## THE RECENT TREND OF MORTALITY IN GREAT BRITAIN

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MORTALITY rates in Great Britain have been considered in a series of notes, the last of which appeared in J.I.A. 97, 331, and dealt with mortality in 1970. The results of the 1971 Census appeared to indicate, however, that the estimates of population for the years since the 1961 Census needed revision. To have produced tables for 1971 and subsequent years without revising the death rates for 1961 to 1970 would have distorted the true trend of mortality and consequently preparation of these notes, which are normally produced annually, has been suspended until revised population estimates for the inter-Censal years were available. The series is now being resumed, but the opportunity has been taken to change the basis of standardization to the 1971 Census population.

Central death-rates for Great Britain in the years 1961 to 1974 are given in Tables 1 to 4, together with the ratio of those rates to the corresponding rates for the three years 1970–72, which have been taken as a standard. In calculating the mortality rates, the deaths are those recorded as occurring in Great Britain in the year, and the population used is the 'home' population at the respective mid-year points, i.e. the number of people actually in the country at the time, as estimated by the Registrars General of England and Wales and of Scotland. As indicated above, the estimates used are the revised estimates prepared after the 1971 Census results were known.

In order that the trend of mortality rates may be conveniently studied, standardized group death-rates for 1930-32, 1950-52, and for each year from 1961 to 1974 are set out in Table 5, and the ratios to the 1970-72 standard are given in Table 6; the ratios for 1961 to 1974 are also shown graphically. The age groups used are five in number—under age 1 (infants), 1-14 (children), 15-44 (younger adults), 45-64 (the middle-aged) and 65 and over (the elderly). The group death-rates and ratios have been standardized by five-year age groups on the age-distribution of the Great Britain population at the 1971 Census, so as to estimate the effect of changes in the age-distribution of the population.

It is clear from the tables that the general trend of mortality rates since 1961 has been downward, and this impression is reinforced by the diagrams, which show improvements of 20 to 30 per cent in the ten years to 1971 for infants and children, but slower improvement at the older ages. It is, however, difficult to determine the true trends because of the year-to-year fluctuations. The all-ages standardized rate was, for example, about 3 per cent lower in 1971 than in 1970, but rose again by a similar amount in 1972, only to fall again at a more modest rate in 1973 and 1974.

Table 1. Death-rates for age-groups in Great Britain in the years 1961 to 1974—Males

| 1974       | -01884  | 4,000    | -00036     | 00033             | 06000  | -00097         | 68000÷ | 00110  | .00161 | -00294 | -00537      | -00935 | -01572 | -02513 | \$<br>4  | -06685 | .09849 | .14939 | -24245    | -01240                   | -01217        |
|------------|---------|----------|------------|-------------------|--------|----------------|--------|--------|--------|--------|-------------|--------|--------|--------|----------|--------|--------|--------|-----------|--------------------------|---------------|
| 1973       | -01889  | 6,000    | 900        | 8003              | 98000  | .00107         | 26000  | .00111 | •00166 | .00295 | .00553      | -00923 | -01606 | -02547 | .04208   | 62990  | 10192  | .14963 | .24264    | .01247                   | -01233        |
| 1972       | -01914  | 6/000    | 00042      | 90036             | 98000  | 90 <u>10</u> 0 | 68000÷ | 11100  | ÷00170 | .00297 | .00551      | .00945 | .01585 | .02639 | ·04352   | .06905 | 10351  | 15051  | -24705    | -01266                   | -01256        |
| 1971       | -02021  | )<br>(2) | ÷          | ÷                 | -0000  | .00097         | .00091 | -00111 | .00168 | .00303 | .00548      | .00916 | 01542  | .02582 | .04212   | .06548 | .09871 | .14460 | .23460    | -01219                   | -01215        |
| 1970       | -02136  | 00082    | 900        | 989               | 0000   | 00100          | -00093 | .00116 | -00168 | .00305 | .00550      | .00942 | .01611 | .02677 | 04400    | .06845 | .10129 | 13819  | .25376    | .01246                   | -01253        |
| 1969       | -02089  | 68086    | 00042      | .0003             | .00093 | -00095         | -00095 | -00115 | .00170 | -00314 | .00568      | .00971 | .01629 | .02780 | -04575   | -07026 | 10200  | -14198 | .25076    | -01263                   | -01280        |
| 1968       | -02175  |          | 60045      | <del>6</del> 0040 | 06000  | 96000          | -00092 | •00100 | -00171 | -00314 | -00530      | .00949 | -01614 | -05698 | 9440     | -06887 | .10396 | 14977  | .26633    | -01253                   | .01280        |
| 1961       | -02093  | 9800     | 5000       | 00047             | ÷6000  | 66000          | .00097 | -00115 | -00174 | ÷00304 | -00522      | ÷0600÷ | -01584 | -02651 | -04287   | .06502 | 98260  | 14018  | .24060    | -01191                   | -01219        |
| 1966       | -02241  |          | 3          | 00042             | -00100 | .00100         | 00100  | 00122  | .00186 | -00316 | .00536      | -00956 | .01634 | .02794 | ÷        | .06817 | .10319 | 15225  | -26070    | .01249                   | -01290        |
| 1965       | -02246  | 888      | 3          | 00042             | 00100  | 00100          | .00103 | .00121 | 00100  | 00321  | .00542      | 00951  | .01625 | .02804 | <b>•</b> | 06647  | .09821 | 15234  | -24472    | -01231                   | -01268        |
| 1964       | -02383  | 8800     | 3          | \$<br>5<br>7      | 86000  | ÷01110         | 00103  | 00123  | -00193 | .00313 | .00550      | 00940  | 01644  | .02781 | 04305    | .06513 | 9200   | .14851 | .23560    | ·01206                   | .01251        |
| 1963       | -02512  | 10100    | 00000      | 8                 | 68000  | -00112         | .00103 | 00125  | 90,500 | .00318 | .00559      | -00967 | -01734 | -02925 | 04613    | -07053 | 10801  | .16918 | .27325    | -01294                   | .01354        |
| 1962       | -02614  | 5        | 5          | <b>6</b>          | -0000  | ÷              | 66000  | 00122  | .00192 | 00304  | 00540       | -00957 | -01718 | .02881 | -04528   | .06958 | 10553  | 16245  | 26131     | -01266                   | -01326        |
| 1961       | -02545  | 95133    | 9          | 00030             | 06000  | 00112          | -00106 | -00128 | -00193 | -00307 | <b>2005</b> | -00957 | -01714 | 02896  | .04507   | 06890  | 10631  | .16060 | -25858    | .01263                   | -01323        |
| Age groups | Under 1 | 4.       | 6-6<br>6-8 | 10-14             | 15-19  | 20-24          | 25-29  | 30-34  | 35-39  | 40 44  | 45.49       | 50-54  | 55-59  | 40-00  | 62-69    | 70-74  | 75-79  | 80-84  | 85 & over | All ages:<br>Crude rates | Standardized* |

\* Standardized on 1971 Census age distribution.

Table 2. Death-rates for age-groups in Great Britain in the years 1961 to 1974—Females

| 1.40           | table 2. Death-rates for | מונו-גומ | nes lor | nge-gi | odno.  | מ מונים | מווית ו | age-groups in Oreal Drivain in the years 1701 | mak ai   | 1001   |        | 7         | C THE CO |        |
|----------------|--------------------------|----------|---------|--------|--------|---------|---------|---|----------|--------|--------|-----------|----------|--------|
| Age groups     | 1961                     | 1962     | 1963    | 1964   | 1965   | 1966    | 1961    | 1968  | 1969     | 1970   | 1761   | 1972      | 1973     | 1974   |
| I rader 1      | .01983                   | -01055   | .01928  | .01850 | 01705  | -01706  | 01664   | -01620  | -01582   | -01627 | 01540  | -01489    | ·01448   | -01419 |
| 4              | 00082                    | 08000    | -00084  | -00076 | 0000   | -00076  | 0000    | 00073   | 69000    | .00065 | 0000   | 000       | 1900     | 00059  |
| 9              | 00032                    | -00033   | .00032  | -00031 | 00031  | 00030   | 00030   | 00031   | 00056    | -00058 | 00029  | ·00029    | 00057    | 00056  |
| 10-14          | -00025                   | -00025   | -00024  | -00026 | 0005   | 00026   | 00028   | 00026   | -00052   | 00023  | 00024  | -00019    | 00021    | 00023  |
| 15.10          | 0000                     | 00036    | -00035  | 0000   | 0000   | 00043   | 000     | .00037  | .00038   | 90039  | .00038 | 00040     | 00041    | 00037  |
| 20-24          | 00051                    | 9000     | 00045   | 00047  | 00047  | 00046   | 0000    | 900   | 000<br>4 | 00046  | 00042  | 900<br>44 | 90043    | 00042  |
| 8              | -00058                   | -00063   | -00062  | 0000   | 09000  | 00029   | 00053   | ÷0005   | -00054   | .00052 | 00000  | 00049     | 0000     | 900    |
| 25             | 68000                    | 0000     | 6000    | 00083  | 00081  | 000     | 92000   | 00079   | .00075   | .00073 | -00075 | 00071     | 69000    | 9000   |
| 35-36          | 00139                    | -00143   | -00142  | -00127 | 00135  | 00129   | 00127   | -00125  | 00124    | 00120  | .00118 | ÷00119    | -00112   | -00117 |
| 4 64           | -00223                   | .00221   | .00221  | -00225 | 00225  | -00216  | 00211   | .00211  | .00226   | .00213 | 00204  | 90200     | -00209   | 00199  |
| 45.49          | 00354                    | -00355   | .00373  | 00357  | 00352  | -00348  | .00337  | 00344   | -00353   | -00361 | -00355 | -00358    | -00353   | 00346  |
| 4              | -00554                   | 00540    | .00543  | .00536 | .00532 | -00553  | 00528   | .00548  | -00569   | -00540 | -00533 | -00550    | .00536   | 00540  |
| 65-33          | 00838                    | -00839   | -00845  | 00805  | 00815  | 00816   | .00793  | -00813  | .00846   | 00816  | .00811 | .00841    | .00876   | 00837  |
| 29-64<br>44-64 | .01407                   | -01405   | -01402  | -01312 | -01306 | -01302  | .01260  | -01313  | -01323   | .01289 | .01253 | -01287    | .01253   | .01269 |
| 69-79          | .02354                   | -02312   | -02360  | .02188 | -02197 | .02206  | .02092  | .02137  | -02207   | .02135 | .02018 | .02091    | .02071   | -02038 |
| 70-74          | 04115                    | .04008   | -04076  | -03764 | 03790  | -03803  | -03580  | .03759  | .03748   | .03637 | .03470 | -03599    | .03508   | 03467  |
| 75-79          | 0400                     | .06943   | -06967  | .06126 | 96231  | 06475   | 06002   | 06431   | -06334   | .06191 | 60090  | .06217    | •06059   | .05879 |
| 80-84          | 11937                    | .11823   | .12218  | 10866  | 10777  | .10806  | .09981  | 10549   | 68660-   | 66860  | 88860  | .10340    | .10369   | 10231  |
| 85 & over      | 21559                    | -21464   | .22037  | -19125 | 19823  | -20551  | 19262   | .21501  | .20213   | .20354 | .18917 | .19426    | 19658    | 19437  |
| All ages:      | 01130                    | 01133    | 19110   | 11010  | 50010  | 10110   | 12010.  | 17710.  | 7,1134   | 90110  | 01110  | .01150    | .01153   | -01151 |
| Crude rates    | 00110                    | CCTTO-   | 70110.  | 1/010. | COTO   | 17110   | 17010   | 1111  | 1        | 07110  | 01110  | 10110     | 6.440    |        |
| Standardized*  | -01281                   | -01265   | .01287  | .01165 | 01175  | .01193  | -01122  | -01189  | .01167   | -01148 | -01106 | 01141     | 01129    | -01115 |

Table 3. Ratios of death-rates for age-groups in Great Britain in the years 1961 to 1974 to the rates for 1970–72—Males

|     | 1974       | .93     | <b>7</b> 6. | <b>8</b> | <b>6</b> 8. | 1.01     | 86·   | 86.            | -97       | 95    | .97            | 86.      | 9        | 1.00         | -95        | ķ        | ş        | 76    | 1.03     | 6         | 5         | 3           | .98<br>86      |
|-----|------------|---------|-------------|----------|-------------|----------|-------|----------------|-----------|-------|----------------|----------|----------|--------------|------------|----------|----------|-------|----------|-----------|-----------|-------------|----------------|
|     | 1973       | .93     | 8           | %<br>%   | .92         | .6       | 1.08  | <u>.</u><br>\$ | 86·       | 86·   | 86.            | 10.1     | 8,       | 1.02         | 76.        | 76.      | <u>ę</u> | 101   | 1.04     | ę,        | 5         | 3           | 6 <del>6</del> |
|     | 1972       | -95     | ÷           | 8        | -6.         | 6        | 101   | 8              | <b>.6</b> | 101   | 86.            | <u>-</u> | ĬĢ       | 8 <u>-</u> 1 | 9          | <u>1</u> | 1.02     | 1.02  | <u>;</u> | 1.01      | 5         | 70.1        | 1.01           |
|     | 1971       | 8       | ę           | 1-05     | 1.03        | 1.02     | 86·   | ş              | 86.       | ġ     | 9              | 8        | 86·      | 86           | ٠ <u>٠</u> | .97      | .97      | 86    | 8        | 96.       | ò         | 30          | 96             |
|     | 1970       | 1.06    | Ş           | 86-      | 76.         | 1.02     | 101   | 1.02           | 1-03      | 8,    | 1.01           | 8        | 1.01     | 1.02         | 1.02       | 1-02     | <u>-</u> | 8     | 96.      | ż         | 5         | 3           | 1.01           |
|     | 1969       | 1.03    | 1.13        | 8        | 1.05        | Ş        | 96    | ÷              | 1.02      | 1-01  | <u>.</u><br>\$ | 1.03     | <u>;</u> | 1-03         | 99         | 3,       | <u>-</u> | 10-1  | 86       | 1.02      | 5         | 7.07        | 1.03           |
| 277 | 1968       | 1-01    | 1.14        | 1.07     | 1.08        | 1.<br>1. | .97   | 10.1           | ģ         | 10-1  | \$             | ÷        | 1.02     | 1.02         | 1.02       | 1.03     | 1.02     | 1.03  | <u>.</u> | 3         | 3         | 10.1        | 1-03           |
| 7   | 1961       | 1-03    | 8           | 1-07     | 1-14        | 1.10     | 9     | 1.07           | 1.02      | 1.03  | 1.01           | 95       | .97      | 8            | 1.01       | <u>6</u> | 96       | 56    | 76.      | %<br>%    | č         | Ŗ           | %<br>%         |
|     | 1966       | 1.11    | 1-18        | 1.07     | 1.14        | 1.20     | 1.08  | 1.10           | 1.08      | 1-10  | 1-05           | -97      | 1.02     | 1.03         | 8          | 1.03     | 1-01     | 1-02  | 1.05     | 1-06      | 5         | 3           | 1.02           |
| Š   | 1965       | 1.11    | 1-13        | 1.17     | 1.14        | 1.12     | 1.08  | 1-13           | 1.07      | 1-12  | 1-8            | 86       | 1.02     | 1.03         | 90-1       | 1-02     | 86.      | 76.   | 1.05     | 3.00      | 8         | \$          | 1.02           |
|     | 1964       | 1-18    | 1.11        | 1.10     | 1.11        | 1.10     | 1.12  | 1-13           | 9         | 1-14  | <u>1</u>       | 8        | 1.01     | 5            | 1.08       | 8        | 96.      | 96.   | 1.03     | 96.       | ţ         | 16.         | 1-01           |
|     | 1963       | 1.24    | 1.28        | 1.19     | 1:11        | 8        | 1.13  | 1.13           | 1.11      | 1.12  | 1.05           | 1-02     | Ş        | 1.10         | 1.11       | 1.07     | <u>;</u> | 1.07  | 1-17     | 1.11      | 3         | \$          | 1.09           |
|     | 1962       | 1.29    | 1.20        | 1.07     | 1.19        | 1.02     | 1.12  | 9              | 1.08      | 1.14  | 101            | 86·      | 1.02     | 8            | 8          | 1.05     | 1.03     | 8     | 1.12     | 1.07      | 5         | 70.1        | 1.07           |
|     | 1961       | 1.26    | <u>.</u>    | 1-17     | 1.05        | 10:1     | 1.13  | 91.1           | 1.13      | 1.14  | 1.02           | ş        | 1.02     | 66           | 1.10       | 40.      | 1.02     | 1.05  | 1.11     | 1.05      |           | 70.         | 1.07           |
|     | Age groups | Under 1 | 4           | ŝ        | 10-14       | 15-19    | 20-24 | 25-29          | 30-34     | 35-39 | 40 44          | 45.49    | 50-54    | 55-59        | 49-09      | 62-69    | 70-74    | 75-79 | 80-84    | 85 & over | All ages: | Crude rates | Standardized*  |

\* Standardized on 1971 Census age distribution.

Table 4. Ratios of death-rates for age-groups in Great Britain in the years 1961 to 1974 to the rates

|               | 1    |      |      |         | for      | 1970-7 | for 1970-72-Females | nales    |          |          |           |      |      |           |
|---------------|------|------|------|---------|----------|--------|---------------------|----------|----------|----------|-----------|------|------|-----------|
| Age groups    | 1961 | 1962 | 1963 | 1964    | 1965     | 1966   | 1967                | 1968     | 1969     | 1970     | 1971      | 1972 | 1973 | 1974      |
| Under 1       | 1.28 | 1.26 | 1.24 | 1.19    | 1.10     | 1.10   | 1.07                | <u>.</u> | 1.02     | 1.05     | 66.       | 96.  | .93  | 16.       |
| 4             | 1.22 | 1.19 | 1.25 | 1-13    | 1-15     | 1-13   | \$                  | \$       | 1.03     | .97      | 96·       | 99   | 16.  | 88        |
| 64            | 1.10 | 1.14 | 1.10 | 1.07    | 1.07     | 1.03   | 1-03                | 1.07     | <u>٠</u> | .97      | 8         | 8    | .93  | ş         |
| 10-14         | 1.14 | 1.14 | 1.09 | 1.18    | 1.32     | 1.18   | 1.27                | 1.18     | 1.00     | 1.05     | 1.09      | 98.  | ķ    | 1.05      |
| 15-19         | 1-03 | 95   | -92  | 1.05    | 1.08     | 1.13   | 1.08                | 76.      | 9        | -95      | 9-1       | 1.05 | 1.08 | 76.       |
| 20-24         | 1.16 | 1.11 | 1.02 | 1.07    | 1.07     | 1.05   | 9                   | .93      | 9        | 1.05     | S         | 9    | 86.  | .95       |
| 25-25         | 1.16 | 1.26 | 1.24 | 1.22    | 1.20     | 1.18   | 1.98                | 1.08     | 1.08     | <u>.</u> | 8<br>-    | 86.  | 9    | 92        |
| 30-34         | 1.22 | 1.25 | 1.25 | 1-14    | 1:1      | 1.11   | \$                  | 1-08     | 1-03     | 9        | 1-03      | 76.  | 56.  | ģ         |
| 35-39         | 1.17 | 1.20 | 1.19 | 1.07    | 1-13     | 1-08   | 1.07                | 1.05     | 1.04     | 1.01     | ģ         | 9    | 46   | <u>\$</u> |
| 404           | 1.07 | 98   | 98   | 1.08    | 1.08     | 1.04   | 1.01                | 10:1     | 89       | 1.02     | 98        | ģ    | ģ    | 9         |
| 45.49         | 66   | 66   | Ş    | 9       | 86.      | .97    | 46                  | 96.      | <u>6</u> | 1.01     | 66.       | 1.00 | ģ    | .97       |
| 50-55         | 1.02 | 8    | 9    | 8,      | 86.      | 1-05   | .98                 | 1.01     | 1.05     | 1.00     | ġ         | 1.02 | ķ    | 1.00      |
| 55-59         | 1.02 | 1.02 | 1-03 | 86.     | ģ        | 66.    | 96·                 | ģ        | 1.03     | ģ        | ģ         | 1.02 | 8    | 1.02      |
| 25            | 1.10 | 1.10 | 1.10 | 1.05    | 1.02     | 1.02   | ġ                   | 1.03     | 5        | 1-01     | 86.       | 1-01 | 8¢   | 6         |
| 69-69         | 1.13 | 1:11 | 1.13 | 1.05    | 1.06     | 1.06   | 1.01                | 1.03     | 1.08     | 1-03     | 76.       | 1.00 | 9    | .98       |
| 70-74         | 1.15 | 1.12 | 1.14 | 1.05    | 1.06     | 1.07   | 90                  | 1.05     | 1.05     | 1.02     | 76.       | 1.01 | .98  | .97       |
| 75-79         | 1.15 | 1.13 | 1.13 | 8       | 1.01     | 1.05   | 86.                 | 1.05     | 1.03     | 1.01     | 86.       | 1.01 | 66.  | 96        |
| 80-84         | 1.19 | 1.18 | 1-22 | 1.08    | 1.07     | 1.08   | 66                  | 1.05     | 66.      | 66       | .98<br>86 | 1.03 | 1-03 | 1.02      |
| 85 & over     | 1.10 | 1.10 | 1.13 | .6<br>8 | 1-01     | 1-05   | 86.                 | 1.10     | 1-03     | ž        | .97       | 66.  | 3    | \$        |
| All ages:     | 10.1 | 5    | 1.03 | 50.     | .01      | ģ      | vo.                 | 10.1     | ξ        | ç        | ŏ.        | 1.02 | Ę    | 5         |
| Crude rates   | 1.01 | 3    | 50.1 |         | 16       | 11     | 22                  | 10.1     | 3        | 3        | 20        | 70.1 | 70.  | 70.1      |
| Standardized* | 1.13 | 1.12 | 1.14 | 1.03    | <u>;</u> | 1.05   | <u>6</u>            | 1.05     | 1.03     | 1.01     | 86.       | 1-01 | 1.00 | .98       |
|               |      |      |      |         |          |        |                     |          |          |          |           |      |      |           |

\* Standardized on 1971 Census age distribution.

Table 5. Standardized death-rates for age-groups in Great Britain (standardized on 1971 Census age distribution)

| Year    | Under 1 | 1-14   | 15-44  | 45-64  | 65 and over     | All ages |
|---------|---------|--------|--------|--------|-----------------|----------|
| MALES   |         |        |        |        |                 |          |
| 1930-32 | .07953  | .00368 | ·00396 | ·01738 | .08831          | ·01721   |
| 1950-52 | ·03448  | .00085 | ·00186 | ·01580 | .08392          | ·01410   |
| 1961    | .02545  | .00062 | .00151 | ·01485 | .08114          | ·01323   |
| 1962    | ·02614  | .00059 | ·00149 | ·01481 | ·08157          | ·01326   |
| 1963    | ·02512  | .00062 | ·00152 | ·01503 | ·08372          | ·01354   |
| 1964    | .02383  | ·00056 | ·00152 | ·01438 | ·07564          | ·01251   |
| 1965    | ·02246  | .00058 | ·00152 | ·01439 | .07742          | ·01268   |
| 1966    | ·02241  | .00058 | ·00152 | ·01439 | ·07961          | ·01290   |
| 1967    | ·02093  | ·00056 | ·00144 | ·01376 | ·07484          | ·01219   |
| 1968    | ·02175  | ·00056 | ·00141 | ·01408 | ·07986          | .01280   |
| 1969    | .02089  | .00055 | ·00142 | ·01447 | ·07914          | ·01280   |
| 1970    | ·02136  | .00051 | ·00141 | ·01406 | ·07757          | ·01253   |
| 1971    | .02021  | ∙00052 | ·00139 | ·01360 | ·07524          | .01215   |
| 1972    | ∙01914  | -00051 | ·00138 | 01392  | · <b>07</b> 868 | ·01256   |
| 1973    | ∙01889  | ·00050 | ·00139 | ·01371 | ·07690          | ·01233   |
| 1974    | ∙01884  | .00046 | 00136  | -01353 | -07605          | ·01217   |
| FEMALES | \$      |        |        |        |                 |          |
| 1930-32 | .05973  | .00333 | .00341 | ·01300 | .08229          | .01908   |
| 1950-52 | .02648  | .00066 | .00146 | .00909 | .07134          | ·01460   |
| 1961    | ∙01983  | .00044 | ∙00096 | .00784 | ·06405          | ·01281   |
| 1962    | 01955   | .00044 | .00097 | 00781  | ·06312          | ·01265   |
| 1963    | ·01928  | .00044 | .00095 | .00787 | .06444          | ·01287   |
| 1964    | -01850  | .00042 | .00094 | 00749  | .05748          | ·01165   |
| 1965    | -01705  | .00044 | ·00094 | .00748 | ∙05822          | ·01175   |
| 1966    | .01706  | .00042 | .00092 | .00751 | ∙05936          | 01193    |
| 1967    | ·01664  | .00041 | .00089 | .00726 | .05545          | .01122   |
| 1968    | ·01620  | ·00041 | .00088 | ·00751 | ·05935          | ·01189   |
| 1969    | ·01582  | .00037 | .00090 | .00769 | ·05768          | 01167    |
| 1970    | .01627  | ·00037 | ·00087 | .00748 | ·05686          | ·01148   |
| 1971    | ·01540  | .00037 | ·00084 | .00735 | ·05453          | ·01106   |
| 1972    | ·01489  | .00038 | ·00085 | ·00756 | ·05648          | 01141    |
| 1973    | ·01448  | ∙00035 | ·00084 | .00739 | ∙05607          | 01129    |
| 1974    | ·01419  | ·00035 | ·00081 | .00745 | ·05516          | ·01115   |

Table 6. Ratios of standardized death-rates for age-groups in Great Britain to the rates for 1970-72 (standardized on 1971 Census age distribution)

| Year    | Under 1 | 1-14  | 15-44 | 45-64 | 65 and over | All ages     |
|---------|---------|-------|-------|-------|-------------|--------------|
| MALES   |         |       |       |       |             |              |
| 1930-32 | 3.930   | 7.191 | 2.843 | 1.254 | 1.144       | 1.386        |
| 1950-52 | 1.704   | 1.657 | 1.334 | 1.140 | 1.088       | 1.135        |
| 1961    | 1.257   | 1.215 | 1.086 | 1.071 | 1.052       | 1.066        |
| 1962    | 1.292   | 1.156 | 1.066 | 1.069 | 1.057       | 1.068        |
| 1963    | 1.241   | 1.207 | 1.086 | 1.085 | 1.085       | 1.090        |
| 1964    | 1.177   | 1.104 | 1.092 | 1.038 | ∙980        | 1.007        |
| 1965    | 1.110   | 1.139 | 1.093 | 1.038 | 1.003       | 1.021        |
| 1966    | 1.107   | 1.132 | 1.089 | 1.038 | 1.032       | 1.039        |
| 1967    | 1.034   | 1.092 | 1.029 | .993  | .970        | .982         |
| 1968    | 1.075   | 1.102 | 1.010 | 1.016 | 1.035       | 1.030        |
| 1969    | 1.032   | 1.068 | 1.021 | 1.044 | 1.026       | 1.031        |
| 1970    | 1.055   | 1.001 | 1.013 | 1.015 | 1.005       | 1.009        |
| 1971    | .999    | 1.008 | .998  | .981  | ∙975        | .979         |
| 1972    | ∙946    | ·991  | .989  | 1.004 | 1.020       | 1.012        |
| 1973    | ·933    | ·971  | 1.000 | -989  | .997        | .993         |
| 1974    | 931     | ∙899  | ·976  | ∙976  | .986        | ·980         |
| FEMALES |         |       |       |       |             |              |
| 1930-32 | 3.849   | 8.891 | 3.991 | 1.743 | 1.471       | 1.686        |
| 1950-52 | 1.706   | 1.759 | 1.709 | 1.218 | 1.275       | 1.290        |
| 1961    | 1.278   | 1.179 | 1.125 | 1.051 | 1.145       | 1.132        |
| 1962    | 1.260   | 1.173 | 1.131 | 1.047 | 1.128       | 1.118        |
| 1963    | 1.242   | 1.185 | 1.116 | 1.055 | 1.152       | 1.137        |
| 1964    | 1.192   | 1.132 | 1.096 | 1.004 | 1.027       | 1.030        |
| 1965    | 1.099   | 1.166 | 1.106 | 1.002 | 1.040       | 1.038        |
| 1966    | 1.099   | 1.122 | 1.079 | 1.007 | 1.061       | 1.054        |
| 1967    | 1.072   | 1.093 | 1.037 | .973  | ·991        | .992         |
| 1968    | 1.044   | 1.108 | 1.025 | 1.006 | 1.061       | 1.051        |
| 1969    | 1.019   | ·991  | 1.053 | 1.031 | 1.031       | 1.031        |
| 1970    | 1.048   | •990  | 1.015 | 1.003 | 1.016       | 1.014        |
| 1971    | .992    | 1.000 | ·990  | 985   | .975        | ·977         |
| 1972    | .959    | 1.010 | ∙995  | 1.013 | 1.009       | 1.008        |
| 1973    | ·933    | ·930  | .979  | ∙990  | 1.002       | .998         |
| 1974    | ·914    | ·923  | -953  | .998  | ·986        | ·98 <b>5</b> |

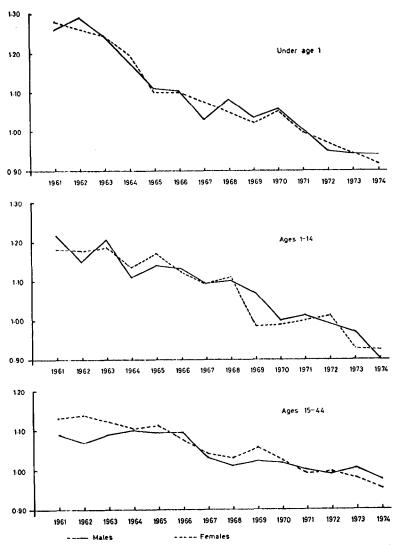


Figure 1. Ratios of Standardized Group death-rates to 1970-72 rates—Children and young adults.

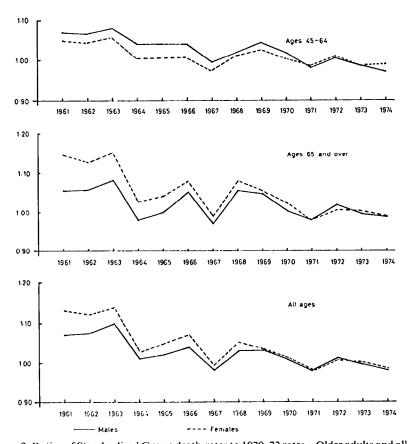


Figure 2. Ratios of Standardized Group death-rates to 1970-72 rates—Older adults and all ages.