NEW POPULATION ESTIMATES FOR THE PHILIPPINES 1948-1962

By Edith Adams *

In the face of considerable evidence that the population of the Philippines is currently growing at a much faster rate than has been implied in the official population estimates published by the Government, the Inter-agency Committee on Demography agreed in April, 1958 on certain procedures for revising the official figures. For current estimates and short-term projections, it was agreed to adopt an average annual rate of growth of 2.95 per cent and to use as the starting point estimates of private household population derived from the March 1957 Philippine Statistical Survey of Households, plus an estimated 200,000 population living outside private households (institutional, armed forces and "floating" population). The Committee thus adopted the following series of total population estimates for 1957 to 1962:

July 1, 1957 23,322,000
July 1, 1958 24,010,000
July 1, 1959 24,718,000
July 1, 1960 25,448,000
July 1, 1961 26,198,000
July 1, 1962 26,971,000

The next step was to distribute these totals by sex and age, and to estimate the total population, as well as its distribution by sex and age, annually for the period between the 1948 census and the 1957 survey. It was the feeling of the Committee that the methods recommended by the United Nations should be

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The Inter-agency Committee on Demography, established by the Office of Statistical Coordination and Standards of the National Economic Council, included representatives of the Burcau of the Census and Statistics, the Statistical Center of the University of the Philippines, the Burcau of Health, the Institute of Hygiene, the Government Service Insurance System, Office of National Planning of the NEC, the Philippine Statistical Association, the International Cooperation Administration (USA), and the United Nations.

followed in calculating the estimates by sex and age.' In making population projections for many countries of the world the United Nations has adopted the "component method" whereby sex-age specific survival ratios, computed from an appropriate life table, are applied to the population in each 5-year sex-age group to determine the probable numbers who will survive to the next higher age group five years hence. Births during the next five-year period are estimated by applying fertility rates to the projected numbers of women in the childbearing ages. The results of these projections for the various sex-age groups are summed to give an estimate of the size of the total population at the future date. This method is believed to be preferable to one in which the total population is projected according to a mathematical formula and the results then distributed by sex and age, perhaps by assuming that the sex-age distribution will remain constant as given at the start of the projection. Particularly when the age structure exhibits irregularities arising from actual causes (for example war casualties) rather than from misstatements of age, it is desirable to use the component method of projection so that any such deficits in a given age group can be carried through to the next higher group five years later.

Since the Committee on Demography had already approved the projection of the total population of the Philippines by mathematical formula, some modification of the United Nations' method was necessary. The best procedure in this instance seemed to be to apply the "component method", using a life table giving the closest approximation to the rate of population increase agreed upon by the Committee, and then prorate the difference between the total derived by this method and that officially adopted by the Committee.

Before undertaking a projection of the population by sex and age in cases where age reporting is subject to considerable

¹ The United Nations has made population estimates and projections for the Philippines which show a considerably higher total population than the new population estimates adopted by the Government. While the author believes that the UN estimates are to be preferred, she has cooperated with the National Economic Council in preparing the alternative estimates presented in this paper. These estimates are in line with the somewhat different assumptions agreed upon by the Committee on Demography of which she was a member.

A detailed description of the "component" and other methods of population projections is given in the United Nations manual, Methods for Population Projections by Sex and Age (ST/SOA/Series A, Population Studies No. 25).

inaccuracies, it is desirable to first smooth the age distribution. It is also desirable in many cases to correct the data for underenumeration of children. Actual irregularities in the age structure arising from war losses, birth deficits during war-time, etc., should, of course, not be eliminated. Where the age data to be used in the projection are derived from a source which does not cover the entire population—as in the case of the Philippine Statistical Survey of Households—it is also desirable to estimate the sex-age distribution of the groups omitted from coverage.

To obtain the estimated numbers in each sex-age group as of July 1, 1957, at the start of the projection, we have distributed the total population-23,322,000-according to the distribution shown in the United Nations projection for the same This distribution was based on the May and October 1956 PSSH survey data, smoothed and adjusted to take account of some of the factors mentioned above. The distribution in the UN projection was used mainly as a matter of convenience, since the considerable work of smoothing and adjusting the survey data had already been done there. It might have been preferable to utilize the sex-age distributions of the 1957 survey rounds (which were not available at the time the UN projection was prepared), add in estimates of the various groups of non-private household population by sex and age, and then smooth and adjust the data for misstatements of age and under-reporting of young children. Such a procedure is illustrated in Appendix I., It will be seen that the July 1957 estimates derived in this manner do not differ markedly from those of the UN projection so far as age structure is concerned, but they result in a lower ratio of males to females.

On the whole there seems to be no clear choice as to which sex-age distribution more closely represents the population of the Philippines in mid-1957. With more research it might be possible to obtain better estimates of the size and composition of the various groups not covered by the survey, as well as a better indication of the types of errors which occur in age reporting. The estimates and projections which are presented here must necessarily be considered as only an approximate guide to current trends in the Philippine population, as they are based on data which are less than adequate. We, nevertheless, believe that they represent a considerable improvement over the official estimates previously in use and that they may satisfy the needs of the Government for planning purposes until the 1960 census results become available.

1. Esimates for the period 1957-1962

Table I shows the calculation of population estimates by sex and age for the period 1957-1962. The first step was to estimate the numbers in each 5-year age group who will survive to be five years older in 1962. Since statistics on registered deaths in the Philippines are unsatisfactory, it was necessary to utilize the model life tables which have been constructed by the United Nations and which are believed to cover the entire range of mortality conditions existing in the world today.' We select the model life table believed to most closely approximate mortality conditions in the Philippines—that with life expectancy at birth of 45 years—and which coupled with a crude birth rate near 50, yields a rate of population growth of about 2.9 per cent per year. The Px functions of this life table, i.e., the survival ratios from one 5-year group to the next, were then applied to the numbers in each age group.' This gives the population which will be 5 years of age and over in 1962. It remains to estimate the number of births occurring between mid-year 1957 and mid-year 1962 and the number of these children who will survive to be 0-4 years of age at the latter date.

Calculation of births during 1957-1962. The calculation of the number of births which may be expected during this period is shown in Table I-A. The United Nations has carried out detailed studies in an effort to estimate the probable level of fertility in the Philippines, and arrived at a figure of 48.7 as the best current estimate of the crude birth rate. Applying this rate to the total population estimate for mid-year 1957, we obtain an estimate of 1,135,781 births during 1957.

The number of births is affected by the proportion of women in the childbearing ages and this proportion may change owing to shifts in age structure. For estimating future births it is therefore desirable to calculate what is referred to as a "sex-age adjusted birth rate". This si a device for eliminating the effects of changes ni sex-age structure in estimating future births. The "sex-age adjusted birth rate" is defined as

^{&#}x27; For a further explanation of the model life tables see United Nations, Age and Sex Patterns of Mortality (ST/SOA/Series A, Population Studies No. 22).

The survival ratios are given in Appendix Table V of the United Nations, Methods for Population Projections by Sex and Age (op. cit.).

a "sex-age adjusted birth rate". This is a device for eliminating the effects of changes in sex-age structure in estimating future births. The "sex-age adjusted birth rate" is defined as the number of births per 1000 of a weighted aggregate of the number of women in the various five-year age groups from 15 to 44. A standard set of weights is used in computing this aggregate as follows:

| 15-19 | years |
|-------|--------|
| 20-24 | years7 |
| 25-29 | years7 |
| | years6 |
| 35-39 | years4 |
| | years1 |

These weights are roughly proportional to the fertility rates of the various age groups, as determined by examination of statistics of birth by age of mother for various countries. It has been found that even though absolute levels of fertility may be very different for two countries, the pattern of fertility by age is often similar.'

The "sex-age adjusted birth rate" for the Philippines in 1957 is computed to be 53.07. It was assumed that this rate would remain constant throughout the short period under consideration. We next weighted the female survivors aged 15-44 years in 1962 and obtained the mean of the weighted female population in these ages for 1957 and 1962. Sex-age adjusted quinquennial birth rates for each sex were estimated by multiplying the 1957 rate by 5 and assuming the standard ratio of 105 male births for every 100 female births. These rates were applied to the mean weighted female population of child-bearing age to obtain an estimate of birth occurring from 1957 to 1962. Survival ratios P given in the model life tables were then applied to determine the numbers likely to survive to reach ages 0-4 in 1962.

Final adjustment of 1962 data and estimates for intervening years. The total population for 1962 obtained by adding the numbers 0-4 years to the population 5 years and over is 26,945,601—a figure only slightly lower than the 26,971,000 adopted by the Committee. The small difference was prorated among the various age groups.

To obtain annual estimates for each sex-age group, we interpolated between 1957 and 1962, allowing a geometric rate of growth. When the interpolated data for the various age

For a fuller explanation of the derivation of these weights see United Nations, Methods for Population Projections by Sex and Age, pp. 42-45

groups were summed, the totals did not agree exactly with those adopted by the Committee, and the small differences were again pro-rated.

11. Estimates for the period 1948-1957

While the Committee recommended that an annual rate of growth of 2.95 per cent be used in making population estimates for the period from 1957 onward, the annual rate of growth in the preceding decade was much lower, if one accepts both the 1948 census total and the 1957 estimate adopted by the Committee. At the 1948 census, taken in October, the population stood at 19,234,000; a rise to 23,322,000 by mid-year 1957 implies an average annual rate of growth of 2.2 per cent. stead of assuming this rate of increase to have been constant throughout the period, it appeared preferable to assume an annual rate of growth lower than the average during the first half of the period, and a rate higher than the average during the second half in order to avoid a sudden sharp increase in the amount of population growth between 1956-57 and 1957-58. It thus seemed not unreasonable to adopt a rate of growth of 2.0 per cent for the period 1947-52 and 2.4 per cent for the period 1952-57.

On the basis of the stated assumptions, the total population figures for the years from 1948 to 1957 are as follows:

| Oct. | 1948 | (census) | 19,234,000 |
|------|------|----------|------------|
| July | 1949 | 1, | 19,520,000 |
| | 1950 | i | 19,910,000 |
| July | 1951 | , | 20,308,000 |
| July | 1952 | , | 20,714,000 |
| July | 1953 | | 21,211,000 |
| July | 1954 | | 21,720,000 |
| July | 1955 | | 22,241,000 |
| July | 1956 | | 22,775,000 |
| July | 1957 | | 23,322,000 |

Estimates by sex and age for the period 1952-1957. In order to obtain estimates of the population by sex and age for the period before 1957, the process of "reverse survival" was applied. Table II shows the calculations for the period 1952-1957. The starting point is the July 1957 population as previously estimated. The most closely corresponding model life table for this period, i.e., the one which will give a rate of increase nearest to 2.4 per cent per annum, is one with life

expectancy at birth of 40 years. Each survival ratio (P value) from this life table is divided into the number in the next higher five-year age group in 1957. This gives an estimate of the number in the age group in question in 1952 from which the present numbers in the next higher age group have survived. The results were summed for all ages and both sexes and gave a total of 20,528,199, as compared with the total of 20,714,000 previously recommended for adoption for 1952. The difference is then pro-rated among the various age groups. The average annual rate of growth of each sex-age group is then computed and an interpolation is made to obtain annual estimates for each group. The results are summed and adjusted to the totals for each year given above.

Estimates by sex and age for the period 1947-1952. The calculations for this period are shown in Table III. The procedure was the same as that adopted for 1952-1957, except that the starting point was the 1952 population calculated in Table II, and the model life table used was that with life expectancy at birth of 35 years.

It will be noted that the procedures described above result in estimates which ignore the age distribution of the 1948 census. Various tests applied to the census age data have indicated that these statistics are subject to considerable inaccuracies, and it therefore appeared preferable to utilize the age distribution from the PSSH data and reverse-survive the cohorts to obtain statistics for the earlier years.

Appendix I. Adjustment of Survey Data by Sex and Age

In the attached tables one method for obtaining a sexage distribution of the population of the Philippines at midyear 1957 is illustrated. Table A shows the estimates of private household population by sex and age derived from the three 1957 PSSH survey rounds. The estimate for the three surveys have been averaged and to them has been added the estimated non-private household population distributed by sex and age. At present there is no good basis for estimating the sex-age distribution of any of the groups constituting the non-private household population—with the exception of the armed forces—and the procedures used are arbitrary. [The 1948 census results provide a basis for estimating the totals of the armed forces, correctional and other institutional populations, but the census data were not tabulated by age.] Because of their ready availability, United States age distributions of the

armed forces, of correctional and other institutional populations, as shown in the 1950 census results of that country, were applied to the estimated totals in these groups for the Philippines. In the case of the sacadas and their dependents, the age distribution of migrants enumerated in the May 1957 PSSH was used. [By this procedure we have no doubt underestimated the numbers in the young adult ages, since persons who move about so freely as to be easily missed in the survey are likely to be concentrated in these ages. Moreover, young migrant workers without dependents are frequently found in dwelling units other than private households and are thus excluded from survey coverage. The sex distribution of the migratory group not covered by the survey is equally difficult to estimate; it is here assumed that males outnumber females by a 2 to 1 ratio.]

Once an estimate of the total population by age is obtained, the next step is to adjust the numbers in the various sex-age groups by means of a smoothing formula. The formula often used by demographers is the following:

$$= 1/16 (-S_{-2} + 4S_{-1} + 10S + 4S_{1} - S_{2})$$

where \geq is the adjusted number of persons in the five-year age group to be computed; S is the reported number of persons in the same age group; S-2 and S-1 are the reported numbers in the two preceding five-year age groups; and S1 and S2 are the reported numbers in the two subsequent five-year age groups. In Table B we have applied this formula to derive adjusted figures for the age groups 10 through 74. The numbers in the youngest and oldest age groups have to be dealt with separately.

For the ages 0-4 and 5-9, which in the PSSH statistics appear to be subject to under—and over-enumeration respectively, the estimates from the survey are replaced by figures derived by estimating births during the periods 1947-52 and 1952-57, and survivors in 1957 from those births. [To obtain these estimates the numbers of women in the childbearing ages obtained in Table B are reverse-survived to 1952 and 1947 (See Table C); they are then weighted and the sex-age adjusted fertility rate of 53.07 is applied to yield estimates of births during 1947-52 and 1952-57. The survivors from these births are estimated by applying survival ratios from a model life table with expectation of life at birth of 40 years.

(Table D).]

The survey does not provide a breakdown of the population aged 65 years and over by detailed age groups. Therefore, the five-year groups from 65-84 and the group 85 and over have been estimated from the age distribution of the model stable population believed to correspond most closely to the population of the Philippines.

The smoothed estimates by age are shown in Table E. After smoothing, the figures no longer add to the original totals, and a final pro-rating is necessary to bring them into agreement with the totals for each sex obtained in Table A. Table F shows a comparison of the sex-age distribution of the UN projection and of the smoothed and adjusted 1957 PSSH data as derived in Appendix Tables A-E. While the age distributions of the two sets of figures do not differ very greatly, there are rather substantial differences in the sex ratios for some of the age groups. The method we have illustrated here seems to yield more realistic sex ratios for the youngest age groups, whereas it yields sex ratios which appear to be too low for the young adult ages and too high for the upper ages. For these age groups the sex ratios shown in the UN projection are more reasonable.

The number of males of all ages per 100 females is 100.4 in our smoothed and adjusted 1957 figures as compared with 101.4 in the UN projection. The former figure is closer to the ratio of males to females found at the 1948 census (100.7), but it might be supposed that the sex ratio at that date was abnormally low owing to male war casualties.

TABLE I. POPULATION ESTIMATES FOR THE PHILIPPINES: 1957-1962 (Sheet 1)

| • | i | Total Population July 1957a | Survival ratios (Px of Model Life Table) c = 45 | | 1952 Adjusted to Controle | Average Annual Rate of Increase | | 1950 | 1960 : | 1961 |
|-----|-------------------------------|-----------------------------------|-------------------------------------------------------------|-------------------------------------|---------------------------------|------------------------------------------|------------------------|-----------------------------|------------------------|------------------------|
| 7 | otal both Sexes | 23,322,000 | | 26,945,601 | 26,971,000 | | 24.007,703 | 12,445,901 | 12,813,909 | 13,193,406 |
| | Total Males | 11,742.925 | | 13,571,787 | 13.584,580 | •••• | 12.089.022 | 2,314,387 1.%\$2.141 | 2,386,133 1,928,442 | 2,460,103 |
| | 0- 4 5- 9 | | .9287 .9 7 85 | 2,534.191 ^b 2,022.060 | 2.536.580 2,023.966 | 3.10 2,46 | 2,244.798 | 1,601.177 | 1,651,294 | 1,975,882 1,702,980 |
| | 0-14 | 1,505,460 | .9783 .9681 | 1,754,302 1,472,792 | 1.755,956 1,474.180 | 3.13 3.82 | 1,836,952 1,552,581 | 1,317,012 1,072,349 | 1.367,322 1.108,273 | 1,419,554 1,145,400 |
| 5 2 | 20-24 25-29 | 1,003,957 | .9615 .9592 | 1,182,899 965,305 | 1,184,014 966,215 | 3.35 3.77 | 1,268,553 1,037,590 | 864,660 699,517 | 897,258 722,531 | 931,085 746,302 |
| : | 30-34 35-39 | 655,665 | .9551 .947 3 | 770,214 626,226 | 770,940 626,816 | 3.29 1.84 | . 833,247 677,236 | 59 3, 557 520,154 | 604,478 527,540 | 615,600 535,031 |
| 4 | 10-44 | 505,690 | .9342 .9150 | 542,143 472,416 | 542,654 472,861 | 1.42 | 582,833 512,87! | 442.231 351.754 | 452,225 363,256 | 462,445 375,134 |
| 1 | 15-49 50-54 | . 329,831 | .8877 .8488 | 386,953 292,791 | 387,318 293,067 | 3.27 3.56 | 432,457 340,616 | 263,922 194,532 | 273,318 199,279 | 283,048 204,141 |
| | 56-59 50-64 | . 185375 | .7924 .7116 | 208,879 | 209,076 | 2.44 | 254,849 189,898 | 144,885 99,690 | 145,580 100,527 | 146,279 101,371 |
| • | 65-69 70-74 | . 98,036 | .6054 | 146,891 102,117 | 147,029 102,213 | 0.48 0.84 | 144,193 98,860 | 54,880 29.053 | 56,340 30,113 | 57,839 31,212 |
| | 75-79 80-84 85 and over | 20,802 | .4757 .2768 | 59,351 24,771 7,486 | 59,407 24,794) 7.493) | 2.66 3.65 | 53,458 28,030 | 21,714.791 | 25,443,952 | 26,195,899 |

Published total 23,322,000 distributed by sex and age on the basis of sex-age distribution of U.N. projection for mid-1957.

Estimated in Table I-A.

c Adjustment factor = $\frac{26,971,000}{26,945,601}$ = 1.0009426

TABLE I. POPULATION ESTIMATES FOR THE PHILIPPINES: 1957-1962 (Continuation) (Sheet 1)

| | Total Population July 1957 ^a | Survival ratios (Px of Model Life Table) o = 45 | Population | | Average Annua! Rate of Increuse | 1958 | 1959 | 1960 | 1961 |
|---------------|-----------------------------------------------|-------------------------------------------------------------|------------|------------|------------------------------------------|------------|------------|------------|------------|
| Total Females | 11,579,075 | ******* | 13,373,814 | 13,386,420 | ****** | 11,918,681 | 12,268,890 | 12.630,043 | 13,002,493 |
| 0-4 | 2,120,205 | .9300 | 2,468,6275 | 2,470,954 | 3.11 | 2,186,143 | 2,254,132 | 2,324,236 | 2,396,520 |
| 5- 9 | 1,686,267 | .9773 | 1,971,791 | 1,973,650 | 3.20 | 1,740,228 | 1,795,915 | 1,853,384 | 1.912,692 |
| 10-14 | 1,398,878 | .9764 | 1,647,989 | 1,649,542 | 3.35 | 1,445,740 | 1,494,172 | 1,544,227 | 1,595,959 |
| 15-19 | 1,206,651 | .9671 | 1,365,864 | 1,367,151 | 2.53 | 1,237,179 | 1,268,480 | 1,300,573 | 1,333,477 |
| 20-24 | 1.042.973 | ,9606 | 1,166,952 | 1,168,052 | 2.29 | 1,066,857 | 1,091,288 | 1,116,278 | 1,141,841 |
| 25-29 | 848,843 | .9577 | 1.001,880 | 1,002,824 | 3.39 | 877,619 | 907,370 | 938,130 | 969,933 |
| 30-34 | 685,355 | 9550 | 812,937 | 813,703 | 3.49 | 709,274 | 734,028 | 759,646 | 786,158 |
| 35-39 | 583,342 | ,9513 | 654,514 | 655,131 | 2.55 | 597,051- | 611,082 | 625,442 | 640,140 |
| 10-44 | 506,832 | .9439 | 554,933 | 555,456 | 1.85 | 516,208 | 525,758 | 535,485 | 545,391 |
| 15-49 | 421,186 | .9304 | 478,399 | - 478,850 | 2.60 | 432,187 | 443,373 | 454,901 | 466,728 |
| 50-54 | 317,079 | .9098 | 391,871 | 392,240 | 4.34 | 330,840 | 345,198 | 360,180 | 375,812 |
| 55-59 | 226,485 | .8761 | 288,478 | 288,750 | 4,98 | 237,764 | 249,605 | 262,035 | 275,094 |
| 50-64 | 179,856 | .8230 | 198,424 | 198,611 | 2.00 | 183,453 | 187,122 | 190,864 | 194,631 |
| 55-69 | 153,020 | .7443 | 148,021 | 148,161 | 0.64 | 152,041 | 151,068 | 150,101 | 149,140 |
| 70-74 | 108,675 | .6358 | 113,893 | 114,000 | 0.96 | 109,718 | 110,771 | 111,834 | 112,908 |
| 75-79 | 59,743 | .5040 | 69,096 | 69,161 | 3,00 | 61,535 | 63,381 | 65,282 | 67,240 |
| 80-84 | 25,275) | .2979 | 30,110 | 30,138) | 3.59 | 34,894 | 36.147 | 37,445 | 38,789 |
| 85 and over | 8,410) | | 10,035 | 10,044) | | • | | | |

- Fublished total 20,322,000 distributed by sex and age on the basis of sex-age distribution of U.N. projection for mid-1957.
- b Estimated in Table I-A.
- e Adjustment factor = $\frac{26,971,000}{26,945,601}$ = 1.0009426

TABLE I. POPULATION ESTIMATES FOR THE PHILIPPINES: 1957-1962

(Sheet 2)

| | 1 | 1 | Adjusted 1 | rom Sheet I | | |
|-----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | 1957 | 1958 | 1959 | 1960 | 1961 | 1962 |
| Both Sexes—Control Total | 23,322,000 | 24.010,000 | 24,718,000 | 25,448,000 | 26,198,000 | 26.971.000 |
| Total by adding interpolated data | | 24,007,703 | 24,714,791 | 25,443,952 | 26,195,899 | |
| Adjustment factor | | 1.0000957 | 1.0001298 | 1.0001591 | 1.0000802 | |
| Total Males | 11,742,925 | 12,090,179 | 12,447,516 | 12,815,949 | 13,194,465 | 13,584,580 |
| 0- 4 5- 9 | 2,177,302 1,792,848 | 2,245,013 1,837,128 | 2,314,687 1,882,385 | 2,386,513 1,928,749 | 2,460,300 1,976,040 | 2,536,580 2,023,966 |
| 10-14 | 1,505,460 | 1,552,730 | 1,601,385 | 1,651,557 | 1,703,117 | 1,755,956 |
| 15-19 20-24 | 1,221,877 1,003,957 | 1,268,674 1.037.689 | 1,317,183 1,072,488 | 1,367,540 1,108,449 | 1,419,668 1,145,492 | 1,474,180 1,184,014 |
| 25-29 | 802,975 | 833,327 | 864,772 699,608 | 897,401 | 931,160 746,362 | 966,215 |
| 30-34 | 655,665 572,303 | 677,301 582,889 | 593,634 | 722,646 604,574 | 615,649 | 770,940 626,810 |
| 40-4445-49 | 505,690 422,899 | 512,920 432,498 | 520,222 442,288 | 527,624 452,297 | 535,074 462.482 | 542,654 472,86 |
| 50-54 | 329,831 | 340,649 | 351,800 | 363,314 | 375,164 | 387,31 |
| 55-5960-64 | 246,088 185,375 | 254,873 189,916 | 263,956 194,557 | 273,361 199,311 | 283,071 204,157 | 293,06' 209,076 |
| 65-69 | 143,504 98,036 | 144,207 | 144,904 99.703 | 145,603 100,543 | 146,291 101,379 | 147.02: 102,21; |
| 70-74 | 52,073 | 98,869 53,463 | 54,887 | 56,349 | 57,844 | 59,40 |
| 80 and over | 27,043 | 28,033 | 29,057 | 30,118 | 31,215 | 32,287 |

TABLE 1. POPULATION ESTIMATES FOR THE PHILIPPINES: 1957-1962 (Continuation) (Sheet 2)

| | 1050 | | Adjusted fi | rom Sheet I | | 1000 |
|---------------|------------|------------|-------------|-------------|------------|------------------|
| | 1957 | 1958 | 1959 i | 1960 | 1961 | 1962 |
| Total Females | 11,579,075 | (1,919,822 | 12,270,483 | 12,632,053 | 13,003,535 | 13,386,420 |
| 0-4 | 2,120,205 | 2,186,352 | 2,254,425 | 2,324,606 | 2,396,712 | 2,470,954 |
| 5- 9 | 1,686,267 | 1,740,395 | 1,796,148 | 1,853,679 | 1,912,845 | 1.973,650 |
| 0-14 | 1,398,878 | 1,445,878 | 1,494,366 | 1,544,473 | 1,596,087 | 1,649,542 |
| 5-19 | 1,206,651 | 1,237,297 | 1,268,615 | 1,300,780 | 1,333,584 | 1,367,151 |
| 0-24 | 1,042,973 | 1,066,959 | 1,091,430 | 1,116,456 | 1,141,933 | 1,168,052 |
| 5-29 | 848,843 | 877,703 | 907,488 | 938,279 | 970,011 | 1,002,824 |
| 0-34 | 685,355 | 709,342 | 734,123 | 759,767 | 786,221 | 813,703 |
| 5-89 | 583,342 | 597,108 | 611,161 | 625,542 | 640,191 | 655,131 |
| 0-44 | 506,832 | 516,257 | 525,826 | 535,570 | 545,435 | 55 5,4 56 |
| 5-49 | 421,186 | 432,178 | 443,431 | 454,973 | 466,765 | 478,850 |
| 0-54 | 317,079 | 330,872 | 345,243 | 360,237 | 375,842 | 392,240 |
| 5-59 | 226,485 | 237,787 | 249,637 | 262,077 | 275,106 | 288,750 |
| 0-64 | 179,856 | 183,471 | 187,146 | 190,894 | 194,697 | 198,611 |
| 5-69 | 153,020 | 152,056 | 151,088 | 150,125 | 149,152 | 148,161 |
| 0-74 | 108,675 | 109,729 | 110,785 | 111,852 | 112,917 | 114,000 |
| 5-79 | 59,743 | 61,541 | 63,389 | 65,292 | 67,245 | 69,161 |
| 0 and over | 33.685 | 34,897 | 36,152 | 37,451 | 38,792 | 40,182 |

747

TABLE I-A. ESTIMATE OF BIRTHS 1957-1962 AND SURVIVORS AGED 0-4 IN 1962

| Age Group | Females July 1957 | Weights | Product | Estimated Births 1957 | "Sex-age Adjusted Birth Rate" | Females July 1962 | í Weights | Product | Mean Weighted | Birtl (Ag | Quinquennial Birth Rates (Age-Sex adjusted) | |
|-----------|----------------------|-----------|------------|-----------------------------|----------------------------------------|----------------------|---------------------|------------|------------------|--------------|------------------------------------------------------|--|
| | 1 | | | | nate | | ! | <u>:</u> | <u>'</u> | Male | Female | |
| 15-19 | 1,206,651 | 1 | 1,206,651 | | | 1,365,861 | 1 | 1,365,864 | | | | |
| 20-24 | 1,042,973 | 7 | 7,300,811 | | | 1,166,952 | 7 | 8,168,664 | | | | |
| 25-29 | 848,843 | 7 | 5,941,901 | | | 1,001,880 | 7 | 7,013,160 | | | | |
| 30-34 | 685,355 | G | 4,112,130 | | | 812,937 | 6 | 4,877,622 | | | | |
| 35-39 | 583,342 | 1 | 2,333,368 | | | 654,514 | .1 | 2,618,056 | | | | |
| 40-44 | 506,832 | 1 | 506,832 | | | 554,983 | 1 | 554,933 | | | | |
| | | _ | 21,401,693 | 1,135,781 | 53.07 | | • | 24,598,299 | 22,999,996 | 135.91 | 129.44 | |
| • | Estimated | Births 19 | 957-62 | | | Estimate | d Survivo | ors | | | | |
| | Male | <u>Fe</u> | niale | | | Male | Fem | iale | | | | |
| ; | 3.125.929 | 2.9 | 77,119 | | | 2,534,191 | 9 46 | 58,627 | | | | |

TABLE II. POPULATION ESTIMATES FOR THE PHILIPPINES: 1952-57 (Sheet 1)

| | Total Population July 1957 | Survival ratios (Px of Model Life Table °e _o =40 | Estimated | Population Adjusted to Control ^a 1952 | Annual | 1953 | 1954 | 1955 | 1956 | |
|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Total Both sexes | 23,322,006 | | 20,528,199 | 20,714,000 | | 21,207,894 | 21,715,233 | 22,236,404 | 22,771,801 | |
| Total Males | 11,742,925 | | 10,331,531 | 10,425,542 | | 10,674,632 | 10,931,060 | 11,194,524 | 11,465,231 | _ |
| 0- 1 5- 9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 | 2,177,302 1,792,848 1,505,460 1,221,877 1,003,957 802,975 655,665 572,303 505,690 422,599 329,831 246,088 185,375 143,504 98,036 52,073 | .9098 .9725 .9729 .9612 .9530 .9494 .9437 .9336 .9180 .8964 .8664 .8241 .7660 .6820 .5732 | 1,970,596 1,548,031 1,255,912 1,044,488 842,576 690,610 606,446 541,656 460,674 367,951 284,035 224,724 187,342 143,748 90,846 46,957 | 1,988,182 1,562,042 1,267,279 1,063,973 850,202 696,861 611,935 546,559 464,844 371,281 286,406 226,758 189,038 145,049 91,668 47,382 | 1.83 2.80 3.50 3.00 3.39 2.87 1.40 0.92 1.70 2.64 2.85 1.65 —0.38 —0.21 1.34 | 2,024,820 1,605,779 1,311,634 1,085,555 879,024 716,861 620,502 551,587 472,746 381,083 294,774 230,500 188,320 144,744 92,896 48,287 | 2,061,874 1,650,741 1,357,541 1,118,121 908,823 737,435 629,189 556,662 480,783 391,144 303,175 234,303 187,603 144,440 94,141 49,209 | 2,099,606 1,696,962 1,405,055 1,151,665 939,632 758,599 637,998 561,783 488,956 401,470 311,815 238,169 186,891 144,137 95,402 50,149 | 2,138,029 1,744,477 1,454;232 1,186,215 971,486 780,371 646,930 566,951 497,268 412,069 320,702 242,099 186,181 143,834 96,680 51,107 | 1.0 |

TABLE. II: POPULATION ESTIMATES FOR THE PHILIPPINES: 1952-57 (Continued)

(Sheet 2)

| | | Total Population July 1957 | Survival ratios (Px of Model Life Table e _o =40 | Estimated Population July 1952 | | Annual | 1953 | 1954 | 1955 | 1956 |
|----------|---------------|----------------------------------|------------------------------------------------------------------------|--------------------------------------|------------|----------|------------|-------------|------------|-------------|
| | Total Females | 11,579,075 | • | 10.196,668 | 10,288,958 | <i>:</i> | 10,533,262 | :10,784,173 | 11,041,880 | 11,306,570 |
| | 0- 4 | 2,120,205 | .9105 | 1,852,023 | 1,868,786 | 2.55 | 1,916,440 | 1,965,309 | 2,015,424 | : 2,066,817 |
| | 5- 9 | 1,686,267 | .9707 | 1,441,102 | 1,454,145 | 3.01 | 1,497,915 | 1,543,002 | 1,589,446 | 1,637,288 |
| <u>.</u> | 10-14 | 1,398,378 | .9701 | 1,243,842 | 1,255,100 | 2.20 | 1,282,712 | 1,310,932 | 1,339,773 | 1,369,248 |
|) | 15-19 | 1,206,651 | .9587 | 1,087,903 | 1,097,750 | 1.91 | 1,118,717 | 1,140,084 | 1,161,860 | 1,184,052 |
| | 20-24 | 1,042,973 | .9500 | 893,519 | 901,606 | 2.95 | 928,203 | 955,585 | 983,775 | 1,012,796 |
| | 25-29 | 848,843 | .9456 | 724,783 | 731,343 | 3.02 | 753,430 | 776,184 | 799,625 | 823,774 |
| | 30-34 | 685,355 | .9419 | 619,325 | 624,931 | 1.86 | 636,555 | 648,395 | 660,455 | 672,759 |
| | 35-09 | 583,342 | :9372 | 540,794 | 545,689 | 1.34 | 553,001 | 560,411 | 567,921 | 575,531 |
| | 40-41 | 506,832 | .9290 | 453,376 | 457,480 | 2.07 | 466,950 | 476,616 | 486,482 | 496,552 |
| | 45-49 | 421,186 | .9140 | 346,914 | 350,054 | 3.76 | 363,216 | 376,873 | 391,043 | 405,746 |
| | 50-54 | 317,079 | .8910 | 254,192 | 256,493 | 4.33 | 267,599 | 279,186 | 291,275 | 303,887 |
| | 55-59 | 226,435 | :8538 | 210,654 | 212,561 | 1.28 | 215,282 | 218,038 | 220,829 | 223,656 |
| | 60-64 | 179,856 | .7967 | 192,067 | 193,805 | 1.48 | 190,937 | 188,111 | • | 182,584 |
| | 65-69 | 153,020 | 7145 | 152,099 | 153,476 | 0.06 | 153,384 | | • | 143,108 |
| | 70-74 | 108,675 | .6029 | 99,093 | 99,990 | 1.69 | 101,680 | 103,398 | | 106,922 |
| | 75-79 | 59,743 | .4687 | 53,926 | 54,414 | 1 | 55,437 | 56,479 | | 58,623 |
| | 80-84 | 25,275) | .2708 | 31,056 | 31,337 | 1.49 | 31,804 | 32,278 | 32,750 | 33,247 |
| | 85 and over | 8,410) | : | | l | • | • | | | : |

TABLE. II. POPULATION ESTIMATES FOR THE PHILIPPINES: 1952-57

(Sheet 2)

| | 1 | A | djusted fr | om Sheet | 1 | 1055 | |
|----------------------------------|------------|------------|------------|------------|------------|-----------------|---|
| | 1952 | 1953 | 1954 | 1955 | 1956 | ! 1957 : | |
| oth Sexes—Control Total | 20,714,000 | 21,211,000 | 21,720,000 | 22,241,000 | 22,775,000 | 23,322,000 | |
| otal by Adding Interpolated data | | 21,215,730 | 21,750,921 | 22,259,962 | 22,803,245 | | |
| djustment factor | | .9997771 | .9994974 | .9991482 | .9987614 | | |
| Total Males | 10,425,012 | 10,675,982 | 10,933,037 | 11,196,245 | 1,466,069 | 11,742,925 | |
| - 4 | 1,988,432 | 2,025,130 | 2.062.339 | 2,100,049 | 2,138,335 | 2,177,302 | - |
| • 9 | 1,562,012 | 1,606,025 | | 1,697,320 | 1,744,727 | 1,792,848 | |
| -14 | 1,267,279 | 1,311,835 | | 1,405,352 | 1,454,440 | 1.505.460 | |
| -19 | 1,053,957 | 1,085,721 | 1,118,373 | 1,151,908 | 1,186,385 | 1,221,877 | |
| -24 | 850,202 | 879,158 | 909,028 | 939,830 | 971,625 | 1,003,957 | |
| -29 | 696,861 | 716,971 | 737,601 | 758,759 | 780,483 | 802,975 | |
| 34 | 611,935 | 620,597 | 629,331 | 638,133 | 647,023 | 655, 065 | |
| -39 | 546,559 | 551,562 | 556,566 | 561,568 | 566,583 | 572,303 | |
| -44 | 164,844 | 472,815 | 480,891 | 489,059 | 497,339 | 505,690 | |
| -49 | 371,281 | 381,215 | 391,384 | 401,789 | 412,448 | -122,899 | |
| -54 | 286,606 | 234,762 | 303,125 | 311,700 | 320,499 | 329,831 | |
| ·59 | 226,758 | 230,466 | | 238,007 | 241,847 | 246,088 | |
| 64 | 189,038 | 188,613 | 187,819 | 187,012 | 186,199 | 185,375 | |
| -69 | 145,049 | 144,331 | 144,139 | 143,936 | 143,726 | 143,504 | |
| -74 | 91,668 | 92,910 | | 95,422 | 96,694 | 98,036 | |
| -79 | 47,382 | 48,294 | | 50,160 | 51,114 | 52,073 | |
| 0 and over | 25,170 | 25,524 | 25.881 | 26,241 | 26,604 | 27,043 | |

| * ප් ප් ප් ප් ප් ස් ස් ස් ස් ස් ස් ස් ස් ස් ස් ස් ස් ස් | | | | | | | |
|---------------------------------------------------------------------------------------------------------------|------------|-----------|--|--|--|--|--|
| eet I | | | | | | | |
| | 1956 | 1957 | | | | | |
| ,755 | 11,308,932 | 11,579,07 | | | | | |
| ,849 | 2,067,118 | 2,120,20 | | | | | |
| ,782 | 1,637,522 | 1,686,26 | | | | | |
| ,056 _ | 1,369,444 | 1,398,87 | | | | | |
| ,105 | 1,184,221 | 1,206,65 | | | | | |
| ,983 | 1,012,941 | 1,042,97 | | | | | |
| ,259 | 824,531 | 848,84 | | | | | |
| ,399 | 672,571 | 685,35 | | | | | |
| ,705 | 575,159 | 583,34 | | | | | |
| ,014 | 497,207 | 506,83 | | | | | |
| ,126 | 405,804 | 421,18 | | | | | |
| ,673 | 304,398 | 317,07 | | | | | |
| ,286 | 222,893 | 226,48 | | | | | |
| 13.62 | 182,598 | 179,85 | | | | | |
| 1508 | 153,498 | 153,02 | | | | | |
| 323 | 107,148 | 108,67 | | | | | |
| เอีอี3 | 58,631 | 59,74 | | | | | |
| :766 | 33,252 | 33,68 | | | | | |

TABLE. II. POPULATION ESTIMATES FOR THE PHILIPPIN (Sheet 4)

| | | | Adjusted | from Sh |
|---------------|------------|------------|------------|---------|
| | 1952 | 1953 | 1954 | 1955 |
| Total Females | 10,288.958 | 10,535,068 | 10,786,964 | 11,044 |
| 0- 4 | 1,868,958 | 1,916,733 | 1,965,572 | 2,015 |
| 5- 9 | 1,454,145 | 1,498,144 | 1,543,350 | 1,58% |
| 10-14 | 1,255,100 | 1,282,908 | 1,311,227 | 1,340 |
| 15-19. | 1,097,750 | 1,118,888 | 1,140,341 | 1,162 |
| 20-24 | 901,606 | 928,345 | 955,800 | 983 |
| 25-29 | 731,343 | 753,691 | 776,660 | 800 |
| 30-34 | 624,931 | 636,589 | 648,413 | 660 |
| 35-39 | 545,689 | 552,977 | 560,316 | 567 |
| 40-44 | 457,480 | 467,158 | 477,003 | 487 |
| 45-49 | 350,054 | 363,272 | 376,958 | 391 |
| 50-54 | 256,493 | 267,743 | 279,464 | 291 |
| 55-59 | 212,561 | 215,123 | 217,699 | 220 |
| 60-64 | 193,805 | 190,997 | 188,169 | 185, |
| 65-69 | 153,476 | 153,499 | 153,511 | 153 |
| 70-74 | 99,990 | 101,746 | 103,523 | 105 |
| 75-79 | 54,414 | 55,445 | 56,492 | 57 |
| 80 and over | 31,337 | 31,809 | 32,285 | 32 |

TABLE III. POPULATION ESTIMATES FOR THE PHILIPPINES: 1947-52 (Sheet 1)

| | Total Population July 1952 | Survival Ratios (Px of Model Life Table °e _o —35 | Estimated Population July 1947 | Population Adjusted to Control ^o 1947 | Average Annual Rate of Increase | 1948 | 1949 | 1950 | 1951 |
|------------------|-------------------------------------|-------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------|------------------------------------------|------------|------------|----------------|------------|
| Total both sexes | 20,714,003 | | 18,530,906 | 18,762,000 | | 19,132,826 | 19,513,401 | 19,903,975 | 20,304,804 |
| Total Males | 10.425,043 | | 9,238,495 | 9,404,329 | | 9,597,951 | 9,796,802 | 10,001,026 | 10,210,765 |
| 0- 4 | 1,988,432 | .8868 | 1,761,437 | 1,783,403 | 2.20 | 1,822,638 | 1,862,736 | 1,903,716 | 1,945,598 |
| 5- 9 | 1,562,042 | .9651 | 1,313,106 | 1,329,481 | 3.28 | 1,373,088 | 1,418,125 | 1,464,640 | 1,512,630 |
| 10-14 | 1,267,279 | .9666 | 1,090,355 | 1,103,952 | 2,80 | 1,134,863 | 1,166,639 | 1,199,305 | 1,232,886 |
| 15-19 | 1,053,937 | .9532 | 891,945 | 903,068 | 3.14 | 931,424 | 960,671 | 990,836 | 1,021,948 |
| 20-24 | 850,202 | .9484 | 738,670 | 747,882 | 2,61 | 767,402 | 787,431 | 807,983 | 829,071 |
| 25-29 30-34 | 696,861 | .9381 | 652,313 | 660,448 | 1.08 | 667,581 | 674,791 | 682,079 | 689,445 |
| 30-34 | 611,935 | .9301 | 587,635 | 594,963 | 0.56 | 598,295 | 601,645 | 605,014 | 608,402 |
| 55-39 | 546,559 | .9170 | 506,918 | 513,240 | 1.27 | 519,758 | 526,359 | 533,044 | 539,814 |
| 40-44 | 164,844 | .8980 | 113,453 | 418,609 | 2.12 | 427,484 | 136,547 | 445,802 | 455,253 |
| 45-49 | 371,281 | .8734 | 328,150 | 332,242 | 2.25 | 339,717 | 347,361 | 355,177 | 363,168 |
| 50-54 | 286,606 | .8406 | 269,757 | 273,121 | 0.97 | 275,770 | 278,445 | 281,146 | 283 577 |
| 55-59 | 226,758 | .7964 | 237,366 | 240,326 | —i.15 | 237,562 | 234,830 | 232,129 | 229,460 |
| 60-64 | 189,038 | .7355 | 197,211 | 199,670 | 1.09 | 197,494 | 195,341 | 193,212 | 191,106 |
| 65-69 | 145,049 | .6492 | 141,201 | 142,962 | 0.28 | 143,562 | 143,763 | 144,166 | 144,570 |
| 70-74 | 91,668 | .5386 | 87,973 | 89,070 | 0.58 | 89,587 | 90,107 | 90,630 | 31,156 |
| 75-79 | 47,382 | .4083 | 50,764 | 51,397 | 1.61 | 50,570 | 49,756 | 48,95 5 | 48,167 |
| 80-84 | 20,7276 | .2195 | 20.241 | 20,493 | 4.21 | 21,356 | 22,255 | 23,192 | 24,168 |
| 85 and over | | | | | | | | | |

18,530,906

Derived from Table II

B Estimated from Table 7, page 14 of UN Mannual III 18,762,000

^{...}__ . = 1.0124707 e Adjustment Factor:

TABLE III. POPULATION ESTIMATES FOR THE PHILIPPINES: 1947-52 (Continued) (Sheet 2)

| | : | Total Population July 1952 | Survival Ratios (Px of Model Life Table | Estimated Population July 1947 | Population Adjusted to Controle 1947 | | 1948 | 1949 | 1950 | 1951 |
|--------|--------------|-------------------------------------|--------------------------------------------------|-----------------------------------------|-----------------------------------------------|------|-----------|-----------|-----------|------------|
| Total | Females | 10,288,960 | | 9,242,411 | 9,357,670 | | 9,534,875 | 9,716,599 | 9.902,949 | 10,094,039 |
| 0- 4 | ************ | 1,868,786 | .8870 | 1,639,597 | 1,659,841 | 2,40 | 1,699,677 | 1,740,469 | 1,782,240 | 1,825,014 |
| | •••••• | | .9627 | 1,803,729 | 1,319,987 | 1,95 | 1,345,727 | 1,371,969 | 1,398,722 | 1,425,997 |
| | ••••• | | .9628 | 1,140,104 | 1,154,383 | 1.69 | 1.173,892 | 1,193,731 | 1,213,905 | 1,234,420 |
| 15-19 | ••••• | 1,097,750 | .9495 | 949,559 | 961,401 | 2.70 | 987,359 | 1,014,018 | 1,041,396 | 1,069,51 |
| 20-24 | *********** | 901,606 | .9387 | 779,102 | 788,818 | 2.71 | 810,195 | 832,151 | 854,702 | 877,86 |
| 25-29 | | 731,343 | .9322 | 670,383 | 678,743 | 1.50 | 688,924 | 699,258 | 709,747 | 720,39 |
| 30-34 | | 624,931 | .9265 | 588,979 | 596,324 | 0.94 | 601,929 | 607,587 | 613,298 | 619,06 |
| ::5-39 | | 545,689 | .9204 | 497,045 | 503,243 | 1.65 | 511,547 | 519,988 | 528,568 | 537,289 |
| 40-44 | | 457,480 | .9110 | 384,252 | 389,044 | 3.30 | 401,832 | 415,144 | 428,844 | 442,990 |
| 45-49 | | 350,051 | .8942 | 286,841 | 290,418 | 3.81 | 301,483 | 312,970 | 324,894 | 337,27 |
| | | | .8658 | 244, 6 60 | 247,711 | 0.70 | 249,445 | 251,191 | 252,949 | 254,720 |
| 55-59 | | | .8285 | 233,923 | | 2.13 | 231,748 | 226,765 | 221,890 | 217,119 |
| 60-64 | | | .7682 | 199,787 | | 0.85 | 200,559 | 198,854 | 197,164 | 195,48 |
| | | | .6830 | 146,398 | 148,224 | 0.70 | 149,262 | 150,307 | 151,359 | 152,419 |
| | | | .5689 | 95,648 | 96,841 | 0.65 | 97,470 | 98,104 | 98,742 | 99,38 |
| | | | .4331 | 59,584 | | 2.04 | 59,096 | 57,890 | 56,709 | 55,55 |
| | over | | .2409 | 22,960 | 23,246 | 6.17 | 24,680 | 26,203 | 27,820 | 29,530 |

Adjustment Factor:

 $\frac{18,762,000}{18,530,906} = 1.0124707$

TABLE III. POPULATION ESTIMATES FOR THE PHILIPPINES: 1947-52 (Sheet 2)

| | 1947 | A d | justed fr | om Sheet | I |
|----------------------------------|------------|------------|------------|------------|-----------|
| | | 1948 | 1949 | 1950 | 1951 |
| otl: Sexes-Control Total | 18,762,000 | 19.127,000 | 19,520,000 | 19,910,000 | 20,308,00 |
| otal by adding interpolated data | | 19,182,826 | 19,513,401 | 19,903,975 | 20,304,80 |
| ljustment factor | | 1.0002182 | 1.0009382 | 1.0003027 | 1.000157 |
| Total Males | 9,404,329 | 9,600,046 | 9,800,115 | 10,004,052 | 10,212,37 |
| 0- 4 | 1,783,403 | 1,823,036 | 1,363,366 | 1,904,292 | 1,945,90 |
| 5- 9 | 1,329,481 | 1,373,388 | 1,418,605 | 1,465,083 | 1,512,91 |
| 10-14 | 1,103,952 | 1,125,111 | 1,167,034 | 1,199,668 | 1,233,08 |
| 15-19 | 903,068 | 931,627 | 960,996 | 991,136 | 1,022,10 |
| 20-24 | 747,882 | 767,569 | 787,697 | 808,228 | 829,20 |
| 25-29 | 660,448 | 647,727 | 675,013 | 682,285 | 689,55 |
| 30-31 | 594,963 | 598,426 | 601,848 | 605,197 | 608,49 |
| 35-39 , | 513,240 | 519,871 | 526,537 | 583,205 | 539,89 |
| 40-44 | 418,609 | 427,577 | 436,695 | 445,937 | 455,32 |
| 45-49 | 332,242 | 039,791 | 317,478 | 355,285 | 363,22 |
| 50-54 | 273,121 | 275,830 | 278,539 | 281,231 | 283,91 |
| 55-59 | 240,326 | 237,614 | 234,909 | 232,199 | 229,49 |
| 60-61 | 199,670 | 197,537 | 195,407 | 193,270 | 191,13 |
| 65-G9 | 142,962 | 143,393 | 143,812 | 144,210 | 144,59 |
| 76-74 | 89,070 | 89,607 | 90,137 | 90,657 | 91,17 |
| 75-79 | 51,397 | 59,581 | 49,773 | 48,970 | 48,17 |
| SO and over | 20,493 | 21.361 | 22,263 | 23,199 | 24,17 |

| | ·. | Adj | usted fro | m Sheet | <u> </u> |
|---------------|-----------|-----------|-----------|-----------|------------|
| | 1947 | 1948 | 1949 | 1950 | 1951 |
| fotal Females | 9,357,670 | 9,536,956 | 9,719,885 | 9,905,946 | 10,095,626 |
| 0 · 1 · · · · | 1,659,841 | 1,700,048 | 1,741,058 | 1,782,779 | 1,825,301 |
| 5- 9 | 1,319,987 | 1,346,021 | 1,372.433 | 1,399,145 | 1,426,221 |
| 10-14 | 1,154,383 | 1,174,148 | 1,194,135 | 1,214,272 | 1,234,614 |
| 15-19 | 961,401 | 987,574 | 1,014,361 | 1,041,711 | 1,069,682 |
| 20-24 | 788,818 | \$10,372 | 832,432 | 854,961 | 878,002 |
| 25-29 | 678,743 | 689,074 | 699,494 | 709,962 | 720,505 |
| 30-34 | 596,324 | 602,060 | 607,792 | 613,484 | 619,160 |
| 35-39 | 503,243 | 511,659 | 520,164 | 528,728 | 537,374 |
| 40-14 | 389,044 | 401,970 | 415,284 | 428,974 | 443,066 |
| 45-49 | 290,418 | 301,549 | 313,076 | 324,992 | 337,325 |
| 50-54 | 247,718 | 249,499 | 251,276 | 253,026 | 254,760 |
| 55-59 | 236,840 | 231,709 | 226,842 | 221,957 | 217,153 |
| 60-61 | 202,278 | 200,603 | 198,921 | 197,224 | 195,519 |
| 65-69 | 148,224 | 1 19,295 | 150,358 | 151,405 | 152,443 |
| 70-74 | 96,841 | 97,491 | 98,137 | 98,772 | 99,400 |
| 75-79 | 60,327 | 59,109 | 57,910 | 56,726 | 55,560 |
| 80- and over | 23,246 | 24,685 | 26,212 | 27,828 | 29,541 |

Table A. Estimates of Mid-Year 1957 Population of the Philippines by Sex and Age
(Figures in thousands)

| | | PS | SH survey r | | 1957 | 1957 private household | | tion in correc- tional | institu- tional popula- | and depen- dents d | 1957 total population | |
|-------------|------|-----|-------------|---------|---------|------------------------------|------------|------------------------------|-------------------------------|--------------------------|-----------------------------|-----|
| Sex and | Marc | | May | October | | popula- | Armed | Institu- | tion | | | |
| Age | 195 | 7 | 1957 | 1957 | results | tion* | Forces c | tions | | | | |
| BOTH | : | | | | | | | | | | | |
| SEXES | 22,8 | 93 | 22,876 | 22,962 | 22,910 | 23,122 | 50 | . 20 | 40 | 90 | 23,322 | |
| MALES | 11,1 | 13 | 11.431 | 11,450 | 11,431 | 11.537 | 50 | 20 | 20 | 60 | 11,687 | |
| 0-4 years | 2,0 | 30 | 1,996 | 2,022 | 2,016 | 2,035 | | | | 6 | 2,041 | |
| 5-9 years | 1,9 | 02 | 1,917 | 1,929 | 1,916 | 1,934 | | _ | 1 - | 6 | 1,941 | 156 |
| 10-14 years | 1.4 | 27 | 1,444 | 1,435 | 1,435 | 1,448 | | _ : | 1 | 5 | 1,454 | ÷ |
| 15-19 years | 1,1 | 83 | 1,173 | 1,190 | 1,182 | 1.193 | 12 | . 1 ! | ì. | 11 | 1,218 | |
| 20-24 years | . 9 | 25 | 931 | 920 | 925 | 934 | 17 | 4 | 1 | 11 | 967 | |
| 25-29 years | 7 | 39 | 739 | 719 | 732. | - 739 | 10 | 4 | ŧ . | 6 | 760 | |
| 30-34 years | , G | 0-1 | 574 | 590 | 589 | 594 | 7 | 3 2 2 | i ` | 4 | 609 | |
| 35-39 years | | 76 | 609 | 587 | 591 | 596 | 4 - | 2 . | ĩ. | 4 | 607 | |
| 40-44 years | . 5 | 09 | 507 | 498 | 505 | 510 | ; | 2 | ī | 2 | 515 | |
| 45-49 years | | 12 | 470 | 478 | 458 | 157 | ٠ | . <u>Ī</u> | 1 | i | 460 | |
| 50-54 years | | 21 | 312 | 323 | 319 | 322 | _ | ī | 2 | ī | 326 | |
| 55-59 years | 2 | 40 | 248 | 258 | 249 | 251 | | i . | 2 i | 1 | 255 | |
| 60-64 years | | 81 | 161 | 151 | 164 | 166 | : | ì | 2 1 | ī | 170 | |
| 65-69 years | | | • | | | 173b | _ | <u> </u> | <u> </u> | 1 | 175 | |
| 70-74 years | 3 | 63 | 351 | 353 | 355 | 105b | | ~ | î | | 106 | |
| 75-79 years | | | • | | | 53b | | . - : | ; ' | | 54 | |
| 80-84 years | | | | | | 216 | - : | . <u> </u> | i : | | 22 | |
| 85 years | | | | | | 6h | · _ ; | · : | îi | | 7 | |
| over | • | | | | | | • | | | | • | |

TABLE A (Continued) Estimates of Mid-Year 1957 Population of the Philippines by Sex and Age

(Figures in thousands)

| PSSH survey results | | | Mean of 1957 PSSH results | Mid-year 1957 private household | : | Popula- tion in correc- tional | Other institutional popula- | and depen- | Mid-year 1957 total population | |
|----------------------------|---------------|----------------|------------------------------------|------------------------------------------|-------------------|-----------------------------------------|-----------------------------|---------------|-----------------------------------------|------------|
| Sex and Age | March 1957 | May 1957 | October 1957 | | popula- tion * | Armed Forces | Institu- | tion c | | |
| FEMALES | 11,480 | 11,445 | 11,512 | 11,479 | 11,585 | : | · | 20 | 30 | 11,635 |
| 0-4 years | 1,931 | 1,933 | 1,907 | 1,923 | 1,941 | | <u> </u> | - ; | 4 | 1,945 |
| 5-9 years | 1,779 | 1,748 | 1,764 | 1,764 | 1,780 | | · | 1 ! | 4 | 1,785 |
| 10.14 years | 1,364 | 1,380 | 1,418 | 1,387 - | 1,400 | : — | - : | 1 : | 3 | 1,404 |
| 15-19 years | 1,283 | 1,225 | 1,244 | 1,250 | 1,262 | : | · — : | 1 ; | 5 | 1,268 |
| 20-24 years | 999 | 1,022 | 1,024 | 1,015 | 1,024 | : | : — | 1 1 | 5 | 1,030 |
| 25-29 years | 329 | 835 | 628 | 831 | 838 | | — : | ! | 3 | 842 |
| 30-34 years | 669 | 638 | 644 649 | 650 636 | 656 642 | : | : | , , | 1 | 658 644 |
| 35-39 years 40-44 years | 610 530 | 649 ! 508 : | 517 | 518 | 523 | . – | : | 1 | 1 | 525 |
| 45-49 years | 424 | 452 | 464 | 447 | 451 | 1 = | : = | , î . | 1 | 453 |
| 50-54 years | 319 | 310 | 318 | 316 | 319 | : <u> </u> | · _ | , i | î | 321 |
| 55-59 years | 219 | 213 | 207 | 213 | 215 | | · ; | - Î : | ī | 217 |
| 60-64 years | 174 | 180 | 170 | 175 | 177 | | ! ! | ī | _ | 178 |
| 65-69 years | | 200 : | _,,, | | 164b | · - | : | ī | _ | 165 |
| 70-74 years | : | Í | | | 105b | , — | | 2 | _ | 107 |
| 75-79 years | 349 ! | 352 | 360 | 354 | 57b | : - | · _ · | 2 ; | _ | 59 |
| 80-84 years | · i | | | | 23b | : | . — . | 2 | | 25 |
| 85 years | | | ; | | 8b | ! — | . – : | 1 | | ; 9 |
| and over | . ! | | • | | • | • | : . | i | | • |

Footnotes for Table A

The total population estimate for mid-year 1957 as agreed upon by the Committee on Demography is here distributed by the mean sex-age distribution of the three 1957 PSSH survey rounds. b PSSH data are tabulated for the group 65 years of age and over without subdivision. The breakdown given here has been estimated

from a model stable population with GRR = 3 and ec. .: 40.

The totals by sex have been estimated on the basis of 1948 census returns. The age distribution of similar groups in the United States census of 1950 has been applied to obtain the estimates by age.

The totals by sex have been estimated independently and distributed by age on the basis of data on age of migrants collected in the May 1957 PSSH.

Table B Smoothing of Mid-Year 1957 Population by Sex and Age for Age Groups 10-64

(Figures in thousands)

| Sex and age | S-: | 4 S-3 : | 10 s | 4 S. | S ₂ | $\begin{array}{c} 1/16 \left(-S_{-2} \div 4 S_{-1} \div 10 S + 4 S_{2} - S_{1} \right) \end{array}$ |
|-------------|-------|---------|--------|-------|----------------|------------------------------------------------------------------------------------------------------|
| MALES | | | | | | • • • • |
| 10-14 years | 2,041 | 7,764 | 14,540 | 4,872 | 967 | 1,510 |
| 15-19 years | 1,941 | 5,816 | 12,180 | 3,868 | 760 | 1,198 |
| 20-24 years | 1,454 | 4,872 | 9,670 | 3,040 | 609 | 970 |
| 25-29 years | 1,218 | 3,868 | 7,600 | 2,436 | 607: | 755 |
| 30-34 years | 967. | 3,040 | 6,090 | 2,428 | | 630 |
| 35-39 years | 760 | 2.436 | 6,070 | 2,060 | 460 | 584 |
| 40-44 years | 609 | 2,428 | 5,150 | 1,840 | 326 | 530 |
| 45-49 years | 607 | 2,060 | 4,600 | 1,304 | 255· | 444 |
| 50-54 years | 515 | 1,840 . | 3,260 | 1,020 | 170 | 340 |
| 55-59 years | 460 | 1,304 | 2,550 | 680 | 175 | 244 |
| 60-64 years | 326 | 1,020 | 1,700 | 700 | 106 | 187 |
| FEMALES | 1 | | | i | | |
| 10-14 years | 1,945 | 7,140 | 14,040 | | 1,030 | 1,455 |
| 15-19 years | 1,785 | 5,616 | 12,680 | | 842 i | 1,237 |
| 20-24 years | 1,404 | 5,072 | 10,300 | 3,368 | 658 : | 1,042 |
| 25-29 years | 1,268 | 4,120 | 8,420 | | 644 | 829 |
| 30-34 years | 1,030 | 3,368 | 6,580 | 2,576 | 525 ° | 686 |
| 35-39 years | 842 | 2,632 | 6,440 | | 453 | 617 |
| 40-44 years | 658 | 2,576 | 5,250 | 1,812 | 321 | 541 |
| 45-49 years | | 2,100 | 4,530 | 1,284 | 217 | 441 |
| 50-54 years | 525 | 1,812 | 3,210 | | 178 | 324 |
| 55-59 years | 453 | 1,284 | 2,170 | 712 | 165 | 222 |
| 60-64 years | 321 | 868 | 1.780 | 660 | . 107 | 180 |

Table C. Reverse Survival of Smoothed Mid-Year 1957 Female Population in Selected Age Groups (Figures in thousands)

| Age | Mid-year 1957 | Survival ratios o e = 40 | Mid-year 1952 | Survival ratios e = 35 | Mid-year 1947 |
|-------------|------------------|-----------------------------------|------------------|-------------------------|------------------|
| 15-19 years | 1,237 | .9587 | 1,087 | .9495 | 919 |
| 20-24 years | 1,042 | .9500 | 873 | .9387 | 772 |
| 25-29 years | 829 | 9456 | 725 | .9322 | 703 |
| 30-34 years | 686 | .9419 | 655 | .9265 | 623 |
| 35-39 years | 617 | .9372 | 577 | .9204 | 516 |
| 40-44 years | 541 | .9290 | 475 | .9110 | 389 |
| 45-49 years | 441 | .9140 | 354 | : | : |
| 50-54 years | 324 | 11 | | | |
| | ; • | | | | |

TABLE D

Derivation of Estimates of Age Groups 0-4 and 5-9 Years for Mid-Year 1957

(Figures in thousands)

| | | , 1 | 957 | - · | 052 | 19 |)47 | |
|----------------------|----------------------------------------------|------------------------------------------|--------------------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------|---------|
| Age · | Weights . | Actual females | Weighted : females | | Weighted females | Actual females | Weighted females | |
| P _b .7789 | = 2,618 fema 4 in 1957 (m x 2,748 = 2, | lle births 195 o nortality: e o | 52-57 - | 129.44 x 1 Survivors 0 P .77 | 1,087 6,111 5,075 3,930 2,308 475 18,986 18,210 = 2,42 18,210 = 2,35 4 in 1952 (n. 89 x 2,475 = | 919 772 703 623 516 389 18.210 75 male birtl 77 female birtl 0 nortality: e 0 1,928 males | ths 1947-52 = 40) | f = 160 |
| | | | | Survivors 5- P x-y .909 | 98 x 1,928 = 05 x 1,878 = | cohort born 1,754 | 1947-52 | |

Table E
Smoothed and Adjusted Estimates of Mid-Year 1957 Population of the Philippines by Sex and Age.

| 1 | | M | ales | Fe | males |
|----------------|-------|----------|------------------------------|----------|---------------------------|
| ; • !- • | | Smoothed | Adjusted to Control Total | Smoothed | Adjusted to Control Total |
| Age | Total | 11,650 | 11,687 | 11,735 | 11,635 |
| 0-4 years | | 2,140 | 2,147 | 2,086 | 2,068 |
| 5-9 years | | 1,754 | 1,760 | 1,710 | 1,695 |
| 10-14 years | | 1,510 | 1,515 | 1,455 | 1,443 |
| 15-19 years | | 1,198 | 1,202 | 1,237 | 1,226 |
| 20-24 years | | 970 | 973 | 1,042 | 1,033 |
| 25-29 years | | 755 | 757 | 829 | 822 |
| 30-34 years | | 630 | 632 | 686 | 680 |
| 35-39 years | | 584 | 586 | 617 | 612 |
| 40-44 years | | 530 | 532 | 541 | 536 |
| 45-49 years | | 444 | 445 | 441 | . 437 |
| 50-54 years | | 340 | 341 | 324 | 321 |
| 35-59 years | | 244 | 245 | 222 | 220 |
| 60-64 years | | 187 | 188 | 180 | 179 |
| 65-69 years | | 175 | 175 | 165 | 164 |
| 70-74 years | | 106 | 106 | 107 | 106 |
| 75-79 years | | 54 | : 54 | 59 | 59 |
| 80-84 years | | 22 | 22 | 25 | 25 |
| 85 years and | | 7 | . 7 | 9 | 9 |
| over | | : | | | |

Table F

Comparison of Sex-Age Distribution of United Nations Population Projection for the Philippines and Smoothed and Adjusted (PSSH data: Mid-Year 1957).

| | Smoothed | l and adjusted | PSSH | United | Nations Projec | tion | |
|----------------------------------------|------------|------------------|--------------|---------------|----------------|-------------|--|
| Age | Percentage | Distribution | Males per | Percentage | Distribution | Males per | |
| | Males | Females | 100 females | Males . | Females | 100 females | |
| Total | 100 | 100 | 100.4 | 100 | 100 | 101.4 | |
| ······································ | • | : : | · ·········· | : | | : | |
| 0-4 years | 18.4 | 17.8 | 103.8 | 18.5 | 18.3 | 102.7 | |
| 5-9 years | 15.1 | 14.6 | 103.8 | 15.3 | 14.6 | 106.3 | |
| i0-14 years | 13.0 | 12.4 | 105.0 | 12,8 | 12.1 | 107.6 | |
| 5-19 years | 10.3 | 10.5 | 98.0 | 10.4 | 10.4 | 101.3 | |
| 0-24 years | 8.3 | 8.9 | 94.2 | 8.5 | 9.0 | 96.1 | |
| 5-29 years | 6.5 | 7.1 | 92.1 | 6.8 | 7.3 | 94.6 | |
| 0-34 years | 5.4 | 5.8 | 92.9 | 5.6 | 5.9 | 95.7 | |
| 5-39 years | 5.0 | 5.3 | 95.8 | 4.9 | 5.0 | 98.1 | |
| 0-44 years | 4.6 | 4.6 | 99.3 | 4.3 | 4.4 | 99.8 | |
| 5-49 years | 3.8 | [:] 3.8 | 101.8 | 3.6 · | 3.6 | 100.4 | |
| 0-54 years | 2.9 | 2.8 | 106.2 | 2.8 | 2.7 | 104.0 | |
| 5-59 years | 2.1 | 1.9 | 111.4 | 2.1 | 2.0 | 108.7 | |
| 0-64 years | 1.6 | 1.5 | 105.0 | 1.6 | 1.6 | 103.1 | |
| 65 years and over | 3.1 | 3.1 | 100.3 | 2.7 | 3.0 | 90.3 | |

SUMMARY POPULATION ESTIMATES FOR THE PHILIPPINES, BY AGE AND SEX: JULY 1, 1948-1962

p144

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(Thousands) BOTH SEXES 19486 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 Age Total BOTH SEXES 19.137 19,520 19,910 20,308 20,714 21,211 21,720 22,241 22,775 23,322 24,010 24,718 25,448 26,198 26,971 3,523 3,604 3,688 3,771 3.857 4.023 1,205 4,297 4,431 (1- 4 3,942 4,116 4,569 4.711 4,857 5,008 5- 9 2,719 2.792 2,861 2,939 3,016 3.104 3,194 3,287 3,382 2,479 3,577 3,678 3,783 3,889 3,993 10-11 2,309 2,351 2.414 2,468 2,522 2,595 2,669 2,745 2.823 2,904 2,999 3,095 3.196 3,299 3.405 15-19 1,920 1,975 2,033 2,092 2,152 2,205 2,429 2,506 2,586 2,841 2.258 2,314 2.370 2,669 2,754 20-24 1,577 1,621 1.663 1,752 2,352 1,707 1,807 1,865 1.924 1,985 2,047 - 2,105 2.163 2,224 2,288 25-25 1,337 1,375 1,398 1,411 1,428 1.773 1,471 1,514 1,559 1,605 1,652 1,711 1.835 1,901 1,969 30-34 1,200 1,210 1,218 1,228 1,237 1,258 1,278 1.298 1,320 1,341 1,386 1,434 1.483 1,532 1,583 1,062 1.077 1.093 1,282 35-39 1.032 1.046 1,105 1,118 1,130 1.143 1.155 1,180 1.205 1.231 1,25G 40-41 852 875 898 922 940 958 976 991 1.013 1.029 1.046 1.064 1,030 1.098 830 952 795 818 844 864 45-49 700 721 768 886 907 930 642 660 680 744 50-51 525 539 563 582 603 625 647 672 697 723 751 779 530 534 544 582 493 535 55X 55-59 470 462 445 452 459 466 472 514 454 446 4:10 387 383 379 376 372 368 365 374 382 390 399 408 60-64 398 394 390 295 296 296 295 297 298 298 298 297 297 297 296

65-69

292

294

SUMMARY
POPULATION ESTIMATES FOR THE PHILIPPINES, BY AGE AND SEX: JULY 1, 1948-1962, (Continuation) (Thousands)

| Age | 19486 | 1949 | 1950 | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | 1961 | 1962 | |
|----------------|-------|------------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|---|
| 70-74 | 167 | 188 | 190 | 190 | 192 | 195 | 198 | 201 | 204 | 207 | 209 | 211 | 213 | 214 | 216 | |
| 75-79 | 110 | 108 | 106 | 104 | 101 | 103 | 106 | 108 | 110 | 1!2 | 115 | 118 | 121 | 125 | 129 | |
| 50 & over | 46 | 48 | 51 | 5.4 | 56 | 57 | 58 | 59 | 60 | Gl | 63 | 65 | 67 | 70 | 72 | |
| MALES | | | | | | | | | | | | | | | | |
| Total Males | 9,600 | 9,800 | 10,004 | 10.212 | 10,425 | 10,676 | 10,933 | !1,197 | 11.467 | 11,743 | 12,090 | 12,448 | 12,316 | 13,194 | 13,585 | |
| 0- 4 | 1,823 | 1,863 | 1,905 | 03 0.1 | 1,988 | 2,025 | 2,062 | 2.100 | 2,138 | 2,177 | 2,245 | 2,315 | 2,386 | 2,160 | 2,537 | 7 |
| 5- 9 | 1,373 | 1,419 | 1,465 | 1.518 | 1.562 | 1,606 | 1,651 | 1,697 | 1,745 | 1,793 | 1,837 | 1,882 | 1,929 | 1,976 | 2,024 | _ |
| 10-14 | 1,135 | 1,167 | 1,800 | 1.233 | 1,267 | 1,312 | 1,358 | . 1.405 | 1,454 | 1,505 | 1.553 | 1,601 | 1,652 | 1,703 | 1,756 | |
| 15-19 | 932 | 961 | 991 | 1.022 | 1,054 | 1,086 | 1,118 | 1,152 | 1,186 | 1,222 | 1,269 | 1,317 | 1,368 | 1420 | 1,474 | |
| 20-24 | 767 | 788 | 808 | 829 | 850 | 879 | 909 | 940 | 972 | 1,004 | 1,038 | 1,072 | 1,10% | 1,146 | 1,184 | |
| 25-29 | 668 | 675 | 683 | 690 | 697 | 717 | 738 | 759 | 781 | 803 | 823 | 865 | 897 | 931 | 966 | |
| 30-34 | 598 | 602 | ดดจ | 609 | 612 | 621 | 629 | 628 | 647 | 656 | 677 | 700 | 723 | 746 | 771 | |
| 35-39 | 520 | 526 | 533 | 540 | 347 | 552 | 557 | 562 | 547 | 572 | 583 | 594 | 605 | 616 | 627 | |
| 40-44 | 428 | 437 | 446 | 455 | 465 | 473 | 481 | 489 | 497 | 506 | 513 | 520 | 528 | 535 | 543 | |
| 45-49 | 310 | 317 | 335 | 363 | 371 | 381 | 391 | 402 | 412 | 423 | 432 | 442 | 452 | 463 | 473 | |
| 50-54 | 276 | 279 | 281 | 284 | 287 | 295 | 303 | 312 | 321 | 330 | 341 | 352 | 363 | 375 | 387 | |
| 55-69 | 238 | 235 | 232 | 229 | 227 | 230 | 234 | 238 | 242 | 246 | 255 | 264 | 273 | 283 | 293 | |

POPULATION ESTIMATES FOR THE PHILIPPINES, BY AGE AND SEX: JULY 1, 1948-1952, (Thousands) (Continuation)

| | | (Thousands) | | | | | | | | | | | (Continuation) | | | |
|----------------------------------|-----------|-------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|--------|--------|--|
| Age | 1948b | 1949 | 1950 | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | 1961 | 1962 | |
| 60-61 | 197 | 195 | 193 | 191 | 189 | 188 | 188 | 187 | 186 | 185 | 190 | 195 | 199 | 204 | 209 | |
| 65-69 | 143 | 114 | 144 | 145 | 145 | 145 | 145 | 143 | 144 | 144 | 144 | 145 | 146 | 146 | 147 | |
| 70-71 | 90 | 90 | 91 | 91 | 92 | 92 | 94 | 96 | 97 | 98 | 99 | 100 | 101 | 101 | 102 | |
| 75-79 | 51 | 50 | 49 | 48 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | តុភ | 56 | 58 | 60 | |
| 80 & over F E M A J. Total | 21 E S | 22 | 23 | 24 | 25 | 25 | 26 | 26 | 27 | 27 | 28 | 29 | 30 | 31 | 32 | |
| Females | 9,537 | 9,720 | 9,906 | 10,096 | 10,289 | 10,535 | 10,787 | 11.044 | 11,308 | 11,579 | 11,920 | 12,270 | 12,632 | 13,004 | 13,386 | |
| (11 | 1,700 | 1,741 | 1,783 | 1,825 | 1,369 | 1,917 | 1,966 | 2.016 | 2.067 | 2,120 | 2.186 | 2,254 | 2,325 | 2,397 | 2,471 | |
| 5- 9 | 1,346 | 1,373 | 1,399 | 1.426 | 1,451 | 1,498 | 1,543 | 1.590 | 1.637 | 1.686 | 1,740 | 1,796 | 1,854 | 1,913 | 1,974 | |
| 10-14 | 1,174 | 1,194 | 1,214 | 1,235 | 1,255 | 1,283 | 1,311 | 1,340 | 1.369 | 1,399 | 1,446 | 1,494 | 1,544 | 1,596 | 1,649 | |
| 15-19 | 988 | 1,014 | 1,042 | 1,070 | 1,098 | 1,119 | 1,140 | 1.162 | 1.184 | 1,207 | 1,237 | 1,269 | 1,301 | 1,334 | 1,367 | |
| 20-24 | 810 | 833 | 855 | 878 | 902 | 928 | 956 | 984 | 1,013 | 1,048 | 1.067 | 1.091 | 1,116 | 1,142 | 1,168 | |
| 25-29 | 689 | 700 | 710 | 721 | 731 | 754 | 776 | 800 | 824 | 849 | 878 | 908 | 938 | 970 | 1,003 | |
| 30-31 | 602 | 300 | 613 | 619 | 625 | 637 | 649 | 660 | 673 | 685 | 709 | 784 | 760 | 786 | 814 | |
| 35-39 | 512 | 520 | 529 | 537 | 546 | 553 | 561 | 568 | 576 | 583 | 597 | 611 | 626 | 640 | 655 | |
| 10-1! | 402 | 415 | 429 | 443 | 457 | 467 | 477 | 487 | 497 | 507 | 516 | 526 | 536 | 545 | 555 | |

POPULATION ESTIMATES FOR THE PHILIPPINES, BY AGE AND SEX: JULY 1, 1948-1952
(Thousands)

| Age | 19486 | 1949 | 1950 | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | 1961 | 1962 | |
|----------|---------|-------|------|------|------|-------|------|------|------|------|------|-------|------|------|------|----|
| FEMALES | S (Cont | 'd.) | | | | | | | | | | | | • | • | |
| 45-49 | 302 | 313 | 325 | 337 | 350 | 363 | 377 | 391 | 106 | 421 | 432 | 1-1-1 | -155 | 467 | 479 | |
| 50-54 | 249 | 251 | 253 | 255 | 257 | 268 | 279 | 291 | 304 | 317 | 331 | 345 | 360 | 376 | 392 | |
| 55-59 | 232 | 227 | 222 | 217 | 213 | 215 | 218 | 221 | 224 | 226 | 238 | 250 | 262 | 275 | 289 | 99 |
| 50-6-1 | 201. | -199. | 197- | 196 | 194 | - 191 | 188 | 185 | 182 | 180 | 184 | 187 | 191 | 195 | 199 | |
| 55-69 | 149 | 150 | 151 | 152 | 153 | 153 | 153 | 153 | 153 | 153 | 152 | 151 | 150 | 1.49 | 148 | |
| 70-74 | 97 | 98 | 99 | 99 | 100 | 102 | 104 | 105 | 107 | 109 | 110 | 111 | 112 | 113 | 114 | |
| i5-79 | 59 | 58 | 57 | 56 | 54 | 55 | 57 | 58 | 59 | CO. | 62 | 63 | 65 | 67 | 69 | |
| 0 & over | 25 | 26 | 28 | 30 | 31 | 32 | 32 | 33 | 33 | 34 | 35 | 36 | 37 | 39 | 40 | |

s From Tables I, II, and III with figures rounded to nearest thousand persons.

b This is a smoothed-out distribution for July 1, 1948, adjusted for misstatements of age, errors in enumeration, etc.