A NEW APPROACH FOR THE ESTIMATION OF BIRTHS UNDER REGISTRATION EGYPT: 1920-1970

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1.Introduction

Egyptian legislation promoting the registration of births and deaths can be traced to as early as the nineteenth century. Around 1846,an order was issued by Mohammed Ali to organize the registration of these events.The first proper legislation in that direction was promulgated in 1891, followed by another two acts issued in 1898 and 1912, aiming at organizing the establishment of vital registration systems.

In these early years, the annual publication of registration returns was mainly for adminatrative reasons. However,since 1900, the total number of births can be compiled for the whole of Egypt as well as for governorates and chief cities. This figure has also been available since 1923 for localities with health bureaus, where medical officers are responsible for the preparation of weekly reports concerning the registration of vital events.

Besides administrative purposes, and valid registration of births is essential in studying the levels of fertility in different societies. For such detailed studies, it is necessary to have

complete information about births and their distribution according to demographic characteristics and socio-economic factors. With regard to Egypt , the total number of births has only been registered according to see since 1977. The age of mother at birth began to be taken into consideration from 1930,while birth order was recognized in 1940.

Although the previous data reveal a long historical experience, the reliability and the completeness of these birth statistics is questionable. Accordingly, the objective of this paper is to examine the published series of birth statistics for the period 1920-1970 in order to estimate the size of under registration and the pattern of mis-reporting other related factors such as age of mother at birth.

2. Previous Evaluation of Birth Statistics

In almost all developing countries birth statistics are known to suffer from a number of deficiencies that can be grouped into the following categories:

1) Problems of definition.
2) Completeness of registration(with regard to coverage and the failure to register).

3) Proper registration according to place and time of birth.

4) Accurate classification according to demographic and socio-economic characteristics.

As member of this group of developing countries,Egypt is no exception. In addition, a preliminary examination of its statistics has shown another type of problem related to the method adopted for compiling birth statistics. According to the Egyptian Statistical Authority, the method of compilation used up to 1961 was to apply the percentage distribution of births according to age of mother, in health bureau localities, to the reported total number of births for the whole country. Since 1966, a different approach has been adopted: complete registration coverage as the basis of the reported birth distribution according to age of mother at birth(C.A.P.M.S., 1973). The effect of this change can hardly be evaluated,since no overlapping was carried out. Generally,it can be supposed that the reported total number of births was not affected, however its classification according to demographic and socio-economic factors would be affected.

A careful estimate of the completeness of this long series of birth statistics could have been carried out by conducting national

tests on the basis of match studies. Such a major study was carried out recently, in 1974/1975, but on a sample basis. Its results, although not yet available, will present the first direct measure to evaluate the size of the incompleteness of the Egyptian vital registration system. It will also allow an opportunity to evaluate the size of under-registration reflecte by different indirect methods aiming at examining the registration of births.

The results of different studies have confirmed the incomplet ness of birth statistics; they only differ in the estimation of its magnitude and the method used for that purpose. Farrag(1957) compared the returns of the vital registration system to relevant figures extracted from rectified (natural increase)or reported censuses and he estimated an under-registration ratio,for the period 1917-1937, of about 2% and 15% for male and female births respectively. El-Bardy (1965) concluded that the annual ratio of under-registration of births was about 5% during the period 1934-1959. His estimates were based on assuming that the crude birth rates of rural areas without health bureaus are equal to those areas with health bureaus. A lower estimate for the under-reportin

births during the period 1959-1961- was given by the
ıyptian Statistical Authority (C.A.P.M.S.), 1967. By assuming
ıat for each governorate, the ratio of infant deaths during
ıe first 13 days of life to the total number of infant deaths
ı simlar in rural and urban areas, the average annual ratio
under-registration was estimated to be only 0.6%. For almost
ıe same years, the size of under-registration was estimated in
ıother study to be about 5% annually. Zachariah (1970),based
ıis estimate on a comparison between the observed age distribu-
ıon and different model stable age distributions with different
ıvels of fertility. The latest study was carried out by Holling-
ırth (1972). According to his sex-ratio model, the percentage
under-registration of births was around 10.7% in 1960.

From this presentation, about the findings of different
ıdirect methods, it can be noticed that:

1) Under-registration at births is a common characteristic of birth statistics. Its magnitude in recent years has been between 5 and 11%.

2) Most of the previous estimates were based on a comparison with the observed age structure or by assuming a similarity between urban and rural areas, and the level of fertility was not taken into consideration.

3) The corrected number of births is estimated for the country as a whole. Its distribution according to age of mother at birth is another problem that should be dealt with.

These last two observations are very important and should be taken into consideration. For this purpose, a new approach based on the component method is suggested to estimate the corrected total number of births and its distribution according to morther's age.

3. Estimation of corrected Births by the Component Method

For a specified period of time (one calendar year for example), the actual birth performance for any society is a function of both the female population at risk, with specified age reference, and the relevant level of fertility for that age. This level can be represented by the specific fertility rate of that age group.

In short, the estimated number of births for a specified age can be obtained as follows:

$$B(t,x) = f(t,x).P(t,x) \qquad (1)$$

$$14 \leq x \leq 49$$

nd the corrected total number of births for year t is

$$B(t) = \sum_{x=14}^{49} B(t,x) \qquad (2)$$

here :

(t,x) is the age-specific fertility rate for age x in year t.

(t,x) is the female population at risk of year t at age x.

(t,x) is the estimated number of births born to mothers of age x in year t.

Accordingly, the actual number of births can be obtained y providing corrected data for these two components, which ill be presented in the following pages.

3.1) The Female Population at Risk

In order to apply the previous approach in terms of single ears of mother's age at birth for successive years between 1920-1970, it is required to have the relevant female distribution at isk.

Our starting point is the returns of the previous censuses taken between 1907 and 1960, and the population estimates prepared

by C.A.P.M.S. for 1970. An investigation of these censuses confirms the inaccuracy of the reported age distribution and the continuation of age mis-statement through all the above mentioned censuses. The preliminary step, however, is to consider the total counts of these censuses, The result of this process can be summarized as follows[1]:

1) Censuses carried out in 1907 and 1927 were taken as correct.

2) The total count of the 1947 census was examined. A model fitting was made for the pattern of population increase in Egypt during the period 1937-1966. The hyperbolic function was shown to give the best fit; its results showed a limited ratio of under-reporting of about 0.2%, but when the sex ratio pattern was taken into account this ratio was raised to about 0.8%.

3) The total counts of 1937, 1960 and the estimates of 1970 were corrected on the basis of the sex-ratio of 1947, which is about 99.66%. This correction yields a very limited difference from the reported totals.

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(1) For details see : Sayed (1976), chapter two.

The next step is to construct a smooth age-sex structure following the normal pattern. To this end, the proportional cumulative age distribution (ogive), for each sex , was examined for each count between 1937 and 1970 alone, in order to evaluate their consitency. For censuses between 1907 and 1927, the percentage age-distribution of the 1937 census was used to estimate the age-structure. This can be justified on the basis of the obvious stability of the growth rate during the period 1907-1937. Minor rectification was carried out to insure the adherence of this age-sex structure to the normal pattern of sex-ratio.

The intercensal male and female mid-year populations, in terms of five-year age groups up to age 70+ were estimated by applying a geometric model to the corrected age-sex structure. These yearly age-group populations were interpolated by using Beers' six term modified formula in order to construct the yearly populations by single years of ages between 14 and 49. The final results of the female populations (14-49) are given in Table (1) for single years between 1907-1970.

Table(2) presents the re-contructed female populations by five-year age groups from (10-49). Together with the single years of age population estimates, they represent the first

component related to the female population at risk.

(3.2) Fertility Levels by Single Years of Age

Besides the incompletness of birth statistics and the change in the method of compiling these data, two other problems should be taken into consideration when examining the fertility performance (level) at different ages of mother at birth. These problems are the mis-reporting of mother's age at birth and the inavailabil of birth statistics by single years of age.

To cope with these deficiencies, the Egyptian fertility experience can be simulated through the application of suitable models aiming mainly at correcting these problems according to cetain assumptions and using various studies(Sayed,1976) showed that the Gompertz model was found suitable in that respect. This model is based on three parameters with demographic meanings; namely,K,the ultimate total or completed fertility rate; G, the proportion of completed fertility achieved at the origin and B, which is a parameter determining the shape of the curve.

The original form of this model is

$$Y(x) = K \; G^{B^x} \qquad (3)$$

where

Y(x) is the expected cumulative fertility (mean family size) at age of mother (x)

K,G and B are the parameters previously mentioned, which can be estimated by using the value of the cumulative fertility experience at three equi-distant points.

The application of this Gompertz model under cetain assumptions produced a smoothed series of ASFR that may have reduced the effect of mother's age mis-reporting. The effect of other problems such as changing the method used in compiling the data since 1966, and the under-registration of births (reducing fertility level) is, so far, still shown by the results of this process, especially if we compare the fertility pattern (represented by B) for the period 1930-1965 and the years after 1966[1].

Accordingly, an iteration-translation process was devised to take these problems into consideration and finally to construct adjusted age-specific fertility rates. This process was based on certain assumptions such as:

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(1) For details see Sayed (1976), Chapter five.

1) The method used compiling vital data after 1966 is more acceptable in representing the real shape of the Egyptian fertility.
2) The effect of mother's age mis-reporting is less obvious in the first year of the reproduction span.
3) The final level of fertility for a specified year can be successfully projected using the Gompertz model, which can be mostly dependent on the less deficient part of the fertility curve, i.e. ages at the first half of the child bearing span.
4) A multiple graduation process will be adopted by translating the smoothed period rates to a cohort-type series, then projected and re-translated again to period type data,and so on.
5) The iteration-translation process will be continued until divergence is noticed between the estimates of the index parameter "B" for successive iterations.

Through the application of this process, it was possible to construct a new series of ASFR,either by single years of mother's age at birth (table 3) or by five-year age groups (Table 4) for the years between 1920 and 1970. This series is free from the

effect of various data problems and hence can be used to estimate the corrected distribution of births according to mother's age.

(3.3) Adjusted Distribution of Births

Estimates of births by single years of mother's age at birth were obtained by applying equation (1), i.e. multiplying together the new level of fertility at each age (Table 3) and the relevant group of women at risk presented in Table (1). The results are given in Table (5),and cover the period 1920-1970. Accumulating these birth estimates over the entire reproduction span gives the corrected annual total number of births.

The same process was carried out for the ASFR and the relevant distribution of women at risk by five-year age groups. In this case, estimated births by age groups were controlled by the previously estimated total births. Absolute differences were pro-rated according to the corrected distribution. The final results are given in Table (6) .

The Size of Under-Registration and its Pattern

A comparison between reported and adjusted total number of births, for the period 1920-1970, is given in Table (7).It shows

that under-registration of births fluctuated between 1% and 34% of the reported births during these years. The size of under-registration was very high between 1920-1928, where its value in most of these years, was around 25%. Starting from 1930, the ratio of the under-registration, although fluctuating , shows a tendency to decline. Its minimum level of about 1% was seen in 1961.

Generally, it was noticed that a higher degree of birth incompleteness could be the results of certain abnormal conditions, which may produce a relaxation in the efficiency of the registration system.

Some examples are :

1) An increasing ratio of under-registration during the Second World War period. Its value was around 9.6% in 1939 and increased to about 18.1% in 1942, then gradually decreased. By 1945, the ratio of under-registration was only about 5.1%.

2) High ratios of under-registration were observed during the periods between 1948 to 1949 and 1953 to 1956. These periods were characterized by military tension and socio-political changes. The size of under-registration was between 7 and 16%.

A substantial increase in the ratio of under-registration coincides with the two wars of 1956 (21% in 1957) and 1967 (8.9%) in 1967). During both wars the population of the Suez Canal Zone emigrated and the efficiency of the vital registration is in question. For example, the reported number of births in the Suez Governorate was only 11 in 1957 compared with about 4300 births in 1956.

If the effect of these exceptional conditions is taken into account, we can conclude that the efficiency of the registration system is gradually improving. At the same time, the new ratios of incompleteness are substantially different from those cited earlier. Generally,our findings show a fluctuating ratio of under-registration which is well above the 5% estimated for past years.

To examine the type of errors in the reporting of mother's age, a comparison between the percentage distribution, of reported and adjusted births was carried out. It shows that the adjusted ratio of births attributed to mothers in age groups between 15-39 years was less than the reported percentage. The real difference between the two percentage series is, however, the substantial increase in the share of births attributed to mothers aged between

40 and 49. For 1930, for example, the ratio of adjusted births attributed to these age groups as around 10.6% compared with only 5.1% according to the reported data. This pattern of preferential reporting of age of mother at birth was observed upto 1965. It meant a general tendency to report lower ages of the mother, which is a common characteristic of developing countries. When the new system of compiling birth data was adopt it was noticed that this type of error was removed; however, there was a continuous tendency to report mother's age at birth in ages during the first half of the childbearing span. The percentage of births attributed to mothers aged 15-24 was about 23.2% according to the reported data of 1970 and dropped to about 19.3% for the adjusted data of the same year.

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TABLE (1)

Female Population by Single Mid-Year
(In Thousands)

BEERS MODIFIED FORMULA

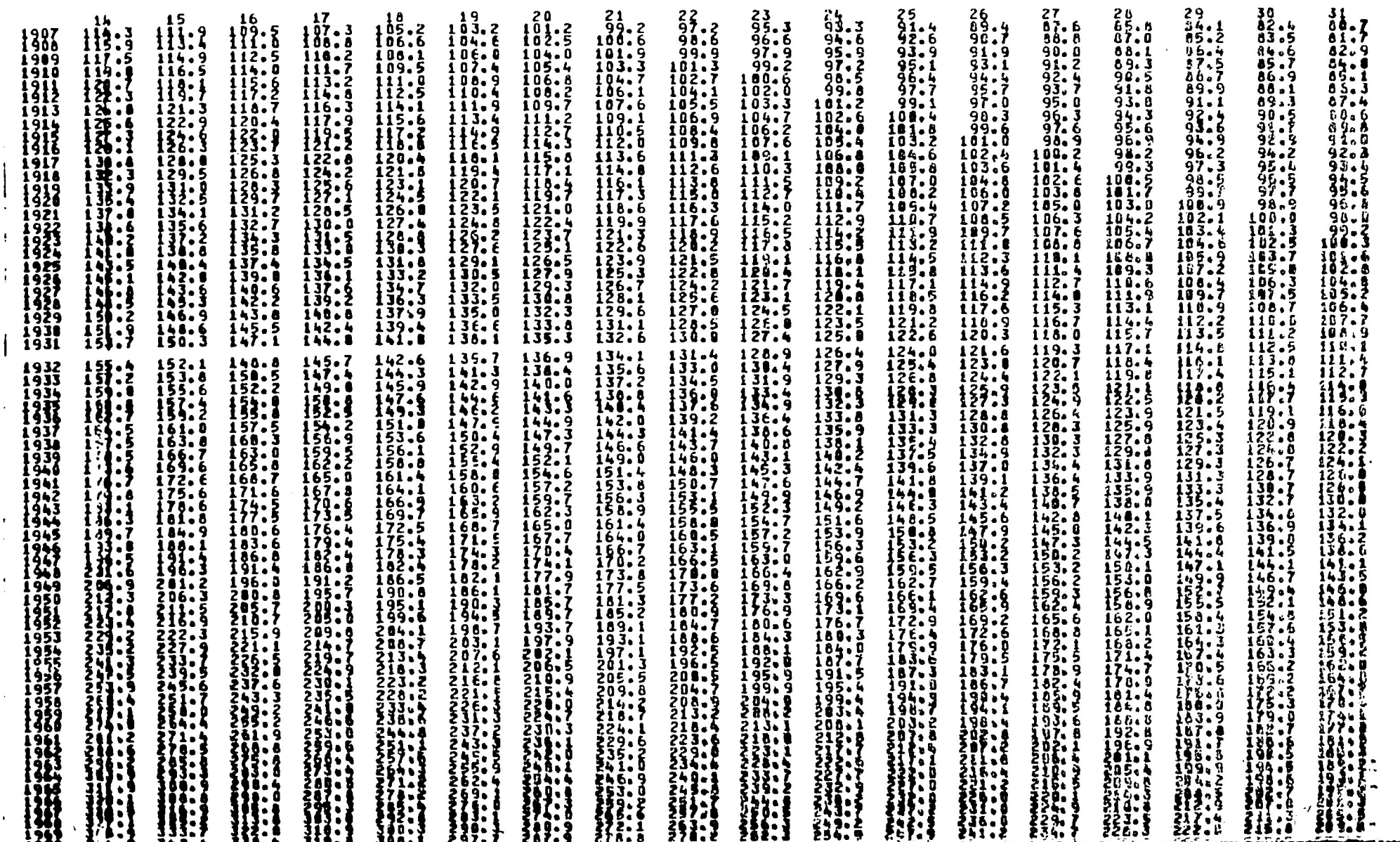

TABLE (1) Continued

Female Population by Single Mid-Year
(In Thousands)

BEERS MODIFIED FORMULA

YEAR	AGE																			
	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
	78.9	77.3	75.4	73.6	71.8	69.9	68.2	66.4	64.6	62.8	61.0	59.2	57.4	55.5	53.7	51.9	50.0	48.2
	80.4	78.8	77.0	75.2	73.3	71.5	69.8	68.0	66.2	64.5	62.7	60.8	59.0	57.1	55.2	53.3	51.4	49.6
	81.9	80.3	78.5	76.6	74.7	72.8	71.0	69.1	67.3	65.4	63.5	61.7	59.8	57.8	55.9	54.0	52.1	50.2
	83.4	81.8	80.0	78.1	76.2	74.3	72.4	70.6	68.7	66.8	64.9	63.0	61.0	59.1	57.2	55.3	53.3	51.4
	84.9	83.3	81.5	79.6	77.7	75.8	73.9	72.0	70.1	68.2	66.3	64.4	62.4	60.5	58.6	56.6	54.7	52.8
	86.4	84.8	83.0	81.1	79.2	77.3	75.4	73.5	71.6	69.7	67.8	65.8	63.9	62.0	60.1	58.1	56.2	54.3
	87.9	86.3	84.5	82.6	80.7	78.8	76.9	75.0	73.1	71.2	69.2	67.3	65.4	63.5	61.5	59.6	57.7	55.8
	89.4	87.8	86.0	84.1	82.2	80.3	78.4	76.5	74.6	72.7	70.7	68.8	66.9	64.9	63.0	61.1	59.2	57.3
	90.9	89.3	87.5	85.6	83.7	81.8	79.9	78.0	76.1	74.2	72.2	70.3	68.4	66.4	64.5	62.6	60.7	58.8
	92.4	90.8	89.0	87.1	85.2	83.3	81.4	79.5	77.6	75.7	73.7	71.8	69.9	67.9	66.0	64.1	62.2	60.3
	93.9	92.3	90.5	88.6	86.7	84.8	82.9	81.0	79.1	77.2	75.2	73.3	71.4	69.4	67.5	65.6	63.7	61.8
	95.4	93.8	92.0	90.1	88.2	86.3	84.4	82.5	80.6	78.7	76.7	74.8	72.9	70.9	69.0	67.1	65.2	63.3
	96.9	95.3	93.5	91.6	89.7	87.8	85.9	84.0	82.1	80.2	78.2	76.3	74.4	72.4	70.5	68.6	66.7	64.8
	98.4	96.8	95.0	93.1	91.2	89.3	87.4	85.5	83.6	81.7	79.7	77.8	75.9	73.9	72.0	70.1	68.2	66.3
	99.9	98.3	96.5	94.6	92.7	90.8	88.9	87.0	85.1	83.2	81.2	79.3	77.4	75.4	73.5	71.6	69.7	67.8
	101.4	99.8	98.0	96.1	94.2	92.3	90.4	88.5	86.6	84.7	82.7	80.8	78.9	76.9	75.0	73.1	71.2	69.3
	102.9	101.3	99.5	97.6	95.7	93.8	91.9	90.0	88.1	86.2	84.2	82.3	80.4	78.4	76.5	74.6	72.7	70.8
	104.4	102.8	101.0	99.1	97.2	95.3	93.4	91.5	89.6	87.7	85.7	83.8	81.9	79.9	78.0	76.1	74.2	72.3
	105.9	104.3	102.5	100.6	98.7	96.8	94.9	93.0	91.1	89.2	87.2	85.3	83.4	81.4	79.5	77.6	75.7	73.8
	107.4	105.8	104.0	102.1	100.2	98.3	96.4	94.5	92.6	90.7	88.7	86.8	84.9	82.9	81.0	79.1	77.2	75.3
	108.9	107.3	105.5	103.6	101.7	99.8	97.9	96.0	94.1	92.2	90.2	88.3	86.4	84.4	82.5	80.6	78.7	76.8
	110.4	108.8	107.0	105.1	103.2	101.3	99.4	97.5	95.6	93.7	91.7	89.8	87.9	85.9	84.0	82.1	80.2	78.3
	111.9	110.3	108.5	106.6	104.7	102.8	100.9	99.0	97.1	95.2	93.2	91.3	89.4	87.4	85.5	83.6	81.7	79.8
	113.4	111.8	110.0	108.1	106.2	104.3	102.4	100.5	98.6	96.7	94.7	92.8	90.9	88.9	87.0	85.1	83.2	81.3
	114.9	113.3	111.5	109.6	107.7	105.8	103.9	102.0	100.1	98.2	96.2	94.3	92.4	90.4	88.5	86.6	84.7	82.8
	116.4	114.8	113.0	111.1	109.2	107.3	105.4	103.5	101.6	99.7	97.7	95.8	93.9	91.9	90.0	88.1	86.2	84.3
	117.9	116.3	114.5	112.6	110.7	108.8	106.9	105.0	103.1	101.2	99.2	97.3	95.4	93.4	91.5	89.6	87.7	85.8
	119.4	117.8	116.0	114.1	112.2	110.3	108.4	106.5	104.6	102.7	100.7	98.8	96.9	94.9	93.0	91.1	89.2	87.3
	120.9	119.3	117.5	115.6	113.7	111.8	109.9	108.0	106.1	104.2	102.2	100.3	98.4	96.4	94.5	92.6	90.7	88.8
	122.4	120.8	119.0	117.1	115.2	113.3	111.4	109.5	107.6	105.7	103.7	101.8	99.9	97.9	96.0	94.1	92.2	90.3
	123.9	122.3	120.5	118.6	116.7	114.8	112.9	111.0	109.1	107.2	105.2	103.3	101.4	99.4	97.5	95.6	93.7	91.8
	125.4	123.8	122.0	120.1	118.2	116.3	114.4	112.5	110.6	108.7	106.7	104.8	102.9	100.9	99.0	97.1	95.2	93.3
	126.9	125.3	123.5	121.6	119.7	117.8	115.9	114.0	112.1	110.2	108.2	106.3	104.4	102.4	100.5	98.6	96.7	94.8
	128.4	126.8	125.0	123.1	121.2	119.3	117.4	115.5	113.6	111.7	109.7	107.8	105.9	103.9	102.0	100.1	98.2	96.3
	129.9	128.3	126.5	124.6	122.7	120.8	118.9	117.0	115.1	113.2	111.2	109.3	107.4	105.4	103.5	101.6	99.7	97.8
	131.4	129.8	128.0	126.1	124.2	122.3	120.4	118.5	116.6	114.7	112.7	110.8	108.9	106.9	105.0	103.1	101.2	99.3
	132.9	131.3	129.5	127.6	125.7	123.8	121.9	120.0	118.1	116.2	114.2	112.3	110.4	108.4	106.5	104.6	102.7	100.8
	134.4	132.8	131.0	129.1	127.2	125.3	123.4	121.5	119.6	117.7	115.7	113.8	111.9	109.9	108.0	106.1	104.2	102.3
	135.9	134.3	132.5	130.6	128.7	126.8	124.9	123.0	121.1	119.2	117.2	115.3	113.4	111.4	109.5	107.6	105.7	103.8
	137.4	135.8	134.0	132.1	130.2	128.3	126.4	124.5	122.6	120.7	118.7	116.8	114.9	112.9	111.0	109.1	107.2	105.3
	138.9	137.3	135.5	133.6	131.7	129.8	127.9	126.0	124.1	122.2	120.2	118.3	116.4	114.4	112.5	110.6	108.7	106.8
	140.4	138.8	137.0	135.1	133.2	131.3	129.4	127.5	125.6	123.7	121.7	119.8	117.9	115.9	114.0	112.1	110.2	108.3
	141.9	140.3	138.5	136.6	134.7	132.8	130.9	129.0	127.1	125.2	123.2	121.3	119.4	117.4	115.5	113.6	111.7	109.8
	143.4	141.8	140.0	138.1	136.2	134.3	132.4	130.5	128.6	126.7	124.7	122.8	120.9	118.9	117.0	115.1	113.2	111.3
	144.9	143.3	141.5	139.6	137.7	135.8	133.9	132.0	130.1	128.2	126.2	124.3	122.4	120.4	118.5	116.6	114.7	112.8
	146.4	144.8	143.0	141.1	139.2	137.3	135.4	133.5	131.6	129.7	127.7	125.8	123.9	121.9	120.0	118.1	116.2	114.3
	147.9	146.3	144.5	142.6	140.7	138.8	136.9	135.0	133.1	131.2	129.2	127.3	125.4	123.4	121.5	119.6	117.7	115.8
	149.4	147.8	146.0	144.1	142.2	140.3	138.4	136.5	134.6	132.7	130.7	128.8	126.9	124.9	123.0	121.1	119.2	117.3
	150.9	149.3	147.5	145.6	143.7	141.8	139.9	138.0	136.1	134.2	132.2	130.3	128.4	126.4	124.5	122.6	120.7	118.8
	152.4	150.8	149.0	147.1	145.2	143.3	141.4	139.5	137.6	135.7	133.7	131.8	129.9	127.9	126.0	124.1	122.2	120.3
	153.9	152.3	150.5	148.6	146.7	144.8	142.9	141.0	139.1	137.2	135.2	133.3	131.4	129.4	127.5	125.6	123.7	121.8
	155.4	153.8	152.0	150.1	148.2	146.3	144.4	142.5	140.6	138.7	136.7	134.8	132.9	130.9	129.0	127.1	125.2	123.3
	156.9	155.3	153.5	151.6	149.7	147.8	145.9	144.0	142.1	140.2	138.2	136.3	134.4	132.4	130.5	128.6	126.7	124.8
	158.4	156.8	155.0	153.1	151.2	149.3	147.4	145.5	143.6	141.7	139.7	137.8	135.9	133.9	132.0	130.1	128.2	126.3
	159.9	158.3	156.5	154.6	152.7	150.8	148.9	147.0	145.1	143.2	141.2	139.3	137.4	135.4	133.5	131.6	129.7	127.8
	161.4	159.8	158.0	156.1	154.2	152.3	150.4	148.5	146.6	144.7	142.7	140.8	138.9	136.9	135.0	133.1	131.2	129.3
	162.9	161.3	159.5	157.6	155.7	153.8	151.9	150.0	148.1	146.2	144.2	142.3	140.4	138.4	136.5	134.6	132.7	130.8
	164.4	162.8	161.0	159.1	157.2	155.3	153.4	151.5	149.6	147.7	145.7	143.8	141.9	139.9	138.0	136.1	134.2	132.3
	165.9	164.3	162.5	160.6	158.7	156.8	154.9	153.0	151.1	149.2	147.2	145.3	143.4	141.4	139.5	137.6	135.7	133.8
	167.4	165.8	164.0	162.1	160.2	158.3	156.4	154.5	152.6	150.7	148.7	146.8	144.9	142.9	141.0	139.1	137.2	135.3
	168.9	167.3	165.5	163.6	161.7	159.8	157.9	156.0	154.1	152.2	150.2	148.3	146.4	144.4	142.5	140.6	138.7	136.8
	170.4	168.8	167.0	165.1	163.2	161.3	159.4	157.5	155.6	153.7	151.7	149.8	147.9	145.9	144.0	142.1	140.2	138.3
	171.9	170.3	168.5	166.6	164.7	162.8	160.9	159.0	157.1	155.2	153.2	151.3	149.4	147.4	145.5	143.6	141.7	139.8
	173.4	171.8	170.0	168.1	166.2	164.3	162.4	160.5	158.6	156.7	154.7	152.8	150.9	148.9	147.0	145.1	143.2	141.3
	174.9	173.3	171.5	169.6	167.7	165.8	163.9	162.0	160.1	158.2	156.2	154.3	152.4	150.4	148.5	146.6	144.7	142.8
	176.4	174.8	173.0	171.1	169.2	167.3	165.4	163.5	161.6	159.7	157.7	155.8	153.9	151.9	150.0	148.1	146.2	144.3
	177.9	176.3	174.5	172.6	170.7	168.8	166.9	165.0	163.1	161.2	159.2	157.3	155.4	153.4	151.5	149.6	147.7	145.8
	179.4	177.8	176.0	174.1	172.2	170.3	168.4	166.5	164.6	162.7	160.7	158.8	156.9	154.9	153.0	151.1	149.2	147.3
	180.9	179.3	177.5	175.6	173.7	171.8	169.9	168.0	166.1	164.2	162.2	160.3	158.4	156.4	154.5	152.6	150.7	148.8
	182.4	180.8	179.0	177.1	175.2	173.3	171.4	169.5	167.6	165.7	163.7	161.8	159.9	157.9	156.0	154.1	152.2	150.3
	183.9	182.3	180.5	178.6	176.7	174.8	172.9	171.0	169.1	167.2	165.2	163.3	161.4	159.4	157.5	155.6	153.7	151.8
	185.4	183.8	182.0	180.1	178.2	176.3	174.4	172.5	170.6	168.7	166.7	164.8	162.9	160.9	159.0	157.1	155.2	153.3
	186.9	185.3	183.5	181.6	179.7	177.8	175.9	174.0	172.1	170.2	168.2	166.3	164.4	162.4	160.5	158.6	156.7	154.8
	188.4	186.8	185.0	183.1	181.2	179.3	177.4	175.5	173.6	171.7	169.7	167.8	165.9	163.9	162.0	160.1	158.2	156.3
	189.9	188.3	186.5	184.6	182.7	180.8	178.9	177.0	175.1	173.2	171.2	169.3	167.4	165.4	163.5	161.6	159.7	157.8
	191.4	189.8	188.0	186.1	184.2	182.3	180.4	178.5	176.6	174.7	172.7	170.8	168.9	166.9	165.0	163.1	161.2	159.3
	192.9	191.3	189.5	187.6	185.7	183.8	181.9	180.0	178.1	176.2	174.2	172.3	170.4	168.4	166.5	164.6	162.7	160.8
	194.4	192.8	191.0	189.1	187.2	185.3	183.4	181.5	179.6	177.7	175.7	173.8	171.9	169.9	168.0	166.1	164.2	162.3
	195.9	194.3	192.5	190.6	188.7	186.8	184.9	183.0	181.1	179.2	177.2	175.3	173.4	171.4	169.5	167.6	165.7	163.8
	197.4	195.8	194.0	192.1	190.2	188.3	186.4	184.5	182.6	180.7	178.7	176.8	174.9	172.9	171.0	169.1	167.2	165.3
	198.9	197.3	195.5	193.6	191.7	189.8	187.9	186.0	184.1	182.2	180.2	178.3	176.4	174.4	172.5	170.6	168.7	166.8
	200.4	198.8	197.0	195.1	193.2	191.3	189.4	187.5	185.6	183.7	181.7	179.8	177.9	175.9	174.0	172.1	170.2	168.3
	201.9	200.3	198.5	196.6	194.7	192.8	190.9	189.0	187.1	185.2	183.2	181.3	179.4	177.4	175.5	173.6	171.7	169.8
	203.4	201.8	200.0	198.1	196.2	194.3	192.4	190.5	188.6	186.7	184.7	182.8	180.9	178.9	177.0	175.1	173.2	171.3
	204.9	203.3	201.5	199.6	197.7	195.8	193.9	192.0	190.1	188.2	186.2	184.3	182.4	180.4	178.5	176.6	174.7	172.8
	206.4	204.8	203.0	201.1	199.2	197.3	195.4	193.5	191.6	189.7	187.7	185.8	183.9	181.9	180.0	178.1	176.2	174.3
	207.9	206.3	204.5	202.6	200.7	198.8	196.9	195.0	193.1	191.2	189.2	187.3	185.4	183.4	181.5	179.6	177.7	175.8
	209.4	207.8	206.0	204.1	202.2	200.3	198.4	196.5	194.6	192.7	190.7	188.8	186.9	184.9	183.0	181.1	179.2	177.3
	210.9	209.3	207.5	205.6	203.7	201.8	199.9	198.0	196.1	194.2	192.2	190.3	188.4	186.4	184.5	182.6	180.7	178.8
	212.4	210.8	209.0	207.1	205.2	203.3	201.4	199.5	197.6	195.7	193.7	191.8	189.9	187.9	186.0	184.1	182.2	180.3
	213.9	212.3	210.5	208.6	206.7	204.8	202.9	201.0	199.1	197.2	195.2	193.3	191.4	189.4	187.5	185.6	183.7	181.8
	215.4	213.8	212.0	210.1	208.2	206.3	204.4	202.5	200.6	198.7	196.7	194.8	192.9	190.9	189.0	187.1	185.2	183.3
	216.9	215.3	213.5	211.6	209.7	207.8	205.9	204.0	202.1	200.2	198.2	196.3	194.4	192.4	190.5	188.6	186.7	184.8
	218.4	216.8	215.0	213.1	211.2	209.3	207.4	205.5	203.6	201.7	199.7	197.8	195.9	193.9	192.0	190.1	188.2	186.3
	219.9	218.3	216.5	214.6	212.7	210.8	208.9	207.0	205.1	203.2	201.2	199.3	197.4	195.4	193.5	191.6	189.7	187.8
	221.4	219.8	218.0	216.1	214.2	212.3	210.4	208.5	206.6	204.7	202.7	200.8	198.9	196.9	195.0	193.1	191.2	189.3
	222.9	221.3	219.5	217.6	215.7	213.8	211.9	210.0	208.1	206.2	204.2	202.3	200.4	198.4	196.5	194.6	192.7	190.8
	224.4	222.8	221.0	219.1	217.2	215.3	213.4	211.5	209.6	207.7	205.7	203.8	201.9	199.9	198.0	196.1	194.2	192.3
	225.9	224.3	222.5	220.6	218.7	216.8	214.9	213.0	211.1	209.2	207.2	205.3	203.4	201.4	199.5	197.6	195.7	193.8
	227.4	225.8	224.0	222.1	220.2	218.3	216.4	214.5	212.6	210.7	208.7	206.8	204.9	202.9	201.0	199.1	197.2	195.3
	228.9	227.3	225.5	223.6	221.7	219.8	217.9	216.0	214.1	212.2	210.2	208.3	206.4	204.4	202.5	200.6	198.7	196.8
	230.4	228.8	227.0	225.1	223.2	221.3	219.4	217.5	215.6	213.7	211.7	209.8	207.9	205.9	204.0	202.1	200.2	198.3
	231.9	230.3	228.5	226.6	224.7	222.8	220.9	219.0	217.1	215.2	213.2	211.3	209.4	207.4	205.5	203.6	201.7	199.8
	233.4	231.8	230.0	228.1	226.2	224.3	222.4	220.5	218.6	216.7	214.7	212.8	210.9	208.9	207.0	205.1	203.2	201.3
	234.9	233.3	231.5	229.6	227.7	225.8	223.9	222.0	220.1	218.2	216.2	214.3	212.4	210.4	208.5	206.6	204.7	202.8
	236.4	234.8	233.0	231.1	229.2	227.3	225.4	223.5	221.6	219.7	217.7	215.8	213.9	211.9	210.0	208.1	206.2	204.3
	237.9	236.3	234.5	232.6	230.7	228.8	226.9	225.0	223.1	221.2	219.2	217.3	215.4	213.4	211.5	209.6	207.7	205.8
	239.4	237.8	236.0	234.1	232.2	230.3	228.4	226.5	224.6	222.7	220.7	218.8	216.9	214.9	213.0	211.1	209.2	207.3
	240.9	239.3	237.5	235.6	233.7	231.8	229.9	228.0	226.1	224.2	222.2	220.3	218.4	216.4	214.5	212.6	210.7	208.8
	242.4	240.8	239.0	237.1	235.2	233.3	231.4	229.5	227.6	225.7	223.7	221.8	219.9	217.9	216.0	214.1	212.2	210.3
	243.9	242.3	240.5	238.6	236.7	234.8	232.9	231.0	229.1	227.2	225.2	223.3	221.4	219.4	217.5	215.6	213.7	211.8
	245.4	243.8	242.0	240.1	238.2	236.3	234.4	232.5	230.6	228.7	226.7	224.8	222.9	220.9	219.0	217.1	215.2	213.3
	246.9	245.3	243.5	241.6	239.7	237.8	235.9	234.0	232.1	230.2	228.2	226.3	224.4	222.4	220.5	218.6	216.7	214.8
	248.4	246.8	245.0	243.1	241.2	239.3	237.4	235.5	233.6	231.7	229.7	227.8	225.9	223.9	222.0	220.1	218.2	216.3
	249.9	248.3	246.5	244.6	242.7	240.8	238.9	237.0	235.1	233.2	231.2	229.3	227.4	225.4	223.5	221.6	219.7	217.8
	251.4	249.8	248.0	246.1	244.2	242.3	240.4	238.5	236.6	234.7	232.7	230.8	228.9	226.9	225.0	223.1	221.2	219.3
	252.9	251.3	249.5	247.6	245.7	243.8	241.9	240.0	238.1	236.2	234.2	232.3	230.4	228.4	226.5	224.6	222.7	220.8
	254.4	252.8	251.0	249.1	247.2	245.3	243.4	241.5	239.6	237.7	235.7	233.8	231.9	229.9	228.0	226.1	224.2	222.3
	255.9	254.3	252.5	250.6	248.7	246.8	244.9	243.0	241.1	239.2	237.2	235.3	233.4	231.4	229.5	227.6	225.7	223.8
	257.4	255.8	254.0	252.1	250.2	248.3	246.4	244.5	242.6	240.7	238.7	236.8	234.9	232.9	231.0	229.1	227.2	225.3
	258.9	257.3	255.5	253.6	251.7	249.8	247.9	246.0	244.1	242.2	240.2	238.3	236.4	234.4	232.5	230.6	228.7	226.8
	260.4	258.8	257.0	255.1	253.2	251.3	249.4	247.5	245.6	243.7	241.7	239.8	237.9	235.9	234.0	232.1	230.2	228.3
	261.9	260.3	258.5	256.6	254.7	252.8	250.9	249.0	247.1	245.2	243.2	241.3	239.4	237.4	235.5	233.6	231.7	229.8
	263.4	261.8	260.0	258.1	256.2	254.3	252.4	250.5	248.6	246.7	244.7	242.8	240.9	238.9	237.0	235.1	233.2	231.3
	264.9	263.3	261.5	259.6	257.7	255.8	253.9	252.0	250.1	248.2	246.2	244.3	242.4	240.4	238.5	236.6	234.7	232.8
	266.4	264.8	263.0	261.1	259.2	257.3	255.4	253.5	251.6	249.7	247.7	245.8	243.9	241.9	240.0	238.1	236.2	234.3
	267.9	266.3	264.5	262.6	260.7	258.8	256.9	255.0	253.1	251.2	249.2	247.3	245.4	243.4	241.5	239.6	237.7	235.8
	269.4	267.8	266.0	264.1	262.2	260.3	258.4	256.5	254.6	252.7	250.7	248.8	246.9	244.9	243.0	241.1	239.2	237.3
	270.9	269.3	267.5	265.6	263.7	261.8	259.9	258.0	256.1	254.2	252.2	250.3	248.4	246.4	244.5	242.6	240.7	238.8
	272.4	270.8	269.0	267.1	265.2	263.3	261.4	259.5	257.6	255.7	253.7	251.8	249.9	247.9	246.0	244.1	242.2	240.3
	273.9	272.3	270.5	268.6	266.7	264.8	262.9	261.0	259.1	257.2	255.2	253.3	251.4	249.4	247.5	245.6	243.7	241.8
	275.4	273.8	272.0	270.1	268.2	266.3	264.4	262.5	260.6	258.7	256.7	254.8	252.9	250.9	249.0	247.1	245.2	243.3
	276.9	275.3	273.5	271.6	269.7	267.8	265.9	264.0	262.1	260.2	258.2	256.3	254.4	252.4	250.5	248.6	246.7	244.8
	278.4	276.8	275.0	273.1	271.2	269.3	267.4	265.5	263.6	261.7	259.7	257.8	255.9	253.9	252.0	250.1	248.2	246.3
	279.9	278.3	276.5	274.6	272.7	270.8	268.9	267.0	265.1	263.2	261.2	259.3	257.4	255.4	253.5	251.6	249.7	247.8
	281.4	279.8	278.0	276.1	274.2	272.3	270.4	268.5	266.6	264.7	262.7	260.8	258.9	256.9	255.0	253.1	251.2	249.3
	282.9	281.3	279.5	277.6	275.7	273.8	271.9	270.0	268.1	266.2	264.2	262.3	260.4	258.4	256.5	254.6	252.7	250.8
	284.4	282.8	281.0	279.1	277.2	275.3	273.4	271.5	269.6	267.7	265.7	263.8	261.9	259.9	258.0	256.1	254.2	252.3
	285.9	284.3	282.5	280.6	278.7	276.8	274.9	273.0	271.1	269.2	267.2	265.3	263.4	261.4	259.5	257.6	255.7	253.8
	287.4	285.8	284.0	282.1	280.2	278.3	276.4	274.5	272.6	270.7	268.7	266.8	264.9	262.9	261.0	259.1	257.2	255.3
	288.9	287.3	285.5	283.6	281.7	279.8	277.9	276.0	274.1	272.2	270.2	268.3	266.4	264.4	262.5	260.6	258.7	256.8
	290.4	288.8	287.0	285.1	283.2	281.3	279.4	277.5	275.6	273.7	271.7	269.8	267.9	265.9	264.0	262.1	260.2	258.3
	291.9	290.3	288.5	286.6	284

TABLE (2)

Female Population by Five-Year

Age groups Summation of Table(1)(In Thousands)

YEAR	AGE							
	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
1907	598.8	537.0	486.2	438.3	394.5	349.8	305.1	259.4
1908	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1909	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1910	623.5	558.2	506.4	456.3	410.8	364.2	317.7	270.1
1911	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1912	640.6	574.5	520.2	468.8	422.0	374.2	326.3	277.4
1913	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1914	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1915	667.1	598.2	541.8	488.2	439.4	389.7	339.8	288.9
1916	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1917	685.3	614.6	556.6	501.5	451.3	400.3	349.1	296.8
1918	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1919	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1920	709.4	635.9	575.2	519.4	467.7	414.4	361.4	307.2
1921	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1922	729.9	656.6	588.1	531.7	479.0	424.1	369.7	314.4
1923	734.4	658.0	594.5	538.0	484.8	429.0	374.6	318.6
1924	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1925	751.4	673.1	607.8	550.7	496.5	439.1	382.7	325.4
1926	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1927	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1928	777.7	696.4	628.4	570.3	514.3	454.5	396.1	336.8
1929	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1930	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1931	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1932	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1933	823.3	737.3	665.3	603.7	544.5	481.1	419.2	356.5
1934	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1935	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1936	851.9	763.0	688.4	624.7	563.4	497.9	433.6	368.9
1937	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1938	878.5	784.9	707.5	641.6	578.0	511.5	445.7	379.1
1939	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1940	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1941	930.6	825.6	742.1	672.0	606.6	536.0	467.2	397.3
1942	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1943	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1944	985.9	868.4	778.3	703.8	635.7	561.7	489.6	416.5
1945	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1946	1124.4	896.0	803.4	725.7	655.7	579.4	505.1	429.7
1947	1044.3	913.3	816.2	736.9	666.0	588.5	513.0	436.4
1948	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1949	1101.0	957.1	851.0	766.2	689.3	608.4	529.7	451.0
1950	1130.4	979.8	868.9	781.2	701.2	618.5	538.1	458.5
1951	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1952	1191.6	1026.6	905.9	812.2	725.7	639.3	555.5	473.8
1953	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1954	1255.8	1075.6	944.1	844.2	750.9	658.3	573.3	489.5
1955	1289.2	1106.9	963.8	862.6	763.8	671.7	582.4	497.5
1956	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1957	1358.5	1153.2	1004.3	894.4	790.2	694.0	600.9	514.0
1958	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1959	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1960	1468.9	1236.1	1068.1	947.3	831.2	728.7	629.7	539.5
1961	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1962	1549.8	1301.3	1120.1	989.9	866.3	759.2	656.3	561.4
1963	1590.5	1335.1	1147.0	1013.4	884.4	774.9	670.1	572.6
1964	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1965	1677.0	1405.4	1202.8	1054.7	921.6	807.2	698.3	596.2
1966	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1967	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1968	1815.4	1517.8	1291.5	1124.7	980.3	858.2	743.1	632.9
1969	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1970	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TABLE (3)
Final Distribution of Period Fertility Rates Per 1000 Women
Egypt : 1920-1970

YEAR	AGE IN COMPLETED YEARS																	
	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1920	4.4	7.0	14.7	27.8	47.4	74.5	108.5	148.1	190.9	234.2	275.1	311.2	340.5	362.0	375.2	360.5	378.5	370.3
1921	5.3	7.9	16.2	29.8	50.1	77.5	111.8	151.6	194.6	238.2	279.7	316.6	347.2	370.1	365.0	392.0	391.7	385.0
1922	6.3	8.9	17.7	32.0	52.8	80.7	115.3	155.2	198.2	241.8	283.4	320.4	351.3	374.7	390.3	398.0	398.4	392.4
1923	7.3	10.0	19.5	34.5	56.1	84.6	119.5	159.4	201.9	244.7	285.1	320.9	350.4	372.6	387.0	393.6	393.6	387.1
1924	8.6	11.2	21.3	37.1	59.3	88.4	123.6	163.4	205.6	247.6	267.5	322.6	351.4	373.0	387.1	393.6	393.3	386.9
1925	9.8	12.3	23.2	39.8	63.3	92.8	128.5	166.3	210.1	251.4	289.8	323.1	350.1	369.8	381.9	386.8	385.1	377.6
1926	10.7	13.3	24.8	42.1	66.3	96.6	132.7	172.8	214.5	255.3	292.9	325.2	351.0	369.4	380.3	384.0	381.3	372.9
1927	11.3	14.0	26.0	43.9	68.6	99.9	136.7	177.2	218.9	259.4	296.3	327.6	352.1	369.2	378.7	381.1	377.1	367.7
1928	11.5	14.3	26.6	45.1	70.4	102.4	139.9	180.8	222.8	263.2	299.7	330.3	353.8	369.6	377.8	378.9	373.6	363.1
1929	11.1	14.2	26.6	45.4	71.2	103.8	142.0	183.6	226.0	266.6	302.8	332.9	355.5	370.3	377.3	377.1	370.6	358.9
1930	10.5	13.7	26.2	45.1	71.4	104.6	143.5	185.9	228.9	269.7	305.8	335.3	357.1	370.7	376.3	374.6	366.7	353.7
1931	9.6	13.1	25.3	44.1	70.3	103.7	143.0	185.8	229.2	270.4	306.6	336.1	357.6	370.7	375.7	373.4	364.7	351.0
1932	8.7	12.3	24.1	42.5	68.5	101.9	141.3	184.3	228.1	269.6	306.2	335.7	357.2	370.1	374.8	372.0	362.9	348.8
1933	7.9	11.5	22.9	40.9	66.4	99.5	138.7	181.6	225.7	267.4	304.2	333.9	355.4	368.4	373.0	370.2	361.0	346.6
1934	7.2	10.8	21.7	39.1	64.1	96.6	135.5	178.4	222.3	264.1	301.1	331.2	353.0	366.2	371.1	368.5	359.4	345.2
1935	6.7	10.2	20.6	37.5	61.9	93.9	132.2	174.7	218.3	260.0	296.9	327.0	348.9	362.3	367.3	364.8	355.9	341.8
1936	6.3	9.7	19.8	36.2	60.0	91.2	128.9	170.8	213.9	255.3	292.0	322.1	344.1	357.6	362.9	360.7	352.1	338.3
1937	6.1	9.3	19.2	35.1	58.3	88.9	125.9	167.1	209.6	250.5	287.0	316.9	339.0	352.7	358.2	356.4	348.1	334.7
1938	6.0	9.2	18.9	34.6	57.5	87.6	124.1	164.7	206.6	247.0	283.0	312.6	334.5	348.1	353.6	351.9	343.8	333.7
1939	6.3	9.2	18.8	34.4	56.9	86.7	122.6	162.0	204.0	243.7	279.2	308.4	329.9	343.4	348.9	347.2	339.3	326.5
1940	6.1	9.3	18.9	34.4	56.9	86.4	121.9	161.4	202.2	241.4	276.4	305.1	326.3	339.5	345.0	343.3	335.5	322.4
1941	6.3	9.4	19.1	34.7	57.1	86.9	121.9	161.1	201.6	240.3	274.9	303.2	324.0	336.9	342.2	340.4	332.6	320.0
1942	6.4	9.6	19.4	35.1	57.7	87.3	122.7	161.3	202.1	240.7	274.9	302.8	323.3	335.9	340.8	338.8	330.8	318.0
1943	6.6	9.9	19.9	36.0	59.1	89.2	125.1	164.7	205.2	243.7	277.7	305.2	325.2	337.1	341.3	338.6	329.9	316.6
1944	6.7	10.0	20.3	36.7	60.1	90.7	127.0	167.0	207.8	246.5	280.9	307.8	327.4	339.9	342.7	339.4	330.4	316.6
1945	6.7	10.1	20.6	37.2	51.1	92.2	129.2	169.8	211.2	250.2	284.4	311.7	331.1	342.3	345.6	341.8	332.2	317.9
1946	6.6	10.1	20.7	37.6	61.9	93.6	131.4	172.8	214.9	254.6	289.2	316.7	336.0	347.0	349.9	346.6	335.4	320.[illegible]
1947	6.3	9.9	20.4	37.5	62.2	94.5	133.1	175.5	218.6	259.2	294.5	322.5	342.1	352.9	355.5	351.7	339.9	324.[illegible]
1948	5.6	9.5	19.8	36.9	61.8	94.7	134.1	177.7	222.0	263.8	300.1	328.8	348.8	359.7	362.1	356.9	345.5	329.[illegible]
1949	5.2	8.6	18.9	35.7	60.7	94.0	134.2	178.9	224.6	267.8	305.4	335.1	355.7	366.9	369.3	363.6	351.9	335.8
1950	4.6	8.1	17.7	34.1	58.9	92.3	133.2	178.9	226.0	270.7	309.8	340.9	362.3	374.1	376.7	371.1	358.8	341.4
1951	3.9	7.2	16.3	32.1	56.4	89.7	130.9	177.6	226.0	272.3	313.0	345.4	368.1	380.8	383.8	378.3	365.8	348.0
1952	3.2	6.3	14.7	29.7	53.3	86.1	127.4	174.7	224.2	272.0	314.4	348.5	372.6	386.4	390.1	385.0	372.0	354.6
1953	2.7	5.5	13.2	27.3	49.9	82.0	122.9	170.4	220.8	269.9	313.8	349.6	375.3	390.3	395.1	390.7	378.7	360.7
1954	2.2	4.8	11.8	24.9	46.4	77.5	117.7	165.0	215.8	265.9	311.2	348.0	376.0	392.5	398.5	395.1	384.7	366.2
1955	1.9	4.2	10.6	22.8	43.2	73.1	112.4	159.1	209.9	260.5	306.9	345.0	374.6	392.6	400.1	397.8	387.4	370.5
1956	1.7	3.8	9.6	21.0	40.2	69.9	107.0	152.9	203.2	254.0	301.1	340.9	371.2	390.8	399.7	398.8	389.5	373.5
1957	1.5	3.5	9.0	19.9	38.2	65.8	102.7	147.5	197.1	247.6	294.7	335.2	366.4	387.2	397.4	397.7	389.6	374.7
1958	1.5	3.4	8.7	19.0	36.7	63.3	99.1	142.7	191.3	241.1	288.0	328.7	360.6	382.4	393.7	395.4	388.5	374.7
1959	1.4	3.2	8.3	18.2	35.2	60.8	95.5	137.9	185.5	234.5	281.1	322.0	354.4	377.1	389.6	392.4	386.8	374.1
1960	1.6	3.5	8.8	18.9	35.9	61.3	95.3	136.8	183.0	230.7	276.2	316.1	348.1	370.8	383.7	387.2	382.6	371.0
1961	2.3	4.5	10.5	21.6	39.6	65.5	99.5	140.2	185.0	230.8	274.2	312.1	342.6	364.2	376.6	380.3	376.1	365.4
1962	2.3	4.0	9.6	20.3	37.3	61.9	94.8	134.6	178.9	224.5	268.1	306.6	337.9	360.4	373.9	378.6	375.4	365.4
1963	2.3	4.4	10.3	21.0	38.3	63.3	96.0	135.3	178.8	223.5	266.1	303.7	334.3	356.5	369.9	374.8	371.9	362.5
1964	2.5	4.6	10.6	21.4	38.7	63.5	96.0	134.8	177.7	221.7	263.8	301.3	331.2	353.3	366.7	371.8	369.3	360.3
1965	2.5	4.6	10.5	21.2	38.3	62.9	94.9	133.2	175.6	219.1	260.7	297.6	327.8	349.9	363.6	368.9	366.8	358.2
1966	4.3	7.1	14.9	28.0	47.7	74.5	108.0	146.7	188.3	229.9	268.9	302.8	329.9	349.4	360.8	364.5	361.4	352.4
1967	3.6	6.2	13.3	25.4	43.9	69.4	101.7	139.5	180.4	221.8	260.9	295.3	323.1	343.4	355.7	360.4	358.0	349.8
1968	2.6	4.6	10.4	20.6	36.8	63.3	90.0	126.0	165.9	207.0	246.5	282.0	311.4	333.4	347.5	353.8	353.0	346.1
1969	2.3	4.2	9.5	19.0	34.1	56.0	84.6	119.1	157.7	197.9	236.8	272.0	301.0	324.1	338.9	346.2	346.4	340.4
1970	2.9	4.8	10.4	20.2	35.5	56.9	84.7	117.8	154.5	192.5	229.3	262.6	290.6	312.2	326.6	334.0	334.8	329.8

TABLE (3) Continued

Final Distribution of Period Fertility Rates Per 1000 Women

Egypt : 1970-1970

TABLE (4)

Final Distribution of Fertility Rates by Age Groups

Period Data

Egypt

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YEAR	15-19	20-24	25-29	30-34	35-39	40-44	45-49
1920	34.247	191.402	353.957	353.157	253.215	152.933	94.575
1921	36.312	195.246	362.362	359.605	271.132	167.717	94.832
1922	34.439	198.873	367.121	377.[illegible]	280.859	170.247	101.070
1923	[illegible]	202.303	365.2[illegible]	[illegible]	276.417	173.062	93.313
1924	[illegible]	205.411	[illegible]	[illegible]	277.710	172.[illegible]	101.[illegible]
1925	[illegible]	209.891	362.[illegible]	[illegible]	267.125	167.[illegible]	[illegible]
1926	[illegible]	213.962	362.[illegible]	[illegible]	261.113	162.[illegible]	93.36[illegible]
1927	[illegible]	214.024	362.277	[illegible]	253.517	155.[illegible]	88.972
1928	[illegible]	221.601	362.764	[illegible]	246.023	149.[illegible]	84.34[illegible]
1929	[illegible]	[illegible]	[illegible]	[illegible]	238.497	143.[illegible]	79.[illegible]
1930	[illegible]	227.109	363.389	[illegible]	229.533	137.[illegible]	73.[illegible]
1931	[illegible]	227.331	363.228	[illegible]	224.867	131.111	70.7[illegible]
1932	[illegible]	[illegible]	362.424	[illegible]	221.023	127.703	[illegible]
1933	[illegible]	[illegible]	[illegible]	[illegible]	218.394	125.494	66.312
1934	[illegible]	220.503	358.372	[illegible]	217.145	124.453	65.[illegible]
1935	[illegible]	218.634	354.[illegible]	[illegible]	214.692	122.781	64.[illegible]
1936	[illegible]	[illegible]	[illegible]	[illegible]	212.795	121.7[illegible]	64.[illegible]
1937	[illegible]	208.164	344.[illegible]	[illegible]	211.186	121.[illegible]	64.[illegible]
1938	[illegible]	205.264	340.445	[illegible]	208.967	119.[illegible]	63.617
1939	[illegible]	202.584	335.831	[illegible]	206.027	118.[illegible]	63.[illegible]
1940	[illegible]	200.832	332.124	[illegible]	204.595	117.7[illegible]	62.[illegible]
1941	[illegible]	200.116	329.596	[illegible]	202.678	116.[illegible]	62.[illegible]
1942	[illegible]	200.615	328.574	[illegible]	200.875	115.[illegible]	61.387
1943	[illegible]	203.449	329.739	[illegible]	198.175	113.[illegible]	[illegible]
1944	[illegible]	205.927	331.509	[illegible]	196.880	111.931	58.988
1945	[illegible]	209.123	334.756	[illegible]	196.230	110.[illegible]	[illegible]
1946	[illegible]	212.723	339.277	[illegible]	196.177	110.177	[illegible]
1947	[illegible]	216.324	344.976	[illegible]	196.751	109.[illegible]	56.778
1948	[illegible]	219.632	351.407	[illegible]	197.[illegible]	109.[illegible]	56.[illegible]
1949	[illegible]	222.242	358.260	[illegible]	199.[illegible]	109.[illegible]	56.[illegible]
1950	[illegible]	223.742	365.035	[illegible]	201.959	109.931	55.535
1951	[illegible]	223.921	371.215	[illegible]	204.[illegible]	110.[illegible]	[illegible]
1952	[illegible]	222.465	376.393	[illegible]	208.190	112.122	56.021
1953	[illegible]	219.469	380.043	[illegible]	212.012	113.873	56.697
1954	[illegible]	214.980	381.892	[illegible]	216.140	116.145	57.762
1955	[illegible]	209.594	381.838	[illegible]	220.346	118.786	59.173
1956	[illegible]	203.461	379.945	[illegible]	224.522	121.693	60.826
1957	[illegible]	197.745	376.448	[illegible]	228.218	124.755	62.765
1958	[illegible]	192.243	371.779	[illegible]	231.503	127.789	64.834
1959	[illegible]	186.711	366.730	[illegible]	234.483	130.688	66.853
1960	[illegible]	184.199	360.786	[illegible]	236.362	133.594	69.224
1961	[illegible]	185.761	354.817	[illegible]	237.031	136.448	71.990
1962	[illegible]	179.977	351.383	[illegible]	238.910	138.[illegible]	72.997
1963	[illegible]	179.735	347.444	[illegible]	239.248	139.481	74.435
1964	[illegible]	178.592	344.398	[illegible]	239.381	140.416	75.372
1965	[illegible]	176.485	341.144	[illegible]	239.288	140.948	75.947
1966	[illegible]	188.210	341.209	[illegible]	237.052	141.687	77.718
1967	[illegible]	180.666	335.220	[illegible]	236.686	141.728	77.757
1968	[illegible]	166.353	325.178	[illegible]	236.378	141.647	77.535
1969	[illegible]	153.972	316.067	[illegible]	235.053	141.759	77.938
1970	[illegible]	155.547	304.783	[illegible]	231.902	142.305	78.[illegible]

TABLE (5)
Estimated Annual Births by Single Years of Age
Egypt : Period 1920-1970
(In 1000's)

YEAR	AGE																					
	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
1920	.60	.93	1.51	3.53	5.90	9.10	12.93	17.37	21.45	26.39	30.37	33.67	36.09	37.58	38.16	37.94	36.96	35.40	33.38	31.00	28.31	25.40
1921	.73	1.06	2.13	3.83	6.31	9.57	13.53	17.98	22.64	27.15	31.24	34.64	37.22	38.86	39.66	39.55	38.74	37.27	35.21	32.64	29.64	26.30
1922	.87	1.21	2.35	4.16	6.73	10.07	14.11	18.61	23.31	27.86	32.00	35.47	38.12	39.63	40.64	40.64	39.84	38.46	36.46	33.90	30.85	27.36
1923	.02	1.35	2.62	4.54	7.23	10.66	14.73	19.36	24.01	28.51	32.56	35.91	38.44	40.09	40.72	40.72	39.87	38.40	36.40	33.90	30.93	27.52
1924	.22	1.53	2.89	4.93	7.73	11.28	15.45	20.03	24.71	29.19	33.21	36.52	39.01	40.58	41.17	41.17	40.31	39.09	36.81	34.24	31.30	27.90
1925	.41	1.73	3.19	5.35	8.30	11.98	16.26	20.85	25.55	29.94	33.95	36.99	39.32	40.71	41.25	40.96	39.93	38.36	36.24	33.61	30.64	27.24
1926	.65	1.89	3.45	5.73	8.79	12.61	16.97	21.65	26.34	30.74	34.59	37.66	39.87	41.15	41.57	41.16	40.04	38.33	36.24	33.61	30.64	27.24
1927	.85	2.01	3.66	6.04	9.24	13.19	17.68	22.45	27.15	31.57	35.36	38.36	40.46	41.61	41.66	41.31	40.09	38.46	36.24	33.61	30.64	27.24
1928	1.07	2.08	3.78	6.28	9.60	13.67	18.30	23.16	27.95	32.40	36.20	39.14	41.11	42.13	42.28	41.57	40.16	38.46	36.24	33.61	30.64	27.24
1929	1.26	2.15	3.83	6.39	9.82	14.01	18.79	23.79	28.70	33.19	36.97	39.68	41.81	42.70	42.67	41.82	40.28	38.46	36.24	33.61	30.64	27.24
1930	1.45	2.22	3.81	6.42	9.95	14.29	19.20	24.37	29.41	33.98	37.77	40.64	42.46	43.26	43.05	42.03	40.55	38.46	36.24	33.61	30.64	27.24
1931	1.48	2.29	3.72	6.35	9.91	14.32	19.35	24.64	29.80	34.45	38.33	41.21	43.02	43.74	43.47	42.38	40.83	38.46	36.24	33.61	30.64	27.24
1932	1.35	2.37	3.59	6.19	9.77	14.24	19.34	24.71	29.97	34.75	38.70	41.67	43.71	44.15	43.69	42.71	41.08	38.46	36.24	33.61	30.64	27.24
1933	1.24	2.44	3.45	6.08	9.58	14.06	19.20	24.65	30.02	34.87	38.91	41.80	43.71	44.15	44.16	42.98	41.37	38.46	36.24	33.61	30.64	27.24
1934	1.14	2.50	3.30	5.83	9.35	13.88	19.07	24.48	29.90	34.83	38.93	41.80	43.91	44.71	44.46	43.26	41.43	38.46	36.24	33.61	30.64	27.24
1935	1.08	2.55	3.17	5.66	9.14	13.58	18.72	24.25	29.64	34.66	38.83	41.85	43.86	44.74	44.45	43.36	41.57	38.46	36.24	33.61	30.64	27.24
1936	1.03	2.59	3.02	5.52	8.90	13.33	18.44	24.08	29.44	34.44	38.69	41.81	43.86	44.66	44.36	43.36	41.71	38.46	36.24	33.61	30.64	27.24
1937	1.00	2.63	3.03	5.43	8.83	13.15	18.26	23.93	29.31	34.17	38.49	41.67	43.75	44.61	44.24	43.29	41.84	38.46	36.24	33.61	30.64	27.24
1938	.96	2.67	3.06	5.43	8.83	13.26	18.25	23.77	29.21	34.21	38.46	41.76	43.80	44.68	44.29	43.29	41.87	38.46	36.24	33.61	30.64	27.24
1939	.92	2.71	3.13	5.58	8.87	13.43	18.35	23.85	29.31	34.31	38.56	41.85	43.85	44.74	44.34	43.34	41.90	38.46	36.24	33.61	30.64	27.24
1940	.96	2.75	3.33	5.73	8.93	13.62	18.52	24.05	29.52	34.52	38.75	41.93	43.97	44.85	44.43	43.45	42.01	38.46	36.24	33.61	30.64	27.24
1941	1.01	2.79	3.47	5.88	9.00	13.80	18.74	24.31	29.82	34.82	39.03	42.09	44.15	45.03	44.57	43.61	42.19	38.46	36.24	33.61	30.64	27.24
1942	1.05	2.83	3.62	6.04	9.13	14.02	19.01	24.66	30.19	35.19	39.39	42.45	44.52	45.30	44.78	43.84	42.44	38.46	36.24	33.61	30.64	27.24
1943	1.09	2.87	3.77	6.19	9.27	14.22	19.31	25.06	30.64	35.64	39.84	42.90	44.97	45.75	45.12	44.18	42.78	38.46	36.24	33.61	30.64	27.24
1944	1.13	2.91	3.92	6.34	9.41	14.42	19.61	25.46	31.09	36.09	40.29	43.35	45.42	46.20	45.66	44.71	43.31	38.46	36.24	33.61	30.64	27.24
1945	1.17	2.95	4.07	6.49	9.55	14.62	19.91	25.86	31.54	36.54	40.74	43.80	45.87	46.65	46.20	45.25	43.84	38.46	36.24	33.61	30.64	27.24
1946	1.21	2.99	4.22	6.64	9.69	14.82	20.21	26.26	31.99	36.99	41.19	44.25	46.32	47.10	46.73	45.77	44.37	38.46	36.24	33.61	30.64	27.24
1947	1.25	3.03	4.37	6.79	9.83	15.02	20.50	26.66	32.44	37.44	41.64	44.70	46.77	47.55	47.25	46.29	44.89	38.46	36.24	33.61	30.64	27.24
1948	1.29	3.07	4.52	6.94	9.97	15.22	20.80	27.06	32.89	37.89	42.09	45.15	47.22	48.00	47.78	46.82	45.42	38.46	36.24	33.61	30.64	27.24
1949	1.33	3.11	4.67	7.09	10.11	15.42	21.10	27.46	33.34	38.34	42.54	45.60	47.67	48.45	48.31	47.34	45.94	38.46	36.24	33.61	30.64	27.24
1950	1.37	3.15	4.82	7.24	10.25	15.62	21.40	27.86	33.79	38.79	42.99	46.05	48.12	48.90	48.84	47.87	46.47	38.46	36.24	33.61	30.64	27.24
1951	1.41	3.19	4.97	7.39	10.39	15.82	21.70	28.26	34.24	39.24	43.44	46.50	48.57	49.35	49.37	48.39	46.99	38.46	36.24	33.61	30.64	27.24
1952	1.45	3.23	5.12	7.54	10.53	16.02	22.00	28.66	34.69	39.69	43.89	46.95	49.02	49.80	49.90	48.92	47.52	38.46	36.24	33.61	30.64	27.24
1953	1.49	3.27	5.27	7.69	10.67	16.22	22.30	29.06	35.14	40.14	44.34	47.40	49.47	50.25	50.43	49.45	48.04	38.46	36.24	33.61	30.64	27.24
1954	1.53	3.31	5.42	7.84	10.81	16.42	22.60	29.46	35.59	40.59	44.79	47.85	49.92	50.70	50.96	49.98	48.57	38.46	36.24	33.61	30.64	27.24
1955	1.57	3.35	5.57	7.99	10.95	16.62	22.90	29.86	36.04	41.04	45.24	48.30	50.37	51.15	51.49	50.51	49.09	38.46	36.24	33.61	30.64	27.24
1956	1.61	3.39	5.72	8.14	11.09	16.82	23.20	30.26	36.49	41.49	45.69	48.75	50.82	51.60	52.02	51.04	49.62	38.46	36.24	33.61	30.64	27.24
1957	1.65	3.43	5.87	8.29	11.23	17.02	23.50	30.66	36.94	41.94	46.14	49.20	51.27	52.05	52.55	51.57	50.14	38.46	36.24	33.61	30.64	27.24
1958	1.69	3.47	6.02	8.44	11.37	17.22	23.80	31.06	37.39	42.39	46.59	49.65	51.72	52.50	53.08	52.10	50.67	38.46	36.24	33.61	30.64	27.24
1959	1.73	3.51	6.17	8.59	11.51	17.42	24.10	31.46	37.84	42.84	47.04	50.10	52.17	52.95	53.61	52.63	51.19	38.46	36.24	33.61	30.64	27.24
1960	1.77	3.55	6.32	8.74	11.65	17.62	24.40	31.86	38.29	43.29	47.49	50.55	52.62	53.40	54.14	53.16	51.72	38.46	36.24	33.61	30.64	27.24
1961	1.81	3.59	6.47	8.89	11.79	17.82	24.70	32.26	38.74	43.74	47.94	51.00	53.07	53.85	54.67	53.69	52.24	38.46	36.24	33.61	30.64	27.24
1962	1.85	3.63	6.62	9.04	11.93	18.02	25.00	32.66	39.19	44.19	48.39	51.45	53.52	54.30	55.20	54.22	52.77	38.46	36.24	33.61	30.64	27.24
1963	1.89	3.67	6.77	9.19	12.07	18.22	25.30	33.06	39.64	44.64	48.84	51.90	53.97	54.75	55.73	54.75	53.29	38.46	36.24	33.61	30.64	27.24
1964	1.93	3.71	6.92	9.34	12.21	18.42	25.60	33.46	40.09	45.09	49.29	52.35	54.42	55.20	56.26	55.28	53.82	38.46	36.24	33.61	30.64	27.24
1965	1.97	3.75	7.07	9.49	12.35	18.62	25.90	33.86	40.54	45.54	49.74	52.80	54.87	55.65	56.79	55.81	54.35	38.46	36.24	33.61	30.64	27.24
1966	2.01	3.79	7.22	9.64	12.49	18.82	26.20	34.26	40.99	45.99	50.19	53.25	55.32	56.10	57.32	56.34	54.88	38.46	36.24	33.61	30.64	27.24
1967	2.05	3.83	7.37	9.79	12.63	19.02	26.50	34.66	41.44	46.44	50.64	53.70	55.77	56.55	57.85	56.87	55.41	38.46	36.24	33.61	30.64	27.24
1968	2.09	3.87	7.52	9.94	12.77	19.22	26.80	35.06	41.89	46.89	51.09	54.15	56.22	57.00	58.38	57.40	55.94	38.46	36.24	33.61	30.64	27.24
1969	2.13	3.91	7.67	10.09	12.91	19.42	27.10	35.46	42.34	47.34	51.54	54.60	56.67	57.45	58.91	57.93	56.47	38.46	36.24	33.61	30.64	27.24
1970	2.17	3.95	7.82	10.24	13.05	19.62	27.40	35.86	42.79	47.79	51.99	55.05	57.12	57.90	59.43	58.45	57.00	38.46	36.24	33.61	30.64	27.24

TABLE (5) Continued
Estimated Annual Births by Single Years of Age
Egypt : Period 1920-1970
(In 1000's)

YEAR	AGE 32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
1920	33.42	31.09	28.56	25.94	23.42	20.96	18.60	16.42	14.41	12.60	10.95	9.48	8.17	7.01	6.00	5.12	4.36	3.70
1921	35.31	33.04	30.51	27.89	25.27	22.78	20.28	17.97	15.86	13.93	12.16	10.56	9.16	7.89	6.76	5.81	4.97	4.22
1922	36.51	34.25	31.72	29.06	26.40	23.80	21.30	18.95	16.77	14.76	12.94	11.29	9.80	8.45	7.30	6.29	5.39	4.60
1923	36.43	34.12	31.60	28.94	26.28	23.69	21.21	18.88	16.70	14.70	12.86	11.22	9.77	8.48	7.28	6.26	5.37	4.58
1924	36.87	34.53	32.02	29.37	26.69	24.08	21.56	19.22	17.04	15.02	13.19	11.51	10.02	8.68	7.50	6.46	5.55	4.75
1925	36.27	33.92	31.34	28.65	26.00	23.41	20.94	18.66	16.48	14.51	12.72	11.08	9.64	8.35	7.21	6.20	5.32	4.56
1926	36.18	33.74	31.13	28.41	25.72	23.13	20.66	18.36	16.24	14.27	12.48	10.86	9.45	8.18	7.06	6.07	5.20	4.45
1927	36.03	33.48	30.78	28.03	25.32	22.70	20.25	17.94	15.83	13.89	12.14	10.56	9.16	7.91	6.83	5.87	5.03	4.30
1928	35.84	33.24	30.44	27.66	24.91	22.28	19.80	17.52	15.40	13.50	11.75	10.21	8.83	7.62	6.58	5.65	4.84	4.13
1929	35.72	32.99	30.15	27.28	24.48	21.83	19.34	17.04	14.95	13.06	11.35	9.83	8.50	7.34	6.33	5.43	4.65	3.97
1930	35.47	32.63	29.68	26.76	23.92	21.25	18.74	16.43	14.40	12.52	10.85	9.38	8.10	6.99	6.02	5.16	4.41	3.76
1931	35.52	32.60	29.60	26.68	23.73	21.02	18.52	16.23	14.15	12.28	10.65	9.20	7.94	6.85	5.90	5.05	4.31	3.67
1932	35.63	32.63	29.58	26.56	23.64	20.90	18.37	16.07	13.91	12.13	10.50	9.06	7.81	6.73	5.79	4.95	4.22	3.59
1933	35.81	32.75	29.66	26.59	23.65	20.89	18.35	16.02	13.93	12.06	10.40	8.97	7.73	6.66	5.72	4.88	4.16	3.53
1934	36.05	33.00	29.86	26.77	23.81	21.02	18.45	16.11	13.97	12.08	10.40	8.96	7.72	6.64	5.70	4.86	4.14	3.51
1935	36.11	33.04	29.89	26.78	23.84	21.01	18.44	16.07	13.97	12.08	10.40	8.96	7.71	6.63	5.69	4.85	4.13	3.50
1936	36.14	33.12	29.96	26.85	23.87	21.06	18.48	16.13	14.02	12.11	10.43	8.98	7.73	6.64	5.69	4.85	4.13	3.50
1937	36.20	33.16	30.02	26.92	23.94	21.17	18.56	16.22	14.09	12.19	10.49	9.01	7.74	6.65	5.70	4.86	4.13	3.50
1938	36.34	33.31	30.18	27.05	24.04	21.27	18.67	16.31	14.17	12.26	10.55	9.06	7.77	6.67	5.71	4.86	4.13	3.50
1939	36.48	33.43	30.27	27.16	24.17	21.36	18.76	16.38	14.25	12.32	10.63	9.12	7.81	6.70	5.73	4.87	4.14	3.50
1940	36.63	33.58	30.44	27.30	24.30	21.48	18.87	16.48	14.34	12.41	10.70	9.18	7.86	6.74	5.76	4.90	4.16	3.52
1941	36.87	33.79	30.63	27.48	24.45	21.60	18.97	16.58	14.44	12.50	10.77	9.24	7.91	6.78	5.79	4.92	4.18	3.53
1942	37.19	34.08	30.86	27.69	24.62	21.75	19.10	16.69	14.54	12.59	10.84	9.30	7.96	6.82	5.82	4.95	4.20	3.55
1943	37.53	34.35	31.07	27.82	24.71	21.78	19.12	16.72	14.57	12.62	10.87	9.33	7.99	6.84	5.84	4.97	4.21	3.56
1944	38.08	34.74	31.42	28.12	24.95	21.99	19.25	16.78	14.58	12.63	10.88	9.34	8.00	6.85	5.85	4.98	4.22	3.57
1945	38.80	35.40	31.95	28.54	25.28	22.24	19.48	16.94	14.65	12.68	10.90	9.35	8.01	6.86	5.86	4.99	4.23	3.58
1946	39.65	36.15	32.55	29.05	25.69	22.58	19.74	17.15	14.85	12.80	11.00	9.43	8.07	6.91	5.90	5.02	4.25	3.59
1947	40.71	37.04	33.33	29.67	26.21	23.09	20.07	17.42	15.05	12.96	11.14	9.56	8.18	7.00	5.98	5.08	4.30	3.63
1948	41.98	38.12	34.23	30.45	26.84	23.61	20.49	17.78	15.31	13.19	11.33	9.72	8.32	7.12	6.08	5.16	4.37	3.69
1949	43.38	39.33	35.28	31.32	27.59	24.11	20.97	18.15	15.62	13.40	11.50	9.87	8.44	7.22	6.17	5.23	4.43	3.74
1950	44.94	40.69	36.43	32.29	28.41	24.81	21.54	18.60	15.98	13.68	11.73	10.05	8.59	7.34	6.27	5.31	4.49	3.79
1951	46.58	42.12	37.67	33.38	29.32	25.63	22.18	19.13	16.41	14.03	12.03	10.30	8.80	7.51	6.41	5.42	4.58	3.86
1952	48.26	43.66	39.03	34.55	30.34	26.43	22.83	19.73	16.90	14.44	12.38	10.60	9.05	7.72	6.58	5.56	4.69	3.95
1953	49.98	45.22	40.42	35.80	31.43	27.38	23.71	20.39	17.47	14.90	12.76	10.92	9.32	7.94	6.76	5.71	4.81	4.05
1954	51.66	46.78	41.87	37.10	32.57	28.38	24.58	21.17	18.10	15.45	13.23	11.32	9.66	8.22	7.00	5.91	4.98	4.19
1955	53.28	48.27	43.26	38.37	33.75	29.43	25.50	21.96	18.81	16.04	13.73	11.74	10.02	8.53	7.26	6.12	5.16	4.34
1956	54.76	49.70	44.62	39.64	34.91	30.52	26.46	22.82	19.55	16.69	14.28	12.22	10.43	8.88	7.56	6.37	5.37	4.52
1957	55.99	50.96	45.86	40.83	36.04	31.54	27.39	23.66	20.31	17.37	14.88	12.73	10.86	9.25	7.87	6.64	5.60	4.72
1958	57.13	52.10	47.00	41.93	37.09	32.54	28.34	24.51	21.07	18.04	15.46	13.23	11.30	9.63	8.20	6.92	5.84	4.92
1959	58.15	53.17	48.08	43.02	38.14	33.51	29.24	25.32	21.83	18.72	16.06	13.76	11.77	10.04	8.55	7.22	6.09	5.14
1960	58.78	53.89	48.86	43.86	38.96	34.37	30.06	26.12	22.57	19.40	16.66	14.31	12.26	10.47	8.93	7.55	6.38	5.39
1961	59.26	54.47	49.53	44.58	39.77	35.19	30.84	26.95	23.37	20.16	17.35	14.86	12.71	10.87	9.28	7.86	6.65	5.62
1962	60.58	55.79	50.79	45.60	40.90	36.23	31.83	27.80	24.13	20.82	17.91	15.35	13.13	11.24	9.61	8.16	6.91	5.84
1963	61.47	56.66	51.65	46.65	41.74	37.03	32.62	28.52	24.80	21.47	18.49	15.85	13.60	11.66	10.00	8.49	7.19	6.08
1964	62.40	57.61	52.60	47.53	42.57	37.83	33.35	29.22	25.44	22.05	19.01	16.35	14.01	12.02	10.32	8.77	7.44	6.30
1965	63.40	58.56	53.51	48.42	43.41	38.61	34.07	29.87	26.04	22.58	19.49	16.76	14.38	12.34	10.59	9.01	7.65	6.48
1966	63.64	58.78	53.76	48.69	43.77	39.02	34.53	30.37	26.56	23.11	20.01	17.20	14.76	12.68	10.91	9.33	7.96	6.76
1967	64.58	59.74	54.70	49.60	44.59	39.78	35.24	30.99	27.12	23.60	20.44	17.65	15.18	13.02	11.14	9.51	8.12	6.91
1968	65.12	60.65	55.61	50.51	45.44	40.57	35.94	31.66	27.63	24.10	20.88	18.00	15.47	13.27	11.34	9.66	8.24	7.01
1969	65.85	61.15	56.21	51.12	46.06	41.18	36.56	32.23	28.22	24.60	21.34	18.42	15.85	13.60	11.62	9.93	8.48	7.20
1970	65.26	60.83	56.05	51.13	46.24	41.48	36.96	32.71	28.75	25.15	21.89	18.95	16.30	14.06	12.08	10.36	8.85	7.55

TABLE (6)

Estimated Total Births by Age of Mothers
Egypt : Period 1920-1970
(In 1000's)

YEAR	AGE OF MOTHERS							
	15-19	20-24	25-29	30-34	35-39	40-44	45-49	TOTAL
1920	21.80	110.10	183.80	165.20	104.90	55.30	26.00	667.10
1921	23.40	113.60	190.40	174.60	113.70	61.30	29.50	706.50
1922	25.00	117.30	195.20	180.60	119.10	65.20	31.80	733.90
1923	27.00	120.30	196.50	180.30	118.60	64.90	31.70	739.30
1924	29.00	123.70	199.20	182.50	120.50	66.50	32.70	754.10
1925	31.20	127.60	199.80	179.80	117.30	64.10	31.40	751.20
1926	33.10	131.50	202.00	179.40	116.00	63.00	30.70	755.70
1927	34.80	135.50	204.30	178.50	113.90	61.30	29.60	757.90
1928	36.10	139.30	206.80	177.80	111.80	59.40	28.40	759.60
1929	36.90	142.70	209.50	177.20	109.60	57.40	27.10	760.40
1930	37.20	146.30	212.00	176.00	106.80	54.90	25.50	758.40
1931	37.00	147.80	214.30	176.30	105.70	53.70	24.70	759.50
1932	36.40	148.80	216.30	176.90	105.10	52.90	24.10	760.50
1933	35.60	148.90	217.70	177.60	105.10	52.60	23.80	761.30
1934	34.70	148.40	218.80	178.90	105.70	52.80	23.80	763.10
1935	33.80	147.40	218.90	179.10	105.70	52.70	23.70	761.30
1936	33.10	146.20	218.50	179.30	106.00	52.80	23.80	759.70
1937	32.60	144.90	217.90	179.60	106.40	53.10	24.00	758.50
1938	32.50	145.20	218.40	180.20	106.90	53.40	24.10	760.80
1939	32.90	145.80	218.80	180.80	107.40	53.80	24.30	763.60
1940	33.50	146.70	219.80	181.70	108.00	54.10	24.50	768.30
1941	34.20	148.50	221.50	182.80	108.60	54.50	24.70	774.80
1942	35.10	151.20	224.30	184.50	109.40	54.80	24.80	784.10
1943	36.60	155.80	228.50	186.20	109.60	54.50	24.50	795.70
1944	37.90	160.30	233.30	189.00	110.60	54.80	24.60	810.50
1945	39.10	165.40	239.20	192.50	111.90	55.20	24.60	827.90
1946	40.20	170.90	246.20	196.80	113.70	55.70	24.70	848.20
1947	41.00	176.60	254.20	202.10	115.80	56.30	24.80	870.80
1948	41.70	183.30	264.00	208.40	118.40	57.00	24.90	897.40
1949	41.80	189.10	274.50	215.40	121.50	58.00	25.20	925.50
1950	41.40	194.40	285.20	223.00	124.90	59.20	25.50	953.60
1951	40.40	198.70	295.70	231.10	128.80	60.60	25.90	981.20
1952	39.00	201.50	305.70	239.40	133.10	62.30	26.50	1007.50
1953	37.40	202.90	314.70	247.90	137.80	64.30	27.30	1032.30
1954	35.60	203.30	322.40	256.10	142.80	66.60	28.30	1054.80
1955	33.90	202.30	328.60	263.90	148.00	69.20	29.40	1075.00
1956	32.30	200.20	333.40	271.10	153.30	72.00	30.80	1093.10
1957	31.40	198.60	336.70	277.20	158.40	75.00	32.30	1109.60
1958	30.90	197.10	339.00	282.60	163.30	78.00	33.90	1124.80
1959	30.30	195.40	340.80	287.60	168.10	81.00	35.50	1138.70
1960	31.70	196.70	341.80	290.80	172.20	84.10	37.30	1154.60
1961	35.90	203.20	343.40	293.10	176.30	87.70	39.60	1179.20
1962	34.40	201.60	347.20	299.60	181.40	90.60	41.00	1195.80
1963	36.60	206.20	351.10	303.90	185.40	93.80	42.60	1219.30
1964	38.00	209.80	355.50	308.60	189.30	96.10	44.00	1241.30
1965	38.60	212.30	359.80	313.50	193.20	98.40	45.30	1261.10
1966	49.60	231.80	367.70	315.00	195.30	101.00	47.30	1307.70
1967	46.80	227.90	369.80	319.50	199.00	103.20	48.20	1313.60
1968	45.10	215.50	365.70	323.30	202.90	105.30	49.10	1301.90
1969	38.20	210.20	363.20	325.20	206.90	107.50	50.30	1300.50
1970	40.80	210.60	367.80	322.80	207.30	110.20	52.40	1301.60

TABLE (7)

Reported, Corrected Births and the Ratio of Under-Registered Births to Corrected and Reported Births
Egypt : Period 1920-1970

Year	Reported Births (1)	Corrected Births (2)	(2)-(1) / (2) %	(2)-(1) / (1) %
1920	558.609	667.132	16.27	19.43
21	558.898	706.433	20.88	26.40
22	582.662	733.848	20.60	25.95
23	588.855	739.259	20.35	25.54
24	604.568	753.972	19.82	24.71
25	607.564	751.145	19.12	23.63
26	623.825	755.680	17.45	21.14
27	627.583	757.921	17.20	20.77
28	629.433	759.710	17.15	20.70
29	645.217	760.370	15.14	17.85
1930	670.817	758.448	11.55	13.06
31	664.631	759.604	12.50	14.29
32	642.595	760.456	15.50	18.34
33	668.467	761.326	12.20	13.89
34	651.663	763.011	14.59	17.09
35	645.760	761.251	15.17	17.88
36	698.186	759.713	8.10	8.81
37	694.086	758.442	8.49	9.27
38	704.376	760.982	7.44	8.04
39	696.746	763.603	8.76	9.60
1940	697.700	768.151	9.17	10.10
41	695.016	774.848	10.30	11.49
42	658.324	784.044	16.03	19.10
43	689.771	795.876	13.33	15.38
44	722.166	810.354	10.88	12.21
45	787.502	827.942	4.88	5.14
1946	774.152	848.228	8.73	9.57
47	834.557	870.745	4.16	4.34
48	832.728	897.548	7.22	7.78
49	831.310	925.415	10.17	11.32
1950	904.941	953.520	5.09	5.37
51	934.584	981.226	4.75	4.99
52	969.443	1007.592	3.79	3.94
53	934.830	1032.230	9.44	10.42
54	957.158	1054.736	9.25	10.19
55	926.500	1075.000	13.81	16.03
56	958.880	1093.042	12.27	13.99
57	914.494	1109.450	17.57	21.32
58	1013.743	1124.733	9.87	10.95
59	1078.947	1138.761	5.25	5.54
1960	1113.888	1154.661	3.55	3.66
61	1166.620	1179.276	1.07	1.08
62	1125.798	1195.816	5.94	6.22
63	1196.388	1219.172	1.87	1.90
64	1205.785	1241.260	2.86	2.94
65	1220.658	1260.981	3.20	3.30
66	1234.976	1307.670	5.56	5.89
67	1210.214	1313.583	7.87	8.54
68	1206.585	1301.834	7.31	7.89
69	1197.245	1300.534	7.94	8.63
1970	1161.539	1301.603	10.76	12.06