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SUMMARY
OF
TRAFFIC ACCIDENT STATISTICS

Dominion Bureau of Statistics, Ottawa
April, 1955

1 - Traffic Accident Trends

<u>Year</u>	<u>Vehicles registered</u>	<u>Gasoline consumed ('000 gals)</u>	<u>Accidents resulting in death or injury</u>	<u>Resulting in property damage only</u>	<u>Total accidents</u>	<u>Persons killed or injured</u>	<u>Property damage \$</u>
1936	1,240,124	523,855	12,887	9,162	29,119	24,464	1,762,256
7	1,319,702	603,405	19,366	13,924	39,932	26,285	2,654,966
8	1,394,853	632,017	18,404	14,664	39,645	25,889	2,610,695
9	1,439,245	662,942	14,103	11,515	40,812	26,573	2,971,799
1940	1,500,829	702,115	21,308	24,890	49,967	31,160	3,014,731
1	1,572,784	746,526	22,533	26,923	53,620	32,672	4,888,306
2	1,524,153	611,719	17,923	21,048	40,853	23,321	3,296,454
3	1,511,845	529,845	16,036	20,510	37,890	21,551	2,911,735
4	1,502,567	574,857	15,984	21,109	37,893	21,387	3,378,557
1945	1,497,081	662,617	18,456	27,149	46,501	25,821	4,841,468
6	1,622,463	934,820	23,018	37,434	61,784	32,342	7,034,498
7	1,835,959	1,032,907	24,684	48,364	74,738	34,442	10,468,939
8	2,034,943	1,133,234	29,508	60,941	92,862	40,074	14,757,646
9	2,290,628	1,253,882	33,480	81,773	115,253	46,159	19,156,369
1950	2,600,511	1,390,190	27,869	70,796	132,965	51,508	24,288,504
1	2,872,420	1,528,906	41,691	157,978	199,699	57,167	35,366,171
2	3,155,824	1,718,119	44,156	183,814	227,970	60,439	38,078,139
3	3,430,672	1,902,515	45,099	196,003	241,102	59,640	46,616,853

All figures, except those in the first two columns, are aggregations for certain reporting provinces, which varied from year to year. They do not represent the actual national totals for any given year, but are merely rough indications of gross trends.

Source: Transportation Section, D.B.S.

2 - Persons Killed and Injured in Traffic Accidents

<u>Year</u>	<u>Total</u>	<u>Drivers</u>	<u>Passengers</u>	<u>Pedestrians</u>	<u>Motor- cyclists</u>	<u>Others</u>
	%	%	%	%	%	%
1936	100.0	31.5	19.5	39.7	2.0	7.4
7	100.0	11.3	45.6	38.9	2.1	2.1
8	100.0	25.3	26.8	43.6	2.2	2.1
9	100.0	28.8	26.1	41.0	2.2	2.0
1940	100.0	22.7	34.5	40.3	2.3	0.2
1	100.0	16.7	39.4	40.3	2.3	1.3
2	100.0	18.5	34.4	43.4	2.2	1.5
3	100.0	16.2	35.6	44.6	1.9	1.8
4	100.0	16.2	36.6	43.2	2.3	1.6
1945	100.0	21.5	36.7	37.7	2.4	1.7
6	100.0	22.0	39.4	33.8	3.0	1.8
7	100.0	22.7	41.1	31.3	3.6	1.2
8	100.0	21.6	42.9	29.4	3.7	2.3
9	100.0	22.2	44.7	28.0	4.2	0.9
1950	100.0	27.0	44.6	24.1	3.5	0.8
1	100.0	28.9	44.6	23.1	2.8	0.6
2	100.0	29.3	45.5	22.5	2.3	0.4
3	100.0	29.9	44.8	22.8	2.0	0.4

Source: Transportation Section, D.B.S.

3 - Traffic Accidents by Provinces

(Total accidents per million miles driven*)

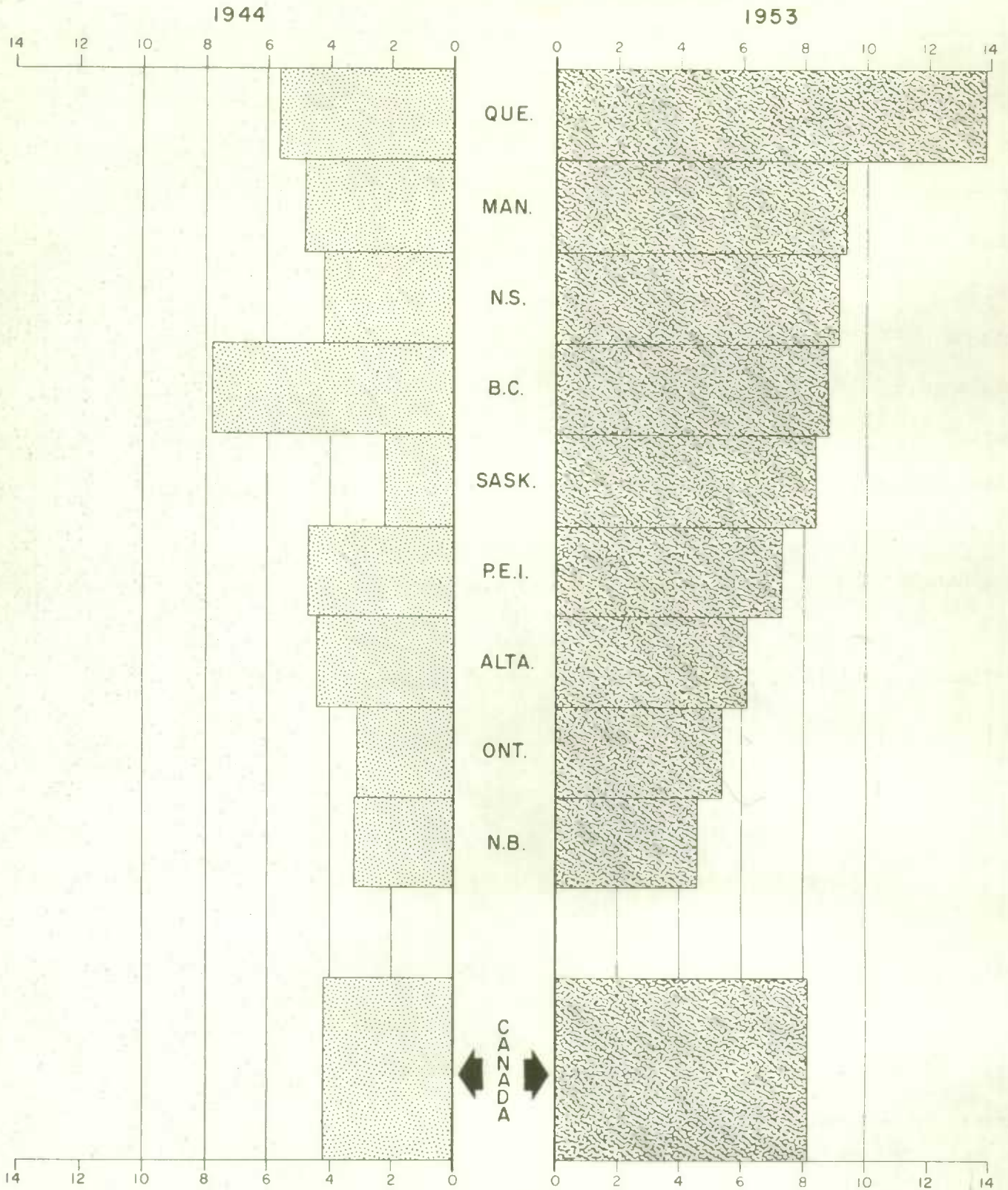
<u>Province</u>	<u>1944</u>	<u>1945</u>	<u>1946</u>	<u>1947</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>
Prince Edward Island	4.7	3.5	5.1	4.7	2.6	2.3	3.9	7.1	7.6	7.3
Nova Scotia	4.2	4.0	3.8	3.0	3.4	4.4	7.2	8.4	9.5	9.1
New Brunswick	3.2	2.5	2.4	2.7	3.0	3.4	3.7	3.9	4.7	4.6
Quebec	5.7	6.0	5.1	5.4	5.2	6.9	7.2	15.6	16.3	13.8
Ontario	3.1	3.3	2.8	3.3	3.7	4.2	4.8	5.5	5.4	5.4
Manitoba	4.7	5.5	6.8	6.8	8.9	9.4	9.6	8.5	7.9	9.3
Saskatchewan	2.2	2.8	3.5	4.5	5.7	6.0	5.1	5.2	5.4	8.4
Alberta	4.4	4.7	5.8	4.6	6.6	5.9	5.5	6.0	6.1	6.2
British Columbia	7.8	8.5	8.1	9.6	11.5	11.5	9.8	10.0	9.4	8.8
CANADA	4.2	4.5	4.2	4.6	5.3	5.9	6.1	8.4	8.5	8.1

* Estimated on basis of 15.6 miles per gallon of gasoline consumption.

Source: Transportation Section, D.B.S.

TRAFFIC ACCIDENTS BY PROVINCES

(TOTAL ACCIDENTS PER MILLION VEHICLE-MILES)



4 - Circumstances of Traffic Accidents, Ontario, 1953

A. WHERE THE ACCIDENTS HAPPENED

Area location

In cities	41%
In towns and villages	10%
On highways	28%
On county and township roads	21%

Road location

At street intersections	27%
Between street intersections	21%
At rural intersections	9%
On straight roads	28%
On curves	8%
On hills	3%
Other	4%

Direction of travel (% of vehicles)

Going straight	64%
Turning right	3%
Turning left	9%
Backing	2%
Parked or stopped	10%
Slowing or stopping	5%
Skidding	7%

B. WHEN THE ACCIDENTS HAPPENED

Month

January	8%
February	7%
March	7%
April	7%
May	8%
June	8%
July	8%
August	9%
September	9%
October	9%
November	9%
December	11%

	<u>Day</u>
Sunday	16%
Monday	12%
Tuesday	11%
Wednesday	11%
Thursday	13%
Friday	15%
Saturday	22%

	<u>Hour</u>
Midnight to 1 a.m.	5%
1 a.m. - 2 a.m.	3%
2 a.m. - 3 a.m.	2%
3 a.m. - 4 a.m.	1%
4 a.m. - 5 a.m.	1%
5 a.m. - 6 a.m.	1%
6 a.m. - 7 a.m.	1%
7 a.m. - 8 a.m.	3%
8 a.m. - 9 a.m.	4%
9 a.m. - 10 a.m.	3%
10 a.m. - 11 a.m.	4%
11 a.m. - 12 a.m.	4%
12 a.m. - 1 p.m.	4%
1 p.m. - 2 p.m.	4%
2 p.m. - 3 p.m.	5%
3 p.m. - 4 p.m.	6%
4 p.m. - 5 p.m.	8%
5 p.m. - 6 p.m.	9%
6 p.m. - 7 p.m.	7%
7 p.m. - 8 p.m.	7%
8 p.m. - 9 p.m.	5%
9 p.m. - 10 p.m.	4%
10 p.m. - 11 p.m.	4%
11 p.m. - 12 p.m.	5%

C. DRIVER AND PEDESTRIAN FACTORS

	<u>Driver experience</u> (% of drivers)
Under 3 months	1%
3 to 6 months	1%
6 to 12 months	2%
1 to 4 years	22%
5 years or more	74%

Action of driver
(% of drivers at fault)

Speed too fast for conditions	30%
On wrong side of road	16%
Did not have right of way	24%
Cutting in	3%
Failed to signal	5%
Drove off road	19%
Other	3%

Action of pedestrian
(% of pedestrian accidents)

Crossing at street intersections	25%
Crossing between intersections	25%
Children playing in street	7%
Walking on highway	3%
Coming from behind parked vehicle	20%
Crossing highway	14%
Other	6%

D. DRIVING CONDITIONS

The weather

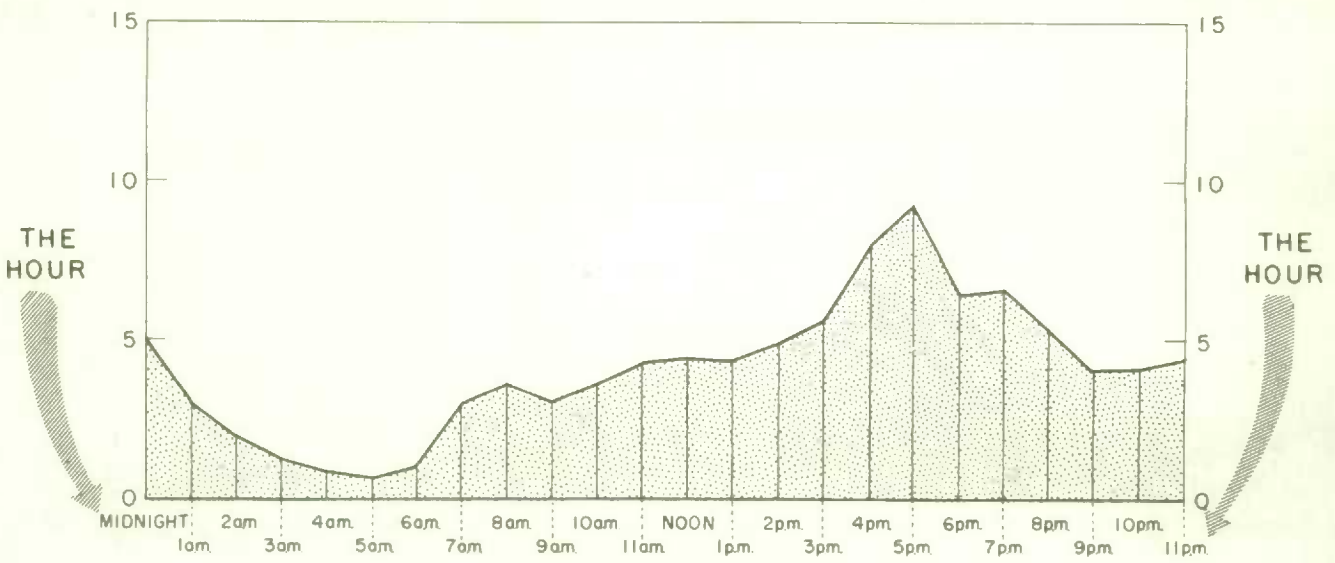
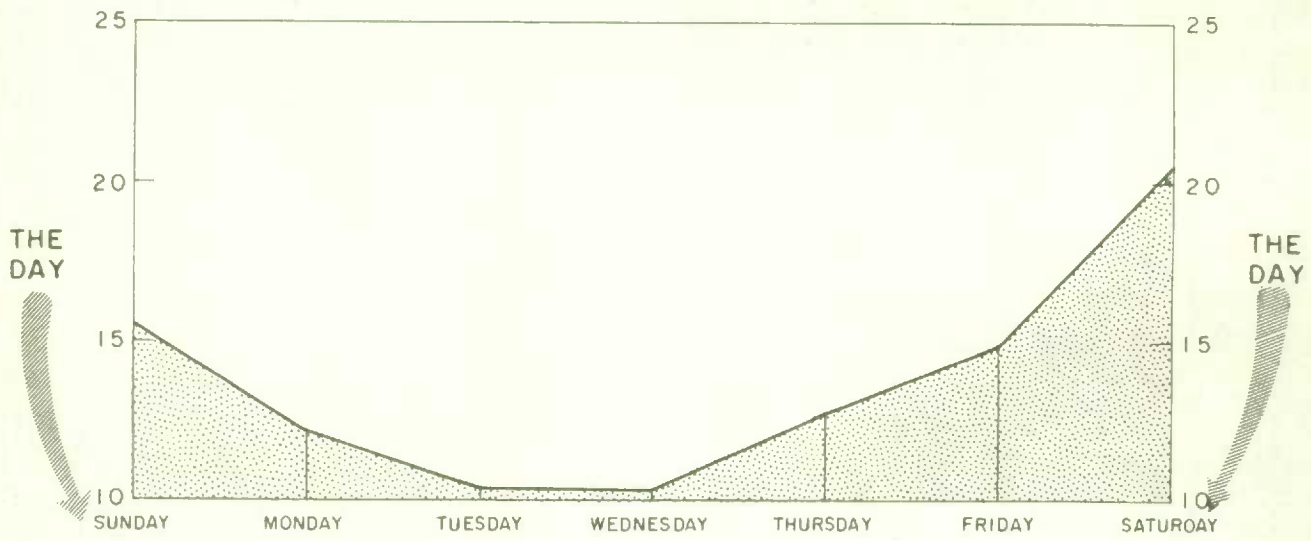
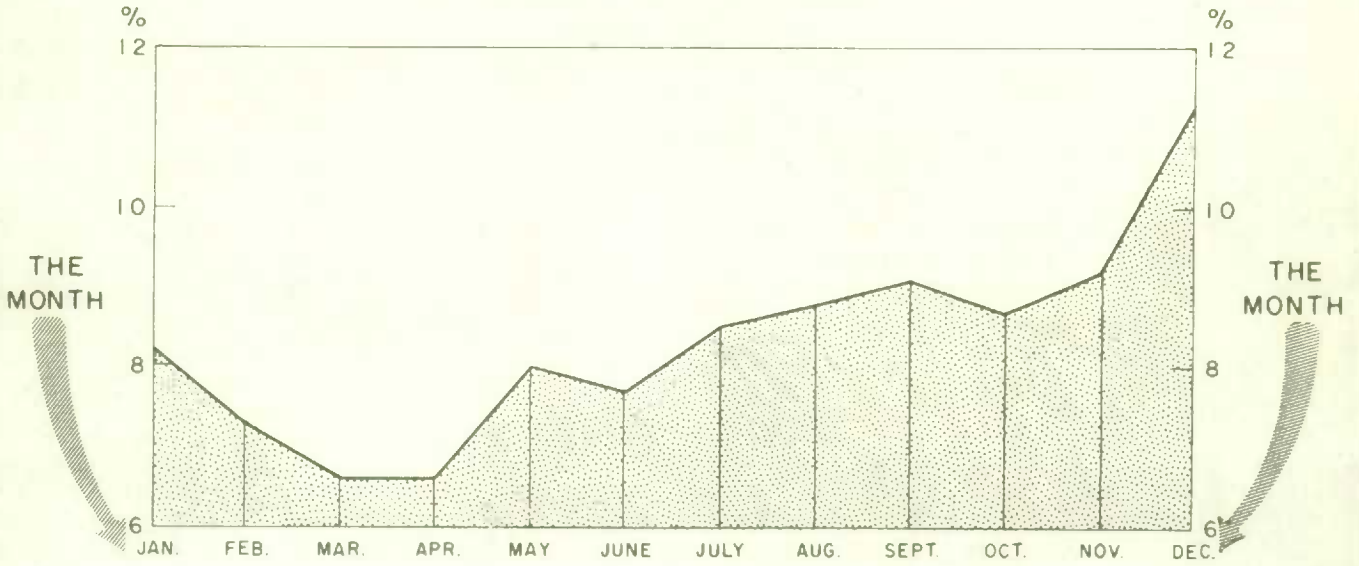
Clear	64%
Cloudy or fog	17%
Rain	12%
Snow or sleet	7%

The road surface

Dry	63%
Wet	20%
Mud, snow, ice	17%

Source: Motor Vehicles Branch, Department of Highways, Province of Ontario.

WHEN TRAFFIC ACCIDENTS OCCUR



SOURCE: MOTOR VEHICLES BRANCH, DEPARTMENT OF HIGHWAYS, PROVINCE OF ONTARIO.

DOMINION BUREAU OF STATISTICS

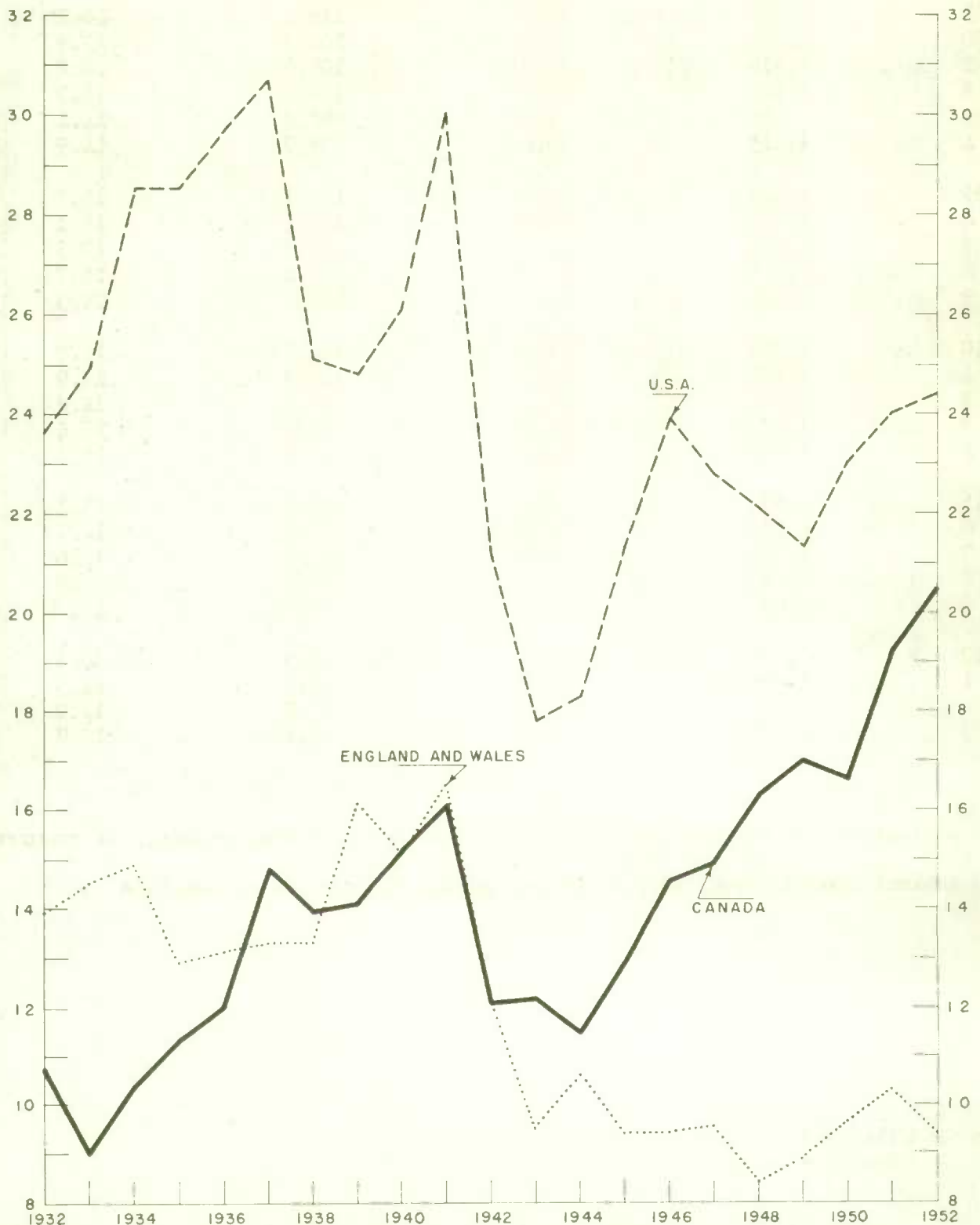
5 - Traffic Accident Deaths in 4 Countries, 1930-1952

Year	<u>Number</u>				<u>Rate per 100,000 population</u>			
	<u>Canada*</u>	<u>U.S.A.</u>	<u>England and Wales</u>	<u>Scotland</u>	<u>Canada*</u>	<u>U.S.A.</u>	<u>England and Wales</u>	<u>Scotland</u>
1930	1,290	32,900	6,269	747	12.7	26.7	15.7	15.4
1	1,316	33,700	5,797	627	12.7	27.2	14.5	12.9
2	1,120	29,500	5,598	648	10.7	23.6	13.9	13.3
3	955	31,363	5,846	662	9.0	24.9	14.5	13.5
4	1,115	36,101	6,021	662	10.4	28.5	14.9	13.4
1935	1,224	36,369	5,240	555	11.3	28.5	12.9	11.2
6	1,316	38,089	5,354	564	12.0	29.7	13.1	11.4
7	1,633	39,643	5,463	608	14.8	30.7	13.3	12.2
8	1,545	32,582	5,474	593	13.9	25.1	13.3	11.9
9	1,584	32,386	6,638	805	14.1	24.8	16.1	16.1
1940	1,723	34,501	6,018	888	15.2	26.1	15.1	17.5
1	1,852	39,969	6,392	1,023	16.1	30.0	16.5	19.9
2	1,409	28,309	4,632	879	12.1	21.2	12.1	17.1
3	1,437	23,823	3,575	751	12.2	17.8	9.5	14.6
4	1,372	24,282	3,994	694	11.5	18.3	10.6	13.4
1945	1,556	28,076	3,598	513	12.9	21.3	9.4	9.9
6	1,781	33,411	3,827	553	14.5	23.9	9.4	10.8
7	1,869	32,697	3,917	504	14.9	22.8	9.5	9.7
8	2,086	32,259	3,579	479	16.3	22.1	8.4	9.2
9	2,285	31,701	3,836	468	17.0	21.3	8.9	9.0
1950	2,270	34,763	4,230	489	16.6	23.0	9.6	9.4
1	2,686	36,848	4,510	516	19.2	24.0	10.3	10.1
2	2,957	38,000	4,117	451	20.5	24.4	9.4	8.8

* Includes motor vehicle traffic and non-traffic accidents, on occurrence basis

Sources: Vital Statistics Section, D.B.S.
 National Safety Council of U.S.A.
 World Health Organization
 United Nations Statistical Office
 Registrar General of England and Wales
 Registrar General of Scotland

TRAFFIC ACCIDENT DEATH RATES IN THREE COUNTRIES (PER 100,000 POPULATION)



SOURCES: VITAL STATISTICS SECTION, D.B.S. NATIONAL SAFETY COUNCIL OF U.S.A.
 WORLD HEALTH ORGANIZATION UNITED NATIONS STATISTICAL OFFICE
 REGISTRAR GENERAL OF ENGLAND AND WALES REGISTRAR GENERAL OF SCOTLAND

6 - Traffic Accident Death Rates, 1929-1953

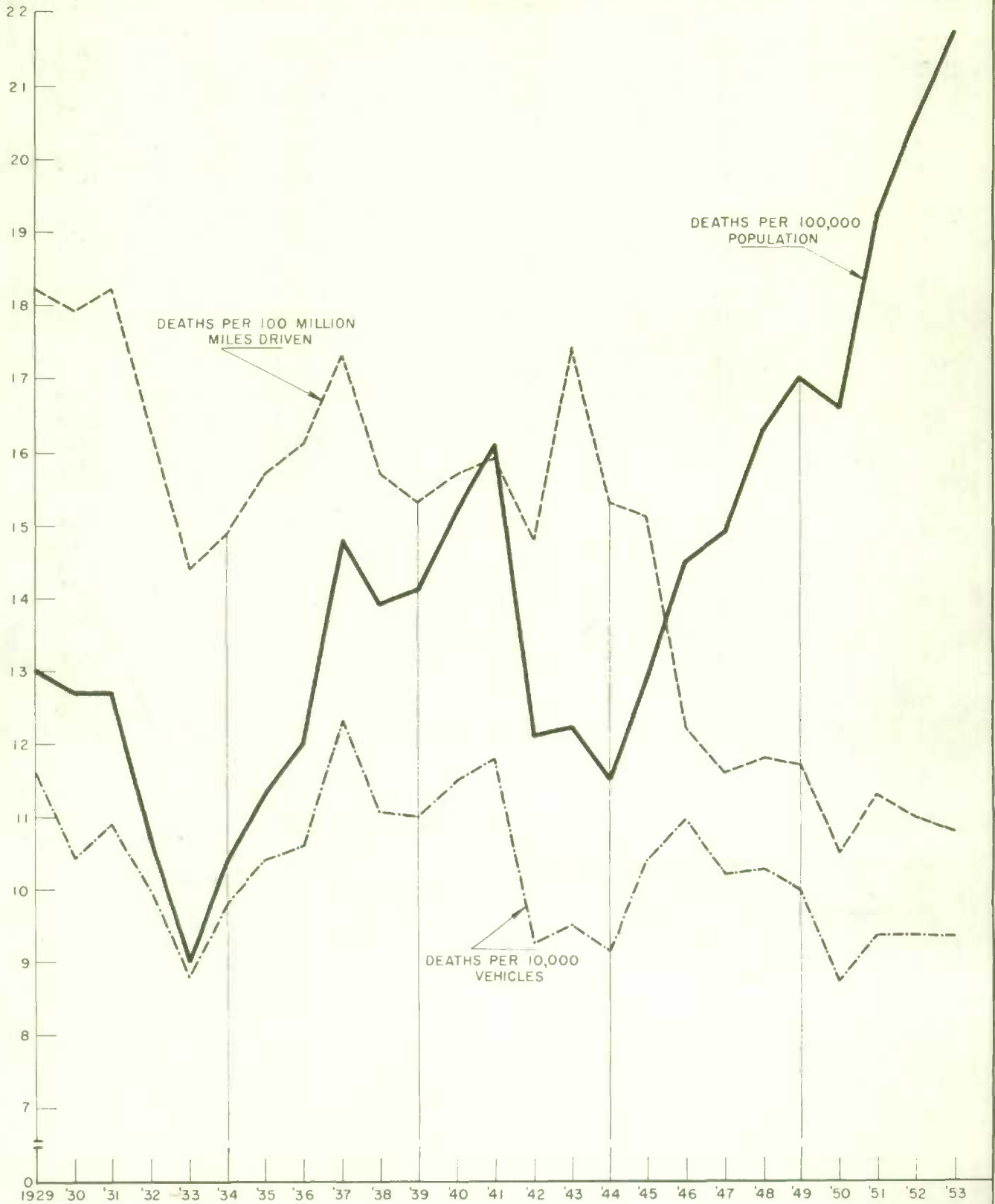
<u>Year</u>	<u>Motor vehicle deaths</u> ⁽¹⁾	<u>Per 100,000 population</u>	<u>Per 100,000 vehicles</u> ⁽²⁾	<u>Per 100 million vehicle-miles</u> ⁽²⁾
1929	1,300	13.0	116.2	18.2
1930	1,290	12.7	104.7	17.9
1	1,316	12.7	109.6	18.2
2	1,120	10.7	100.5	16.3
3	955	9.0	88.2	14.4
4	1,115	10.4	98.7	14.9
1935	1,224	11.3	104.1	15.7
6	1,316	12.0	106.1	16.1
7	1,633	14.8	123.7	17.3
8	1,545	13.9	110.8	15.7
9	1,584	14.1	110.1	15.3
1940	1,723	15.2	114.8	15.7
1	1,852	16.1	117.8	15.9
2	1,409	12.1	92.4	14.8
3	1,437	12.2	95.0	17.4
4	1,372	11.5	91.3	15.3
1945	1,556	12.9	103.9	15.1
6	1,781	14.5	109.8	12.2
7	1,869	14.9	101.8	11.6
8	2,086	16.3	102.5	11.8
9	2,285	17.0	99.8	11.7
1950	2,270	16.6	87.3	10.5
1	2,686	19.2	93.5	11.3
2	2,957	20.5	93.7	11.0
3	3,204	21.7	93.4	10.8

(1) Includes motor vehicle traffic and non-traffic accidents, on basis of occurrence

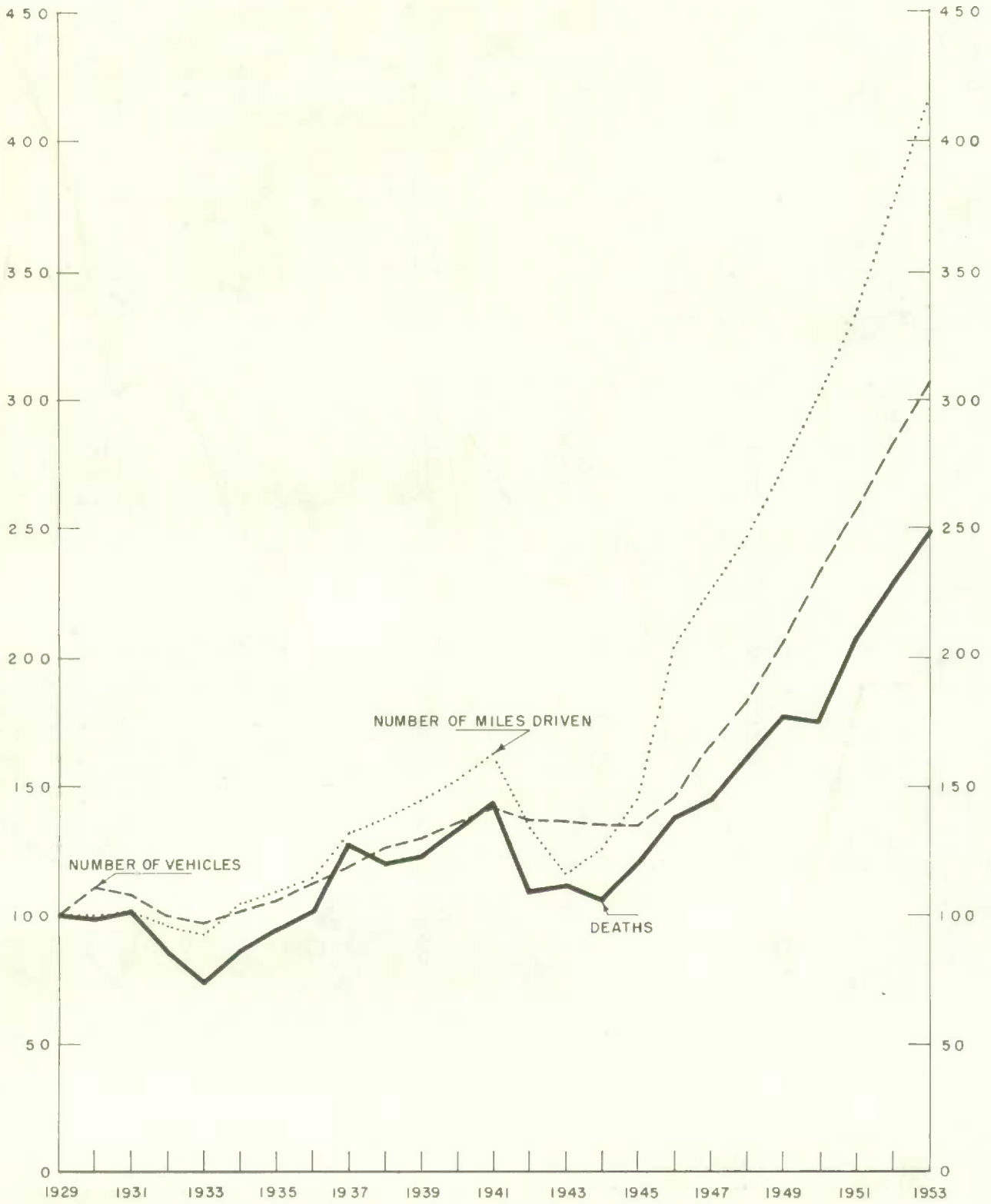
(2) Estimated on basis of 15.6 miles per gallon of gasoline consumption

Source: Vital Statistics Section, D.B.S.
 Transportation Section, D.B.S.

TRAFFIC ACCIDENT DEATH RATES 1929 TO 1953



INDEX OF TRAFFIC DEATHS (1929 = 100)



7 - Traffic Accident Death Rates by Age, 1929-1953

(per 100,000 population in each age group)

<u>Year</u>	<u>All ages</u>	<u>0-4</u>	<u>5-14</u>	<u>15-24</u>	<u>25-44</u>	<u>45-64</u>	<u>65+</u>
1929	13.0	9.6	9.0	12.5	12.5	16.1	30.0
1930	12.7	7.6	9.4	11.6	11.4	18.2	28.2
1	12.7	8.9	7.9	10.7	12.1	18.3	30.9
2	10.7	6.8	7.7	9.5	9.9	13.6	27.6
3	9.0	6.8	5.9	8.1	8.0	10.9	26.0
4	10.4	8.4	6.1	8.1	9.5	14.5	28.6
1935	11.3	8.3	6.1	9.6	10.2	17.2	26.5
6	12.0	7.3	6.6	11.2	11.2	15.2	34.4
7	14.8	9.6	10.9	13.4	12.8	19.7	34.1
8	13.9	11.2	8.3	11.0	12.2	19.6	34.5
9	14.1	9.5	9.3	14.4	11.5	18.3	33.0
1940	15.2	11.0	9.7	13.8	13.7	18.0	38.7
1	16.1	10.5	11.0	13.6	14.4	21.5	37.4
2	12.1	11.9	7.6	11.1	9.6	14.7	30.4
3	12.2	12.3	10.7	11.2	9.6	13.6	25.6
4	11.5	10.4	11.1	9.7	9.0	13.4	24.2
1945	12.8	11.1	10.6	12.1	10.1	13.9	29.8
6	14.4	12.8	11.3	14.6	11.8	15.7	31.2
7	14.9	12.6	12.3	15.3	12.7	14.2	33.9
8	16.2	14.7	10.7	18.0	14.8	16.9	30.4
9	16.8	13.0	12.2	19.2	15.3	16.4	34.7
1950	16.7	11.3	12.4	19.6	13.9	19.0	34.6
1	19.0	13.2	14.0	23.7	16.3	21.4	35.4
2	20.5	15.9	13.4	26.5	18.5	21.8	37.2
3	21.2	15.2	13.4	27.0	19.6	22.9	40.0

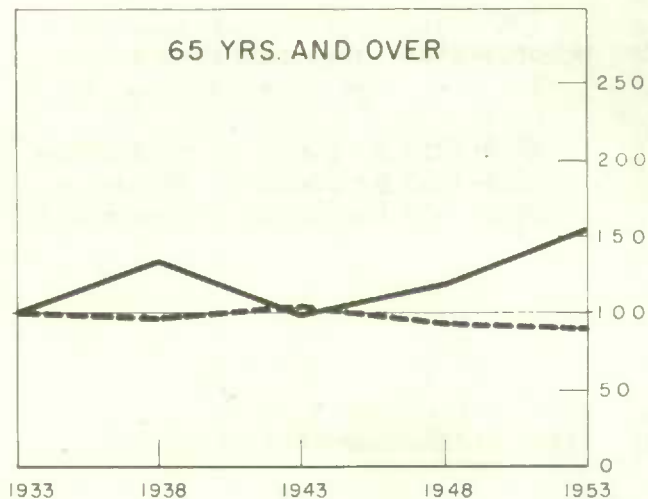
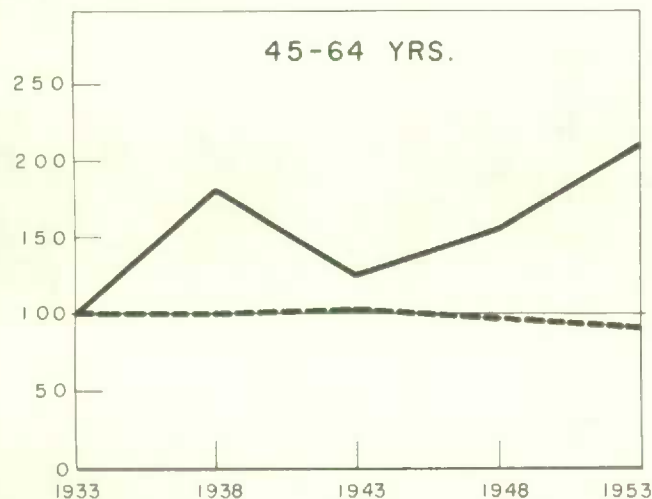
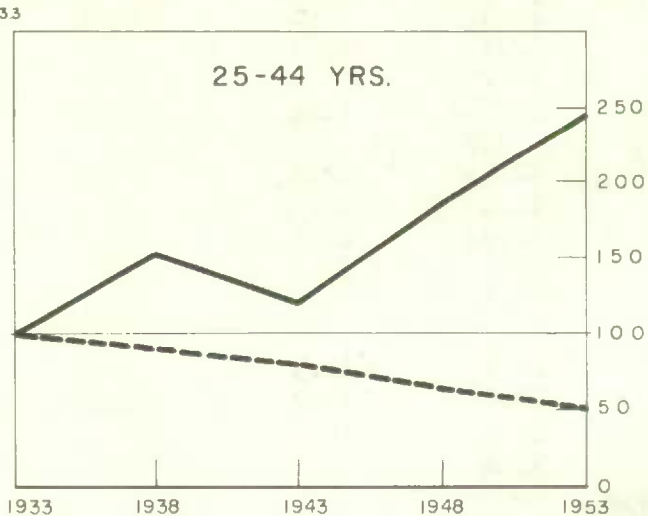
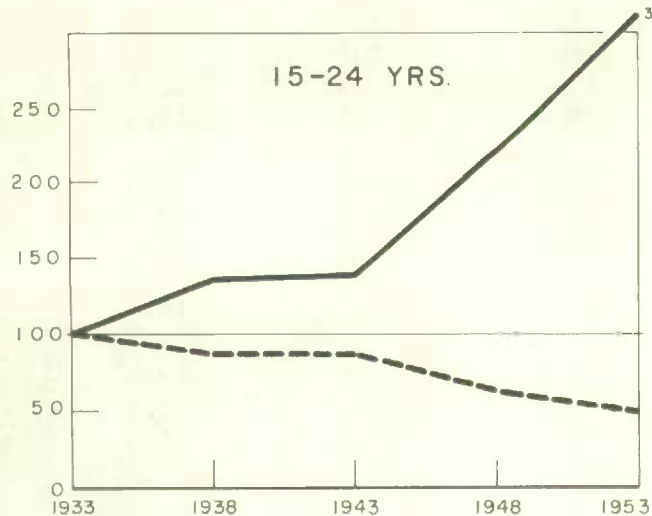
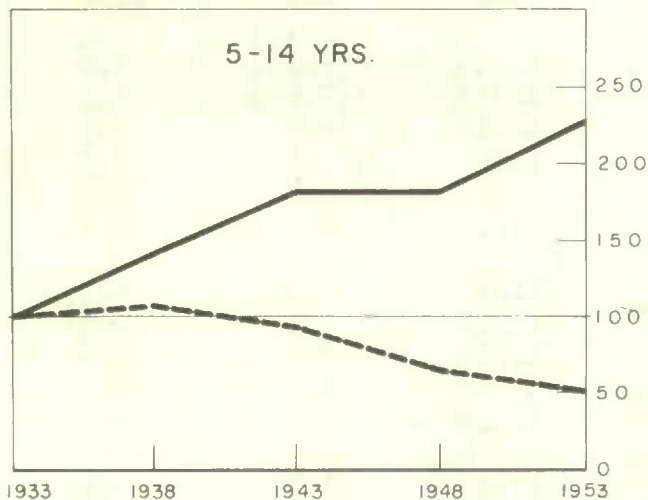
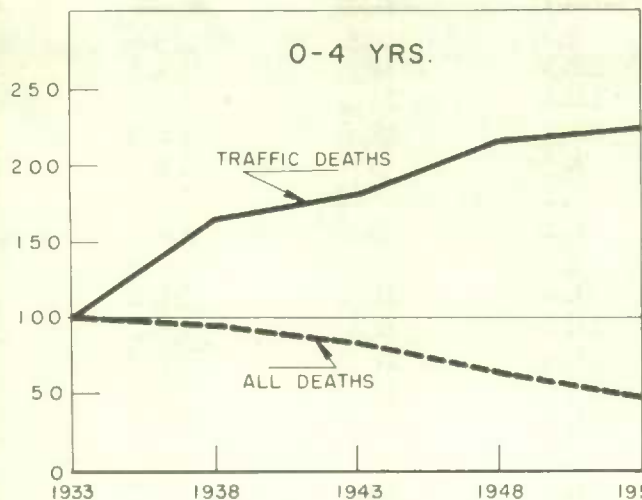
Excludes motor vehicle non-traffic accidents (included in tables 5, 6)

1929-1943 By place of occurrence
 1944-1953 By place of residence
 1949-1953 Including Newfoundland

Source: Vital Statistics Section, D.B.S.

INDEX OF TRAFFIC ACCIDENT DEATH RATES AT EACH AGE

1933=100



8 - Traffic Accident Deaths as Percentage of all Deaths,
by Age, 1929-1953

<u>Year</u>	<u>All ages</u>	<u>0-4</u>	<u>5-14</u>	<u>15-24</u>	<u>25-44</u>	<u>45-64</u>	<u>65+</u>
1929	1.1	0.4	3.9	3.7	2.6	1.3	0.4
1930	1.2	0.3	4.7	3.6	2.5	1.5	0.4
1	1.3	0.4	4.6	3.9	2.8	1.5	0.5
2	1.1	0.3	4.8	3.7	2.4	1.1	0.4
3	0.9	0.4	4.2	3.4	2.1	0.9	0.4
4	1.1	0.4	4.4	3.7	2.5	1.2	0.4
1935	1.2	0.4	4.0	4.2	2.6	1.5	0.4
6	1.2	0.4	4.3	4.8	2.9	1.3	0.5
7	1.4	0.4	6.4	5.7	3.3	1.6	0.5
8	1.4	0.6	5.5	5.2	3.5	1.7	0.5
9	1.5	0.6	6.8	7.2	3.4	1.5	0.5
1940	1.6	0.7	7.7	7.0	4.2	1.5	0.6
1	1.6	0.6	8.2	6.8	4.3	1.8	0.6
2	1.2	0.7	6.4	5.5	3.1	1.2	0.5
3	1.2	0.8	8.4	5.3	3.1	1.1	0.4
4	1.2	0.7	9.0	5.3	3.2	1.1	0.4
1945	1.4	0.8	9.9	7.3	3.7	1.2	0.5
6	1.5	0.9	10.6	8.6	4.4	1.4	0.5
7	1.6	0.9	13.0	9.4	5.0	1.2	0.5
8	1.7	1.2	12.5	12.0	5.9	1.5	0.5
9	1.8	1.1	14.2	13.5	6.4	1.4	0.6
1950	1.8	1.0	15.8	16.0	6.3	1.7	0.6
1	2.1	1.3	18.8	18.8	7.5	1.9	0.6
2	2.3	1.6	17.6	22.0	8.7	2.0	0.6
3	2.5	1.6	19.1	23.0	9.6	2.1	0.7

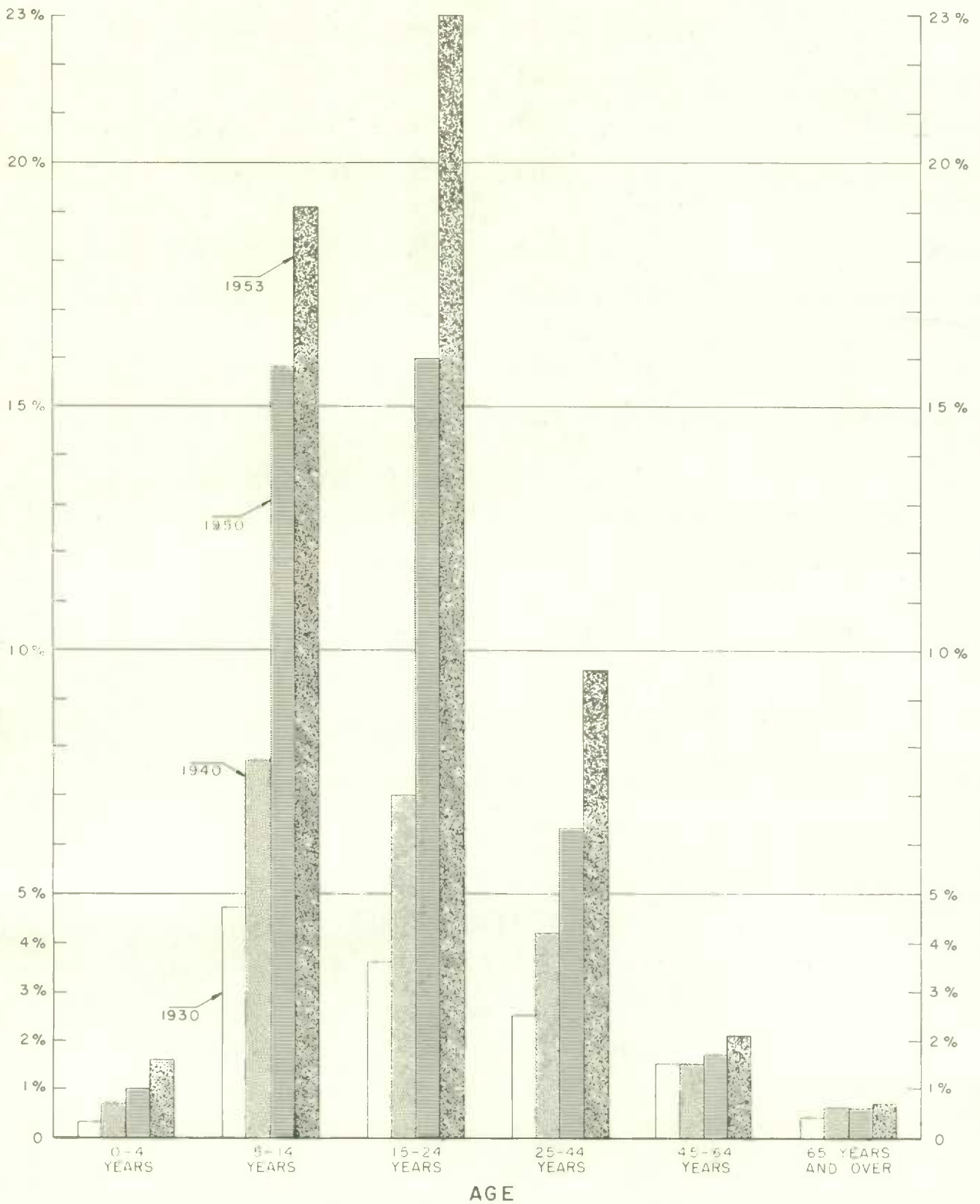
Excludes motor vehicle non-traffic accidents (included in tables 5, 6)

1929-1943 By place of occurrence
1944-1953 By place of residence
1949-1953 Including Newfoundland

Source: Vital Statistics Section, D.B.S.

TRAFFIC DEATHS AS PERCENTAGE OF ALL DEATHS, AT EACH AGE

1930 - 1953



9 - Death Rates from Various Causes, 1926-1953

<u>Cause</u>	<u>1926-30</u>	<u>1931-35</u>	<u>1936-40</u>	<u>1941-45</u>	<u>1946-50</u>	<u>1953</u>	<u>% change, 1926-30 to 1953</u>
Tuberculosis	80.3	65.5	56.3	50.0	37.0	12.3	- 84.7
4 Communicable diseases ⁽¹⁾	29.1	14.7	13.4	8.7	4.5	2.1	- 92.8
Influenza, bronchitis and pneumonia	134.0	100.6	97.4	69.0	55.2	46.3	- 65.4
Diabetes	11.4	12.5	14.4	19.7	18.2	11.0	- 3.5
Cardiovascular renal disease ⁽²⁾	278.1	281.6	314.4	391.5	406.3	421.4	+ 51.5
Cancer	85.7	98.0	110.2	118.5	123.6	123.0	+ 43.5
Traffic accidents ⁽³⁾	10.5	10.8	14.0	12.9	15.8	21.2	+ 101.9

(1) Diphtheria, whooping cough, measles, scarlet fever

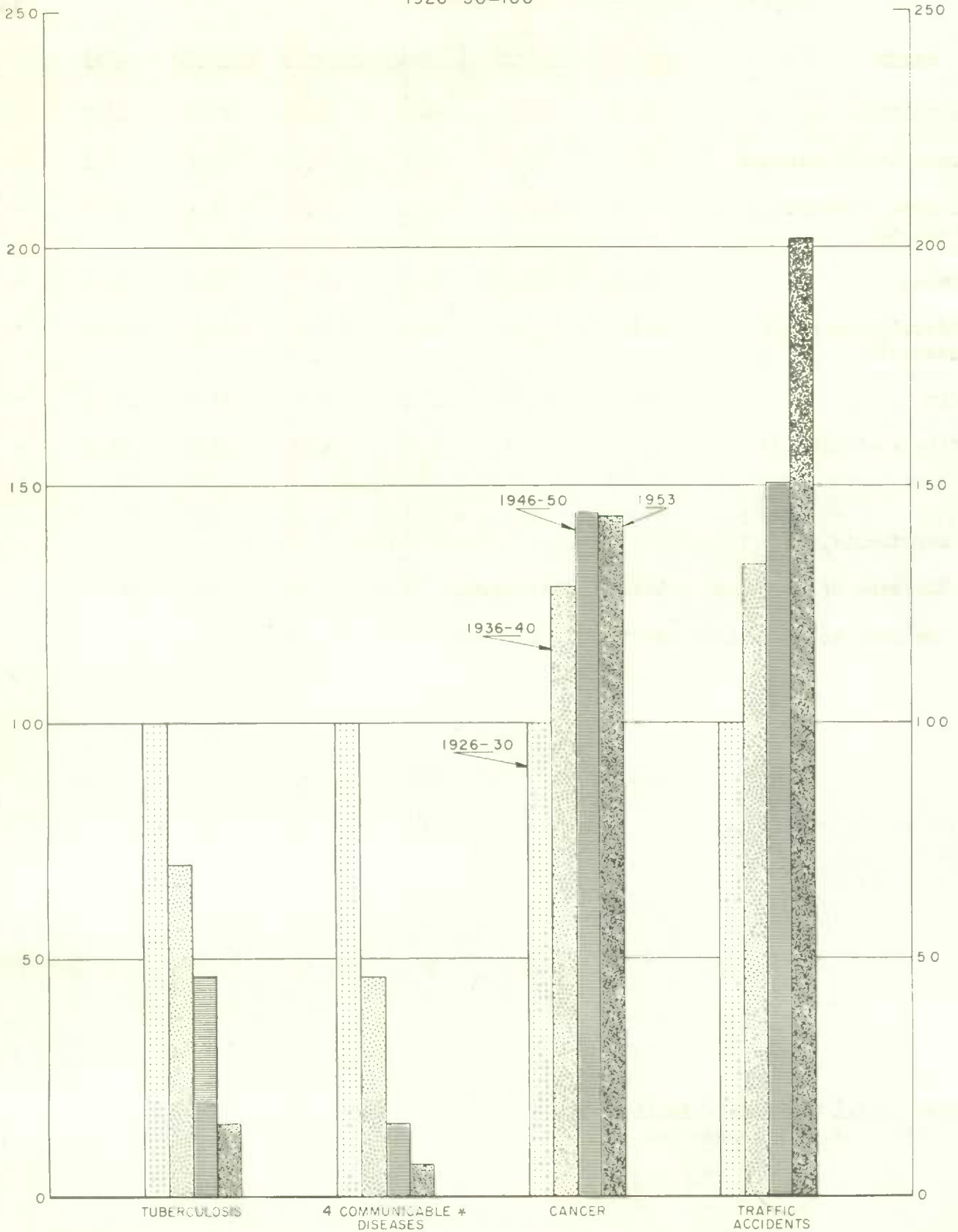
(2) Diseases of heart and arteries, intracranial lesions, chronic nephritis

(3) Excludes motor vehicle non-traffic accidents (included in tables 5, 6)

Source: Vital Statistics Section, D.B.S.

INDEX OF DEATH RATES FROM CERTAIN CAUSES

1926-30=100



* DIPHTHERIA, WHOOPING COUGH, MEASLES, SCARLET FEVER.

10 - Leading Causes of Death at School Ages, 1953

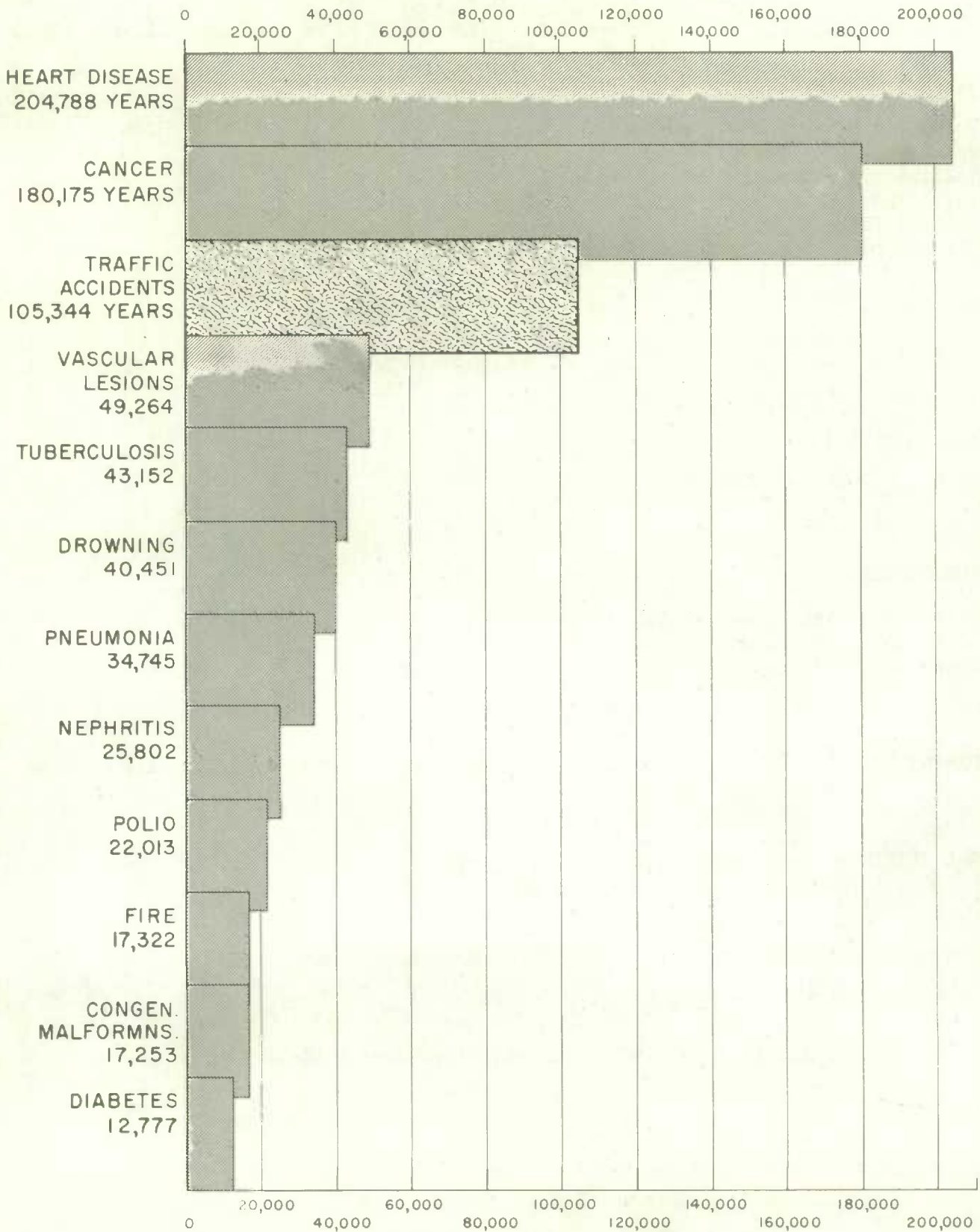
<u>Cause</u>	<u>Rate per 100,000 in</u> <u>each age group</u>					<u>Rank</u>				
	<u>5-24</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>5-24</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>
Traffic accidents	19.1	16.6	9.0	24.8	28.5	1	1	1	1	1
Drowning	8.7	7.9	7.2	11.6	8.8	2	3	2	2	3
Cancer	7.9	8.7	6.0	7.8	9.3	3	2	3	3	2
Poliomyelitis	4.6	3.3	3.6	4.1	7.8	4	4	4	5	5
Tuberculosis	4.3	3.1	2.8	4.2	8.0	5	7	5	4	4
Heart disease	2.3	1.0	1.2	3.1	4.7	6	12	12	6	7
Pneumonia	2.3	3.3	1.7	1.4	2.5	7	5	8	13	9
Nephritis	2.2	2.3	1.5	2.1	3.1	8	9	11	10	8
Congenital malformations	2.2	2.7	1.8	1.8	2.5	9	8	7	11	10
Rheumatic fever	2.0	1.2	2.8	2.9	1.2	10	10	6	7	14
Fire	1.9	3.2	1.7	0.8	1.5	11	6	9	14	13
Suicide	1.8	-	0.4	2.6	5.1	12	15	15	8	6
Firearms accidents	1.5	0.6	1.6	2.5	1.6	13	14	10	9	12
Epilepsy	1.4	1.0	0.8	1.8	2.2	14	13	13	12	11
Appendicitis	1.0	1.2	0.8	0.5	1.2	15	11	14	15	15

Excludes motor vehicle non-traffic accidents (included in tables 5, 6)

Source: Vital Statistics Section, D.B.S.

LOST LIFE EXPECTANCY* FROM LEADING CAUSES

(EXCLUDING DEATHS UNDER 1 YEAR)



* THE NUMBER OF YEARS BETWEEN THE AGE AT DEATH AND THE AVERAGE LIFE EXPECTANCY OF 70 YEARS.

11 - Deaths from Motor Vehicle Traffic Accidents, by Age, 1953

<u>Type of accident</u>	<u>All ages</u>	<u>0-4</u>	<u>5-14</u>	<u>15-24</u>	<u>25-44</u>	<u>45-64</u>	<u>65+</u>
OCCUPANTS OF VEHICLES	1,792	52	71	463	674	374	158
Collision between vehicles	738	24	34	172	266	178	64
Collision with train	172	4	8	52	56	40	12
Collision with street-car	5	-	-	-	3	1	1
Collision with animal	9	-	2	2	1	3	1
Hitting fixed object	68	-	-	19	27	14	8
Hitting pedestrian or pedal cyclist	-	-	-	-	-	-	-
TOTAL COLLISION	992	28	44	245	353	236	86
Boarding or alighting	3	-	-	-	-	1	2
Overturning in roadway	167	1	3	54	72	21	16
Running off roadway	478	11	15	134	193	89	36
Other non-collision	73	11	7	12	21	18	4
Not specified	79	1	2	18	35	9	14
TOTAL NON-COLLISION	800	24	27	218	321	138	72
MOTOR CYCLISTS	77	-	2	51	18	4	2
Collision with motor vehicle	53	-	1	38	10	3	1
Collision with animal or object	8	-	-	6	2	-	-
Overturning or running off roadway	16	-	1	7	6	1	1
PEDESTRIANS	1,117	196	263	51	117	198	292
PEDAL CYCLISTS	67	1	29	16	7	9	5
TOTAL	3,053	249	365	581	816	585	457

Excludes motor vehicle non-traffic accidents (included in tables 5, 6)

Source: Vital Statistics Section, D.B.S.

12 - Nature of Fatal Injuries, by all Types of Accident and Violence, 1953

<u>Nature of injury</u>	Total	Road Transport Accidents*	Water Transport Accidents	Air Transport Accidents	Accidental Poisoning	Accidental Falls	All other Accidents	Total Accidents	Suicide	Homicide
Total	9,870	3,354	311	134	343	1,469	3,041	8,652	1,052	166
Head fracture	2,322	1,657	7	44	-	244	266	2,218	68	36
Spinal, rib or pelvic fracture	536	326	1	2	-	111	74	514	9	13
Limb fracture	1,053	122	-	10	-	874	45	1,051	1	1
Dislocations and sprains	11	5	-	-	-	5	1	11	-	-
Head injury without fracture	737	270	1	13	-	114	107	505	203	29
Internal injury of chest, abdomen, pelvis	1,275	728	-	48	-	70	314	1,160	86	29
Lacerations and open wounds	197	57	-	1	-	7	50	115	64	18
Superficial injury, contusion	14	4	-	-	-	8	2	14	-	-
Foreign body entering through orifice	300	4	-	-	-	2	294	300	-	-
Burns	399	27	2	7	-	-	352	388	5	6
Poisoning	818	4	3	2	343	-	200	552	258	8
Other and unspecified lesions	2,208	150	297	7	-	34	1,336	1,824	358	26

* Includes - Railway accidents, Motor vehicle traffic accidents (see table 13),
Motor vehicle non-traffic accidents, Other road vehicle accidents.

	%	%	%	%	%	%	%	%	%	%
Total	100.0	34.0	3.2	1.4	3.5	14.9	30.8	87.7	10.7	1.7
Head fractures	100.0	71.4	0.3	1.9	-	10.5	11.5	95.5	2.9	1.6
Spinal, rib or pelvic fracture	100.0	60.8	0.2	0.4	-	20.7	13.8	95.9	1.7	2.4
Limb fracture	100.0	11.6	-	0.9	-	83.0	4.3	99.8	0.1	0.1
Dislocations and sprains	100.0	45.5	-	-	-	45.5	9.1	100.0	-	-
Head injury without fracture	100.0	36.6	0.1	1.8	-	15.5	14.5	68.5	27.5	3.9
Internal injury of chest, abdomen, pelvis	100.0	57.1	-	3.8	-	5.5	24.6	91.0	6.7	2.3
Lacerations and open wounds	100.0	28.9	-	0.5	-	3.6	25.4	58.4	32.5	9.1
Superficial injury, contusion	100.0	28.6	-	-	-	57.1	14.3	100.0	-	-
Foreign body entering through orifice	100.0	1.3	-	-	-	0.7	98.0	100.0	-	-
Burns	100.0	6.8	0.5	1.8	-	-	88.2	97.2	1.3	1.5
Poisoning	100.0	0.5	0.4	0.2	41.9	-	24.4	67.5	31.5	1.0
Other and unspecified lesions	100.0	6.8	13.5	0.3	-	1.5	60.5	82.6	16.2	1.2

Source: Vital Statistics Section, D.B.S.

13 - Nature of Fatal Injuries, by Type of Traffic Accident, Canada, 1953

<u>Nature of injury</u>	<u>Total</u>	<u>Collision with train</u>	<u>Collision between vehicles</u>	<u>Hitting fixed object</u>	<u>Overturning or running off roadway</u>	<u>Pedestrians</u>	<u>Other and unspecified</u>
Total	3,053	172	796	85	661	1,184	155
Head fractures	1,087	60	283	31	196	460	57
Spinal, rib or pelvic fractures	295	16	58	12	82	117	10
Limb fractures	113	6	28	3	14	59	3
Multiple fractures	442	36	124	11	68	183	20
Head injury without fracture	248	8	64	5	49	98	24
Internal injuries	666	42	193	16	142	238	35
Laceration and open wounds	25	1	11	1	7	4	1
Burns	23	2	7	1	13	-	-
Other injuries	154	1	28	5	90	25	5
	%	%	%	%	%	%	%
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Head fractures	35.6	34.9	35.6	36.5	29.7	38.9	36.8
Spinal, rib or pelvic fractures	9.7	9.3	7.3	14.1	12.4	9.9	6.5
Limb fractures	3.7	3.5	3.5	3.5	2.1	5.0	1.9
Multiple fractures	14.5	20.9	15.6	12.9	10.3	15.5	12.9
Head injury without fracture	8.1	4.7	8.0	5.9	7.4	8.3	15.5
Internal injuries	21.8	24.4	24.2	18.8	21.5	20.1	22.6
Laceration and open wounds	0.8	0.6	1.4	1.2	1.1	0.3	0.6
Burns	0.8	1.2	0.9	1.2	2.0	-	-
Other injuries	5.0	0.6	3.5	5.9	13.6	2.1	3.2

* Includes 67 pedal cyclists

Source: Vital Statistics Section, D.B.S.

TYPE OF ACCIDENT AND CAUSE OF DEATH

(EACH SYMBOL=THREE PERSONS)

OF EVERY 100 PERSONS KILLED IN COLLISIONS-



HEAD FRACTURE
36



TRUNK, LIMB OR
MULTIPLE FRACTURE
28



INTERNAL INJURY
24



OTHER
12

OF EVERY 100 PERSONS KILLED BY OVERTURNING, RUNNING OFF ROAD, ETC.-



HEAD FRACTURE
31



TRUNK, LIMB OR
MULTIPLE FRACTURE
24



INTERNAL INJURY
22



OTHER
23

OF EVERY 100 PEDESTRIANS KILLED -



HEAD FRACTURE
39



TRUNK, LIMB OR
MULTIPLE FRACTURE
30



INTERNAL INJURY
20



OTHER
11

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