89	88	82	
N822	Fracture of patella.....	1	1	—	—
	F. 2	—	1	—	
N823	Fracture of tibia and fibula	18	22	21	8
	F. 14	13	9	6	
N824	Fracture of ankle	3	4	1	2
	F. —	4	—	1	
N825	Fracture of one or more tarsal and metatarsal bones	—	1	—	—
	F. 1	—	1	—	
N826	Fracture of one or more phalanges of foot	—	—	—	—
	F. —	—	—	—	
N827	Other, multiple, and ill-defined fractures of lower limb.....	10	15	9	14
	F. 3	5	6	3	
N828	Multiple fractures involving lower limbs	36	40	38	39
	F. 32	26	30	23	
N829	Fracture of unspecified bones	37	59	35	48
	F. 21	15	22	23	
	Dislocation without fracture (N830 - N839).....				
	M. 5	7	4	7	
	F. 5	4	2	3	
N830	Dislocation of jaw	1	1	—	—
	F. 1	1	—	—	
N831	Dislocation of shoulder.....	1	2	—	2
	F. 3	1	—	—	
N832	Dislocation of elbow	1	—	—	—
	F. —	—	—	1	
N833	Dislocation of wrist.....	—	—	—	1
	F. —	—	—	—	
N835	Dislocation of hip	1	—	1	—
	F. —	—	—	1	
N836	Dislocation of knee	—	1	—	—
	F. —	—	—	—	
N839	Other, multiple, and ill-defined dislocations.....	1	3	3	4
	F. 1	2	2	1	
	Sprains and strains of joints and adjacent muscles (N840 - N848)				
	M. —	—	2	2	
	F. 1	—	1	—	
N840	Sprains and strains of shoulder and upper arm	—	—	1	—
	F. —	—	—	—	
N842	Sprains and strains of wrist and hand.....	—	—	—	—
	F. 1	—	—	—	
N843	Sprains and strains of hip and thigh	—	—	—	—
	F. —	—	1	—	
N844	Sprains and strains of knee and leg	—	—	—	1
	F. —	—	—	—	
N846	Sprains and strains of sacro-iliac region	—	—	1	1
	F. —	—	—	—	
N847	Sprains and strains of other and unspecified parts of back ..	—	—	—	—
	F. —	—	—	—	

X. Accidents, Poisonings and Violence listed by the Nature of Injury in accordance with the International Statistical Classification - Continued

Int'l List No.	Cause of death		1956	1957	1958	1959
	Head Injury (Excluding Skull Fracture) (N850 - N856)	M. F.	654 193	667 170	729 173	722 196
N850	Open wound of scalp	M. F.	18 3	23 7	22 5	12 6
N851	Contusion and haematoma of scalp	M. F.	7 2	8 3	6 6	9 5
N852	Concussion	M. F.	56 28	46 22	49 24	53 24
N853	Cerebral laceration and contusion	M. F.	191 37	189 27	235 43	229 38
N854	Subarachnoid, subdural, and extradural haemorrhage following injury (without mention of cerebral laceration or contusion)	M. F.	54 30	64 33	67 26	61 43
N855	Other and unspecified intracranial haemorrhage following injury (without mention of cerebral laceration or contusion)	M. F.	111 38	96 35	87 33	114 35
N856	Head injury of other and unspecified nature	M. F.	217 55	241 43	263 36	244 45
	Internal injury of chest, abdomen, and pelvis (N860 - N869)	M. F.	1, 286 297	1, 362 303	1, 220 257	1, 233 288
N860	Traumatic pneumothorax and haemothorax	M. F.	122 31	149 32	134 25	115 35
N861	Injury to heart and lung	M. F.	224 40	211 35	188 42	215 46
N862	Injury to other and unspecified intrathoracic organs	M. F.	306 49	320 54	280 45	326 47
N863	Injury to gastro-intestinal tract	M. F.	43 7	28 6	39 4	31 13
N864	Injury to liver	M. F.	56 13	80 14	50 19	64 14
N865	Injury to spleen	M. F.	23 7	20 10	22 12	24 7
N866	Injury to kidney	M. F.	11 2	14 3	8 5	5 4
N867	Injury to pelvic organs	M. F.	18 5	9 2	9 3	15 3
N868	Injury to other and unspecified intra-abdominal organs	M. F.	80 27	76 14	68 9	68 23
N869	Internal injury unspecified or involving intrathoracic with intra-abdominal organs.	M. F.	403 116	455 133	422 93	370 96
	Laceration and open wound of face, neck, and trunk (N870 - N879)	M. F.	64 18	100 31	91 26	95 16
N870	Open wound of eye and orbit	M. F.	— 1	1 —	— —	2 1
N871	Enucleation of eye	M. F.	— —	1 —	— —	— —
N872	Open wound of ear	M. F.	— —	1 —	1 —	— —
N873	Other and unspecified laceration of face	M. F.	6 1	12 3	14 1	14 2
N874	Open wound of neck	M. F.	45 12	66 21	63 19	58 10

X. Accidents, Poisonings and Violence listed by the Nature of Injury in accordance with the International Statistical Classification - Continued

Int'l List No.	Cause of death	1956	1957	1958	1959
	Laceration and open wound of face, neck, and trunk (N870-N879) - Concluded:				
N875	Open wound of chest M. F.	1 -	4 2	1 -	15 1
N876	Open wound of back..... M. F.	- -	2 -	1 1	- -
N877	Open wound of buttock M. F.	- 1	1 -	- -	1 -
N878	Open wound of genital organs, including traumatic amputation M. F.	- 2	- 2	- 1	1 -
N879	Multiple and unspecified open wounds of face, neck, and trunk M. F.	12 1	12 3	11 4	4 2
	Laceration and open wound of upper limb (N880-N888) M. F.	17 2	15 1	27 1	21 3
N880	Open wound of shoulder and upper arm..... M. F.	- -	1 -	5 -	4 -
N881	Open wound of elbow and forearm, and wrist not involving M. tendons. F.	6 2	5 -	9 1	6 2
N882	Open wound of wrist involving tendon (s) M. F.	- -	- 1	- -	- -
N883	Open wound of hand, except finger (s) alone..... M. F.	1 -	1 -	1 -	1 1
N884	Open wound of finger (s)..... M. F.	1 -	3 -	2 -	2 -
N885	Multiple and unspecified open wounds of one upper limb M. F.	1 -	3 -	1 -	2 -
N887	Traumatic amputation of other finger (s) M. F.	1 -	- -	1 -	- -
N888	Traumatic amputation of arm and hand M. F.	7 -	2 -	8 -	6 -
	Laceration and open wound of lower limb (N890-N898) M. F.	18 2	19 3	24 3	19 5
N890	Open wound of hip and thigh M. F.	2 -	6 -	6 1	1 1
N891	Open wound of knee, leg (except thigh), and ankle not in- M. volving tendons. F.	5 2	2 -	4 -	10 2
N892	Open wound of ankle involving tendon (s)..... M.	-	-	1	-
N893	Open wound of foot, except toe (s) alone..... M. F.	- -	1 -	2 -	1 -
N894	Open wound of toe (s)..... M. F.	1 -	- -	- -	- -
N895	Multiple and unspecified open wounds of one lower limb M. F.	- -	- -	2 -	- -
N896	Traumatic amputation of toe (s)..... M. F.	- -	1 -	- -	- -
N897	Traumatic amputation of foot M. F.	- -	- -	1 -	1 -
N898	Traumatic amputation of leg..... M. F.	10 -	9 3	8 2	6 2

X. Accidents, Poisonings and Violence listed by the Nature of Injury in accordance with the International Statistical Classification - Continued

Int'l List No.	Cause of death	1956	1957	1958	1959
	Laceration and open wounds of multiple location (N900 - N908) M. F.	26 6	17 4	33 8	12 6
N900	Multiple open wounds of both upper limbs M. F.	— —	— —	2 —	— —
N901	Multiple open wounds of both lower limbs M. F.	1 —	— 1	2 —	— —
N902	Multiple open wounds of both upper and lower limb (s) M. F.	3 —	3 —	2 —	— 1
N903	Multiple open wounds of both hands M. F.	1 —	— —	2 —	1 —
N904	Multiple open wounds of both head and limb (s) M. F.	— 1	— —	— —	— —
N905	Multiple open wounds of both head and trunk M. F.	1 1	2 1	2 3	— 1
N906	Multiple open wounds of both trunk and limb (s) M. F.	2 —	2 1	2 —	1 —
N907	Multiple open wounds of face with other sites M. F.	— —	— —	— —	— —
N908	Multiple open wounds of other and unspecified location M. F.	18 4	10 1	21 5	10 4
	Superficial injury (N910 - N918) M. F.	1 —	3 —	— 1	— 1
N911	Superficial injury of trunk M. F.	1 —	1 —	— 1	— —
N914	Superficial injury of hand (s) except finger (s) alone M. F.	— —	1 —	— —	— —
N916	Superficial injury of hip, thigh, leg and ankle M. F.	— —	1 —	— —	— —
N918	Superficial injury of other, multiple, and unspecified sites M. F.	— —	— —	— —	— 1
	Contusion and crushing with intact skin surface (N920 - N929) M. F.	10 17	9 6	6 4	7 9
N920	Contusion of face and neck, except eye (s) M. F.	1 2	1 —	2 2	2 1
N921	Contusion of eye and orbit M. F.	— —	— —	— —	— —
N922	Contusion of trunk M. F.	— 5	4 2	1 —	1 —
N924	Contusion of elbow, forearm, and wrist M. F.	— —	1 —	— —	— —
N926	Contusion of finger (s) M. F.	— —	— 1	— —	— —
N927	Contusion of hip, thigh, leg, and ankle M. F.	1 5	2 1	— 1	1 2
N929	Contusion of other, multiple, and unspecified sites M. F.	8 5	1 2	3 1	3 6

X. Accidents, Poisonings and Violence listed by the Nature of Injury in accordance with the International Statistical Classification - Continued

Int'l List No.	Cause of death	1956	1957	1958	1959
	Effects of foreign body entering through orifice (N930-N936)				
	M. 185	248	236	264	
	F. 147	177	170	166	
N932	Foreign body in nose..... M.	—	1	—	—
	F.	—	—	—	—
N933	Foreign body in pharynx and larynx M.	175	235	219	251
	F.	137	169	163	159
N934	Foreign body in bronchus and lung M.	8	6	11	10
	F.	3	6	4	5
N935	Foreign body in digestive tract M.	1	6	6	3
	F.	7	2	3	2
N936	Foreign body in genital-urinary tract M.	1	—	—	—
	F.	—	—	—	—
	Burns (N940-N949)				
	M. 283	298	263	307	
	F. 197	213	175	193	
N941	Burn confined to face, head, and neck M.	—	—	—	—
	F.	1	—	1	1
N942	Burn confined to trunk..... M.	2	5	2	4
	F.	1	—	2	2
N943	Burn confined to upper limb (s), except wrist and hand M.	—	—	—	—
	F.	1	—	1	2
N944	Burn confined to wrist(s) and hand (s)..... M.	—	—	—	—
	F.	—	—	—	—
N945	Burn confined to lower limb (s) M.	4	3	6	3
	F.	2	—	1	1
N946	Burn involving face, head, and neck, with limb (s)..... M.	3	—	—	3
	F.	2	—	1	3
N947	Burn involving trunk with limb (s) M.	9	8	10	5
	F.	5	9	13	6
N948	Burn involving face, head, and neck, with trunk and limb (s) M.	128	123	107	115
	F.	80	76	63	48
N949	Burn involving other and unspecified parts M.	137	159	138	177
	F.	105	128	93	130
	Injury to nerves and spinal cord without bone injury(N950-N959)				
	M. 13	39	23	17	
	F. 4	6	8	2	
N953	Injury to nerve (s) in forearm M.	—	—	—	1
N956	Injury to nerve (s) in lower leg..... M.	—	1	—	—
N958	Spinal cord lesion without evidence of spinal bone injury .. M.	13	36	22	15
	F.	4	6	8	2
N959	Other nerve injury including nerve injury in several parts .. M.	—	2	1	1
	F.	—	—	—	—
	Effects of poisons (N960-N979)				
	M. 545	518	478	534	
	F. 300	286	248	293	
N960	Poisoning by noxious foodstuffs M.	1	3	1	3
	F.	1	2	—	3
N961	“ “ alcohol..... M.	29	27	39	35
	F.	7	12	13	11

X. Accidents, Poisonings and Violence listed by the Nature of Injury in accordance with the International Statistical Classification - Continued

Int'l List No.	Cause of death	1956	1957	1958	1959
	Effects of poisons (N960 - N979) - Concluded:				
N962	Poisoning by petroleum products M. F.	2 2	— —	3 —	3 1
N963	“ “ industrial solvents M. F.	3 2	6 —	2 2	3 7
N964	“ “ corrosive aromatics, acids, and caustic alkalis M. F.	15 3	14 6	16 8	16 10
N965	“ “ mercury and its compounds M. F.	— 1	1 —	1 —	1 1
N966	“ “ lead and its compounds M. F.	— —	— 1	— —	1 —
N967	“ “ arsenic and antimony, and their compounds .. M. F.	3 3	7 2	1 2	5 1
N968	“ “ carbon monoxide M. F.	277 108	250 91	221 67	227 61
N969	“ “ other gases and vapours..... M. F.	117 59	113 53	86 57	109 57
N970	“ “ morphine and other opium derivatives M. F.	2 2	4 —	3 2	6 3
N971	“ “ barbituric acid and derivatives M. F.	39 70	34 69	43 57	66 88
N972	“ “ aspirin and salicylates..... M. F.	12 9	16 16	22 14	10 20
N973	“ “ bromides M. F.	— 1	— 1	— —	— 1
N974	“ “ other analgesic and soporific drugs M. F.	12 6	6 11	6 6	2 6
N975	“ “ sulphonamides M. F.	— —	— —	— —	1 —
N976	“ “ strychnine..... M. F.	7 7	3 4	5 5	8 3
N977	“ “ belladonna, hyoscine, and atropine M. F.	1 —	— —	— —	— —
N978	“ “ venom M. F.	— 3	2 —	— —	2 —
N979	“ “ other and unspecified substances..... M. F.	25 16	32 18	29 15	36 20
	Effects of weather, exposure, and related conditions (N980 - N989).				
N980	Effects of reduced temperature M. F.	44 20	50 14	35 20	65 12
.0	<i>Frostbite</i> M. F.	2 1	9 1	2 2	4 —
.1	<i>Immersion foot</i> M. F.	— —	— —	— —	— —
.2	<i>Other effects of reduced temperature</i> M. F.	41 19	41 13	33 18	61 12
.9	<i>Late effects</i> M. F.	1 —	— —	— —	— —

X. Accidents, Poisonings and Violence listed by the Nature of Injury in accordance with the International Statistical Classification - Continued

Int'l List No.	Cause of death	1956	1957	1958	1959
	Effects of weather, exposure, and related conditions (N980-N989)—Concluded:				
N981	Effects of heat and insolation..... M. F.	4 3	3 6	3 1	7 2
.0	Heatstroke, except sunstroke M. F.	1 —	2 2	— —	1 —
.1	Sunstroke M. F.	— —	— 2	1 1	2 —
.3	Heat exhaustion and collapse M. F.	— 3	1 2	1 —	4 2
.4	Sunburn M. F.	— —	— —	— —	— —
.5	Other M. F.	3 —	— —	1 —	— —
N982	Effects of high altitudes M. F.	— —	— —	1 —	— —
.2	Other and unspecified..... M.	—	—	1	—
N983	Caisson disease M.	—	—	3	—
N984	Effects of lightning..... M. F.	12 4	9 1	7 1	12 —
N985	Effects of hunger..... M. F.	1 3	— 5	16 4	4 2
N987	Effects of exposure, not elsewhere classified M. F.	12 2	8 3	8 3	6 2
N989	Motion (travel) sickness..... M.	—	—	—	1
.3	Other M.	—	—	—	1
	Other and unspecified injuries and reactions (N990-N999)....	1,665	1,858	1,838	1,787
	F.	414	418	399	435
N990	Drowning..... M. F.	1,066 211	1,223 224	1,226 222	1,205 249
N991	Asphyxia and strangulation M. F.	465 158	455 154	443 147	445 150
N992	Electrocution..... M. F.	74 5	94 4	87 4	82 3
N993	Injury due to radiation, except sunburn M. F.	— —	— —	— —	— 1
N994	Other general effects of external causes..... M. F.	4 8	4 3	5 3	1 4
N995	Certain early complications of trauma M. F.	2 —	1 4	2 2	4 —
.0	Air embolism M. F.	— —	— —	— —	— —
.1	Fat embolism M. F.	— —	— —	— —	— —
.2	Secondary and recurrent haemorrhage..... M. F.	— —	— —	— —	— —
.3	Traumatic aneurysm and arterial injury M. F.	— —	— —	— —	2 —
.6	"Shock" M. F.	1 —	— 4	1 2	2 —
.7	Traumatic anuria (crush syndrome)..... M.	—	1	—	—
.9	Other early complications of trauma..... M. F.	— —	— —	1 —	— —

X. Accidents, Poisonings and Violence listed by the Nature of Injury in accordance with the International Statistical Classification - Concluded

Int'l List No.	Cause of death	1956	1957	1958	1959
	Other and unspecified injuries and reactions (N990-N999) - Concluded:				
N996	Injury of other and unspecified nature M. F.	50 24	77 25	71 19	45 27
.0	Face and neck except eye (s) M. F.	2 2	2 1	2 -	- -
.1	Trunk M. F.	2 4	1 -	4 -	- 3
.2	Shoulder and upper arm M. F.	- 1	- -	- -	- -
.3	Elbow, forearm and wrist M. F.	- -	- -	- -	- -
.4	Hand(s), except finger(s)..... M. F.	1 -	- -	- -	- -
.5	Finger(s)..... M. F.	- -	- -	- -	- -
.6	Hip and thigh M. F.	2 -	1 1	3 2	1 1
.7	Knee, leg except thigh, ankle and foot..... M. F.	3 1	5 1	3 1	3 -
.8	Other specified sites, including multiple..... M. F.	13 3	24 5	21 12	17 8
.9	Unspecified site..... M. F.	27 13	44 17	38 4	24 15
N997	Reactions and complications due to nontherapeutic medical and surgical procedures. M. F.	2 7	3 2	3 -	2 -
N998	Adverse reaction to injections, infusions, and transfusions for therapeutic purposes. M. F.	1 1	1 1	1 -	1 1
.1	Anaphylactic shock M. F.	- 1	1 -	1 -	1 -
.5	Serum jaundice M. F.	1 -	- -	- -	- 1
.6	Other M. F.	- -	- 1	- -	- -
N999	Adverse reaction to other therapeutic procedure..... M. F.	1 -	- 1	- 2	2 -
.0	Early complications of surgical procedures..... M. F.	- -	- -	- -	- -
.2	Other early reactions and complications of therapeutic procedures. M. F.	1 -	- 1	- 1	1 -
.5	Other late complications of therapeutic procedures M. F.	- -	- -	- 1	1 -

XI. Nature of Injury for Transport and Non-Transport Accidents, 1959

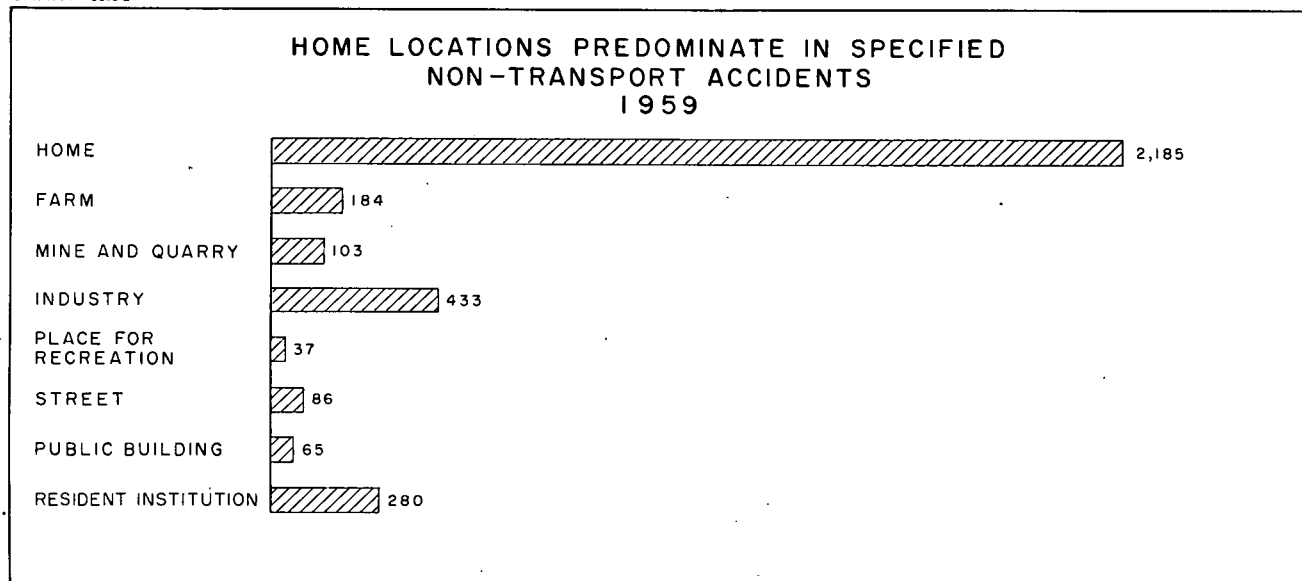
	Both sexes	Males	Females
A. All transport accident fatalities (E800 - E866)			
Fracture of skull	1,800	1,339	461
Fracture of spine and trunk	406	295	111
Fracture of limbs	137	99	38
Dislocation without fracture	6	4	2
Sprains and strains of joints and adjacent muscles	—	—	—
Head injury (excluding fracture)	360	271	89
Internal injury of chest, abdomen and pelvis	964	733	231
Laceration and open wounds	32	23	9
Superficial injury, contusion and crushing with intact skin surface	4	3	1
Effects of foreign body entering through orifice	2	1	1
Burns	73	62	11
Effects of poisons	7	7	—
All other and unspecified effects of external causes	466	402	64
Totals	4,257	3,239	1,018
Motor vehicle traffic accidents (E810 - E825):			
Fracture of skull	1,667	1,238	429
Fracture of spine and trunk	384	275	109
Fracture of limbs	128	90	38
Head injury (excluding fracture)	341	253	88
Internal injury of chest, abdomen and pelvis	847	634	213
Laceration and open wounds	21	15	6
Burns	48	38	10
All other and unspecified effects of external causes	163	123	40
Total motor vehicle traffic accidents	3,599	2,666	933
Motor vehicle non-traffic accidents (E830 - E835):			
Fracture of skull	39	24	15
Fracture of spine and trunk	8	7	1
Internal injury of chest, abdomen and pelvis	33	26	7
All other and unspecified effects of external causes	8	8	—
Total motor vehicle non-traffic accidents	88	65	23
Total motor vehicle traffic and non-traffic accidents	3,687	2,731	956
B. All non-transport accident fatalities (E870 - E962)			
Fracture of skull	554	491	63
Fracture of spine and trunk	214	165	49
Fracture of limbs	871	336	535
Dislocation without fracture	4	3	1
Sprains and strains of joints and adjacent muscles	2	2	—
Head injury (excluding fracture)	282	198	84
Internal injury of chest, abdomen and pelvis	372	346	26
Laceration and open wounds	67	58	9
Superficial injury, contusion and crushing with intact skin surface	13	4	9
Effects of foreign body entering through orifice	428	263	165
Burns	421	243	178
Effects of poisons	539	344	195
All other and unspecified effects of external causes	1,415	1,151	264
Totals	5,182	3,604	1,578
Falls (E900 - E904):			
Fracture of skull	309	258	51
Fracture of spine and trunk	127	83	44
Fracture of limbs	838	319	519
Head injury (excluding fracture)	152	91	61
Internal injury of chest, abdomen and pelvis	51	41	10
Laceration and open wounds	10	7	3
Superficial injury, contusion and crushing with intact skin surface	13	4	9
All other and unspecified effects of external causes	24	13	11
Total falls	1,524	816	708

XII. Location of Specified¹ Non-Transport Accidental Deaths (E870 - E936), 1959

	Both sexes	
	Number	Per cent
Home	2,185	42.6
Farm	184	3.6
Mine and quarry	103	2.0
Industrial place and premises	433	8.5
Place for recreation and sport	37	0.7
Street and highway	86	1.7
Public building	65	1.3
Residential institution	280	5.5
Other specified places	1,066	20.8
Place not specified	680	13.3
Totals	5,119	100.0
	Males	
	Number	Per cent
Home	1,192	33.4
Farm	173	4.9
Mine and quarry	102	2.9
Industrial place and premises	431	12.1
Place for recreation and sport	32	0.9
Street and highway	68	1.9
Public building	52	1.5
Residential institution	148	4.2
Other specified places	913	25.6
Place not specified	450	12.6
Totals	3,561	100.0
	Females	
	Number	Per cent
Home	993	63.7
Farm	11	0.7
Mine and quarry	1	0.1
Industrial place and premises	2	0.1
Place for recreation and sport	5	0.3
Street and highway	18	1.2
Public building	13	0.8
Residential institution	132	8.5
Other specified places	153	9.8
Place not specified	230	14.8
Totals	1,558	100.0

¹ Of 5,182 non-transport fatal accidents, the location of 5,119 was specified; however the location was not specified for late effects of injury and poisoning, therapeutic misadventure and complications due to non-therapeutic medical and surgical procedures.

CHART-XIIa



XIII. HOME ACCIDENTS

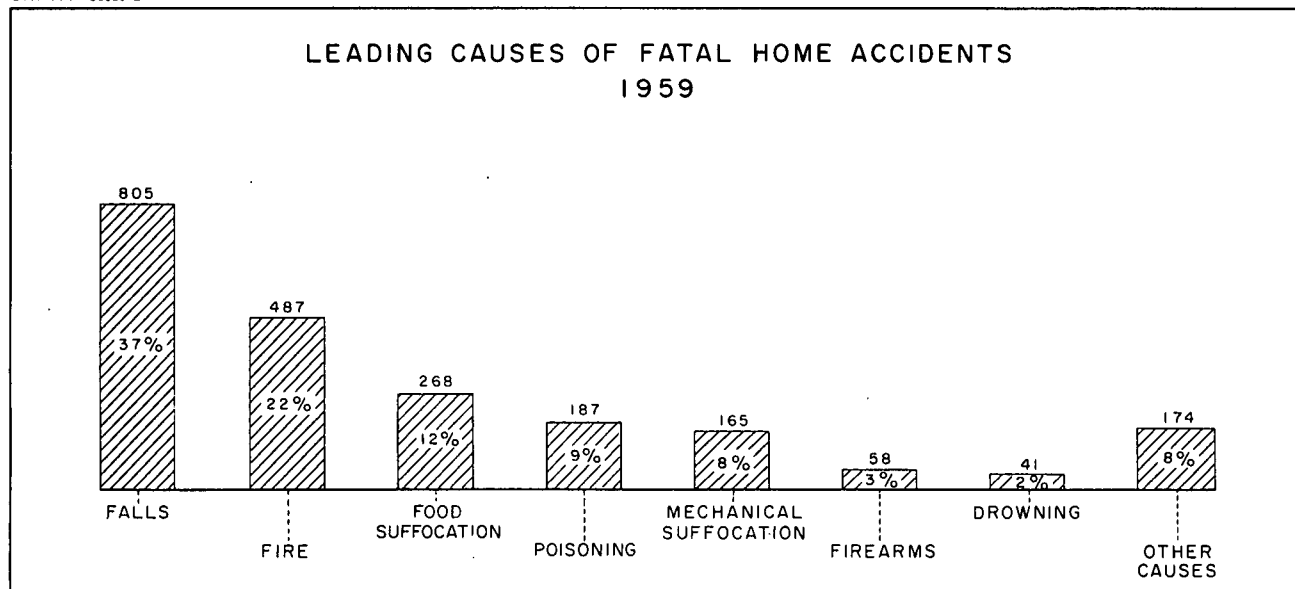
Deaths from Home Accidents 1950 - 59

1950	2,049	1955	2,230
1951	2,051	1956	2,179
1952	2,101	1957	2,111
1953	2,058	1958	2,115
1954	2,128	1959	2,185

Fatal Home Accidents by Age and Sex, 1959

Age group	Both sexes	Males	Females	Age group	Both sexes	Males	Females
	Number				Percentage distribution		
All ages	2,185	1,192	993	All ages	100.0	100.0	100.0
Under 1 year	439	277	162	Under 1 year	20.1	23.2	16.3
1 - 4 years	259	138	121	1 - 4 years	11.9	11.6	12.2
5 - 14 "	153	92	61	5 - 14 "	7.0	7.7	6.1
15 - 29 "	121	77	44	15 - 29 "	5.5	6.5	4.4
30 - 49 "	197	121	76	30 - 49 "	9.0	10.2	7.7
50 - 69 "	275	180	95	50 - 69 "	12.6	15.1	9.6
70+	741	307	434	70+	33.9	25.7	43.7
Not specified	—	—	—	Not specified	—	—	—

CHART-XIII a



Main Causes of Fatal Home Accidents by Broad Age Groups, 1959

	All ages	0-14	15-69	70+		All ages	0-14	15-69	70+
	Number					Percentage distribution			
Falls	805	42	157	606	Falls	36.8	4.9	26.5	81.8
Fire	487	224	182	81	Fire	22.3	26.3	30.7	10.9
Poisoning	187	31	134	22	Poisoning	8.6	3.6	22.6	3.0
Food suffocation	268	248	18	2	Food suffocation	12.3	29.1	3.0	0.3
Mechanical suffocation	165	159	5	1	Mechanical suffocation	7.6	18.7	0.8	0.1
Firearms	58	23	33	2	Firearms	2.7	2.7	5.6	0.3
Drowning and submersion	41	28	10	3	Drowning and submersion	1.9	3.3	1.7	0.4
Other	174	96	54	24	Other	7.8	11.4	9.1	3.2
All home accidents	2,185	851	593	741	All home accidents	100.0	100.0	100.0	100.0

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82-201 - Notifiable Diseases - A. Bil.75
82-202 - Home Nursing Services - A.E.		1.00
82-203 - Illness in the Civil Service - A. Bil.75
82-204 - Poliomyelitis Trends - A.E.25
82-512 - Summary of Notifiable Diseases, 1924-52 (annual supplements to 1960) - Bil.75
82-516 - Influenza in Canada, Some Statistics on its Characteristics and Trends, 1957 - E.50
83-204 - Mental Health Statistics - A. Bil.		2.00
83-208 - Mental Health Statistics, Supplement: Patients in Institutions - A.E.50
83-504 - Rates and Probabilities of Separation from Mental Institutions, 1956-58 - E.25
83-206 - Tuberculosis Statistics - A. Bil.		2.00
83-209 - Tuberculosis Statistics Supplement: Patients in Institutions - A.E.50
83-001 - Incidence of Tuberculosis - Bil. (monthly)	per year	1.00
82-205 - Tuberculosis Trends, 1959 - A.E.25
Canadian Sickness Survey (National Estimates), 1950-51 - E. and F.		
82-502 - Family Expenditures for Health Services by Income Groups25
82-505 - Volume of Sickness25
82-506 - Permanent Physical Disabilities25
82-507 - Incidence and Prevalence of Illness25
82-508 - Volume of Health Care25
82-509 - Volume of Health Care for Selected Income Groups25
82-510 - Illness Frequency by Diagnostic Classification25
82-511 - Illness Frequency by Class of Illness, Age and Sex25
82-518 - Illness and Health Care in Canada 1950-51 - E.		2.00
POPULATION STATISTICS - Bil.		
91-201 - Canada, by Provinces, Estimated for Intercensal Years, 1921-60 - A.25
91-503 - Estimates (Age and Sex), 1921-52 - R. No. 4025
91-504 - Estimates (Age and Sex), 1952-56 (Supp. to 91-503)25
91-202 - Estimates, by Age and Sex Groups, Canada and Provinces, 1957-60 (A. Supp.)25
91-203 - Estimates, by Marital Status, Age and Sex, Canada and Provinces - A.25
91-204 - Estimates of Families in Canada - A.50
<div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div> A. - Annual E. - English F. - French </div> <div> Bil. - Bilingual R. - Reference Supp. - Supplement </div> </div>		

In addition to the selected publications listed above, the Dominion Bureau of Statistics publishes a wide range of statistical reports on Canadian economic and social affairs including detailed reports on the 1956 and 1951 Censuses. A comprehensive catalogue of all current publications is available free on request from the Dominion Bureau of Statistics, Ottawa 3.