#### MORTALITY DIFFERENTIALS AMONG SOCIOECONOMIC STRATA IN BALTIMORE, 1960 and 1973.

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The work necessary for the preparation of this paper was supported by grants (5 RO1 IIS 00110 and 5 TO1 HS00012) from the National Center for Health Services Research and Development and (5 DO4 000 76) from the National Institutes of Health, U.S. Department of Health, Education and Welfare.

Did the traditional mortality differentials among socioeconomic strata in this country. still existing in 1960, narrow during the subsequent decade and in the early 1970's? There is some evidence that these differentials had been narrowing for some years prior to that time, at least up to 1957 (Lerner and Anderson, 1963, pp. 122-130), perhaps as a consequence of changing disease patterns and improving social and economic conditions in this country generally. However, this is by no means definitively established, and in one study of the trend of mortality differentials in the Chicago metropolitan area from 1930 through 1960 very little convergence among socioeconomic strata in overall mortality and life expectancy at birth was found, although the study reported very substantial convergence in infant mortality (Kitagawa and Hauser, 1973, pp. 158-159). The anti-poverty and other social welfare programs in effect during the latter part of the 1960's had in part been aimed at narrowing the gap in health conditions between the poor and non-poor, initiating this convergence if it had not taken place earlier and continuing it if it had, but little hard data exist about whether the intended effect did in fact take place.

This paper is the first preliminary report of one section of a larger study addressed to this overall question. It presents data on mortality differentials among three socioeconomic strata and six sub-strata in Baltimore at two points in time, 1960 and 1973, using census tracts grouped into strata and sub-strata as the units of analysis. The data on which this study is based have generously been made available to the authors by officials of the Baltimore City Health Department.\* It seems quite possible that other localities and/or political jurisdictions have similar or equivalent data available for study, but that researchers have not yet taken advantage of this opportunity.

#### The Tayback study of 1950 data.

Baltimore was divided into census tracts some years ago with the consequence that information on the social and economic characteristics of the city's population by tract has been available since 1950 from the three Decennial Censuses. Using 1950 Census data, with tracts classified by median rental, Tayback studied differences in mortality and life expectancy

among five economic strata of the city's population for 1949-51 (Tayback, 1957). He found a substantial and very consistent differential among the various strata of the white population in both mortality and life expectancy; for example, life expectancy at birth for the highest economic fifth exceeded the comparable figure for the lowest by 6.25 years. This differential was evident for the total population of white persons and for each sex within this population. He also found a very substantial differential between the mortality rates of the nonwhite and white populations in the city, with rates for the total nonwhite population substantially higher than the comparable rates of even the lowest economic fifth of the white population; this was true across the board, e.g., for the total population (all ages), for each sex, and for all age-groups except the oldest, i.e., ages 75 and above. A comparable analysis by economic strata for the nonwhite population only was not presented in Tayback's report, possibly because these were too few nonwhites residing in any tracts but those constituting the lower economic fifths.

#### Methods.

For the present study, Baltimore was first divided into three major socioeconomic strata. The city's 200 census tracts in 1970 were arrayed by median family income as reported in the 1970 Census; the 66 tracts falling into the bottom one-third of this array--low-income tracts--were designated as a major socioeconomic stratum and, because census tracts are roughly similar in number of residents, the population residing in this major stratum represented about one-third of the total population of the city. Next the remaining 134 tracts were again arrayed, but this time on the basis of occupational composition, i.e., the occupations of employed persons aged 16 and over. The 67 tracts among these 134 with the largest proportions of persons in a combined group of white-collar middle class occupational categories were classified as a second major socioeconomic stratum; the occupational categories were: professional, technical, and kindred workers; managers and administrators; sales workers; and clerical and kindred workers. The remaining 67 census tracts constituted a major socioeconomic stratum of the tracts with the highest proportions of persons in blue-collar working class occupations; the occupational categories included here were craftsmen, foremen, and kindred workers; operatives except on transport equipment; transport equipment operatives; laborers; service workers; and private household workers.

Grateful acknowledgement for supplying these data and thereby making this study possible is hereby extended to Mr. John J. Sweitzer, Director, and Mr. Sheldon Baylin, both of the Bureau of Biostatistics, Baltimore City Health Department.

For more detailed observation, each of the three major socioeconomic strata was in turn split into two sub-strata, as follows. The white-collar middle class stratum (consisting of 67 tracts) was separated into a sub-stratum of the 33 tracts with the highest proportions in a combined grouping of professional, technical, and kindred and managerial and administrative occupations; this was designated as Sub-stratum I. Sub-stratum II consisted of the 34 tracts within this major stratum with highest proportions in a combined grouping of sales and clerical and kindred occupations. collar working class stratum (67 tracts) was similarly split into a sub-stratum (III) consisting of the 33 tracts with the highest proportions of persons in skilled and semi-skilled occupations (i.e., craftsmen, foremen, and kindred workers; operatives except transport; and transport equipment operatives), while substratum IV consisted of the 34 tracts with highest proportions in generally unskilled occupations (laborer, service, and private household occupations). Finally, the low-income major stratum was simply solit down the middle by income to comprise Sub-strata V and VI, with VI having the lowest median family incomes.

The designation of sub-stratum for each census tract in 1970 was also used for its designation in 1960 wherever this was possible. However, the number of tracts in 1960 was only 167; for the 1970 census, this number had been increased by Census authorities to 200 by dividing some of the larger tracts into 2 or more smaller units. Those divided were the tracts experiencing the greatest population increase during the intercensal period; many of these were in Sub-stratum II. In nearly all instances where this had been done, the two or more 1970 tracts derived from a single 1960 tract were classified by us as in the same sub-stratum in 1970 as their larger tract of origin would have been classified by us in 1960, so that assigning them to a sub-stratum for 1960 was not difficult.

Population for 1973 for each sub-stratum by race, age, and sex was estimated from 1970 Census figures by census tract and from 1973 overall Baltimore City estimates by race, age, and sex prepared by the Health Department. The assumption was made that the increases estimated by the Health Department as occurring in the city's total nonwhite population between 1970 and 1973 (22,630 persons) and the corresponding decreases in the total white population (46,580 persons) occurred in each substratum in proportion to the sub-stratum's change in percent of the total within each racial group between 1960 and 1970. The additional assumption was made that the age and sex composition of the population for each racial group within each sub-stratum in 1973 corresponded to its composition in 1970 according to Census figures.

# Racial composition of the sub-strata, 1960 and 1973.

As in many other major cities in this nation during the 1960's, the proportion nonwhite in Baltimore City's population increased, in this

instance from just over one-third (36.5 percent) to slightly over one-half (52.6 percent). These data are shown in Table I. Some considerable shifts occurred in racial composition among the sub-strata. For example, the number of whites increased in Sub-stratum II, but decreased substantially in all other strata; the number of non-whites decreased in Sub-strata III and VI, but increased in the remaining four sub-strata. Considering major strata only, an increase occurred in the percent nonwhite in all three strata. The basic pattern remained, however, in that the white-collar middle-class stratum, predominantly white in 1960, was still so in 1973, while correspondingly the low-income stratum, predominantly nonwhite in 1960, was also nonwhite in 1973. However, a shift occurred in the racial composition of the blue-collar working class stratum; about 60 percent white in 1960, this stratum had become about 60 percent nonwhite by 1973.

#### Mortality patterns: overall.

For Baltimore City as a whole, as Table II shows, the age-adjusted mortality rate decreased substantially from 1960 to 1973, i.e., from 970 per 100,000 population to 842, a decrease of about 13 percent over this 13-year period. In 1960 a very substantial differential among the sub-strata was evident; from a low age-adjusted rate of 636 in Sub-stratum II, the rate rose slowly for III and IV, more rapidly for V, and it rose very sharply to 1,722 for VI. The rate for sub-stratum VI was about 2.7 times as high as the rate for II. The mortality rate in Substratum I exceeded the rate in II by over 40 percent, but it exceeded the rates in Substrata III and IV as well; because of these relatively high rates in I and the steepness of the rise to V and especially to VI, the curve formed by the rates was more nearly U-shaped than linear, but it was a substantially unbalanced U-shape, with a higher line on the right.

In 1973 the general unbalanced U-shape pattern of the curve remained relatively unchanged from the 1960 pattern except that it was somewhat flatter at the extremes. Again sub-stratum II had the lowest age-adjusted mortality rate of all, 591 per 100,000. Again the rise was relatively slow from Sub-stratum II to III and IV, but it was somewhat less rapid this time to V and VI.

Again the rate in Sub-stratum I exceeded that in II by a substantial although somewhat smaller margin (about 37 percent this time), and again it exceeded the rate in Sub-stratum III but this time it was almost identical to the rate in IV. The rate in the highest sub-stratum (VI, with a rate of 1,503) was only about 2.5 times the rate in the lowest sub-stratum. The

Adjusted to the U.S. population of 1940. All rates shown here are preliminary; it is expected that final rates may differ slightly from those shown, but that the basic patterns discussed here should remain generally unchanged.

declines in rates from 1960 to 1973 in Sub-strata V, VI and I were about 16, 14, and 11 percent, respectively, while the comparable decline in Sub-stratum II was only about 7 percent, in IV about 6 percent, and in Sub-stratum III the rate actually increased slightly.

The umbalanced U-shaped curves emerging in both years with six sub-strata are no longer evident when the six are compressed into three major strata as the unit of analysis, with age-adjusted rates in the sub-strata combined in weights proportional to population to form the rates for the major strata. When this is done the mortality rates in the major white-collar stratum are quite close to those in the major blue-collar stratum while the rates for the major low-income stratum are much higher. (The rates are: 1960--white-collar 805, blue-collar 811, and low-income 1,452; 1973--white-collar 689, blue-collar 791, and low-income 1,229.) Especially in 1973 the curve is more nearly linear.

### Mortality patterns: by age.

Considering the city as a whole, mortality rates decreased for 7 of the 11 age-groups shown in the table. Among the age-groups for which increases were recorded, these increases were greatest in relative terms at ages 20-24 (154 percent), followed in descending order of relative magnitude by ages 15-19 (113 percent) and 25-34 (66 percent), with even a slight increase of less than 1 percent at ages 45-54. The decreases, in turn, were greatest at 0-4 (48 percent), 5-9 (35 percent), and 75 and over (26 percent).

The umbalanced U-shaped pattern evident in both years for age-adjusted rates was clearest at the middle and upper ages. Most often the rates at these ages were lowest in Sub-stratum II, but in some instances the bottom point of the curve was in Sub-stratum III or even IV. In almost all instances the rates were substantially higher for Sub-strata V and VI than for the other substrata. There seemed to be relatively little change in this pattern between 1960 and 1973.

At ages 0-4 a fairly pronounced linearity was evident in 1960 with a sharp slope (an average 19 percent increase from sub-stratum to sub-stratum) but by 1973 there was a definite decrease in slope (only an average 6 percent increase from sub-stratum to sub-stratum). Little change was evident at ages 5-9 and 10-14 between 1960 and 1973 other than the overall improvement in rates in the former age-group.

## Mortality patterns: by race and age.

Overall, considering age-adjusted rates only, mortality declined substantially for both racial groups between 1960 and 1973, by 12 percent for whites and 17 percent for nonwhites. The differential between the races narrowed somewhat; in 1960 the rate for nonwhites exceeded that for whites by 33 percent, in 1973 by only 24 percent. By age, in 1960 the rates for nonwhites had exceeded the comparable rates for whites in 8 of the 11 age-groups shown in Table III (the exceptions were 5-9, 10-14, and 75 and over), but by 1973 the relative excess had decreased in 7 of the 8 (the exception was

25-34). For both racial groups alike, mortality rates increased between 1960 and 1973 at 15-19 and 20-24. In addition, however, increases were also recorded for nonwhites at ages 10-14 and 24-34 and for whites at 35-44 and 45-54.

To have sufficiently large cell sizes in each age-group for comparisons by race, the six substrata were compressed into four for each racial group: IV, V, and VI for whites and I, II, and III for nonwhites were each treated as one substratum. Analyzed in this way, the unbalanced U-shaped pattern describing age-adjusted rates for the total population in both years was also found to be characteristic of age-adjusted rates for each race separately in both years; however, between 1960 and 1973 a slight suggestion of a flattening in slope was evident for only the nonwhite population. By age, the unbalanced U-shaped pattern most evident at the middle and upper ages when total populations in both years (not by race) were considered was again most evident at these ages for both racial groups alike, with little evidence of any change in this pattern between 1960 and 1973.

#### Discussion.

Apart from the fact that the rates shown in this report are to be understood as preliminary, as indicated earlier, a major limitation to this presentation is that the mortality data shown here represent only one year's experience in both 1960 and 1973. It is hoped that it will be possible to obtain Baltimore City's mortality data for 1959 and 1961, and for 1972 and 1974, so that cell size might be larger and any idiosyncrasies peculiar to the years under consideration might be removed. Also, it is hoped that infant mortality data comparable to that shown here will be available, as well as overall and infant mortality data for Baltimore County and other parts of the Baltimore Metropolitan Area. However, further analyses of the presently available data are planned by race, sex, and major causes of death; also, census tracts will be ordered on a number of different bases and comparisons will be made with Tayback's 1950 data for Baltimore City.

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TABLE I SELECTED CHARACTERISTICS OF THE MAJOR SOCIOECONOMIC STRATA AND SUB-STRATA SUB-STRATA AND SUB-STRATA AND SUB-STRATA  $^{\rm \Phi}$ 

| Tite-Collars  1   |      |                  | 2791    |                   |                   |        |                     |                  | Sign Socioeconomic |       |                     |              |                              |
|---|------|------------------|---------|-------------------|-------------------|--------|---------------------|------------------|--------------------|-------|---------------------|--------------|------------------------------|
| Tite-Collar Middle Class  |      | StirlwnoV        | ətidW   | Population, Total |                   | Tracts | Percent<br>Wonwhite | Nonvhite         | White              |       | Populatio<br>Mumber | Tracts       |                              |
| Hi 29 183,679 18.7 167,702 15,977 8.7 33 155,973 14.7 97,606 38,367 28.2 15.973 14.7 97,606 38,367 28.2 11.8 11.8 115,651 35.2 0.3 34 167,821 18.1 18.1 18.1 18.3 11.8 11.8 11.8 11.  | 9.28 | 068 <b>*98</b> † | 075,924 | 100.0             | 0911976           | 500    | 3.95                | 0 <b>†S</b> *ZSE | 051,529            | 100.0 | 069*086             | <b>491</b>   | Baltimore City               |
| 11 16,003 11. 16,005 11.8 115,005 36,105 37 15,005 11.8 11,005 11.8 11,005 11.8 11,005 11.8 11.8 11.8 11.8 11.8 11.8 11.8 11.   | 3.91 | <b>742,02</b>    | 752,547 | 8.22              | \$62 <b>,</b> 205 | ۷9     | <b>t.</b> S         | 16,329           | 282,585            | 9.02  | Z89 <b>ʻ</b> 66Z    | S <i>t</i> r | White-Collar<br>Middle Class |
| 10001  20004   200  |      |                  |         |                   |                   |        |                     |                  |                    |       |                     |              | II                           |
| 111 0.21 100,111 2.21 268,511 55 7.01 070,21 602,121 0.21 648,941 62 111 0.01 1.01,054 1.09,041 9.0.3 1.00,054 | 2.09 | 248,002          | 132,440 | 26.0              | 282,282           | ۷9     | 8.82                | S21 <b>ʻ</b> Þ6  | 232,743            | 5.55  | 326,878             | 85           | Blue-Collar<br>Working Class |
| 0.27 788,111 884,24 8.81 275,221 25 4.42 152,20 001,87 2.71 025,171 <u>25</u> V   |      |                  |         |                   |                   |        |                     |                  |                    |       | 648,841             |              | 111                          |
|   | 9.18 | 108,252          | 282,283 | 2.12              | <b>780 687</b>    | 99     | 8.69                | 940,742          | \$50°20T           | 1.95  | 224,130             | <b>t</b> 9   | ом-Іпсоте                    |
|   |      |                  |         |                   |                   |        |                     |                  |                    |       |                     |              |                              |

Figures for the total city (all strata combined), overall and by race, are based on 1960 and 1970 Census figures revised by race. Also, City Health Department to account for underenumeration in each Census and distributed proportionately among the sub-strata by race. Also, all estimates are as of July 1 for each year. Estimates for 1973 were derived by linear extrapolation of trends from 1960 to 1970.

TO BE AND BY SUB-STRATA, BALTIMORE CITY, 1960 and 1973.

TABLE II

| +\$4                               | <b>7</b> 2-59           | <b>†</b> 9-\$\$         | <b>7</b> 2-2 <b>4</b>              | 22-4¢                 | 72-24      | <b>p</b> Z-0Z | 6 <b>T-S</b> T    | <b>11-11</b>    | 6-5              | <b>⊅-</b> 0 ♣              | segs<br>betsuibA             | əpn.i.)                 | Year and<br>Sub-Stratum |
|------------------------------------|-------------------------|-------------------------|------------------------------------|-----------------------|------------|---------------|-------------------|-----------------|------------------|----------------------------|------------------------------|-------------------------|-------------------------|
|                                    |                         |                         |                                    |                       |            |               |                   |                 |                  |                            |                              |                         | 0961                    |
| 11'420                             | \$\$8°\$                | S/Σ <b>'</b> Z          | \$20 <b>'</b> T                    | <b>19</b> 7           | 612        | <b>Z</b> 6    | 09                | 917             | ۷S               | 028                        | 046                          | 291'1                   | Baltimore City          |
| 75,647<br>13,647                   | 340°5<br>154°4          | 160°7                   | <b>7</b> 19                        | 222<br>235            | SUT<br>291 | 27<br>19      | 87<br>87          | <b>νν</b><br>32 | 77<br>76         | S <b>†S</b><br>0 <b>9S</b> | 9 <b>2</b> 9<br>7 <b>1</b> 6 | 626<br><b>782</b> 1     | II                      |
| 096°ZT<br>225°Z                    | 69 <b>Σ'</b> ς          | 911 <b>'</b> 2<br>506'1 | 828<br>822                         | 380<br>372            | 159<br>173 | tot<br>tt     | <b>ዕ</b> ቱ        | 14<br>84        | 9 <b>Σ</b><br>16 | 149<br>144                 | 747<br>863                   | 1°120<br>1°120          | ΛΙ<br>111               |
| 11,813<br>11,813                   | 0TL'8<br>S6T'9          | 282 <b>°</b> 7          | 190°7<br>1°280                     | 788<br>718            | 780<br>746 | 228<br>112    | T8<br>S6          | 72<br>72        | 6 <b>ζ</b><br>ΤΣ | 1,585<br>1,025             | 77.72<br>77.75               | 1,577<br>1,280          | ΙΛ<br>Λ                 |
| 681.8                              | T9Z'\$                  | 960'7                   | 7*0°T                              | 60 <b>†</b>           | 244        | 234           | 128               | LΣ              | 75               | <b>∠</b> 2₹                | 842                          | 77147                   | 1973<br>Baltimore City  |
| 911'L<br>269'01                    | 281 <b>,</b> 5          | 16Σ'Ι<br>406'Ι          | 86S<br>202                         | 220<br>220            | 778<br>722 | 70 <b>7</b>   | 94<br>94          | τς<br>65        | 81<br>55         | 767<br>767                 | 16S<br>018                   | 1°250<br>1°250<br>1°250 | II<br>I                 |
| 8 <b>\$0'</b> 6<br>6 <b>2\$'</b> 9 | 3,570<br>2,570<br>2,025 | \$06 <b>'</b> T         | \$90 <b>'</b> I<br>6 <b>\$</b> 0'I | 478<br>478            | 783<br>186 | 727<br>722    | 96<br><b>1</b> 91 | 77<br>22        | 6<br><b>†</b> 9  | 587<br>286                 | 608<br>9 <b>S</b> Z          | 797.<br>1,306           | III<br>VI               |
| 8,310<br>12,183                    | 202 <b>.</b> 8          | 299 <b>°</b> 2          | 7°028<br>7°220                     | 790 <b>°</b> T<br>788 | 722<br>722 | 222<br>222    | 173<br>202        | <b>58</b>       | 6 <b>†</b><br>72 | 288<br>288                 | Σ0 <b>5</b> 'τ<br>Σ66        | 821,1<br>814,1          | ΙΛ                      |

Per 100,000 population.

To the age-distribution of the U.S. Population, 1940.

TABLE III PRELIMINARY MORTALITY RATES  $^{\Phi}$  BY RACE AND BY AGE TOTAL AND BY SUB-STRATA, BALTIMORE CITY, 1960 and 1973.

| \$\psi \text{11}<br>\$\text{15}'\text{109'}\psi<br>099'9                            | 168'S<br>7'544<br>168'5 | 2,536<br>2,596<br>1,701<br>2,033                  | 240°Z<br>741°I<br>756<br>098                     | 870°I<br>06S<br>007<br>7S7                        | 787<br>787<br>727<br>927 | 232<br>242<br>252<br>262 | 271<br>80<br>208<br>241          | 27<br>22<br>21<br>18   | νν<br>52<br>6<br>21  | 76S<br>00S<br>6SZ<br>414       | S67'I<br>000'I<br>I79<br>458                   | ZT2'T<br>088<br>195<br>SSL              | IA<br>A<br>AI<br>III-I               |
|---|-------------------------|---|--|---|--------------------------|--------------------------|----------------------------------|--|----------------------|--------------------------------|--|---|--------------------------------------|
| 682'∠   | 722 <b>,</b> 2          | ۲62,2   | 1,273  | 119   | 828                      | 797                      | 140                              | 8Σ   | ΣΣ                   | 977                            | 856  | 843                                     | 1973 - Nonwhite<br>Baltimore City    |
| \$10 <b>'</b> \$1<br>\$9 <b>b'</b> 9<br><b>b</b> \$1 <b>'</b> 4<br>\$61 <b>'</b> 11 | 2°25<br>2°325           | 720°5<br>788°1<br>788°1<br>788°1                  | 757,1<br>180,1<br>182<br>063                     | 209<br>2 <b>Τ</b> ν<br><b>ΤΤ</b> Σ<br><b>S</b> 0Σ | 707<br>521<br>84<br>180  | 280<br>100<br>100<br>186 | 60Z<br>6ZT<br>29<br>08           | ₱\$<br>9 <b>\$</b><br>9 <b>7</b><br>₽                          | 6S<br>99<br>8Z<br>0Σ | 149<br>208<br>802<br>298       | 008<br>272<br>702,1                            | Z†Z'Z<br>18Z'I<br>0†I'I<br>Z†9'I        | IA-AI<br>III<br>II<br>II             |
| 878,8   | 898'⊊                   | 716°T   | <b>†1</b> 6                                      | 782   | 148                      | <b>761</b>               | 011                              | ΖΣ   | 24                   | 262                            | TLL  | 747, I                                  | Raltimore City                       |
|   |                         |   |  |   |                          |                          |                                  |  |                      |                                |  |   | 1973 - White                         |
| 78γ'ς I<br>9γ6'9<br>7γ8' I<br>576' γ I  | 211'S<br>2'41\          | 2,193<br>1,769<br>7,887<br>7,887                  | 62 <b>1</b> '2<br>89 <b>5'</b> 1<br>190'1<br>006 | 706<br>872<br>705<br>705                          | 9##<br>172<br>191<br>872 | 627<br>201<br>201<br>05  | 98<br>56<br>£11<br>76            | 25<br>77<br>62<br>52   | 59<br>57<br>98       | 740°T<br>700°T<br>70°T<br>70°T | 189 <b>'</b> 1<br>490 <b>'</b> 1<br>559<br>816 | \$6 <b>2</b> °I<br>\$16<br>2\$9<br>\$18 | III-I<br>V<br>IV                     |
| 050'01  | 6 <b>2</b> 4 <b>°</b> S | stt's   | 96 <b>†'</b> I                                   | 859   | 202                      | Ttt                      | 88                               | SΣ   | 75                   | 790°T                          | 6 <b>51'I</b>                                  | <b>†</b> 96                             | Baltimore City                       |
| \$22 <b>.</b> 21<br>871,52<br>871,52<br>871,52                                      | 2,845<br>5,845          | 12 <b>9</b> °2<br>12 <b>6</b> °1<br>269°1<br>20°2 | 191 <b>'</b> 1<br>2 <b>88</b><br>\$19<br>\$28    | 827<br>827<br>827                                 | 161<br>251<br>501<br>141 | 156<br>27<br>01          | \$9<br>\$ <b>7</b><br>\$2<br>\$2 | Z9<br><b>8</b><br><b>4</b><br><b>4</b><br><b>7</b><br><b>8</b> | 49<br>48<br>77<br>66 | 00L<br>6LL<br>LVS<br>0VV       | 16Z <b>ʻ</b> I<br>4S4<br>S£9<br><b>S</b> 98    | 269'I<br>240'I<br>676<br>962'I          | I<br>III<br>IV-VI<br>1960 - Nonwhite |
| 289,11  | £29 <b>'</b> †          | 2,123   | 768  | 6 <b>†Σ</b>                                       | ZST                      | 88                       | <b>77</b>                        | <b>⊅</b> S   | 07                   | 109                            | 778  | 1°584                                   | Baltimore City                       |
|   |                         |   |  |   |                          |                          |                                  |  |                      |                                |  |   | 1960 - White                         |
| +\$¿  | <b>⊅</b> ∠-\$9          | <b>†9-</b> SS                                     | <b>7</b> S-S <b>7</b>                            | 22-44   | 72-34                    | <b>7</b> 2-02            | 61-51                            | <b>71-01</b>   | 6-\$                 | <b>≯</b> -0 ♣                  | ages<br>bej≥ujbA                               | AIIA<br>Shur                            | Year, Pace, and<br>Sub-Stratum       |

<sup>\*</sup>Per 100,000 population. To the age-distribution of the U.S. Population, 1940.