

about one-half over a 25-year period, and for ages over 45 the rates of decline would become progressively smaller with increasing age. For all ages, it was assumed that mortality would remain constant after 1983.

The method initially established for the development of future mortality rates applicable for the population of all of Canada was based on the general assumption that mortality would continue to improve for each age in the future at the rate that applied over the period from 1931 to 1956. However, rates produced in accordance with this method were not generally reasonable for the younger ones where mortality as a result of communicable diseases is now very low and mortality as a result of accidents is unlikely to improve a great deal in the future. As a result, the level of the rates initially developed for the younger ages for application in the year 2000 and after were adjusted upwards, keeping in mind the general levels of the rates forecast by the U.S. and British actuaries for the population projections mentioned above. Minor adjustments were made for some of the higher age groups.

In Schedule 1 below is given, for specimen ages, a comparison of the mortality rates developed for the current population projections for all of Canada as applicable for the year 2000 and after with the average of the low and high rates predicted as applicable for the U.S. population for the year 2000 and after and with the rates predicted as applicable for the British population for the year 1983 and after. (Note: The U.S. and British rates are not exact—they were read from graphs drawn through or near specimen rates that were immediately available in published reports.)

In Schedule 2 below is given, for specimen ages, a comparison of mortality rates from the Canadian Life Tables 1930-32, 1940-42, 1950-52 and 1960-62 with the rates forecast for the year 2000 and after.

In Schedule 3 below is given, for specimen ages, a comparison of mortality rates from the Canadian Life Tables 1950-52 and 1960-62 with mortality rates from the corresponding Quebec Life Tables.

SCHEDULE 1
PROJECTED POPULATION MORTALITY RATES
(per 1,000 persons)

| Age | United States (average of high and low rates for year 2000 and after) | | Great Britain (rates for year 1983 and after) | | Canada (rates for year 2000 and after) | |
|-----|--|--------|---|--------|--|--------|
| | Male | Female | Male | Female | Male | Female |
| 0 | 15.44 | 12.06 | 13.10 | 10.20 | 13.00 | 10.00 |
| 1 | 1.15 | .95 | .61 | .50 | 1.00 | .81 |
| 2 | .92 | .75 | .50 | .43 | .88 | .68 |
| 3 | .75 | .60 | .41 | .37 | .77 | .57 |
| 4 | .62 | .48 | .34 | .31 | .67 | .48 |
| 5 | .52 | .39 | .28 | .27 | .59 | .41 |
| 7 | .38 | .27 | .20 | .20 | .46 | .31 |
| 10 | .32 | .21 | .17 | .14 | .34 | .23 |
| 12 | .38 | .24 | .21 | .13 | .31 | .21 |
| 15 | .74 | .35 | .31 | .15 | .31 | .21 |
| 17 | 1.21 | .43 | .38 | .18 | .35 | .23 |
| 20 | 1.49 | .52 | .45 | .24 | .45 | .29 |
| 25 | 1.44 | .61 | .49 | .34 | .71 | .46 |
| 30 | 1.37 | .73 | .55 | .44 | 1.08 | .71 |
| 35 | 1.58 | 1.02 | .75 | .59 | 1.57 | 1.05 |
| 40 | 2.67 | 1.62 | 1.26 | .92 | 2.22 | 1.51 |
| 45 | 4.65 | 2.53 | 2.43 | 1.61 | 3.19 | 2.17 |
| 50 | 7.12 | 3.78 | 5.35 | 2.93 | 5.18 | 3.15 |
| 55 | 11.27 | 5.45 | 10.50 | 4.67 | 9.14 | 4.61 |
| 60 | 16.90 | 8.20 | 17.80 | 7.50 | 15.52 | 7.22 |
| 65 | 24.10 | 12.50 | 28.70 | 13.80 | 24.76 | 12.65 |
| 70 | 35.50 | 21.40 | 45.30 | 25.30 | 38.39 | 22.81 |
| 75 | 56.10 | 40.20 | 73.80 | 46.30 | 60.14 | 40.33 |
| 80 | 90.40 | 71.60 | 119.50 | 83.00 | 96.56 | 68.60 |
| 85 | 141.80 | 118.50 | 190.50 | 151.70 | 151.41 | 110.73 |
| 90 | 209.80 | 183.00 | 288.80 | 265.00 | 226.12 | 168.42 |