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מדינת ישראל
STATE OF ISRAEL

COMPLETE LIFE TABLES OF ISRAEL 2014–2018

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PREFACE

This publication, which presents complete life tables for 2014–2018, is part of an annual series of publications on this topic. Complete life tables are produced for periods of five calendar years, and include information on the probability of death and on life expectancy, including standard deviation and confidence intervals.

The information is presented for various population groups (the entire population, Jews and Others, Jews, Arabs) and by sex and single year of age.

The tables show the implications of mortality levels in Israel on longevity. For example, they are used to calculate population forecasts in order to optimize the planning of socio-economic policy for the dependent population and to prepare for allocating resources for the services its members require. In addition, the actuarial analyses based on the life tables make it possible to calculate the amount of pension contributions and various insurance premiums, so that excesses and deficits are not generated in the pension funds or the insurance company funds, making it possible to pay allowances and benefits at the proper time.

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INTRODUCTION

1. GENERAL

This publication presents complete life tables of Israel for the years 2014–2018.

The tables contain information on probabilities of death and life expectancy, including standard deviations and confidence intervals. Data are presented by population group, sex, and age. The tables in this publication make use of a model for smoothing the probabilities of death up to age 89 (see the explanation in Section 3, “Methods of Computation”, below). The life tables in this publication are based on a method for estimating the probabilities of death at age 90 and over, and the estimates are extended beyond age 100, up to age 110 and above.

The Central Bureau of Statistics produces two series of life tables – abridged¹ and complete – on a regular basis. The abridged life tables (by five-year age groups) are produced for every calendar year, and the complete life tables (for single years of age) are produced for periods of five calendar years (average). Data in the complete life tables may differ from those in the abridged tables, especially in the older age groups, owing to differences in the methods of computation (see Section 3, “Methods of Computation”, below).

¹ See CBS. (2019). *Statistical Abstract of Israel, No. 70*, Chapter 3, “Health”, Jerusalem: Author, Tables 3.6–3.7.

2. MAIN FINDINGS

In 2014–2018, life expectancy at birth of the total population was 84.4 years for females and 80.6 years for males. For Jews and Others, life expectancy was 84.8 years for females and 81.1 years for males, and life expectancy of female Jews was 84.8 years and that of male Jews was 81.3 years. For Arabs, life expectancy was 81.4 years for females and 77.2 years for males.

Based on the age-specific mortality rates in 2014–2018, more than half of the females born in these years are expected to live more than 86 years, and more than half of the males born in the same period are expected to live more than 83 years. In addition, 35.6% of the females and 24.7% of the males born in 2014–2018 are expected to live at least 90 years. Females aged 65 in this period can expect to live an additional 21.7 years on the average whereas those aged 80 are expected to live another 10 years on the average. Males aged 65 are expected to live 19.3 more years on average, and those aged 80 are expected to live another 9 years on average.

In an international comparison of life expectancy, according to OECD data,² (for 2017), Israeli males and females are ranked for the first time in the same position, in seventh place. The life expectancy of males is 80.6, similar to the life expectancy of males in Spain, and slightly below that of Iceland, Japan, Norway, Italy and Sweden (80.8 – 81.1). Life expectancy for males is highest in Switzerland (81.6).

The life expectancy of females is 84.6 – similar to females in Australia and Portugal, and 2.7 years lower than that of Japan, the country in first place (87.3 years), and 1.5 years lower than the country in second place – Spain (86.1).

² OECD health data, 2019. Retrieved from <https://data.oecd.org/health.htm>.

3. METHODS OF COMPUTATION

A. Types of Life Tables

There are two kinds of life tables: period tables and cohort tables.

The life tables presented in this publication are complete period life tables for single years of age from birth (age 0) until age 110 and above.

Period life tables describe patterns of mortality in a specific period. A period life table reflects the mortality of a hypothetical cohort (generation) born in a given year, assuming that this generation will experience at each age the mortality rates which prevailed in that age group in the specified year. For example, the life table for 1990 assumes that survivors of the generation born in 1990 will be exposed at every age from 0 to 100 and above to the same mortality conditions that prevailed at those ages in 1990. Thus, the calculation resembles a projection, assuming that mortality rates will remain constant.

Cohort (generational) life tables show mortality rates in a particular birth cohort until all individuals in that cohort die. For example, the annual probabilities of deaths for persons born in 1900 can be tracked until 2000, and their mortality rates can be obtained at every age, from birth to age 100 and above. With these data, a life table can be compiled for the entire cohort, assuming that nearly all of them died by 2000. In order to produce a cohort life table, mortality and migration data must be collected over a long period of time. This follow-up is practical only among "closed" populations with no migration, which is far from the case in Israel. Moreover, the value of a cohort table is mainly historical, because it reflects mortality rates of individuals born long ago, who lived under different conditions from those prevailing at the time the table was prepared.

B. Confidence Intervals

Mortality rates in Israel, as in all countries, are subject to statistical errors (stochastic variation) and to a variety of non-statistical errors, such as those that arise from errors in reported year of birth or age at death. Due to both kinds of error, calculated mortality rates may differ from the "true" mortality rate that would have been obtained if it were possible to overcome these errors. Stochastic variations become more significant as the number of deaths becomes smaller, for example among small population groups or in a single year of age, or over a short period of time.

This publication presents both standard deviations and confidence intervals for the probability of death and for life expectancy. The confidence intervals are symmetric,

reflect only stochastic variation, and are based on the assumption that the number of deaths at each age follows a binomial distribution.³

A confidence interval of 95% represents a range in which the true value of the parameter will be found in 95% of the cases. Whenever there is an overlap between the confidence intervals of two probabilities of death or expected years of life between different ages or groups, the differences are not statistically significant (at a confidence level of 95%).

The confidence interval of the probability of death (q_x) is dependent on the number of deaths in the reference group. Accordingly, there are differences in the relative widths of the confidence intervals at different ages. At younger ages, in which there are fewer deaths, the confidence interval is wider than at older ages, where there are more deaths. Additionally, the relative width of the confidence interval differs among different population groups. Because there are fewer deaths in the Arab population than in the Jewish population, the relative width of the confidence intervals is greater among the Arabs.

The confidence interval of life expectancy is a function of the confidence interval of the probability of death, and is therefore narrower for the Jewish population than for the Arab population. For example, among Jewish females the confidence interval for life expectancy at birth is (\pm) 0.1 years, compared with (\pm) 0.2 years for Arab females.

Confidence intervals for life expectancy and for probabilities of death were calculated using the methods developed by Chiang,⁴ where the significance level $\alpha = 0.05$ corresponds to a value of $z = 1.96$ in a standardized normal distribution. The confidence interval was calculated for the estimated probability of death, which was obtained from the smoothed model (see Section C – “Smoothing Techniques”, below).

Standard deviation of the probability of death:
$$S_{q_x} = \sqrt{\frac{\hat{q}_x^2(1-\hat{q}_x)}{D_x}}$$

D_x – Absolute number of deaths at age x

³ Chiang, C. L. (1984). Statistical inference regarding life table functions. In C. L. Chiang, *The life table and its applications*. Malabar, FL: Robert E. Krieger, pp. 153–167.

⁴ Chiang, C. L. (1984). Statistical inference regarding life table functions. In C. L. Chiang, *The life table and its applications*. Malabar, FL: Robert E. Krieger, pp. 153–167.

Confidence interval: $CI = 2 * 1.96 * S_{q_x}$

Standard deviation of life expectancy: $S_{e_x} = \sqrt{\frac{T_x}{l_x^2}}$

T_x – The total number of person-years lived by cohort survivors after reaching age x

l_x – The number of survivors at exact age x out of 100,000 infants born

C. Smoothing Techniques

Stochastic variation is not the only source of “error” in life table functions. Therefore, in order to overcome irregularities from all sources of error, it is customary to use a smoothing technique of some kind.

An “abridged” life table, which is based on mortality rates among broad age groups and not on single years of age, is less exposed to stochastic variations and other errors. The problems are more serious when calculating a “complete” life table based on single years of age. Complete life tables in Israel for 1986–1990 until 1995–1996 were computed using the MORTPAK⁵ software package, which was provided by the United Nations. The software allows for calculation of complete life tables by estimating a Heligman-Pollard (H-P) mortality model,⁶ by the least-squares method. In the early 2000s, it was found that this program does not produce reasonable results for estimation of complete life tables for Israeli data. The fit between the model and the empirical data was not statistically significant, and it was found that the H-P model raises life expectancy at birth for all population groups (by at least 0.2 years and sometimes more than a single year) as compared to the abridged life table. Moreover, it was found that the curve of the model crosses the boundaries of the confidence interval for empirical probabilities of death (q_x). Furthermore, although the parameters of the H-P model can be estimated, the statistical measures (standard deviation and significance) of the parameter estimates cannot be calculated. Thus, the overall statistical significance of the model is not known. Finally, this smoothing procedure does not take into account the distinct features of the Israeli data: at certain ages, the smoothing procedure greatly reduces the probability of death (for example, the ages of compulsory military service) and at other ages (particularly at older ages), it increases the probability.

⁵ MORTPAK for Windows. The United Nations Software Package for Demographic Measurement (Version 4.0) [Computer software]. New York, NY: United Nations Population Division.

⁶ Heligman, L., & Pollard, J. H. (1980). The age pattern of mortality. *Journal of the Institute of Actuaries*, 107, 49–75.

For these reasons, a new method of smoothing was developed by means of a two-stage polynomial function,⁷ and this was used as the basis for the complete life tables since 1996–2000 and until 2008–2012. The model is based on the Local Maximum Likelihood method,⁸ as well as on a technique for estimating change points.⁹ See publications from those years for explanations on that method.

In recent years it was found that this model did not produce reasonable results for estimating the complete life tables, due to two main reasons:

1. The estimates of mortality rates at older ages (over 90) which were obtained by the above method were unreasonably low, both with regard to their rate of increase by age and in comparison with death rates at younger ages.
2. Reliance on the “change point” method produced inconsistency between the probabilities of death at young ages (under 20) and in the middle adult ages.

The two new methods that were chosen to deal with those problems are similar to the estimating and smoothing techniques used by some other countries.

C.1. Estimating Mortality Rates Above Age 90

In Israel, at age 90 and over, stochastic variation in age reporting, errors in age reporting, and possible errors in population estimates, are all higher than at younger ages. Therefore, at these ages, an estimation based on a model provides a better way of providing stable and consistent estimates of mortality rates. In order to estimate mortality rates at ages 90–110, the Kannisto logistic model was used.¹⁰ The model was estimated using the Maximum Likelihood method, using a SAS Macro developed by Dr. Klára Hulíková Tesárková.¹¹ The macro is based on the SAS NLIN procedure.

⁷ Vexler, A., Flaks, N., & Paltiel, A. (2005). A method for smoothing mortality functions using a segmented regression model: An application to Israeli data (Working Paper Series No. 15). Jerusalem: CBS. (Hebrew only).

⁸ Fan, J., Farnen, M., & Gijbels, I. (1998). Local Maximum Likelihood Estimation and inference. *Journal of the Royal Statistical Society, Series B*, 60, 591–608.

⁹ Koul, H. L., Lianfen, Q., & Surgailis, D. (2003). Asymptotics of M-estimators in two-phase linear regression models. *Stochastic Processes and Their Applications*, 103, 123–154.

¹⁰ Kannisto, V. (1994). *The development of oldest-old mortality 1950–1990: Evidence from 28 developed countries*. Odense, Denmark: Odense University Press.

¹¹ Tesárková, K. H. (2012). Selected methods of mortality analysis focused on adults and the oldest age groups (Doctoral thesis, Department of Demography and Geodemography, Charles University, Prague, Czech Republic).

The formula for the model's function is:

$$m_x \cong \mu_{x+0.5} = \frac{\alpha * e^{\beta*(x+0.5)}}{1 + \alpha * e^{\beta*(x+0.5)}}$$

Where:

μ_x – is the hazard rate (the instantaneous likelihood of death) at age x

α – represents the mortality rate at age 0

β – represents the (logistic) rate of increase in mortality from one age to the next

The macro estimates the α and β parameters on the basis of the empirical mortality rates from age 65 to age 89 for all population groups and sexes. The values of probabilities of death in the life tables were calculated based on the mortality rates provided by the model for ages 90 until 110+.

C.2. Smoothing Age-Specific Probabilities of Death

As stated above, there might be irregularities (lack of monotonicity) in the increase of mortality rates from age to age even below age 89 due to stochastic variation, especially in small populations. In order to smooth the mortality curve, a B-spline function was used. The smoothing is applied to the probabilities of death for ages 1–109, in order to ensure a continuous monotonic series between the mortality rates calculated up to age 89 and the mortality rates estimated for ages 90 and over (see above Section C.1.).

Interpolation by B-spline functions is carried out by calculating piecewise polynomial functions, in which the sections are joined together into a continuous function through knots, which are placed at the points where there is a change in the angle of the curve, but the function remains continuous even at the knots. The greater the number of knots, the better the smoothed curve fits the curve of the empirical probabilities of death by age, upon which the function is based; conversely, a small number of knots provides a smoother curve. The technique requires that the optimal number of knots be chosen providing the smallest effect on the calculated life expectancy, while at the same time, providing a smooth curve without irregular deviations due to random fluctuations in mortality rates in a given year.

The knots were chosen to correspond to the ages at which there is a significant change in the rate or direction (increase or decrease) of the death probabilities in a typical mortality curve. By choosing these knots, it was possible to enforce a similar pattern in probabilities of death for all population groups, while allowing enough flexibility to allow period and group variations in mortality to be taken into account.

After testing the empirical death probabilities at all ages, the most appropriate series of knots was chosen. The series consists of 8 knots, set at the following ages: 0, 1, 9, 18, 30, 50, 65 and 90. This 8-knot series is used for all the tables in the publication.

The B-spline smoothing of the death probabilities between 1 and 89 years in the current life tables were fitted using the TRANSREG¹² procedure in the SAS statistical software (SAS Institute Inc. 2008B).

¹² TRANSREG stands for transformation regression.

4. COMPONENTS OF A LIFE TABLE

A life table is based on sex- and age-specific mortality rates, and consists of the following functions:

- D_x** – Absolute number of deaths at age x .
- m_x** – Average mortality rate at age x , i.e., the number of people who died at age x divided by the average population at the same age. For example: the m_x values for computing the life table for 2014–2018 are based on average mortality rates for these years.
- q_x** – The probability of death between age x and age $x+1$. The column presents the proportion of people who died between age x and age $x+1$ of those living at age x . The q_x values are derived from m_x values as follows:

$$q_x = \frac{m_x}{1 + \frac{1}{2}m_x}$$

- l_x** – The number of survivors at exact age x out of 100,000 infants born (radix of the table – $l_0 = 100,000$).

The l_x values are based on the q_x values, which allow for the calculation of the number of survivors since age $x-1$.

$$l_x = l_{x-1} (1 - q_{x-1})$$

- L_x** – The number of person-years of the cohort that reached exact age x , between this age and age $x+1$.

$$L_x = (l_x + l_{x+1})/2$$

- L_0** – The number of person-years lived by the cohort between birth and its first birthday.

- L_{110+}** – The number of person-years lived by the cohort from age 110 until the last one has died.

L_0 and L_{110+} are calculated differently for two reasons:

L_0 is affected by the non-linear distribution of deaths in the first year of life.

L_{110+} requires an estimate of the number of years that will be lived until the last member of the cohort has died. Thus:

$$L_0 = 0.3 l_0 + 0.7 l_1$$

$$L_{110+} = 1000 (l_{110} / m_{110+})$$

T_x – The total number of person-years lived by cohort survivors after reaching age x;

T_x is the sum of L_x for all ages after x.

e_x – The life expectancy at age x. This is the average number of years a person may expect to live after age x, assuming that he survived to age x, and that mortality rates are unchanging.

$$e_x = \frac{T_x}{l_x}$$

The complete life tables presented here show the l_x, q_x and e_x functions for single ages, from birth to age 110+.

TABLES

(PRINTED IN HEBREW ORDER – FROM RIGHT TO LEFT)

לוח 1. לוח תמותה של ישראל: כל האוכלוסייה - זכרים

2014-2018

תוחלת חיים Life expectancy			נשארים בחיים בגיל x Survivors at age x I_x	הסתברות למות Probability of death				גיל Age	
רווח סמך Confidence interval		סט"ת תקן Standard deviation		e_x	רווח סמך Confidence interval		סט"ת תקן Standard deviation		q_x
גבול עליון Upper boundary	גבול תחתון Lower boundary				גבול עליון Upper boundary	גבול תחתון Lower boundary			
80.6	80.5	0.03	80.6	100,000	0.00343	0.00310	0.00008	0.00326	0
79.9	79.8	0.03	79.8	99,674	0.00032	0.00023	0.00002	0.00028	1
78.9	78.8	0.03	78.8	99,646	0.00027	0.00017	0.00002	0.00022	2
77.9	77.8	0.03	77.9	99,624	0.00021	0.00014	0.00002	0.00017	3
76.9	76.8	0.03	76.9	99,607	0.00018	0.00010	0.00002	0.00014	4
75.9	75.8	0.03	75.9	99,593	0.00015	0.00009	0.00002	0.00012	5
74.9	74.8	0.03	74.9	99,581	0.00013	0.00007	0.00002	0.00010	6
74.0	73.8	0.03	73.9	99,570	0.00012	0.00007	0.00002	0.00009	7
73.0	72.9	0.03	72.9	99,561	0.00012	0.00007	0.00001	0.00009	8
72.0	71.9	0.03	71.9	99,552	0.00012	0.00006	0.00001	0.00009	9
71.0	70.9	0.03	70.9	99,543	0.00013	0.00007	0.00002	0.00010	10
70.0	69.9	0.03	69.9	99,533	0.00014	0.00007	0.00002	0.00011	11
69.0	68.9	0.03	68.9	99,523	0.00016	0.00009	0.00002	0.00012	12
68.0	67.9	0.03	67.9	99,510	0.00020	0.00010	0.00002	0.00015	13
67.0	66.9	0.03	67.0	99,495	0.00023	0.00013	0.00002	0.00018	14
66.0	65.9	0.03	66.0	99,477	0.00027	0.00017	0.00002	0.00022	15
65.0	64.9	0.03	65.0	99,455	0.00033	0.00021	0.00003	0.00027	16
64.0	63.9	0.03	64.0	99,429	0.00039	0.00026	0.00003	0.00033	17
63.1	63.0	0.03	63.0	99,396	0.00044	0.00032	0.00003	0.00038	18
62.1	62.0	0.02	62.0	99,358	0.00050	0.00037	0.00003	0.00043	19
61.1	61.0	0.02	61.1	99,315	0.00055	0.00041	0.00004	0.00048	20
60.1	60.0	0.02	60.1	99,268	0.00059	0.00044	0.00004	0.00051	21
59.2	59.1	0.02	59.1	99,217	0.00062	0.00045	0.00004	0.00054	22
58.2	58.1	0.02	58.2	99,164	0.00063	0.00046	0.00004	0.00055	23
57.2	57.1	0.02	57.2	99,109	0.00064	0.00047	0.00005	0.00056	24
56.3	56.2	0.02	56.2	99,054	0.00064	0.00047	0.00004	0.00055	25
55.3	55.2	0.02	55.3	98,999	0.00063	0.00047	0.00004	0.00055	26
54.3	54.2	0.02	54.3	98,945	0.00063	0.00046	0.00005	0.00054	27
53.4	53.3	0.02	53.3	98,891	0.00062	0.00045	0.00004	0.00054	28
52.4	52.3	0.02	52.3	98,838	0.00062	0.00045	0.00004	0.00054	29
51.4	51.3	0.02	51.4	98,785	0.00062	0.00045	0.00004	0.00054	30
50.4	50.3	0.02	50.4	98,732	0.00063	0.00046	0.00004	0.00054	31
49.5	49.4	0.02	49.4	98,678	0.00064	0.00048	0.00004	0.00056	32
48.5	48.4	0.02	48.4	98,623	0.00066	0.00050	0.00004	0.00058	33
47.5	47.4	0.02	47.5	98,566	0.00069	0.00052	0.00004	0.00061	34
46.5	46.5	0.02	46.5	98,506	0.00074	0.00055	0.00005	0.00064	35
45.6	45.5	0.02	45.5	98,442	0.00078	0.00059	0.00005	0.00069	36
44.6	44.5	0.02	44.6	98,375	0.00084	0.00064	0.00005	0.00074	37
43.6	43.6	0.02	43.6	98,302	0.00091	0.00069	0.00006	0.00080	38
42.7	42.6	0.02	42.6	98,223	0.00099	0.00076	0.00006	0.00088	39
41.7	41.6	0.02	41.7	98,137	0.00107	0.00085	0.00006	0.00096	40
40.7	40.7	0.02	40.7	98,043	0.00118	0.00094	0.00006	0.00106	41
39.8	39.7	0.02	39.8	97,939	0.00130	0.00104	0.00007	0.00117	42
38.8	38.8	0.02	38.8	97,824	0.00144	0.00116	0.00007	0.00130	43
37.9	37.8	0.02	37.8	97,697	0.00159	0.00130	0.00008	0.00145	44
36.9	36.9	0.02	36.9	97,555	0.00178	0.00145	0.00008	0.00161	45
36.0	35.9	0.02	36.0	97,398	0.00197	0.00163	0.00009	0.00180	46
35.1	35.0	0.02	35.0	97,223	0.00219	0.00182	0.00010	0.00200	47
34.1	34.1	0.02	34.1	97,028	0.00244	0.00202	0.00011	0.00223	48
33.2	33.1	0.02	33.2	96,811	0.00271	0.00226	0.00011	0.00248	49
32.3	32.2	0.02	32.3	96,571	0.00299	0.00252	0.00012	0.00275	50
31.4	31.3	0.02	31.3	96,305	0.00328	0.00282	0.00012	0.00305	51
30.5	30.4	0.02	30.4	96,011	0.00362	0.00310	0.00013	0.00336	52
29.6	29.5	0.02	29.5	95,689	0.00395	0.00344	0.00013	0.00369	53
28.7	28.6	0.02	28.6	95,335	0.00433	0.00378	0.00014	0.00405	54
27.8	27.7	0.02	27.8	94,949	0.00473	0.00416	0.00014	0.00444	55

TABLE 1. COMPLETE LIFE TABLE OF ISRAEL: TOTAL POPULATION - MALES

2014-2018

תוחלת חיים Life expectancy			נשארים בחיים בגיל x Survivors at age x I_x	הסתברות למות Probability of death			גיל Age		
רווח סמך Confidence interval		סטטיית תקן Standard deviation		e_x	רווח סמך Confidence interval			סטטיית תקן Standard deviation	q_x
גבול עליון Upper boundary	גבול תחתון Lower boundary				גבול עליון Upper boundary	גבול תחתון Lower boundary			
26.9	26.8	0.02	26.9	94,527	0.00517	0.00455	0.00016	0.00486	56
26.0	26.0	0.02	26.0	94,068	0.00564	0.00498	0.00017	0.00531	57
25.2	25.1	0.02	25.1	93,568	0.00614	0.00545	0.00018	0.00580	58
24.3	24.3	0.02	24.3	93,026	0.00670	0.00596	0.00019	0.00633	59
23.5	23.4	0.02	23.4	92,437	0.00729	0.00653	0.00019	0.00691	60
22.6	22.6	0.02	22.6	91,798	0.00795	0.00714	0.00021	0.00755	61
21.8	21.7	0.02	21.8	91,106	0.00866	0.00783	0.00021	0.00825	62
21.0	20.9	0.02	20.9	90,354	0.00946	0.00859	0.00022	0.00902	63
20.2	20.1	0.01	20.1	89,539	0.01036	0.00942	0.00024	0.00989	64
19.4	19.3	0.01	19.3	88,654	0.01135	0.01037	0.00025	0.01086	65
18.6	18.5	0.01	18.5	87,691	0.01248	0.01141	0.00027	0.01195	66
17.8	17.7	0.01	17.7	86,643	0.01373	0.01262	0.00028	0.01317	67
17.0	17.0	0.01	17.0	85,502	0.01516	0.01395	0.00031	0.01455	68
16.2	16.2	0.01	16.2	84,257	0.01678	0.01543	0.00034	0.01611	69
15.5	15.5	0.01	15.5	82,900	0.01857	0.01713	0.00037	0.01785	70
14.8	14.7	0.01	14.8	81,421	0.02063	0.01898	0.00042	0.01981	71
14.1	14.0	0.01	14.0	79,808	0.02293	0.02108	0.00047	0.02200	72
13.4	13.3	0.01	13.3	78,052	0.02551	0.02342	0.00053	0.02446	73
12.7	12.6	0.01	12.7	76,143	0.02835	0.02609	0.00058	0.02722	74
12.0	12.0	0.01	12.0	74,070	0.03151	0.02910	0.00061	0.03031	75
11.4	11.3	0.01	11.4	71,825	0.03504	0.03246	0.00066	0.03375	76
10.8	10.7	0.01	10.7	69,401	0.03896	0.03623	0.00070	0.03759	77
10.2	10.1	0.01	10.1	66,792	0.04335	0.04039	0.00076	0.04187	78
9.6	9.5	0.01	9.6	63,996	0.04820	0.04504	0.00081	0.04662	79
9.0	9.0	0.01	9.0	61,012	0.05363	0.05014	0.00089	0.05188	80
8.5	8.5	0.01	8.5	57,847	0.05963	0.05579	0.00098	0.05771	81
8.0	7.9	0.01	8.0	54,508	0.06624	0.06203	0.00107	0.06414	82
7.5	7.5	0.01	7.5	51,012	0.07350	0.06890	0.00117	0.07120	83
7.0	7.0	0.01	7.0	47,380	0.08152	0.07639	0.00131	0.07895	84
6.6	6.5	0.01	6.6	43,639	0.09021	0.08464	0.00142	0.08743	85
6.2	6.1	0.01	6.2	39,824	0.09976	0.09354	0.00158	0.09665	86
5.8	5.7	0.01	5.8	35,975	0.11000	0.10331	0.00171	0.10666	87
5.4	5.4	0.01	5.4	32,138	0.12123	0.11370	0.00192	0.11747	88
5.1	5.0	0.01	5.0	28,363	0.13337	0.12481	0.00218	0.12909	89
4.7	4.7	0.01	4.7	24,702	0.14645	0.13660	0.00251	0.14152	90
4.4	4.4	0.01	4.4	21,206	0.16030	0.14923	0.00283	0.15476	91
4.1	4.1	0.02	4.1	17,924	0.17506	0.16253	0.00320	0.16880	92
3.9	3.8	0.02	3.8	14,898	0.19075	0.17646	0.00365	0.18361	93
3.6	3.6	0.02	3.6	12,163	0.20739	0.19095	0.00419	0.19917	94
3.4	3.3	0.02	3.4	9,741	0.22500	0.20589	0.00488	0.21544	95
3.2	3.1	0.02	3.2	7,642	0.24361	0.22115	0.00573	0.23238	96
3.0	2.9	0.02	3.0	5,866	0.26328	0.23655	0.00682	0.24992	97
2.8	2.7	0.03	2.8	4,400	0.28410	0.25185	0.00823	0.26797	98
2.7	2.6	0.03	2.6	3,221	0.30621	0.26672	0.01007	0.28646	99
2.5	2.4	0.03	2.5	2,298	0.32987	0.28069	0.01255	0.30528	100
2.4	2.2	0.04	2.3	1,597	0.35548	0.29312	0.01591	0.32430	101
2.3	2.1	0.05	2.2	1,079	0.38372	0.30308	0.02057	0.34340	102
2.2	2.0	0.05	2.1	708	0.41571	0.30916	0.02718	0.36243	103
2.1	1.8	0.07	2.0	452	0.45326	0.30922	0.03675	0.38124	104
2.0	1.7	0.08	1.9	279	0.49948	0.29985	0.05093	0.39966	105
2.0	1.6	0.10	1.8	168	0.55957	0.27549	0.07247	0.41753	106
2.0	1.4	0.13	1.7	98	0.64259	0.22673	0.10609	0.43466	107
2.0	1.3	0.17	1.6	55	0.76454	0.13720	0.16003	0.45087	108
2.0	1.1	0.23	1.6	30	0.95445	0.00000	0.24922	0.46599	109
			1.5	16				1.00000	110+

לוח 2. לוח תמותה של ישראל: כל האוכלוסייה - נקבות
2014-2018

תוחלת חיים Life expectancy			נשארים בחיים בגיל x Survivors at age x I_x	הסתברות למות Probability of death				גיל Age	
רווח סמך Confidence interval		סט"ית תקן Standard deviation		e_x	רווח סמך Confidence interval		סט"ית תקן Standard deviation		q_x
גבול עליון Upper boundary	גבול תחתון Lower boundary				גבול עליון Upper boundary	גבול תחתון Lower boundary			
84.4	84.3	0.03	84.4	100,000	0.00311	0.00279	0.00008	0.00295	0
83.7	83.6	0.03	83.6	99,705	0.00033	0.00023	0.00002	0.00028	1
82.7	82.6	0.03	82.6	99,678	0.00021	0.00013	0.00002	0.00017	2
81.7	81.6	0.03	81.7	99,660	0.00015	0.00009	0.00002	0.00012	3
80.7	80.6	0.03	80.7	99,648	0.00012	0.00006	0.00002	0.00009	4
79.7	79.6	0.03	79.7	99,639	0.00011	0.00005	0.00001	0.00008	5
78.7	78.6	0.03	78.7	99,631	0.00010	0.00005	0.00001	0.00007	6
77.7	77.6	0.03	77.7	99,624	0.00010	0.00004	0.00001	0.00007	7
76.7	76.6	0.03	76.7	99,617	0.00010	0.00005	0.00001	0.00007	8
75.8	75.6	0.03	75.7	99,610	0.00010	0.00005	0.00001	0.00007	9
74.8	74.6	0.03	74.7	99,602	0.00011	0.00005	0.00002	0.00008	10
73.8	73.7	0.03	73.7	99,594	0.00012	0.00005	0.00002	0.00008	11
72.8	72.7	0.03	72.7	99,586	0.00012	0.00006	0.00002	0.00009	12
71.8	71.7	0.03	71.7	99,577	0.00013	0.00007	0.00001	0.00010	13
70.8	70.7	0.03	70.7	99,568	0.00014	0.00007	0.00002	0.00010	14
69.8	69.7	0.03	69.7	99,557	0.00015	0.00008	0.00002	0.00011	15
68.8	68.7	0.03	68.7	99,546	0.00016	0.00008	0.00002	0.00012	16
67.8	67.7	0.03	67.8	99,534	0.00017	0.00009	0.00002	0.00013	17
66.8	66.7	0.03	66.8	99,521	0.00018	0.00010	0.00002	0.00014	18
65.8	65.7	0.03	65.8	99,508	0.00019	0.00010	0.00002	0.00015	19
64.8	64.7	0.03	64.8	99,493	0.00020	0.00011	0.00002	0.00016	20
63.8	63.7	0.03	63.8	99,477	0.00021	0.00012	0.00002	0.00017	21
62.8	62.8	0.03	62.8	99,461	0.00022	0.00012	0.00002	0.00017	22
61.9	61.8	0.02	61.8	99,444	0.00023	0.00013	0.00002	0.00018	23
60.9	60.8	0.02	60.8	99,425	0.00024	0.00014	0.00003	0.00019	24
59.9	59.8	0.02	59.8	99,407	0.00025	0.00015	0.00003	0.00020	25
58.9	58.8	0.02	58.8	99,387	0.00026	0.00016	0.00003	0.00021	26
57.9	57.8	0.02	57.9	99,366	0.00027	0.00016	0.00003	0.00022	27
56.9	56.8	0.02	56.9	99,345	0.00028	0.00018	0.00003	0.00023	28
55.9	55.8	0.02	55.9	99,322	0.00030	0.00018	0.00003	0.00024	29
54.9	54.9	0.02	54.9	99,298	0.00031	0.00020	0.00003	0.00025	30
54.0	53.9	0.02	53.9	99,273	0.00033	0.00021	0.00003	0.00027	31
53.0	52.9	0.02	52.9	99,246	0.00035	0.00023	0.00003	0.00029	32
52.0	51.9	0.02	51.9	99,217	0.00038	0.00024	0.00004	0.00031	33
51.0	50.9	0.02	51.0	99,186	0.00041	0.00027	0.00003	0.00034	34
50.0	49.9	0.02	50.0	99,152	0.00044	0.00030	0.00003	0.00037	35
49.0	48.9	0.02	49.0	99,116	0.00047	0.00033	0.00004	0.00040	36
48.1	48.0	0.02	48.0	99,076	0.00051	0.00036	0.00004	0.00044	37
47.1	47.0	0.02	47.0	99,033	0.00055	0.00040	0.00004	0.00048	38
46.1	46.0	0.02	46.1	98,986	0.00061	0.00044	0.00004	0.00053	39
45.1	45.0	0.02	45.1	98,934	0.00067	0.00048	0.00005	0.00058	40
44.1	44.1	0.02	44.1	98,877	0.00074	0.00054	0.00005	0.00064	41
43.2	43.1	0.02	43.1	98,814	0.00080	0.00061	0.00005	0.00070	42
42.2	42.1	0.02	42.2	98,744	0.00088	0.00067	0.00005	0.00078	43
41.2	41.2	0.02	41.2	98,667	0.00097	0.00075	0.00006	0.00086	44
40.3	40.2	0.02	40.2	98,582	0.00108	0.00082	0.00007	0.00095	45
39.3	39.2	0.02	39.3	98,489	0.00118	0.00092	0.00007	0.00105	46
38.3	38.3	0.02	38.3	98,385	0.00131	0.00101	0.00008	0.00116	47
37.4	37.3	0.02	37.4	98,271	0.00144	0.00112	0.00008	0.00128	48
36.4	36.4	0.02	36.4	98,145	0.00157	0.00125	0.00008	0.00141	49
35.5	35.4	0.02	35.4	98,006	0.00172	0.00138	0.00009	0.00155	50
34.5	34.5	0.02	34.5	97,854	0.00188	0.00153	0.00009	0.00170	51
33.6	33.5	0.02	33.6	97,688	0.00205	0.00168	0.00010	0.00186	52
32.7	32.6	0.02	32.6	97,506	0.00223	0.00184	0.00010	0.00204	53
31.7	31.7	0.02	31.7	97,307	0.00243	0.00202	0.00010	0.00222	54
30.8	30.7	0.02	30.8	97,091	0.00264	0.00221	0.00011	0.00243	55

TABLE 2. COMPLETE LIFE TABLE OF ISRAEL: TOTAL POPULATION - FEMALES
2014-2018

תוחלת חיים Life expectancy			נשארים בחיים בגיל x Survivors at age x I_x	הסתברות למות Probability of death				גיל Age	
רווח סמך Confidence interval		סט"ית תקן Standard deviation		e_x	רווח סמך Confidence interval		סט"ית תקן Standard deviation		q_x
גבול עליון Upper boundary	גבול תחתון Lower boundary				גבול עליון Upper boundary	גבול תחתון Lower boundary			
29.9	29.8	0.02	29.8	96,855	0.00287	0.00243	0.00011	0.00265	56
28.9	28.9	0.02	28.9	96,599	0.00313	0.00265	0.00012	0.00289	57
28.0	28.0	0.02	28.0	96,320	0.00339	0.00292	0.00012	0.00315	58
27.1	27.0	0.02	27.1	96,016	0.00370	0.00318	0.00013	0.00344	59
26.2	26.1	0.02	26.2	95,686	0.00403	0.00350	0.00013	0.00376	60
25.3	25.2	0.02	25.3	95,325	0.00441	0.00384	0.00015	0.00412	61
24.4	24.3	0.02	24.4	94,932	0.00482	0.00423	0.00015	0.00453	62
23.5	23.4	0.02	23.5	94,503	0.00529	0.00467	0.00016	0.00498	63
22.6	22.6	0.02	22.6	94,032	0.00582	0.00518	0.00016	0.00550	64
21.7	21.7	0.02	21.7	93,515	0.00643	0.00575	0.00017	0.00609	65
20.9	20.8	0.01	20.8	92,945	0.00714	0.00639	0.00019	0.00677	66
20.0	20.0	0.01	20.0	92,317	0.00794	0.00715	0.00020	0.00754	67
19.2	19.1	0.01	19.1	91,620	0.00888	0.00800	0.00022	0.00844	68
18.3	18.3	0.01	18.3	90,847	0.00995	0.00899	0.00024	0.00947	69
17.5	17.4	0.01	17.5	89,987	0.01118	0.01011	0.00027	0.01065	70
16.7	16.6	0.01	16.6	89,029	0.01261	0.01139	0.00031	0.01200	71
15.9	15.8	0.01	15.8	87,960	0.01425	0.01287	0.00035	0.01356	72
15.1	15.0	0.01	15.1	86,767	0.01611	0.01457	0.00039	0.01534	73
14.3	14.3	0.01	14.3	85,436	0.01822	0.01656	0.00042	0.01739	74
13.5	13.5	0.01	13.5	83,951	0.02061	0.01885	0.00045	0.01973	75
12.8	12.8	0.01	12.8	82,294	0.02336	0.02145	0.00049	0.02241	76
12.1	12.0	0.01	12.1	80,451	0.02646	0.02447	0.00051	0.02546	77
11.4	11.3	0.01	11.4	78,402	0.03004	0.02786	0.00056	0.02895	78
10.7	10.7	0.01	10.7	76,132	0.03411	0.03172	0.00061	0.03292	79
10.1	10.0	0.01	10.0	73,626	0.03871	0.03613	0.00066	0.03742	80
9.4	9.4	0.01	9.4	70,871	0.04394	0.04110	0.00073	0.04252	81
8.8	8.8	0.01	8.8	67,858	0.04984	0.04672	0.00080	0.04828	82
8.2	8.2	0.01	8.2	64,582	0.05645	0.05308	0.00086	0.05477	83
7.7	7.7	0.01	7.7	61,045	0.06391	0.06018	0.00095	0.06205	84
7.2	7.1	0.01	7.1	57,257	0.07224	0.06813	0.00105	0.07019	85
6.7	6.6	0.01	6.6	53,238	0.08147	0.07702	0.00114	0.07925	86
6.2	6.2	0.01	6.2	49,019	0.09175	0.08683	0.00126	0.08929	87
5.8	5.7	0.01	5.7	44,642	0.10310	0.09763	0.00139	0.10037	88
5.3	5.3	0.01	5.3	40,162	0.11557	0.10947	0.00155	0.11252	89
5.0	4.9	0.01	4.9	35,643	0.12926	0.12229	0.00178	0.12578	90
4.6	4.5	0.01	4.6	31,160	0.14406	0.13624	0.00199	0.14015	91
4.3	4.2	0.01	4.2	26,793	0.16006	0.15123	0.00225	0.15565	92
3.9	3.9	0.01	3.9	22,622	0.17730	0.16724	0.00257	0.17227	93
3.7	3.6	0.01	3.6	18,725	0.19578	0.18421	0.00295	0.18999	94
3.4	3.3	0.01	3.4	15,168	0.21550	0.20206	0.00343	0.20878	95
3.2	3.1	0.02	3.1	12,001	0.23647	0.22066	0.00403	0.22857	96
2.9	2.9	0.02	2.9	9,258	0.25870	0.23984	0.00481	0.24927	97
2.7	2.7	0.02	2.7	6,950	0.28219	0.25933	0.00583	0.27076	98
2.6	2.5	0.02	2.5	5,068	0.30702	0.27881	0.00719	0.29292	99
2.4	2.3	0.03	2.3	3,584	0.33330	0.29782	0.00905	0.31556	100
2.2	2.1	0.03	2.2	2,453	0.36131	0.31568	0.01164	0.33849	101
2.1	2.0	0.04	2.0	1,623	0.39157	0.33144	0.01534	0.36150	102
2.0	1.8	0.04	1.9	1,036	0.42501	0.34366	0.02075	0.38434	103
1.9	1.7	0.05	1.8	638	0.46335	0.35010	0.02889	0.40673	104
1.9	1.6	0.07	1.7	378	0.50974	0.34704	0.04150	0.42839	105
1.8	1.5	0.09	1.6	216	0.56990	0.32816	0.06167	0.44903	106
1.8	1.3	0.11	1.6	119	0.65455	0.28212	0.09501	0.46834	107
1.8	1.2	0.15	1.5	63	0.78420	0.18783	0.15214	0.48601	108
1.9	1.0	0.21	1.4	33	0.99927	0.00000	0.25383	0.50175	109
			1.4	16				1.00000	110+

לוח 3. לוח תמותה שלם של ישראל: יהודים ואחרים - זכרים
2014-2018

תוחלת חיים Life expectancy				נשארים בחיים בגיל x Survivors at age x I_x	הסתברות למות Probability of death				גיל Age
רווח סמך Confidence interval		סטיית תקן Standard deviation	e_x		רווח סמך Confidence interval		סטיית תקן Standard deviation	q_x	
גבול עליון Upper boundary	גבול תחתון Lower boundary				גבול עליון Upper boundary	גבול תחתון Lower boundary			
81.2	81.1	0.03	81.1	100,000	0.00261	0.00229	0.00008	0.00245	0
80.4	80.3	0.03	80.3	99,755	0.00021	0.00014	0.00002	0.00017	1
79.4	79.3	0.03	79.3	99,738	0.00018	0.00009	0.00002	0.00013	2
78.4	78.3	0.03	78.4	99,724	0.00014	0.00007	0.00002	0.00011	3
77.4	77.3	0.03	77.4	99,714	0.00012	0.00006	0.00002	0.00009	4
76.4	76.3	0.03	76.4	99,705	0.00011	0.00004	0.00002	0.00007	5
75.4	75.3	0.03	75.4	99,698	0.00009	0.00004	0.00001	0.00007	6
74.4	74.3	0.03	74.4	99,691	0.00009	0.00004	0.00001	0.00006	7
73.4	73.3	0.03	73.4	99,685	0.00008	0.00004	0.00001	0.00006	8
72.4	72.3	0.03	72.4	99,679	0.00009	0.00003	0.00001	0.00006	9
71.4	71.3	0.03	71.4	99,673	0.00010	0.00003	0.00002	0.00007	10
70.4	70.3	0.03	70.4	99,666	0.00011	0.00004	0.00002	0.00008	11
69.5	69.3	0.03	69.4	99,658	0.00012	0.00006	0.00002	0.00009	12
68.5	68.4	0.03	68.4	99,650	0.00015	0.00007	0.00002	0.00011	13
67.5	67.4	0.03	67.4	99,639	0.00018	0.00008	0.00003	0.00013	14
66.5	66.4	0.03	66.4	99,625	0.00022	0.00012	0.00003	0.00017	15
65.5	65.4	0.03	65.4	99,609	0.00027	0.00014	0.00003	0.00020	16
64.5	64.4	0.03	64.4	99,589	0.00032	0.00018	0.00004	0.00025	17
63.5	63.4	0.03	63.5	99,564	0.00035	0.00024	0.00003	0.00029	18
62.5	62.4	0.03	62.5	99,535	0.00040	0.00027	0.00003	0.00034	19
61.6	61.5	0.02	61.5	99,501	0.00045	0.00031	0.00004	0.00038	20
60.6	60.5	0.02	60.5	99,463	0.00049	0.00033	0.00004	0.00041	21
59.6	59.5	0.02	59.5	99,423	0.00052	0.00035	0.00005	0.00043	22
58.6	58.5	0.02	58.6	99,379	0.00054	0.00036	0.00004	0.00045	23
57.6	57.6	0.02	57.6	99,335	0.00056	0.00036	0.00005	0.00046	24
56.7	56.6	0.02	56.6	99,289	0.00056	0.00038	0.00005	0.00047	25
55.7	55.6	0.02	55.7	99,242	0.00056	0.00038	0.00005	0.00047	26
54.7	54.6	0.02	54.7	99,195	0.00056	0.00038	0.00005	0.00047	27
53.8	53.7	0.02	53.7	99,149	0.00056	0.00038	0.00004	0.00047	28
52.8	52.7	0.02	52.7	99,102	0.00056	0.00038	0.00005	0.00047	29
51.8	51.7	0.02	51.8	99,055	0.00057	0.00039	0.00005	0.00048	30
50.8	50.7	0.02	50.8	99,008	0.00058	0.00040	0.00005	0.00049	31
49.8	49.8	0.02	49.8	98,959	0.00059	0.00042	0.00004	0.00051	32
48.9	48.8	0.02	48.8	98,909	0.00061	0.00045	0.00004	0.00053	33
47.9	47.8	0.02	47.9	98,856	0.00065	0.00047	0.00005	0.00056	34
46.9	46.8	0.02	46.9	98,801	0.00070	0.00049	0.00005	0.00059	35
46.0	45.9	0.02	45.9	98,742	0.00074	0.00054	0.00005	0.00064	36
45.0	44.9	0.02	44.9	98,680	0.00080	0.00057	0.00006	0.00069	37
44.0	43.9	0.02	44.0	98,612	0.00087	0.00062	0.00006	0.00075	38
43.0	43.0	0.02	43.0	98,538	0.00094	0.00069	0.00006	0.00082	39
42.1	42.0	0.02	42.0	98,457	0.00102	0.00078	0.00006	0.00090	40
41.1	41.0	0.02	41.1	98,369	0.00112	0.00086	0.00007	0.00099	41
40.2	40.1	0.02	40.1	98,271	0.00124	0.00096	0.00007	0.00110	42
39.2	39.1	0.02	39.2	98,163	0.00138	0.00106	0.00008	0.00122	43
38.2	38.2	0.02	38.2	98,044	0.00152	0.00119	0.00008	0.00136	44
37.3	37.2	0.02	37.3	97,911	0.00169	0.00133	0.00009	0.00151	45
36.3	36.3	0.02	36.3	97,763	0.00187	0.00149	0.00010	0.00168	46
35.4	35.3	0.02	35.4	97,599	0.00207	0.00168	0.00010	0.00187	47
34.5	34.4	0.02	34.4	97,416	0.00232	0.00186	0.00012	0.00209	48
33.5	33.5	0.02	33.5	97,213	0.00256	0.00208	0.00012	0.00232	49
32.6	32.5	0.02	32.6	96,987	0.00283	0.00231	0.00013	0.00257	50
31.7	31.6	0.02	31.7	96,738	0.00309	0.00260	0.00013	0.00284	51
30.8	30.7	0.02	30.8	96,462	0.00341	0.00286	0.00014	0.00314	52
29.9	29.8	0.02	29.9	96,160	0.00373	0.00318	0.00014	0.00345	53
29.0	28.9	0.02	29.0	95,828	0.00408	0.00350	0.00015	0.00379	54
28.1	28.0	0.02	28.1	95,465	0.00445	0.00385	0.00015	0.00415	55

TABLE 3. COMPLETE LIFE TABLE OF ISRAEL: JEWS AND OTHERS - MALES
2014-2018

תוחלת חיים Life expectancy				נשארים בחיים בגיל x Survivors at age x I_x	הסתברות למות Probability of death				גיל Age
רווח סמך Confidence interval		סטיית תקן Standard deviation	e_x		רווח סמך Confidence interval		סטיית תקן Standard deviation	q_x	
גבול עליון Upper boundary	גבול תחתון Lower boundary				גבול עליון Upper boundary	גבול תחתון Lower boundary			
27.2	27.1	0.02	27.2	95,069	0.00487	0.00422	0.00017	0.00455	56
26.3	26.3	0.02	26.3	94,637	0.00532	0.00462	0.00018	0.00497	57
25.5	25.4	0.02	25.4	94,166	0.00580	0.00507	0.00019	0.00543	58
24.6	24.5	0.02	24.6	93,654	0.00632	0.00556	0.00020	0.00594	59
23.7	23.7	0.02	23.7	93,098	0.00689	0.00610	0.00020	0.00649	60
22.9	22.8	0.02	22.9	92,494	0.00752	0.00668	0.00021	0.00710	61
22.0	22.0	0.02	22.0	91,837	0.00819	0.00735	0.00022	0.00777	62
21.2	21.2	0.02	21.2	91,123	0.00896	0.00807	0.00023	0.00851	63
20.4	20.3	0.02	20.4	90,348	0.00983	0.00886	0.00025	0.00935	64
19.6	19.5	0.01	19.6	89,503	0.01078	0.00978	0.00026	0.01028	65
18.8	18.7	0.01	18.7	88,583	0.01187	0.01078	0.00028	0.01133	66
18.0	17.9	0.01	18.0	87,580	0.01307	0.01195	0.00029	0.01251	67
17.2	17.2	0.01	17.2	86,485	0.01446	0.01322	0.00031	0.01384	68
16.4	16.4	0.01	16.4	85,288	0.01602	0.01466	0.00035	0.01534	69
15.7	15.6	0.01	15.7	83,979	0.01777	0.01628	0.00038	0.01703	70
15.0	14.9	0.01	14.9	82,549	0.01979	0.01807	0.00044	0.01893	71
14.2	14.2	0.01	14.2	80,987	0.02204	0.02009	0.00050	0.02106	72
13.5	13.5	0.01	13.5	79,281	0.02456	0.02236	0.00056	0.02346	73
12.8	12.8	0.01	12.8	77,421	0.02735	0.02495	0.00061	0.02615	74
12.2	12.1	0.01	12.1	75,397	0.03042	0.02791	0.00064	0.02916	75
11.5	11.5	0.01	11.5	73,198	0.03388	0.03120	0.00068	0.03254	76
10.9	10.8	0.01	10.9	70,816	0.03772	0.03490	0.00072	0.03631	77
10.3	10.2	0.01	10.3	68,245	0.04203	0.03899	0.00078	0.04051	78
9.7	9.6	0.01	9.7	65,480	0.04682	0.04356	0.00083	0.04519	79
9.1	9.1	0.01	9.1	62,521	0.05219	0.04861	0.00091	0.05040	80
8.6	8.5	0.01	8.6	59,370	0.05812	0.05420	0.00100	0.05616	81
8.1	8.0	0.01	8.0	56,036	0.06470	0.06038	0.00110	0.06254	82
7.6	7.5	0.01	7.5	52,531	0.07193	0.06722	0.00120	0.06957	83
7.1	7.0	0.01	7.1	48,877	0.07993	0.07467	0.00134	0.07730	84
6.6	6.6	0.01	6.6	45,098	0.08861	0.08294	0.00145	0.08578	85
6.2	6.2	0.01	6.2	41,230	0.09819	0.09186	0.00161	0.09503	86
5.8	5.8	0.01	5.8	37,312	0.10849	0.10169	0.00173	0.10509	87
5.4	5.4	0.01	5.4	33,391	0.11982	0.11217	0.00195	0.11599	88
5.1	5.0	0.01	5.0	29,518	0.13209	0.12341	0.00221	0.12775	89
4.7	4.7	0.01	4.7	25,747	0.14539	0.13536	0.00256	0.14037	90
4.4	4.4	0.01	4.4	22,133	0.15949	0.14822	0.00288	0.15386	91
4.1	4.1	0.01	4.1	18,727	0.17458	0.16181	0.00326	0.16819	92
3.9	3.8	0.02	3.8	15,578	0.19066	0.17608	0.00372	0.18337	93
3.6	3.5	0.02	3.6	12,721	0.20776	0.19096	0.00428	0.19936	94
3.4	3.3	0.02	3.3	10,185	0.22591	0.20635	0.00499	0.21613	95
3.2	3.1	0.02	3.1	7,984	0.24514	0.22210	0.00588	0.23362	96
3.0	2.9	0.02	2.9	6,119	0.26550	0.23803	0.00701	0.25176	97
2.8	2.7	0.02	2.7	4,578	0.28710	0.25385	0.00848	0.27048	98
2.6	2.5	0.03	2.6	3,340	0.31009	0.26923	0.01042	0.28966	99
2.5	2.4	0.03	2.4	2,372	0.33473	0.28364	0.01303	0.30919	100
2.4	2.2	0.04	2.3	1,639	0.36147	0.29639	0.01660	0.32893	101
2.2	2.1	0.04	2.2	1,100	0.39105	0.30643	0.02159	0.34874	102
2.1	1.9	0.05	2.0	716	0.42468	0.31220	0.02870	0.36844	103
2.1	1.8	0.07	1.9	452	0.46444	0.31129	0.03907	0.38786	104
2.0	1.7	0.08	1.8	277	0.51379	0.29984	0.05458	0.40681	105
2.0	1.5	0.10	1.8	164	0.57870	0.27148	0.07837	0.42509	106
1.9	1.4	0.13	1.7	94	0.66965	0.21533	0.11590	0.44249	107
1.9	1.3	0.17	1.6	53	0.80540	0.11221	0.17683	0.45880	108
2.0	1.1	0.23	1.5	28	1.00000	0.00000	0.27889	0.47382	109
			1.5	15				1.00000	110+

לוח 4. לוח תמותה של ישראל: יהודים ואחרים - נקבות

2014-2018

תוחלת חיים Life expectancy			נשארים בגיל x Survivors at age x I_x	הסתברות למות Probability of death			גיל Age		
רווח סמך Confidence interval		סטיית תקן Standard deviation		e_x	רווח סמך Confidence interval			סטיית תקן Standard deviation	q_x
גבול עליון Upper boundary	גבול תחתון Lower boundary				גבול עליון Upper boundary	גבול תחתון Lower boundary			
84.8	84.7	0.03	84.8	100,000	0.00229	0.00198	0.00008	0.00214	0
84.0	83.9	0.03	84.0	99,786	0.00019	0.00011	0.00002	0.00015	1
83.0	82.9	0.03	83.0	99,771	0.00013	0.00006	0.00002	0.00010	2
82.0	81.9	0.03	82.0	99,762	0.00010	0.00004	0.00002	0.00007	3
81.0	80.9	0.03	81.0	99,755	0.00008	0.00003	0.00001	0.00005	4
80.0	79.9	0.03	80.0	99,749	0.00007	0.00002	0.00001	0.00005	5
79.0	78.9	0.03	79.0	99,745	0.00007	0.00002	0.00001	0.00004	6
78.1	77.9	0.03	78.0	99,741	0.00007	0.00002	0.00001	0.00004	7
77.1	76.9	0.03	77.0	99,736	0.00007	0.00002	0.00001	0.00004	8
76.1	75.9	0.03	76.0	99,732	0.00007	0.00002	0.00001	0.00005	9
75.1	75.0	0.03	75.0	99,727	0.00008	0.00002	0.00001	0.00005	10
74.1	74.0	0.03	74.0	99,722	0.00009	0.00003	0.00002	0.00006	11
73.1	73.0	0.03	73.0	99,716	0.00010	0.00003	0.00002	0.00006	12
72.1	72.0	0.03	72.0	99,710	0.00010	0.00004	0.00002	0.00007	13
71.1	71.0	0.03	71.0	99,703	0.00011	0.00005	0.00002	0.00008	14
70.1	70.0	0.03	70.0	99,695	0.00012	0.00005	0.00002	0.00009	15
69.1	69.0	0.03	69.0	99,686	0.00015	0.00005	0.00003	0.00010	16
68.1	68.0	0.03	68.0	99,676	0.00015	0.00007	0.00002	0.00011	17
67.1	67.0	0.03	67.1	99,665	0.00016	0.00008	0.00002	0.00012	18
66.1	66.0	0.03	66.1	99,653	0.00018	0.00008	0.00003	0.00013	19
65.1	65.0	0.03	65.1	99,640	0.00019	0.00010	0.00002	0.00014	20
64.1	64.0	0.03	64.1	99,625	0.00020	0.00010	0.00003	0.00015	21
63.1	63.0	0.03	63.1	99,610	0.00021	0.00011	0.00003	0.00016	22
62.1	62.0	0.02	62.1	99,594	0.00023	0.00011	0.00003	0.00017	23
61.2	61.1	0.02	61.1	99,577	0.00024	0.00012	0.00003	0.00018	24
60.2	60.1	0.02	60.1	99,559	0.00025	0.00013	0.00003	0.00019	25
59.2	59.1	0.02	59.1	99,541	0.00026	0.00013	0.00003	0.00019	26
58.2	58.1	0.02	58.1	99,522	0.00026	0.00014	0.00003	0.00020	27
57.2	57.1	0.02	57.2	99,502	0.00027	0.00015	0.00003	0.00021	28
56.2	56.1	0.02	56.2	99,481	0.00028	0.00016	0.00003	0.00022	29
55.2	55.1	0.02	55.2	99,459	0.00029	0.00017	0.00003	0.00023	30
54.2	54.1	0.02	54.2	99,435	0.00031	0.00018	0.00003	0.00025	31
53.2	53.2	0.02	53.2	99,411	0.00032	0.00021	0.00003	0.00026	32
52.3	52.2	0.02	52.2	99,384	0.00036	0.00021	0.00004	0.00028	33
51.3	51.2	0.02	51.2	99,356	0.00038	0.00024	0.00004	0.00031	34
50.3	50.2	0.02	50.2	99,325	0.00041	0.00026	0.00004	0.00034	35
49.3	49.2	0.02	49.3	99,292	0.00045	0.00029	0.00004	0.00037	36
48.3	48.2	0.02	48.3	99,256	0.00048	0.00032	0.00004	0.00040	37
47.3	47.3	0.02	47.3	99,216	0.00052	0.00036	0.00004	0.00044	38
46.4	46.3	0.02	46.3	99,172	0.00058	0.00040	0.00004	0.00049	39
45.4	45.3	0.02	45.3	99,123	0.00065	0.00044	0.00005	0.00054	40
44.4	44.3	0.02	44.4	99,069	0.00071	0.00050	0.00005	0.00060	41
43.4	43.4	0.02	43.4	99,010	0.00077	0.00057	0.00005	0.00067	42
42.5	42.4	0.02	42.4	98,944	0.00086	0.00063	0.00006	0.00074	43
41.5	41.4	0.02	41.5	98,870	0.00095	0.00071	0.00006	0.00083	44
40.5	40.4	0.02	40.5	98,788	0.00106	0.00078	0.00007	0.00092	45
39.6	39.5	0.02	39.5	98,697	0.00116	0.00088	0.00007	0.00102	46
38.6	38.5	0.02	38.6	98,596	0.00130	0.00097	0.00008	0.00113	47
37.6	37.6	0.02	37.6	98,485	0.00143	0.00108	0.00009	0.00126	48
36.7	36.6	0.02	36.7	98,361	0.00157	0.00121	0.00009	0.00139	49
35.7	35.7	0.02	35.7	98,224	0.00171	0.00134	0.00009	0.00153	50
34.8	34.7	0.02	34.8	98,074	0.00188	0.00148	0.00010	0.00168	51
33.9	33.8	0.02	33.8	97,910	0.00204	0.00163	0.00011	0.00184	52
32.9	32.8	0.02	32.9	97,730	0.00222	0.00179	0.00011	0.00201	53
32.0	31.9	0.02	31.9	97,534	0.00241	0.00196	0.00011	0.00219	54
31.0	31.0	0.02	31.0	97,321	0.00261	0.00215	0.00012	0.00238	55

TABLE 4. COMPLETE LIFE TABLE OF ISRAEL: JEWS AND OTHERS - FEMALES

2014-2018									
תוחלת חיים Life expectancy				נשארים בגיל x Survivors at age x I_x	הסתברות למות Probability of death				גיל Age
רווח סמך Confidence interval		סטיית תקן Standard deviation	e_x		רווח סמך Confidence interval		סטיית תקן Standard deviation	q_x	
גבול עליון Upper boundary	גבול תחתון Lower boundary				גבול עליון Upper boundary	גבול תחתון Lower boundary			
30.1	30.1	0.02	30.1	97,089	0.00282	0.00235	0.00012	0.00259	56
29.2	29.1	0.02	29.2	96,838	0.00306	0.00256	0.00013	0.00281	57
28.3	28.2	0.02	28.2	96,566	0.00330	0.00281	0.00013	0.00305	58
27.4	27.3	0.02	27.3	96,271	0.00360	0.00305	0.00014	0.00332	59
26.4	26.4	0.02	26.4	95,951	0.00389	0.00334	0.00014	0.00362	60
25.5	25.5	0.02	25.5	95,604	0.00425	0.00365	0.00015	0.00395	61
24.6	24.6	0.02	24.6	95,227	0.00462	0.00401	0.00015	0.00432	62
23.7	23.7	0.02	23.7	94,816	0.00505	0.00441	0.00016	0.00473	63
22.9	22.8	0.02	22.8	94,367	0.00553	0.00488	0.00017	0.00521	64
22.0	21.9	0.02	21.9	93,876	0.00609	0.00540	0.00018	0.00575	65
21.1	21.0	0.02	21.1	93,336	0.00675	0.00600	0.00019	0.00637	66
20.2	20.2	0.01	20.2	92,741	0.00749	0.00671	0.00020	0.00710	67
19.4	19.3	0.01	19.3	92,083	0.00837	0.00749	0.00022	0.00793	68
18.5	18.5	0.01	18.5	91,353	0.00938	0.00841	0.00025	0.00890	69
17.7	17.6	0.01	17.7	90,540	0.01055	0.00946	0.00028	0.01001	70
16.9	16.8	0.01	16.8	89,634	0.01191	0.01066	0.00032	0.01129	71
16.0	16.0	0.01	16.0	88,622	0.01349	0.01204	0.00037	0.01277	72
15.2	15.2	0.01	15.2	87,491	0.01528	0.01366	0.00041	0.01447	73
14.5	14.4	0.01	14.4	86,225	0.01729	0.01556	0.00044	0.01643	74
13.7	13.6	0.01	13.7	84,809	0.01959	0.01777	0.00046	0.01868	75
12.9	12.9	0.01	12.9	83,225	0.02226	0.02029	0.00050	0.02127	76
12.2	12.2	0.01	12.2	81,454	0.02526	0.02323	0.00052	0.02424	77
11.5	11.4	0.01	11.5	79,480	0.02876	0.02653	0.00057	0.02764	78
10.8	10.8	0.01	10.8	77,283	0.03275	0.03032	0.00062	0.03154	79
10.1	10.1	0.01	10.1	74,845	0.03728	0.03467	0.00067	0.03597	80
9.5	9.5	0.01	9.5	72,153	0.04247	0.03957	0.00074	0.04102	81
8.9	8.8	0.01	8.9	69,193	0.04833	0.04517	0.00081	0.04675	82
8.3	8.2	0.01	8.3	65,958	0.05494	0.05152	0.00087	0.05323	83
7.7	7.7	0.01	7.7	62,447	0.06243	0.05863	0.00097	0.06053	84
7.2	7.1	0.01	7.2	58,667	0.07081	0.06664	0.00106	0.06872	85
6.7	6.6	0.01	6.7	54,635	0.08015	0.07561	0.00116	0.07788	86
6.2	6.2	0.01	6.2	50,380	0.09057	0.08556	0.00128	0.08807	87
5.8	5.7	0.01	5.7	45,944	0.10210	0.09656	0.00141	0.09933	88
5.3	5.3	0.01	5.3	41,380	0.11483	0.10863	0.00158	0.11173	89
4.9	4.9	0.01	4.9	36,757	0.12882	0.12174	0.00181	0.12528	90
4.6	4.5	0.01	4.5	32,152	0.14397	0.13602	0.00203	0.13999	91
4.2	4.2	0.01	4.2	27,651	0.16039	0.15139	0.00230	0.15589	92
3.9	3.9	0.01	3.9	23,340	0.17809	0.16782	0.00262	0.17295	93
3.6	3.6	0.01	3.6	19,304	0.19708	0.18526	0.00301	0.19117	94
3.4	3.3	0.01	3.3	15,613	0.21736	0.20361	0.00351	0.21049	95
3.1	3.1	0.02	3.1	12,327	0.23895	0.22273	0.00414	0.23084	96
2.9	2.8	0.02	2.9	9,481	0.26183	0.24244	0.00495	0.25213	97
2.7	2.6	0.02	2.7	7,091	0.28603	0.26246	0.00601	0.27424	98
2.5	2.4	0.02	2.5	5,146	0.31161	0.28242	0.00745	0.29702	99
2.4	2.3	0.03	2.3	3,618	0.33871	0.30183	0.00941	0.32027	100
2.2	2.1	0.03	2.1	2,459	0.36764	0.31995	0.01217	0.34379	101
2.1	1.9	0.04	2.0	1,614	0.39896	0.33573	0.01613	0.36735	102
2.0	1.8	0.04	1.9	1,021	0.43376	0.34759	0.02198	0.39067	103
1.9	1.7	0.05	1.8	622	0.47401	0.35296	0.03088	0.41348	104
1.8	1.6	0.07	1.7	365	0.52331	0.34764	0.04481	0.43547	105
1.8	1.4	0.09	1.6	206	0.58839	0.32428	0.06737	0.45633	106
1.8	1.3	0.12	1.5	112	0.68193	0.26955	0.10520	0.47574	107
1.8	1.2	0.16	1.5	59	0.82861	0.15815	0.17103	0.49338	108
1.8	1.0	0.22	1.4	30	1.00000	0.00000	0.29027	0.50894	109
			1.4	15			0.51550	1.00000	110+

לוח 5. לוח תמותה שלם של ישראל: יהודים - זכרים

2014-2018

תוחלת חיים Life expectancy				נשארים בחיים בגיל x Survivors at age x I_x	הסתברות למות Probability of death				גיל Age
רווח סמך Confidence interval		סטיית תקן Standard deviation	e_x		רווח סמך Confidence interval		סטיית תקן Standard deviation	q_x	
גבול עליון Upper boundary	גבול תחתון Lower boundary				גבול עליון Upper boundary	גבול תחתון Lower boundary			
81.4	81.3	0.03	81.3	100,000	0.00264	0.00230	0.00008	0.00247	0
80.6	80.5	0.03	80.5	99,753	0.00022	0.00014	0.00002	0.00018	1
79.6	79.5	0.03	79.5	99,735	0.00018	0.00009	0.00002	0.00013	2
78.6	78.5	0.03	78.6	99,722	0.00014	0.00007	0.00002	0.00010	3
77.6	77.5	0.03	77.6	99,711	0.00012	0.00005	0.00002	0.00008	4
76.6	76.5	0.03	76.6	99,703	0.00011	0.00004	0.00002	0.00007	5
75.6	75.5	0.03	75.6	99,696	0.00009	0.00004	0.00001	0.00006	6
74.6	74.5	0.03	74.6	99,689	0.00009	0.00003	0.00001	0.00006	7
73.6	73.5	0.03	73.6	99,683	0.00008	0.00004	0.00001	0.00006	8
72.6	72.5	0.03	72.6	99,678	0.00009	0.00003	0.00001	0.00006	9
71.6	71.5	0.03	71.6	99,672	0.00010	0.00003	0.00002	0.00007	10
70.7	70.5	0.03	70.6	99,665	0.00011	0.00004	0.00002	0.00007	11
69.7	69.6	0.03	69.6	99,658	0.00012	0.00006	0.00002	0.00009	12
68.7	68.6	0.03	68.6	99,649	0.00015	0.00007	0.00002	0.00011	13
67.7	67.6	0.03	67.6	99,638	0.00018	0.00008	0.00003	0.00013	14
66.7	66.6	0.03	66.6	99,625	0.00022	0.00011	0.00003	0.00017	15
65.7	65.6	0.03	65.6	99,608	0.00027	0.00014	0.00003	0.00020	16
64.7	64.6	0.03	64.7	99,588	0.00032	0.00017	0.00004	0.00025	17
63.7	63.6	0.03	63.7	99,563	0.00036	0.00023	0.00003	0.00030	18
62.7	62.6	0.03	62.7	99,534	0.00040	0.00027	0.00003	0.00034	19
61.8	61.7	0.02	61.7	99,500	0.00045	0.00030	0.00004	0.00038	20
60.8	60.7	0.02	60.7	99,463	0.00049	0.00032	0.00004	0.00040	21
59.8	59.7	0.02	59.8	99,422	0.00052	0.00034	0.00005	0.00043	22
58.8	58.7	0.02	58.8	99,380	0.00053	0.00035	0.00005	0.00044	23
57.9	57.8	0.02	57.8	99,336	0.00055	0.00034	0.00005	0.00045	24
56.9	56.8	0.02	56.8	99,292	0.00054	0.00036	0.00005	0.00045	25
55.9	55.8	0.02	55.9	99,248	0.00053	0.00036	0.00004	0.00044	26
54.9	54.8	0.02	54.9	99,204	0.00053	0.00035	0.00005	0.00044	27
54.0	53.9	0.02	53.9	99,160	0.00052	0.00035	0.00004	0.00044	28
53.0	52.9	0.02	52.9	99,117	0.00052	0.00035	0.00004	0.00044	29
52.0	51.9	0.02	52.0	99,074	0.00053	0.00035	0.00005	0.00044	30
51.0	50.9	0.02	51.0	99,030	0.00053	0.00036	0.00005	0.00044	31
50.0	50.0	0.02	50.0	98,986	0.00054	0.00037	0.00004	0.00046	32
49.1	49.0	0.02	49.0	98,941	0.00056	0.00039	0.00004	0.00048	33
48.1	48.0	0.02	48.0	98,894	0.00059	0.00041	0.00005	0.00050	34
47.1	47.0	0.02	47.1	98,844	0.00063	0.00043	0.00005	0.00053	35
46.1	46.0	0.02	46.1	98,792	0.00067	0.00047	0.00005	0.00057	36
45.2	45.1	0.02	45.1	98,736	0.00073	0.00050	0.00006	0.00061	37
44.2	44.1	0.02	44.1	98,675	0.00079	0.00055	0.00006	0.00067	38
43.2	43.1	0.02	43.2	98,609	0.00085	0.00061	0.00006	0.00073	39
42.2	42.2	0.02	42.2	98,537	0.00092	0.00069	0.00006	0.00080	40
41.3	41.2	0.02	41.2	98,458	0.00102	0.00076	0.00007	0.00089	41
40.3	40.2	0.02	40.3	98,371	0.00113	0.00085	0.00007	0.00099	42
39.4	39.3	0.02	39.3	98,273	0.00125	0.00095	0.00008	0.00110	43
38.4	38.3	0.02	38.4	98,165	0.00139	0.00107	0.00008	0.00123	44
37.4	37.4	0.02	37.4	98,045	0.00155	0.00119	0.00009	0.00137	45
36.5	36.4	0.02	36.5	97,911	0.00172	0.00135	0.00009	0.00153	46
35.5	35.5	0.02	35.5	97,760	0.00191	0.00152	0.00010	0.00172	47
34.6	34.5	0.02	34.6	97,592	0.00215	0.00169	0.00012	0.00192	48
33.7	33.6	0.02	33.6	97,405	0.00238	0.00191	0.00012	0.00214	49
32.7	32.7	0.02	32.7	97,196	0.00264	0.00213	0.00013	0.00239	50
31.8	31.7	0.02	31.8	96,964	0.00290	0.00241	0.00013	0.00265	51
30.9	30.8	0.02	30.9	96,706	0.00322	0.00266	0.00014	0.00294	52
30.0	29.9	0.02	30.0	96,422	0.00352	0.00297	0.00014	0.00325	53
29.1	29.0	0.02	29.1	96,109	0.00387	0.00329	0.00015	0.00358	54
28.2	28.1	0.02	28.2	95,765	0.00424	0.00364	0.00015	0.00394	55

TABLE 5. COMPLETE LIFE TABLE OF ISRAEL: JEWS - MALES
2014-2018

תוחלת חיים Life expectancy				נשארים בחיים בגיל x Survivors at age x I_x	הסתברות למות Probability of death				גיל Age
רווח סמך Confidence interval		סטיית תקן Standard deviation	e_x		רווח סמך Confidence interval		סטיית תקן Standard deviation	q_x	
גבול עליון Upper boundary	גבול תחתון Lower boundary				גבול עליון Upper boundary	גבול תחתון Lower boundary			
27.3	27.2	0.02	27.3	95,388	0.00466	0.00400	0.00017	0.00433	56
26.4	26.3	0.02	26.4	94,975	0.00510	0.00440	0.00018	0.00475	57
25.5	25.5	0.02	25.5	94,524	0.00558	0.00485	0.00019	0.00521	58
24.7	24.6	0.02	24.6	94,031	0.00610	0.00533	0.00020	0.00572	59
23.8	23.7	0.02	23.8	93,494	0.00666	0.00587	0.00020	0.00627	60
22.9	22.9	0.02	22.9	92,907	0.00730	0.00646	0.00021	0.00688	61
22.1	22.0	0.02	22.1	92,269	0.00797	0.00712	0.00022	0.00755	62
21.3	21.2	0.02	21.2	91,572	0.00875	0.00784	0.00023	0.00830	63
20.4	20.4	0.01	20.4	90,812	0.00961	0.00864	0.00025	0.00913	64
19.6	19.6	0.01	19.6	89,984	0.01057	0.00955	0.00026	0.01006	65
18.8	18.8	0.01	18.8	89,078	0.01166	0.01056	0.00028	0.01111	66
18.0	18.0	0.01	18.0	88,088	0.01287	0.01172	0.00029	0.01230	67
17.2	17.2	0.01	17.2	87,005	0.01425	0.01301	0.00032	0.01363	68
16.5	16.4	0.01	16.4	85,819	0.01583	0.01444	0.00036	0.01513	69
15.7	15.7	0.01	15.7	84,521	0.01758	0.01606	0.00039	0.01682	70
15.0	14.9	0.01	14.9	83,099	0.01959	0.01785	0.00044	0.01872	71
14.2	14.2	0.01	14.2	81,543	0.02184	0.01987	0.00050	0.02086	72
13.5	13.5	0.01	13.5	79,842	0.02438	0.02214	0.00057	0.02326	73
12.9	12.8	0.01	12.8	77,985	0.02717	0.02473	0.00062	0.02595	74
12.2	12.1	0.01	12.2	75,962	0.03024	0.02768	0.00065	0.02896	75
11.5	11.5	0.01	11.5	73,762	0.03370	0.03097	0.00070	0.03234	76
10.9	10.8	0.01	10.9	71,376	0.03754	0.03467	0.00073	0.03611	77
10.3	10.2	0.01	10.3	68,799	0.04186	0.03876	0.00079	0.04031	78
9.7	9.6	0.01	9.7	66,026	0.04665	0.04333	0.00085	0.04499	79
9.1	9.1	0.01	9.1	63,055	0.05201	0.04838	0.00093	0.05019	80
8.6	8.5	0.01	8.6	59,890	0.05795	0.05397	0.00101	0.05596	81
8.1	8.0	0.01	8.0	56,539	0.06452	0.06016	0.00111	0.06234	82
7.6	7.5	0.01	7.5	53,014	0.07175	0.06700	0.00121	0.06938	83
7.1	7.0	0.01	7.1	49,336	0.07976	0.07447	0.00135	0.07712	84
6.6	6.6	0.01	6.6	45,532	0.08846	0.08274	0.00146	0.08560	85
6.2	6.2	0.01	6.2	41,634	0.09805	0.09169	0.00162	0.09487	86
5.8	5.7	0.01	5.8	37,684	0.10840	0.10154	0.00175	0.10497	87
5.4	5.4	0.01	5.4	33,729	0.11977	0.11206	0.00197	0.11591	88
5.1	5.0	0.01	5.0	29,819	0.13210	0.12336	0.00223	0.12773	89
4.7	4.7	0.01	4.7	26,010	0.14547	0.13540	0.00257	0.14043	90
4.4	4.4	0.01	4.4	22,358	0.15969	0.14836	0.00289	0.15402	91
4.1	4.1	0.01	4.1	18,914	0.17492	0.16207	0.00328	0.16850	92
3.8	3.8	0.02	3.8	15,727	0.19119	0.17650	0.00375	0.18384	93
3.6	3.5	0.02	3.6	12,836	0.20851	0.19157	0.00432	0.20004	94
3.4	3.3	0.02	3.3	10,268	0.22692	0.20717	0.00504	0.21704	95
3.1	3.1	0.02	3.1	8,039	0.24645	0.22315	0.00594	0.23480	96
2.9	2.9	0.02	2.9	6,152	0.26716	0.23931	0.00711	0.25324	97
2.8	2.7	0.02	2.7	4,594	0.28916	0.25539	0.00862	0.27227	98
2.6	2.5	0.03	2.6	3,343	0.31260	0.27099	0.01062	0.29180	99
2.5	2.3	0.03	2.4	2,368	0.33777	0.28559	0.01331	0.31168	100
2.3	2.2	0.04	2.3	1,630	0.36512	0.29844	0.01701	0.33178	101
2.2	2.0	0.04	2.1	1,089	0.39544	0.30844	0.02219	0.35194	102
2.1	1.9	0.05	2.0	706	0.43004	0.31393	0.02962	0.37198	103
2.0	1.8	0.07	1.9	443	0.47109	0.31232	0.04050	0.39171	104
2.0	1.7	0.08	1.8	270	0.52235	0.29947	0.05686	0.41091	105
1.9	1.5	0.10	1.7	159	0.59027	0.26850	0.08208	0.42938	106
1.9	1.4	0.14	1.7	91	0.68622	0.20756	0.12211	0.44689	107
1.9	1.2	0.18	1.6	50	0.83077	0.09567	0.18753	0.46322	108
2.0	1.1	0.24	1.5	27	1.00000	0.00000	0.29787	0.47813	109
			1.5	14				1.00000	110+

TABLE 6. COMPLETE LIFE TABLE OF ISRAEL: JEWS - FEMALES
2014-2018

תוחלת חיים Life expectancy				נשארים בחיים בגיל x Survivors at age x I_x	הסתברות למות Probability of death				גיל Age
רווח סמך Confidence interval		סטיית תקן Standard deviation	e_x		רווח סמך Confidence interval		סטיית תקן Standard deviation	q_x	
גבול עליון Upper boundary	גבול תחתון Lower boundary				גבול עליון Upper boundary	גבול תחתון Lower boundary			
30.1	30.0	0.02	30.0	97,148	0.00282	0.00233	0.00013	0.00257	56
29.2	29.1	0.02	29.1	96,898	0.00306	0.00254	0.00013	0.00280	57
28.2	28.2	0.02	28.2	96,627	0.00330	0.00279	0.00013	0.00305	58
27.3	27.2	0.02	27.3	96,332	0.00360	0.00303	0.00015	0.00332	59
26.4	26.3	0.02	26.4	96,013	0.00390	0.00333	0.00014	0.00362	60
25.5	25.4	0.02	25.5	95,666	0.00426	0.00364	0.00016	0.00395	61
24.6	24.5	0.02	24.6	95,288	0.00463	0.00401	0.00016	0.00432	62
23.7	23.6	0.02	23.7	94,876	0.00507	0.00441	0.00017	0.00474	63
22.8	22.7	0.02	22.8	94,427	0.00556	0.00487	0.00018	0.00522	64
21.9	21.9	0.02	21.9	93,934	0.00612	0.00541	0.00018	0.00576	65
21.0	21.0	0.02	21.0	93,393	0.00679	0.00600	0.00020	0.00639	66
20.2	20.1	0.01	20.2	92,796	0.00752	0.00672	0.00021	0.00712	67
19.3	19.3	0.01	19.3	92,135	0.00842	0.00751	0.00023	0.00796	68
18.5	18.4	0.01	18.4	91,402	0.00944	0.00843	0.00026	0.00893	69
17.6	17.6	0.01	17.6	90,585	0.01061	0.00949	0.00029	0.01005	70
16.8	16.8	0.01	16.8	89,674	0.01199	0.01070	0.00033	0.01134	71
16.0	15.9	0.01	16.0	88,657	0.01358	0.01209	0.00038	0.01283	72
15.2	15.1	0.01	15.2	87,519	0.01539	0.01371	0.00043	0.01455	73
14.4	14.4	0.01	14.4	86,246	0.01742	0.01563	0.00046	0.01653	74
13.6	13.6	0.01	13.6	84,820	0.01974	0.01786	0.00048	0.01880	75
12.9	12.8	0.01	12.9	83,226	0.02243	0.02039	0.00052	0.02141	76
12.2	12.1	0.01	12.1	81,444	0.02545	0.02336	0.00053	0.02440	77
11.5	11.4	0.01	11.4	79,457	0.02898	0.02668	0.00059	0.02783	78
10.8	10.7	0.01	10.7	77,245	0.03301	0.03050	0.00064	0.03176	79
10.1	10.1	0.01	10.1	74,792	0.03757	0.03489	0.00068	0.03623	80
9.5	9.4	0.01	9.4	72,082	0.04280	0.03983	0.00076	0.04132	81
8.8	8.8	0.01	8.8	69,104	0.04871	0.04548	0.00082	0.04709	82
8.3	8.2	0.01	8.2	65,850	0.05537	0.05187	0.00089	0.05362	83
7.7	7.7	0.01	7.7	62,319	0.06292	0.05904	0.00099	0.06098	84
7.2	7.1	0.01	7.1	58,519	0.07136	0.06710	0.00109	0.06923	85
6.7	6.6	0.01	6.6	54,467	0.08078	0.07613	0.00118	0.07845	86
6.2	6.1	0.01	6.2	50,194	0.09127	0.08615	0.00130	0.08871	87
5.7	5.7	0.01	5.7	45,742	0.10288	0.09722	0.00144	0.10005	88
5.3	5.3	0.01	5.3	41,165	0.11568	0.10937	0.00161	0.11252	89
4.9	4.9	0.01	4.9	36,533	0.12976	0.12255	0.00184	0.12616	90
4.5	4.5	0.01	4.5	31,924	0.14501	0.13690	0.00207	0.14095	91
4.2	4.2	0.01	4.2	27,424	0.16152	0.15234	0.00234	0.15693	92
3.9	3.8	0.01	3.9	23,121	0.17931	0.16884	0.00267	0.17408	93
3.6	3.6	0.01	3.6	19,096	0.19840	0.18634	0.00308	0.19237	94
3.3	3.3	0.01	3.3	15,422	0.21879	0.20474	0.00359	0.21176	95
3.1	3.0	0.02	3.1	12,157	0.24048	0.22389	0.00423	0.23218	96
2.9	2.8	0.02	2.8	9,334	0.26346	0.24361	0.00506	0.25354	97
2.7	2.6	0.02	2.6	6,967	0.28778	0.26362	0.00616	0.27570	98
2.5	2.4	0.02	2.5	5,047	0.31349	0.28354	0.00764	0.29852	99
2.3	2.2	0.03	2.3	3,540	0.34076	0.30284	0.00967	0.32180	100
2.2	2.1	0.03	2.1	2,401	0.36990	0.32079	0.01253	0.34534	101
2.1	1.9	0.04	2.0	1,572	0.40153	0.33628	0.01665	0.36891	102
2.0	1.8	0.04	1.9	992	0.43680	0.34766	0.02274	0.39223	103
1.9	1.7	0.05	1.8	603	0.47778	0.35225	0.03202	0.41502	104
1.8	1.5	0.07	1.7	353	0.52832	0.34563	0.04660	0.43698	105
1.8	1.4	0.09	1.6	199	0.59554	0.32004	0.07028	0.45779	106
1.8	1.3	0.12	1.5	108	0.69295	0.26135	0.11010	0.47715	107
1.8	1.2	0.16	1.5	56	0.84685	0.14260	0.17965	0.49473	108
1.9	1.0	0.22	1.4	28	1.00000	0.00000	0.30609	0.51022	109
			1.4	14				1.00000	110+

לוח 6. לוח תמותה שלם של ישראל: יהודים - נקבות

2014-2018

תוחלת חיים Life expectancy				נשארים בחיים בגיל x Survivors at age x I_x	הסתברות למות Probability of death				גיל Age
רווח סמך Confidence interval		סטיית תקן Standard deviation	e_x		רווח סמך Confidence interval		סטיית תקן Standard deviation	q_x	
גבול עליון Upper boundary	גבול תחתון Lower boundary				גבול עליון Upper boundary	גבול תחתון Lower boundary			
84.8	84.7	0.03	84.8	100,000	0.00233	0.00201	0.00008	0.00217	0
84.0	83.9	0.03	83.9	99,783	0.00018	0.00010	0.00002	0.00014	1
83.0	82.9	0.03	83.0	99,769	0.00013	0.00006	0.00002	0.00009	2
82.0	81.9	0.03	82.0	99,759	0.00010	0.00004	0.00002	0.00007	3
81.0	80.9	0.03	81.0	99,753	0.00008	0.00003	0.00001	0.00005	4
80.0	79.9	0.03	80.0	99,747	0.00007	0.00002	0.00001	0.00005	5
79.0	78.9	0.03	79.0	99,743	0.00007	0.00002	0.00001	0.00004	6
78.0	77.9	0.03	78.0	99,738	0.00006	0.00002	0.00001	0.00004	7
77.0	76.9	0.03	77.0	99,734	0.00006	0.00002	0.00001	0.00004	8
76.0	75.9	0.03	76.0	99,730	0.00007	0.00002	0.00001	0.00004	9
75.0	74.9	0.03	75.0	99,725	0.00008	0.00002	0.00001	0.00005	10
74.0	73.9	0.03	74.0	99,721	0.00008	0.00002	0.00002	0.00005	11
73.1	72.9	0.03	73.0	99,715	0.00009	0.00002	0.00002	0.00006	12
72.1	72.0	0.03	72.0	99,709	0.00010	0.00004	0.00001	0.00007	13
71.1	71.0	0.03	71.0	99,703	0.00011	0.00004	0.00002	0.00008	14
70.1	70.0	0.03	70.0	99,695	0.00012	0.00005	0.00002	0.00009	15
69.1	69.0	0.03	69.0	99,687	0.00015	0.00005	0.00002	0.00010	16
68.1	68.0	0.03	68.0	99,677	0.00015	0.00007	0.00002	0.00011	17
67.1	67.0	0.03	67.0	99,666	0.00016	0.00008	0.00002	0.00012	18
66.1	66.0	0.03	66.0	99,654	0.00018	0.00008	0.00003	0.00013	19
65.1	65.0	0.03	65.0	99,641	0.00019	0.00010	0.00002	0.00014	20
64.1	64.0	0.03	64.1	99,627	0.00020	0.00010	0.00003	0.00015	21
63.1	63.0	0.03	63.1	99,612	0.00021	0.00011	0.00003	0.00016	22
62.1	62.0	0.02	62.1	99,596	0.00022	0.00011	0.00003	0.00017	23
61.1	61.0	0.02	61.1	99,579	0.00023	0.00012	0.00003	0.00017	24
60.1	60.1	0.02	60.1	99,562	0.00024	0.00012	0.00003	0.00018	25
59.2	59.1	0.02	59.1	99,544	0.00026	0.00012	0.00003	0.00019	26
58.2	58.1	0.02	58.1	99,525	0.00026	0.00014	0.00003	0.00020	27
57.2	57.1	0.02	57.1	99,505	0.00028	0.00014	0.00003	0.00020	28
56.2	56.1	0.02	56.1	99,485	0.00028	0.00015	0.00003	0.00021	29
55.2	55.1	0.02	55.2	99,464	0.00028	0.00016	0.00003	0.00022	30
54.2	54.1	0.02	54.2	99,442	0.00030	0.00017	0.00003	0.00024	31
53.2	53.1	0.02	53.2	99,418	0.00031	0.00019	0.00003	0.00025	32
52.2	52.1	0.02	52.2	99,393	0.00034	0.00020	0.00004	0.00027	33
51.3	51.2	0.02	51.2	99,366	0.00037	0.00022	0.00004	0.00029	34
50.3	50.2	0.02	50.2	99,337	0.00039	0.00024	0.00004	0.00032	35
49.3	49.2	0.02	49.2	99,306	0.00043	0.00027	0.00004	0.00035	36
48.3	48.2	0.02	48.3	99,271	0.00046	0.00030	0.00004	0.00038	37
47.3	47.2	0.02	47.3	99,233	0.00051	0.00034	0.00004	0.00042	38
46.3	46.3	0.02	46.3	99,191	0.00056	0.00038	0.00004	0.00047	39
45.4	45.3	0.02	45.3	99,145	0.00063	0.00041	0.00005	0.00052	40
44.4	44.3	0.02	44.3	99,093	0.00068	0.00047	0.00005	0.00058	41
43.4	43.3	0.02	43.4	99,036	0.00075	0.00054	0.00005	0.00064	42
42.4	42.4	0.02	42.4	98,972	0.00084	0.00060	0.00006	0.00072	43
41.5	41.4	0.02	41.4	98,901	0.00092	0.00068	0.00006	0.00080	44
40.5	40.4	0.02	40.5	98,822	0.00104	0.00074	0.00008	0.00089	45
39.5	39.5	0.02	39.5	98,734	0.00114	0.00085	0.00008	0.00099	46
38.6	38.5	0.02	38.5	98,636	0.00127	0.00094	0.00009	0.00111	47
37.6	37.5	0.02	37.6	98,527	0.00141	0.00105	0.00009	0.00123	48
36.7	36.6	0.02	36.6	98,406	0.00155	0.00118	0.00009	0.00136	49
35.7	35.6	0.02	35.7	98,272	0.00170	0.00131	0.00010	0.00150	50
34.8	34.7	0.02	34.7	98,124	0.00186	0.00145	0.00011	0.00165	51
33.8	33.7	0.02	33.8	97,961	0.00203	0.00160	0.00011	0.00182	52
32.9	32.8	0.02	32.8	97,784	0.00221	0.00176	0.00011	0.00199	53
31.9	31.9	0.02	31.9	97,589	0.00240	0.00194	0.00012	0.00217	54
31.0	30.9	0.02	31.0	97,378	0.00260	0.00213	0.00012	0.00236	55

לוח 7. לוח תמותה של ישראל: ערבים - זכרים

2014-2018

תוחלת חיים Life expectancy				נשאים בחיים בגיל x at age x I_x	הסתברות למות Probability of death				גיל Age
רווח סמך Confidence interval		סטיית תקן Standard deviation	e_x		רווח סמך Confidence interval		סטיית תקן Standard deviation	q_x	
גבול עליון Upper boundary	גבול תחתון Lower boundary				גבול עליון Upper boundary	גבול תחתון Lower boundary			
77.2	77.1	0.03	77.2	100,000	0.00646	0.00553	0.00024	0.00600	0
76.7	76.6	0.03	76.7	99,400	0.00076	0.00048	0.00007	0.00062	1
75.8	75.6	0.03	75.7	99,338	0.00063	0.00035	0.00007	0.00049	2
74.8	74.7	0.03	74.7	99,290	0.00051	0.00026	0.00006	0.00039	3
73.8	73.7	0.03	73.8	99,251	0.00044	0.00018	0.00007	0.00031	4
72.8	72.7	0.03	72.8	99,220	0.00034	0.00017	0.00004	0.00026	5
71.9	71.8	0.03	71.8	99,195	0.00031	0.00013	0.00005	0.00022	6
70.9	70.8	0.03	70.8	99,173	0.00028	0.00010	0.00005	0.00019	7
69.9	69.8	0.03	69.8	99,155	0.00025	0.00011	0.00004	0.00018	8
68.9	68.8	0.03	68.8	99,137	0.00025	0.00010	0.00004	0.00017	9
67.9	67.8	0.03	67.9	99,120	0.00025	0.00010	0.00004	0.00018	10
66.9	66.8	0.03	66.9	99,103	0.00028	0.00010	0.00004	0.00019	11
65.9	65.8	0.03	65.9	99,084	0.00031	0.00012	0.00005	0.00022	12
64.9	64.8	0.03	64.9	99,063	0.00039	0.00011	0.00007	0.00025	13
64.0	63.9	0.03	63.9	99,038	0.00041	0.00019	0.00006	0.00030	14
63.0	62.9	0.03	62.9	99,008	0.00046	0.00025	0.00005	0.00036	15
62.0	61.9	0.03	62.0	98,973	0.00056	0.00029	0.00007	0.00043	16
61.0	60.9	0.02	61.0	98,931	0.00063	0.00038	0.00006	0.00050	17
60.1	60.0	0.02	60.0	98,881	0.00072	0.00045	0.00007	0.00058	18
59.1	59.0	0.02	59.0	98,823	0.00080	0.00050	0.00008	0.00065	19
58.1	58.0	0.02	58.1	98,759	0.00088	0.00054	0.00009	0.00071	20
57.2	57.1	0.02	57.1	98,689	0.00092	0.00058	0.00009	0.00075	21
56.2	56.1	0.02	56.2	98,615	0.00097	0.00059	0.00010	0.00078	22
55.3	55.2	0.02	55.2	98,538	0.00100	0.00060	0.00010	0.00080	23
54.3	54.2	0.02	54.3	98,459	0.00099	0.00061	0.00010	0.00080	24
53.3	53.3	0.02	53.3	98,380	0.00102	0.00057	0.00012	0.00080	25
52.4	52.3	0.02	52.3	98,302	0.00098	0.00059	0.00010	0.00079	26
51.4	51.3	0.02	51.4	98,225	0.00101	0.00054	0.00012	0.00077	27
50.5	50.4	0.02	50.4	98,149	0.00099	0.00053	0.00012	0.00076	28
49.5	49.4	0.02	49.5	98,074	0.00096	0.00054	0.00011	0.00075	29
48.5	48.5	0.02	48.5	98,001	0.00095	0.00055	0.00010	0.00075	30
47.6	47.5	0.02	47.5	97,927	0.00099	0.00052	0.00012	0.00075	31
46.6	46.5	0.02	46.6	97,854	0.00098	0.00056	0.00011	0.00077	32
45.6	45.6	0.02	45.6	97,778	0.00100	0.00058	0.00011	0.00079	33
44.7	44.6	0.02	44.6	97,701	0.00105	0.00059	0.00012	0.00082	34
43.7	43.6	0.02	43.7	97,621	0.00112	0.00060	0.00013	0.00086	35
42.8	42.7	0.02	42.7	97,537	0.00118	0.00064	0.00014	0.00091	36
41.8	41.7	0.02	41.8	97,448	0.00121	0.00072	0.00013	0.00097	37
40.8	40.8	0.02	40.8	97,354	0.00128	0.00080	0.00012	0.00104	38
39.9	39.8	0.02	39.8	97,252	0.00144	0.00081	0.00016	0.00112	39
38.9	38.8	0.02	38.9	97,143	0.00151	0.00094	0.00015	0.00122	40
38.0	37.9	0.02	37.9	97,025	0.00164	0.00103	0.00016	0.00133	41
37.0	36.9	0.02	37.0	96,895	0.00178	0.00115	0.00016	0.00146	42
36.1	36.0	0.02	36.0	96,753	0.00196	0.00127	0.00017	0.00161	43
35.1	35.0	0.02	35.1	96,597	0.00213	0.00144	0.00017	0.00178	44
34.2	34.1	0.02	34.1	96,425	0.00241	0.00155	0.00022	0.00198	45
33.2	33.2	0.02	33.2	96,234	0.00258	0.00183	0.00019	0.00220	46
32.3	32.2	0.02	32.3	96,022	0.00294	0.00195	0.00025	0.00245	47
31.4	31.3	0.02	31.4	95,787	0.00322	0.00223	0.00025	0.00273	48
30.5	30.4	0.02	30.4	95,525	0.00358	0.00250	0.00027	0.00304	49
29.6	29.5	0.02	29.5	95,235	0.00394	0.00284	0.00028	0.00339	50
28.7	28.6	0.02	28.6	94,912	0.00435	0.00320	0.00029	0.00377	51
27.8	27.7	0.02	27.7	94,554	0.00488	0.00351	0.00035	0.00420	52
26.9	26.8	0.02	26.9	94,157	0.00536	0.00397	0.00035	0.00466	53
26.0	25.9	0.02	26.0	93,718	0.00590	0.00446	0.00037	0.00518	54
25.1	25.1	0.02	25.1	93,233	0.00655	0.00494	0.00041	0.00575	55

TABLE 7. COMPLETE LIFE TABLE OF ISRAEL: ARABS - MALES

2014-2018

תוחלת חיים Life expectancy			נשארם בחיים בגיל x at age x l_x	הסתברות למות Probability of death				גיל Age	
רווח סמך Confidence interval		סטטית תקן Standard deviation		e_x	רווח סמך Confidence interval		סטטית תקן Standard deviation		q_x
גבול עליון Upper boundary	גבול תחתון Lower boundary				גבול עליון Upper boundary	גבול תחתון Lower boundary			
24.3	24.2	0.02	24.3	92,697	0.00725	0.00550	0.00045	0.00637	56
23.4	23.4	0.02	23.4	92,106	0.00805	0.00608	0.00050	0.00707	57
22.6	22.5	0.02	22.6	91,455	0.00885	0.00681	0.00052	0.00783	58
21.8	21.7	0.02	21.7	90,739	0.00984	0.00750	0.00060	0.00867	59
21.0	20.9	0.02	20.9	89,952	0.01086	0.00834	0.00064	0.00960	60
20.2	20.1	0.02	20.1	89,089	0.01200	0.00924	0.00071	0.01062	61
19.4	19.3	0.01	19.3	88,143	0.01325	0.01025	0.00077	0.01175	62
18.6	18.5	0.01	18.6	87,107	0.01461	0.01139	0.00082	0.01300	63
17.8	17.8	0.01	17.8	85,975	0.01617	0.01259	0.00091	0.01438	64
17.1	17.0	0.01	17.1	84,739	0.01783	0.01397	0.00098	0.01590	65
16.4	16.3	0.01	16.3	83,391	0.01974	0.01544	0.00110	0.01759	66
15.6	15.6	0.01	15.6	81,924	0.02169	0.01721	0.00114	0.01945	67
14.9	14.9	0.01	14.9	80,331	0.02407	0.01895	0.00131	0.02151	68
14.2	14.2	0.01	14.2	78,603	0.02660	0.02096	0.00144	0.02378	69
13.6	13.5	0.01	13.6	76,733	0.02903	0.02353	0.00140	0.02628	70
12.9	12.9	0.01	12.9	74,717	0.03207	0.02600	0.00155	0.02903	71
12.3	12.3	0.01	12.3	72,547	0.03534	0.02878	0.00167	0.03206	72
11.7	11.6	0.01	11.7	70,222	0.03897	0.03179	0.00183	0.03538	73
11.1	11.1	0.01	11.1	67,737	0.04290	0.03515	0.00198	0.03902	74
10.5	10.5	0.01	10.5	65,094	0.04746	0.03856	0.00227	0.04301	75
10.0	9.9	0.01	10.0	62,294	0.05215	0.04258	0.00244	0.04736	76
9.5	9.4	0.01	9.4	59,343	0.05751	0.04672	0.00275	0.05211	77
8.9	8.9	0.01	8.9	56,251	0.06327	0.05129	0.00306	0.05728	78
8.5	8.4	0.01	8.4	53,029	0.06915	0.05665	0.00319	0.06290	79
8.0	7.9	0.01	8.0	49,693	0.07629	0.06168	0.00373	0.06899	80
7.5	7.5	0.01	7.5	46,265	0.08403	0.06713	0.00431	0.07558	81
7.1	7.1	0.01	7.1	42,768	0.09166	0.07371	0.00458	0.08269	82
6.7	6.7	0.01	6.7	39,232	0.10012	0.08056	0.00499	0.09034	83
6.3	6.3	0.01	6.3	35,688	0.10939	0.08773	0.00552	0.09856	84
6.0	5.9	0.01	5.9	32,170	0.12020	0.09453	0.00655	0.10736	85
5.6	5.6	0.01	5.6	28,717	0.13126	0.10226	0.00740	0.11676	86
5.3	5.2	0.01	5.3	25,364	0.14340	0.11014	0.00848	0.12677	87
5.0	4.9	0.01	5.0	22,148	0.15603	0.11875	0.00951	0.13739	88
4.7	4.6	0.02	4.7	19,105	0.17117	0.12606	0.01151	0.14862	89
4.4	4.4	0.02	4.4	16,266	0.18498	0.13593	0.01251	0.16045	90
4.2	4.1	0.02	4.1	13,656	0.20058	0.14519	0.01413	0.17288	91
3.9	3.9	0.02	3.9	11,295	0.21740	0.15438	0.01608	0.18589	92
3.7	3.6	0.02	3.7	9,195	0.23561	0.16330	0.01845	0.19946	93
3.5	3.4	0.02	3.5	7,361	0.25542	0.17170	0.02136	0.21356	94
3.3	3.2	0.02	3.3	5,789	0.27713	0.17920	0.02498	0.22816	95
3.1	3.0	0.03	3.1	4,468	0.30113	0.18532	0.02954	0.24323	96
3.0	2.9	0.03	2.9	3,382	0.32802	0.18939	0.03536	0.25870	97
2.8	2.7	0.03	2.8	2,507	0.35860	0.19048	0.04289	0.27454	98
2.7	2.5	0.04	2.6	1,819	0.39408	0.18726	0.05276	0.29067	99
2.6	2.4	0.04	2.5	1,290	0.43621	0.17785	0.06591	0.30703	100
2.4	2.2	0.05	2.3	894	0.48762	0.15946	0.08371	0.32354	101
2.4	2.1	0.06	2.2	605	0.55226	0.12796	0.10824	0.34011	102
2.3	2.0	0.07	2.1	399	0.63624	0.07706	0.14265	0.35665	103
2.2	1.9	0.09	2.0	257	0.74913	0.00000	0.19187	0.37306	104
2.2	1.7	0.11	1.9	161	0.90619	0.00000	0.26375	0.38925	105
2.1	1.6	0.14	1.9	98	1.00000	0.00000	0.37101	0.40510	106
2.1	1.4	0.17	1.8	58	1.00000	0.00000	0.53478	0.42050	107
2.1	1.3	0.22	1.7	34	1.00000	0.00000	0.79099	0.43533	108
2.2	1.1	0.29	1.6	19	1.00000	0.00000	1.00000	0.44949	109
			1.6	11				1.00000	110+

לוח 8. לוח תמותה שלם של ישראל: ערבים - נקבות

2014-2018

תוחלת חיים Life expectancy				נשארים בחיים בגיל x Survivors at age x l_x	הסתברות למות Probability of death				גיל Age
רווח סמך Confidence interval		סטטיית תקן Standard deviation	e_x		רווח סמך Confidence interval		סטטיית תקן Standard deviation	q_x	
גבול עליון Upper boundary	גבול תחתון Lower boundary				גבול עליון Upper boundary	גבול תחתון Lower boundary			
81.5	81.4	0.03	81.4	100,000	0.00621	0.00527	0.00024	0.00574	0
81.0	80.8	0.03	80.9	99,426	0.00082	0.00051	0.00008	0.00067	1
80.0	79.9	0.03	79.9	99,360	0.00055	0.00029	0.00007	0.00042	2
79.0	78.9	0.03	79.0	99,318	0.00041	0.00019	0.00006	0.00030	3
78.1	77.9	0.03	78.0	99,288	0.00033	0.00013	0.00005	0.00023	4
77.1	77.0	0.03	77.0	99,266	0.00028	0.00011	0.00004	0.00019	5
76.1	76.0	0.03	76.0	99,247	0.00025	0.00009	0.00004	0.00017	6
75.1	75.0	0.03	75.1	99,230	0.00025	0.00007	0.00005	0.00016	7
74.1	74.0	0.03	74.1	99,214	0.00023	0.00008	0.00004	0.00015	8
73.1	73.0	0.03	73.1	99,199	0.00022	0.00008	0.00004	0.00015	9
72.1	72.0	0.03	72.1	99,183	0.00024	0.00007	0.00004	0.00015	10
71.1	71.0	0.03	71.1	99,169	0.00024	0.00006	0.00005	0.00015	11
70.2	70.1	0.03	70.1	99,154	0.00022	0.00008	0.00004	0.00015	12
69.2	69.1	0.03	69.1	99,139	0.00022	0.00008	0.00003	0.00015	13
68.2	68.1	0.03	68.1	99,124	0.00023	0.00007	0.00004	0.00015	14
67.2	67.1	0.03	67.1	99,108	0.00023	0.00008	0.00004	0.00016	15
66.2	66.1	0.03	66.1	99,093	0.00023	0.00009	0.00004	0.00016	16
65.2	65.1	0.03	65.2	99,077	0.00024	0.00009	0.00004	0.00016	17
64.2	64.1	0.03	64.2	99,061	0.00024	0.00010	0.00004	0.00017	18
63.2	63.1	0.03	63.2	99,044	0.00028	0.00008	0.00005	0.00018	19
62.2	62.1	0.03	62.2	99,026	0.00028	0.00009	0.00005	0.00018	20
61.3	61.2	0.02	61.2	99,008	0.00029	0.00010	0.00005	0.00019	21
60.3	60.2	0.02	60.2	98,989	0.00032	0.00008	0.00006	0.00020	22
59.3	59.2	0.02	59.2	98,969	0.00030	0.00012	0.00005	0.00021	23
58.3	58.2	0.02	58.2	98,947	0.00036	0.00009	0.00007	0.00023	24
57.3	57.2	0.02	57.3	98,925	0.00034	0.00014	0.00005	0.00024	25
56.3	56.2	0.02	56.3	98,901	0.00035	0.00016	0.00005	0.00026	26
55.3	55.2	0.02	55.3	98,876	0.00040	0.00014	0.00007	0.00027	27
54.3	54.2	0.02	54.3	98,849	0.00041	0.00017	0.00006	0.00029	28
53.4	53.3	0.02	53.3	98,820	0.00048	0.00015	0.00008	0.00031	29
52.4	52.3	0.02	52.3	98,789	0.00047	0.00020	0.00007	0.00033	30
51.4	51.3	0.02	51.3	98,756	0.00051	0.00021	0.00008	0.00036	31
50.4	50.3	0.02	50.4	98,721	0.00054	0.00022	0.00008	0.00038	32
49.4	49.3	0.02	49.4	98,683	0.00063	0.00020	0.00011	0.00041	33
48.4	48.4	0.02	48.4	98,643	0.00061	0.00027	0.00009	0.00044	34
47.5	47.4	0.02	47.4	98,599	0.00063	0.00032	0.00008	0.00047	35
46.5	46.4	0.02	46.4	98,553	0.00067	0.00035	0.00008	0.00051	36
45.5	45.4	0.02	45.5	98,502	0.00076	0.00033	0.00011	0.00055	37
44.5	44.5	0.02	44.5	98,449	0.00080	0.00038	0.00011	0.00059	38
43.6	43.5	0.02	43.5	98,391	0.00084	0.00043	0.00010	0.00064	39
42.6	42.5	0.02	42.5	98,328	0.00089	0.00049	0.00010	0.00069	40
41.6	41.5	0.02	41.6	98,260	0.00099	0.00049	0.00013	0.00074	41
40.6	40.6	0.02	40.6	98,187	0.00105	0.00056	0.00012	0.00081	42
39.7	39.6	0.02	39.6	98,108	0.00115	0.00060	0.00014	0.00087	43
38.7	38.6	0.02	38.7	98,022	0.00122	0.00069	0.00013	0.00095	44
37.7	37.7	0.02	37.7	97,929	0.00132	0.00076	0.00014	0.00104	45
36.8	36.7	0.02	36.7	97,828	0.00145	0.00081	0.00016	0.00113	46
35.8	35.8	0.02	35.8	97,717	0.00158	0.00090	0.00017	0.00124	47
34.9	34.8	0.02	34.8	97,595	0.00172	0.00101	0.00018	0.00136	48
33.9	33.8	0.02	33.9	97,463	0.00183	0.00117	0.00017	0.00150	49
33.0	32.9	0.02	32.9	97,317	0.00205	0.00125	0.00020	0.00165	50
32.0	31.9	0.02	32.0	97,156	0.00222	0.00143	0.00020	0.00183	51
31.1	31.0	0.02	31.0	96,979	0.00245	0.00159	0.00022	0.00202	52
30.1	30.1	0.02	30.1	96,782	0.00273	0.00177	0.00024	0.00225	53
29.2	29.1	0.02	29.2	96,565	0.00299	0.00201	0.00025	0.00250	54
28.3	28.2	0.02	28.2	96,324	0.00338	0.00220	0.00030	0.00279	55

TABLE 8. COMPLETE LIFE TABLE OF ISRAEL: ARABS - FEMALES

2014-2018

תוחלת חיים Life expectancy				נשארים בחיים בגיל x Survivors at age x l_x	הסתברות למות Probability of death				גיל Age
רווח סמך Confidence interval		סטיית תקן Standard deviation	e_x		רווח סמך Confidence interval		סטיית תקן Standard deviation	q_x	
גבול עליון Upper boundary	גבול תחתון Lower boundary				גבול עליון Upper boundary	גבול תחתון Lower boundary			
27.4	27.3	0.02	27.3	96,055	0.00375	0.00248	0.00032	0.00312	56
26.4	26.4	0.02	26.4	95,755	0.00423	0.00275	0.00038	0.00349	57
25.5	25.5	0.02	25.5	95,421	0.00469	0.00313	0.00040	0.00391	58
24.6	24.6	0.02	24.6	95,048	0.00517	0.00361	0.00040	0.00439	59
23.7	23.7	0.02	23.7	94,631	0.00579	0.00407	0.00044	0.00493	60
22.8	22.8	0.02	22.8	94,164	0.00652	0.00459	0.00049	0.00555	61
22.0	21.9	0.02	21.9	93,641	0.00733	0.00518	0.00055	0.00625	62
21.1	21.0	0.02	21.1	93,056	0.00819	0.00590	0.00058	0.00705	63
20.2	20.2	0.01	20.2	92,400	0.00917	0.00672	0.00063	0.00795	64
19.4	19.3	0.01	19.4	91,666	0.01035	0.00758	0.00071	0.00896	65
18.6	18.5	0.01	18.5	90,844	0.01172	0.00852	0.00082	0.01012	66
17.8	17.7	0.01	17.7	89,925	0.01321	0.00962	0.00091	0.01142	67
17.0	16.9	0.01	16.9	88,898	0.01477	0.01100	0.00096	0.01289	68
16.2	16.1	0.01	16.1	87,753	0.01654	0.01256	0.00102	0.01455	69
15.4	15.3	0.01	15.4	86,476	0.01850	0.01433	0.00106	0.01642	70
14.6	14.6	0.01	14.6	85,057	0.02090	0.01614	0.00121	0.01852	71
13.9	13.9	0.01	13.9	83,481	0.02330	0.01847	0.00123	0.02089	72
13.2	13.2	0.01	13.2	81,738	0.02624	0.02084	0.00138	0.02354	73
12.5	12.5	0.01	12.5	79,813	0.02955	0.02349	0.00154	0.02652	74
11.8	11.8	0.01	11.8	77,697	0.03323	0.02647	0.00172	0.02985	75
11.2	11.1	0.01	11.2	75,378	0.03730	0.02984	0.00190	0.03357	76
10.5	10.5	0.01	10.5	72,847	0.04176	0.03367	0.00206	0.03771	77
9.9	9.9	0.01	9.9	70,100	0.04689	0.03776	0.00233	0.04233	78
9.4	9.3	0.01	9.3	67,133	0.05266	0.04223	0.00266	0.04744	79
8.8	8.8	0.01	8.8	63,948	0.05879	0.04743	0.00290	0.05311	80
8.3	8.2	0.01	8.2	60,551	0.06555	0.05318	0.00316	0.05937	81
7.7	7.7	0.01	7.7	56,957	0.07357	0.05896	0.00373	0.06626	82
7.3	7.2	0.01	7.2	53,183	0.08175	0.06591	0.00404	0.07383	83
6.8	6.8	0.01	6.8	49,256	0.09049	0.07374	0.00427	0.08212	84
6.4	6.3	0.01	6.3	45,211	0.10127	0.08105	0.00516	0.09116	85
5.9	5.9	0.01	5.9	41,090	0.11160	0.09039	0.00541	0.10099	86
5.6	5.5	0.01	5.5	36,940	0.12425	0.09905	0.00643	0.11165	87
5.2	5.1	0.01	5.2	32,816	0.13875	0.10756	0.00796	0.12316	88
4.8	4.8	0.01	4.8	28,774	0.15249	0.11856	0.00865	0.13552	89
4.5	4.5	0.01	4.5	24,875	0.16796	0.12957	0.00979	0.14877	90
4.2	4.2	0.01	4.2	21,174	0.18452	0.14124	0.01104	0.16288	91
3.9	3.9	0.01	3.9	17,725	0.20245	0.15326	0.01255	0.17785	92
3.7	3.6	0.02	3.7	14,573	0.22189	0.16546	0.01439	0.19367	93
3.4	3.4	0.02	3.4	11,750	0.24299	0.17761	0.01668	0.21030	94
3.2	3.2	0.02	3.2	9,279	0.26601	0.18937	0.01955	0.22769	95
3.0	2.9	0.02	3.0	7,166	0.29128	0.20030	0.02321	0.24579	96
2.8	2.7	0.02	2.8	5,405	0.31928	0.20973	0.02795	0.26451	97
2.7	2.6	0.03	2.6	3,975	0.35075	0.21677	0.03418	0.28376	98
2.5	2.4	0.03	2.5	2,847	0.38680	0.22006	0.04253	0.30343	99
2.4	2.2	0.03	2.3	1,983	0.42912	0.21767	0.05394	0.32340	100
2.3	2.1	0.04	2.2	1,342	0.48038	0.20664	0.06983	0.34351	101
2.2	2.0	0.05	2.1	881	0.54483	0.18239	0.09246	0.36361	102
2.1	1.8	0.06	1.9	561	0.62935	0.13770	0.12542	0.38353	103
2.0	1.7	0.07	1.8	346	0.74539	0.06076	0.17465	0.40307	104
1.9	1.6	0.09	1.8	206	0.91229	0.00000	0.25012	0.42205	105
1.9	1.4	0.12	1.7	119	1.00000	0.00000	0.36912	0.44025	106
1.9	1.3	0.16	1.6	67	1.00000	0.00000	0.56242	0.45747	107
2.0	1.1	0.21	1.5	36	1.00000	0.00000	0.88645	0.47349	108
2.0	0.9	0.28	1.5	19	1.00000	0.00000	1.00000	0.48811	109
			1.4	10				1.00000	110+