

PERANGKAAAN PENDUDUK



POPULATION STATISTICS

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Nota Keterangan

1. Penduduk

Anggaran penduduk bagi tahun 1891 dan 1901 merujuk kepada negeri-negeri Melayu Bersekutu (Perak, Pahang, Selangor, Negeri Sembilan) dan negeri-negeri Selat (Melaka dan Pulau Pinang).

Anggaran penduduk bagi tempoh 1911–1962 pula merujuk kepada Semenanjung Malaysia sahaja. Manakala anggaran penduduk bagi tempoh 1963 – 2013 merujuk kepada Malaysia. Maklumat penduduk mengikut umur bagi tahun 1891 – 1969 hanya boleh diperoleh bagi tahun 1947 dan 1957.

Anggaran penduduk bagi tahun rujukan 1958 – 1969 adalah berasaskan kepada Anggaran Penduduk Antara Banci Yang Diperbaiki, 1957 – 1970.

Anggaran penduduk bagi tahun rujukan 1958 - 2010 adalah Anggaran Penduduk Antara Banci (Anggaran Penduduk Pertengahan Tahun yang disemak semula) yang dijana berasaskan data Banci Penduduk bagi tahun 1957, 1970, 1980, 1991, 2000 dan 2010.

Anggaran Penduduk Pertengahan Tahun 2011 - 2017 dijana berasaskan data Banci Penduduk dan Perumahan 2010 yang telah disesuaikan untuk kurang penghitungan. Kaedah yang digunakan adalah Kaedah Komponen Kohort yang mengambil kira kelahiran, kematian dan migrasi.

POPULATION STATISTICS

Explanatory Notes

1. Population

Population estimates for year 1891 and 1901 refer to Federated Malay States (Perak, Pahang, Selangor, Negeri Sembilan) and Straits Settlement (Malacca and Penang).

Population estimates for the period 1911 - 1962, refer to Peninsular Malaysia only. While population estimates for the period 1963 - 2013 refer to Malaysia. Information regarding population by age for the period 1891 - 1969 were only available for 1947 and 1957.

Population estimates for the years 1958 – 1969 were based on the Revised Intercensal Population Estimates, Malaysia, 1957 – 1970.

Population estimates for the years 1958 - 2010 were Intercensal Population Estimates (revised Mid-Year Population Estimates) generated based on Population Census data for the year 1957, 1970, 1980, 1991, 2000 and 2010.

Mid-year Population Estimates for 2011 - 2017 are generated based on the 2010 Population and Housing Census which had adjusted for under-enumeration. The Cohort-component Method takes into account birth, death and migration in its calculation.

2. Kadar Utama Demografi

Kadar utama demografi adalah berasaskan kepada data kelahiran dan kematian yang disusun oleh Jabatan Perangkaan Malaysia yang bersumberkan pendaftaran sivil oleh Jabatan Pendaftaran Negara. Penyusunan mulai tahun 1963 bagi Semenanjung Malaysia dan tahun 1966 bagi Sabah dan Sarawak.

Maklumat sebelumnya diperoleh daripada "Report of the Registrar General of Births and Deaths" dan Laporan Banci Penduduk bagi tahun-tahun tertentu.

Kadar Demografi adalah seperti berikut :

- **Kadar Pertambahan Semula Jadi Kasar** merupakan perbezaan di antara kelahiran dan kematian bagi setiap 1,000 penduduk.
- **Kadar Kelahiran Kasar** merujuk kepada bilangan kelahiran hidup bagi setiap 1,000 penduduk.
- **Kadar Kematian Kasar** merujuk kepada bilangan kematian bagi setiap 1,000 penduduk.
- **Kadar Mortaliti Neonatal** merujuk kepada kematian bayi yang berumur kurang daripada 28 hari bagi setiap 1,000 kelahiran hidup.
- **Kadar Mortaliti Bayi** merujuk kepada bilangan kematian bayi berumur kurang daripada 1 tahun bagi setiap 1,000 kelahiran hidup.
- **Kadar Mortaliti Kanak-kanak** merujuk kepada bilangan kematian kanak-kanak yang berumur 1 – 4 tahun bagi setiap 1,000 penduduk berumur 1 – 4 tahun.

2. Main Demographic Rates

The main demographic rates on birth and death data compiled by the Department of Statistics, Malaysia, are based on civil registration process provided by the National Registration Department. The compilation began from year 1963 for Peninsular Malaysia and 1966 for Sabah and Sarawak.

Prior to that, the information were collected from "Report of the Registrar General of Births and Deaths" and Population Census Report for certain years.

The Demographic rates as follows :

- **Crude Rate of Natural Increase** refers to the excess of births over deaths per 1,000 population.
- **Crude Birth Rate** refers to the number of live births per 1,000 population.
- **Crude Death Rate** refers to the number of deaths per 1,000 population.
- **Neonatal Mortality Rate** refers to deaths of infants aged less than 28 days per 1,000 live births.
- **Infant Mortality Rate** refers to the number of deaths aged below 1 year per 1,000 live births.
- **Toddler Mortality Rate** refers to the number of deaths of toddlers aged 1 – 4 years per 1,000 population aged 1 – 4 years old.

- **Nisbah Mortaliti Ibu Bersalin** merujuk kepada kematian yang disebabkan oleh kesulitan semasa hamil atau semasa melahirkan anak atau kematian dalam tempoh 42 hari selepas bersalin bagi setiap 100,000 kelahiran hidup.

3. **Jangkaan Hayat Ketika Lahir**

Purata baki umur (tahun) seseorang dijangka akan dapat hidup ketika lahir.

4. **Pertumbuhan Penduduk**

Pertumbuhan penduduk adalah perubahan penduduk sejajar dengan perubahan masa dan boleh dikira sebagai perubahan bilangan individu dalam penduduk menggunakan “per unit masa” sebagai pengukuran.

5. **Kadar Kesuburan Jumlah**

Merujuk kepada purata bilangan anak yang akan dilahirkan sekiranya seseorang perempuan terus hidup sehingga akhir tempoh reproduktifnya dan di sepanjang tempoh itu tertakluk kepada kadar kesuburan umur tertentu bagi sesuatu tahun.

6. **Kadar Kesuburan Umur Tertentu**

Merujuk kepada bilangan kelahiran oleh ibu-ibu bagi kumpulan umur tertentu dalam sesuatu tahun, bagi setiap seribu perempuan dalam kumpulan umur berkenaan.

- **Maternal Mortality Ratio** refers to deaths which are caused by complications of pregnancies, childbirth and the puerperium, within the period of 42 days after childbirth per 100,000 live births.

3. **Life Expectancy At Birth**

The average remaining age (years) for a person is expected to live at birth.

4. **Population Growth**

Population growth is the change in population over time, and can be quantified as the change in the number of individuals in a population using “per unit time” for measurement.

5. **Total Fertility Rate**

Refers to the average number of children which would be born if women survived to the end of their reproductive period and throughout that period are subject to the schedule of age-specific fertility rates for the given year.

6. **Age-specific Fertility Rate**

Refers to the number of births by mothers within a specific age group during a given year, per thousand females in that age group.

JADUAL 22.1 : PENDUDUK ('000) MENGIKUT KUMPULAN UMUR, MALAYSIA, 1891 – 2017

Table 22.1 : Population ('000) by Age Group, Malaysia, 1891 – 2017

Tahun/Year	Kumpulan umur/Age group			Purata kadar pertumbuhan penduduk tahunan (%) Average annual population growth rate (%)
	Jumlah/Total	0 – 14	15 – 64		65+
1891	746.3 ^a	-	..	..
1901	1,022.3 ^a	-	..	..
1911	2,342.2 ^b	-	..	..
1921	2,910.2 ^b	-	..	..
1931	3,788.5 ^b	-	..	..
1932	1,622.9 ^c	-	..	..
1935	1,777.4 ^c	-	..	..
1937	1,961.4 ^c	-	..	..
1938	2,089.8 ^c	-	..	..
1939	2,125.3 ^c	-	..	..
1940	2,169.3 ^c	-	..	..
1941	4,776.0 ^d	-	..	..
1947	4,908.1 ^b	1,945.6*	2,795.6*	133.6*
1948	4,987.4 ^d	-	..	..
1949	5,081.8 ^d	-	..	..
1950	5,226.5 ^d	-	..	..
1951	5,337.2 ^d	-	..	..
1952	5,506.4 ^d	-	..	..
1953	5,706.0 ^d	-	..	..
1954	5,888.6 ^d	-	..	..
1955	6,058.3 ^d	-	..	..
1956	6,251.6 ^d	-	..	..
1957	6,278.8 ^b	2,752.2	3,351.5	175.0
1958	6,504.6 ^{e*}	-	..	..
1959	6,702.6 ^{e*}	-	..	..
1960	8,118.0 ^{e**}	-	..	..
1961	8,378.5 ^f	-	..	3.2
1962	8,651.8 ^f	-	..	3.2
1963	8,920.2 ^f	-	..	3.1
1964	9,168.4 ^f	-	..	2.7
1965	9,436.6 ^f	-	..	2.9
1966	9,732.8 ^f	-	..	3.1
1967	10,007.4 ^f	-	..	2.8
1968	10,252.8 ^f	-	..	2.4
1969	10,500.2 ^f	-	..	2.4

JADUAL 22.1 : PENDUDUK ('000) MENGIKUT KUMPULAN UMUR, MALAYSIA, 1891 – 2017, (samb.)

Table 22.1 : Population ('000) by Age Group, Malaysia, 1891 – 2017 (cont'd)

Tahun/Year	Kumpulan umur/Age group				Purata kadar pertumbuhan penduduk tahunan (%) Average annual population growth rate (%)
	Jumlah/Total	0 – 14	15 – 64	65+	
1970	10,881.8	4,847.3	5,677.6	356.8	3.6
1971	11,159.7	4,907.0	5,876.4	376.3	2.5
1972	11,441.3	4,975.1	6,076.9	389.3	2.5
1973	11,719.8	5,037.5	6,276.0	406.3	2.4
1974	12,001.3	5,100.3	6,477.0	424.0	2.4
1975	12,300.3	5,170.5	6,686.9	442.9	2.5
1976	12,588.1	5,229.1	6,903.3	455.8	2.3
1977	12,901.1	5,302.3	7,135.8	463.0	2.5
1978	13,200.2	5,365.1	7,361.2	473.9	2.3
1979	13,518.3	5,435.7	7,596.4	486.1	2.4
1980	13,879.2	5,542.4	7,845.7	491.1	2.6
1981	14,256.9	5,621.9	8,126.2	508.8	2.7
1982	14,651.1	5,723.7	8,400.4	527.0	2.7
1983	15,048.2	5,818.8	8,686.1	543.3	2.7
1984	15,450.4	5,933.9	8,957.2	559.3	2.6
1985	15,882.7	6,081.2	9,227.3	574.2	2.8
1986	16,329.4	6,223.5	9,514.8	591.2	2.8
1987	16,773.5	6,370.0	9,794.6	608.8	2.7
1988	17,219.1	6,512.0	10,080.7	626.3	2.6
1989	17,662.1	6,650.0	10,369.5	642.5	2.5
1990	18,102.4	6,775.0	10,669.0	658.5	2.5
1991	18,547.2	6,899.9	10,971.5	675.9	2.4
1992	19,067.5	7,038.6	11,322.1	706.7	2.8
1993	19,601.5	7,192.0	11,680.6	728.9	2.8
1994	20,141.7	7,329.2	12,058.4	754.1	2.7
1995	20,681.8	7,453.3	12,447.7	780.7	2.7
1996	21,222.6	7,566.1	12,850.5	806.1	2.6
1997	21,769.3	7,668.7	13,266.5	834.1	2.5
1998	22,333.5	7,781.8	13,688.7	863.0	2.6
1999	22,909.5	7,885.6	14,129.1	894.8	2.6
2000	23,494.9	8,003.1	14,560.0	931.8	2.5
2001	24,030.5	8,073.8	14,979.4	977.3	2.3
2002	24,542.5	8,097.5	15,420.1	1,024.9	2.1
2003	25,038.1	8,086.5	15,878.1	1,073.5	2.0
2004	25,541.5	8,070.1	16,349.6	1,121.7	2.0
2005	26,045.5	8,039.5	16,836.0	1,170.1	2.0
2006	26,549.9	7,998.0	17,331.3	1,220.6	1.9
2007	27,058.4	7,951.9	17,838.7	1,267.8	1.9
2008	27,567.6	7,904.4	18,349.7	1,313.5	1.9
2009	28,081.5	7,865.9	18,854.6	1,361.0	1.8
2010	28,588.6	7,822.1	19,341.4	1,425.1	1.8
2011	29,062.0	7,790.8	19,779.1	1,492.1	1.6
2012	29,510.0	7,776.6	20,167.2	1,566.2	1.5
2013	30,213.7	7,783.4	20,780.3	1,649.9	2.4
2014	30,708.5	7,773.6	21,200.8	1,734.1	1.6
2015	31,186.1	7,775.8	21,589.0	1,821.4	1.5
2016	31,633.5	7,759.8	21,962.3	1,911.4	1.4
2017 ^e	32,049.7	7,732.9	22,314.0	2,002.8	1.3

Punca/ Source :

1. **1891 & 1901 : Kertas penyelidikan Bil. 10, Penduduk-penduduk Malaysia, ms.9**
Research Paper No. 10, The Population of Malaysia, pg.9
2. **1911, 1921, 1931 & 1947 : Laporan Banci Penduduk 1947, Malaya, ms. 584 – 587 dan 132 (Jadual 2)**
A report on the 1947 Census of Population, Malaya, pg. 584 – 587 and 132 (Table 2)
3. **1932, 1935, 1937 – 1940 : Laporan Pendaftar Besar Kelahiran dan kematian atau Siri Masa Perangkaan Penting, Semenanjung Malaysia, 1911 – 1985**
Report of the Registrar General of Births and Deaths or Vital Statistics Time Series, Peninsular Malaysia, 1911 – 1985
4. **1941 : Laporan Pendaftaran Kelahiran dan kematian 1947**
Report of the Registration of Births and Deaths for the year 1947
5. **1948 – 1952 : Laporan Pendaftaran Kelahiran dan kematian 1952**
Report of the Registration of Births and Deaths for the year 1952
6. **1953 – 1956 : Laporan Pendaftar Besar Penduduk, Kelahiran, Kematian, Perkahwinan dan Pengambilan anak angkat 1957**
Report of the Registrar General on Population, Births, Deaths, Marriages & Adoption for the year 1957
7. **1957 : Banci Penduduk 1957 (Laporan 14) Jabatan Perangkaan Persekutuan Tanah Melayu, Kuala Lumpur(1960)**
1957 Census of Population (Report 14) Department of Statistics, Federation of Malaya, Kuala Lumpur (1960)
8. **1958 – 1970 : Anggaran-anggaran Penduduk Antara Banci yang diperbaiki, Malaysia, 1957 – 1970**
Revised Inter-Censal Population Estimates, Malaysia, 1957 – 1970
9. **1971 – 1979 : Kajian Semula Anggaran Penduduk Pertengahan Tahun Antara Banci 1971 – 1979. (Tidak diterbitkan)**
Revised Intercensal Mid –Year Population Estimates, 1971 – 1979 (Unpublished)
10. **1980 – 1990 : Kajian Semula Anggaran Penduduk Pertengahan Tahun Antara Banci 1981 – 1990**
Revised Intercensal Mid – Year Population Estimates, Malaysia, 1981 – 1990
11. **1991 – 2000 : Kajian Semula Anggaran Penduduk Pertengahan Tahun Antara Banci Mengikut Negeri, Malaysia, 1992 – 1999**
Revised Intercensal Mid – Year Population Estimates by States, Malaysia, 1992 – 1999
12. **2000 – 2010 : Anggaran Penduduk Pertengahan Tahun Antara Banci, Malaysia dan Negeri, 2001-2009**
Intercensal Mid-Year Population Estimates, Malaysia and States, 2001-2009
13. **2011-2017 : Anggaran Penduduk Pertengahan Tahun berasaskan data Banci Penduduk dan Perumahan Malaysia 2010**
Mid-Year Population Estimates based on the Population and Housing Census of Malaysia 2010

Nota/ Notes :

1. **1891, 1901, 1911, 1921, 1931, 1947 dan 1957: Data Banci Semenanjung Malaysia; 1960 : Banci di Sabah/Sarawak**
1891, 1901, 1911, 1921, 1931, 1947 and 1957: Census data of Peninsular Malaysia; 1960 : Census on Sabah/Sarawak
2. ^a **Terdiri daripada Negeri-negeri Melayu Bersekutu (Negeri Sembilan, Pahang, Perak & Selangor) dan Negeri-negeri Selat (Melaka & Pulau Pinang).**
Comprised of the Federated Malay States (Negeri Sembilan, Pahang, Perak & Selangor) and Straits Settlements (Malacca & Penang).
3. **Angka tahun 1911, 1921 dan 1931 termasuk kategori penduduk sementara**
Figures for 1911, 1921 and 1931 include transient population categories
4. *** Tidak termasuk 29,648 orang penduduk Orang Asli dan umur tidak dinyatakan (Data Siri Masa Banci Penduduk dan Perumahan 1911 – 2000).**
Excluded 29,648 persons of nomadic aborigines and age not stated (Time Series Data Population and Housing Census, 1911 – 2000)
5. ^b **Data Banci untuk Semenanjung Malaysia**
Census data for Peninsular Malaysia
6. ^c **Anggaran penduduk pertengahan tahun dan terdiri daripada Negeri-negeri Bersekutu (Negeri Sembilan, Pahang, Perak & Selangor)**
Estimated mid – year population and comprised of the Federated Malay States (Negeri Sembilan, Pahang, Perak & Selangor)
7. ^d **Anggaran penduduk pertengahan tahun dan terdiri daripada negeri-negeri di Semenanjung Malaysia**
Estimated mid – year population and comprised of the states in Peninsular Malaysia
8. ^e **Anggaran Penduduk pertengahan tahun Antara Banci untuk Semenanjung Malaysia**
Mid – year Intercensal Population Estimates for Peninsular Malaysia
9. ^f **Anggaran Penduduk pertengahan tahun Antara Banci untuk Malaysia**
Mid – year Intercensal Population Estimates for Malaysia
10. ^g **Termasuk data Banci di Sabah dan Sarawak**
Include Census data in Sabah and Sarawak

Jumlah campuran mungkin berbeza kerana pembundaran

The added total may differ due to rounding

JADUAL 22.2 : KADAR UTAMA DEMOGRAFI, MALAYSIA, 1911 – 2017

Table 22.2 : Main Demographic Rates, Malaysia, 1911 – 2017

Tahun <i>Year</i>	Kadar Pertambahan Semula Jadi Kasar <i>Crude Rate of Natural Increase</i>	Kadar Kelahiran Kasar <i>Crude Birth Rate</i>	Kadar Kematian Kasar <i>Crude Death Rate</i>	Kadar Kesuburan Jumlah <i>Total Fertility Rate</i>	Kadar Mortality Neonatal <i>Neonatal Mortality Rate</i>	Kadar Mortality Bayi <i>Infant Mortality Rate</i>	Kadar Mortality Kanak- kanak <i>Toddler Mortality Rate</i>	Nisbah Mortality Ibu Bersalin <i>Maternal Mortality Rate</i>
1911	..	19.4	39.1	..	..	..	..	..
1912	..	23.5	37.8	..	..	..	..	..
1913	..	23.1	34.0	..	..	..	..	..
1914	..	24.6	34.3	..	..	..	..	..
1915	..	25.3	28.9	..	..	..	..	..
1916	..	24.2	30.6	..	..	..	..	..
1917	..	27.9	34.2	..	..	..	..	..
1918	..	25.8	52.9	..	..	..	..	..
1919	..	24.6	29.4	..	..	..	..	..
1920	..	27.1	32.3	..	..	..	..	..
1921	..	27.2	28.5	..	..	..	..	..
1922	..	25.5	25.6	..	..	171.0	..	..
1923	..	25.3	24.1	..	..	180.0	..	..
1924	..	27.3	23.2	..	..	181.0	..	..
1925	..	28.1	22.9	..	..	177.0	..	..
1926	..	..	..	..	..	..	..	..
1927	..	30.5	30.7	..	..	203.0	..	..
1928	..	32.5	28.0	..	..	182.0	..	..
1929	..	32.4	24.6	..	..	178.0	..	..
1930	..	36.5	24.1	..	..	163.0	..	..
1931	..	33.3	19.1	..	..	139.0	..	..
1932	15.5	34.0	18.5	..	..	137.2	..	..
1933	..	35.5	20.2	..	..	146.0	..	1084.8
1934	..	35.4	21.4	..	..	163.0	..	974.1
1935	16.0	35.9	19.9	..	58.6	144.2	..	955.7
1936	..	38.7	19.2	..	..	142.0	..	1008.3
1937	17.9	37.8	19.9	..	58.1	146.9	..	901.7
1938	20.5	39.7	19.1	..	54.3	146.6	..	854.8
1939	23.4	41.0	17.5	..	49.2	126.9	..	834.1
1940	21.1	39.7	18.6	..	49.2	134.3	..	765.9
1946	..	..	..	..	31.9	91.7	..	668.1
1947	23.6	43.0	19.4	..	40.2	102.2	..	700.1
1948	24.2	40.4	16.3	..	36.4	89.6	..	583.0
1949	29.6	43.8	14.2	..	33.4	80.6	..	533.7
1950	26.2	42.0	15.8	..	34.4	101.6	..	533.9
1951	28.3	43.6	15.3	..	31.5	97.3	..	569.8
1952	30.8	44.4	13.6	..	32.1	90.0	..	520.0
1953	31.3	43.7	12.4	..	31.1	83.4	..	471.6
1954	31.6	43.8	12.2	..	30.2	83.1	..	475.9
1955	31.6	43.0	11.5	..	29.5	78.4	11.1	418.0
1956	34.3	45.5	11.3	..	30.1	75.2	9.1	396.2
1957	33.7	46.2	12.4	..	29.6	75.5	10.6	282.2
1958	32.3	43.3	11.0	6.3	32.2	79.6	9.0	277.3
1959	32.4	42.1	9.7	6.2	28.6	66.0	8.0	209.6
1960	31.4	40.9	9.5	6.0	30.1	68.9	8.0	242.3
1961	32.6	41.8	9.2	6.2	28.6	59.7	8.0	200.3
1962	31.0	40.4	9.4	6.0	30.8	59.3	7.6	230.0
1963	29.7	38.1	8.5	6.0	26.5	55.5	7.0	206.4
1964	30.5	38.2	7.7	6.0	23.0	47.2	5.8	187.4
1965	28.5	36.1	7.5	5.6	25.0	48.5	5.8	186.4
1966	29.4	36.7	7.3	5.7	23.6	46.6	5.1	169.6
1967	27.7	34.9	7.2	5.4	22.6	44.0	5.4	162.4
1968	28.0	35.2	7.2	5.4	21.6	40.7	5.4	162.3
1969	26.3	33.3	7.0	5.1	21.8	41.4	4.9	154.7
1970	25.7	32.4	6.7	4.9	21.4	39.4	4.2	140.8

JADUAL 22.2 : KADAR UTAMA DEMOGRAFI, MALAYSIA, 1911 – 2017 (samb.)

Table 22.2 : Main Demographic Rates, Malaysia, 1911 – 2017 (cont'd)

Tahun Year	Kadar Pertambahan Semula Jadi Kasar Crude Rate of Natural Increase	Kadar Kelahiran Kasar Crude Birth Rate	Kadar Kematian Kasar Crude Death Rate	Kadar Kesuburan Jumlah Total Fertility Rate	Kadar Mortality Neonatal Neonatal Mortality Rate	Kadar Mortality Bayi Infant Mortality Rate	Kadar Mortality Kanak- kanak Toddler Mortality Rate	Nisbah Mortality Ibu Bersalin Maternal Mortality Rate
1971	26.3	32.8	6.6	4.9	20.8	37.2	4.0	112.2
1972	25.9	32.2	6.3	4.7	21.0	36.1	3.4	99.0
1973	24.8	31.1	6.3	4.5	21.4	36.8	3.7	97.4
1974	25.3	31.3	6.0	4.4	20.5	33.8	3.1	90.1
1975	24.8	30.7	6.0	4.3	19.3	32.2	3.1	77.3
1976	25.3	30.9	5.7	4.2	16.9	28.8	2.6	72.7
1977	24.5	30.3	5.8	4.1	16.7	29.3	2.9	70.7
1978	24.3	29.7	5.4	4.0	15.5	26.1	2.3	75.5
1979	25.0	30.4	5.4	4.0	14.9	25.1	2.4	59.6
1980	25.4	30.6	5.3	4.0	14.2	23.8	2.1	56.4
1981	26.3	31.2	4.9	4.0	12.3	19.9	1.7	53.0
1982	26.0	31.0	5.0	4.0	12.1	19.5	1.7	45.4
1983	25.1	30.2	5.1	3.8	12.3	20.2	1.7	35.5
1984	25.9	31.0	5.0	3.9	11.4	17.5	1.5	36.1
1985	26.6	31.5	5.0	4.0	10.4	16.4	1.4	33.3
1986	25.8	30.6	4.7	3.9	9.9	15.5	1.2	25.4
1987	24.7	29.3	4.5	3.7	9.3	14.5	1.1	24.0
1988	25.0	29.7	4.6	3.7	9.1	14.1	1.1	24.2
1989	22.2	26.8	4.6	3.4	8.6	13.4	1.0	19.6
1990	23.3	27.9	4.6	3.5	8.5	13.1	0.9	18.6
1991	23.0	27.6	4.5	3.4	8.1	12.5	0.9	19.2
1992	23.2	27.7	4.5	3.5	7.9	12.1	0.8	19.5
1993	23.2	27.6	4.5	3.5	7.5	11.3	0.8	19.6
1994	22.2	26.7	4.5	3.4	7.1	10.9	0.8	19.2
1995	21.5	26.1	4.6	3.3	6.8	10.3	0.8	19.3
1996	21.1	25.6	4.5	3.2	6.0	9.0	0.7	15.6
1997	20.4	24.8	4.5	3.1	6.0	9.4	0.7	16.8
1998	18.8	23.5	4.8	3.0	6.3	10.6	0.8	29.1
1999	17.9	22.8	4.9	2.9	5.5	9.3	0.7	36.2
2000	18.6	22.9	4.3	2.9	3.1	6.0	0.5	24.4
2001	16.7	21.0	4.3	2.7	3.7	6.5	0.5	29.9
2002	15.7	20.2	4.5	2.6	3.8	6.9	0.5	32.2
2003	14.7	19.2	4.5	2.5	3.7	6.6	0.5	28.5
2004	14.4	18.9	4.4	2.5	3.7	6.5	0.4	27.2
2005	13.8	18.2	4.4	2.4	3.9	6.7	0.4	27.4
2006	13.4	17.8	4.4	2.3	3.8	6.3	0.4	26.9
2007	13.3	17.7	4.5	2.3	3.8	6.3	0.4	28.8
2008	13.3	17.9	4.6	2.3	4.0	6.4	0.4	27.0
2009	13.2	17.9	4.7	2.2	4.3	6.9	0.4	26.7
2010	12.6	17.2	4.6	2.1	4.3	6.7	0.4	26.1
2011	12.9	17.6	4.7	2.2	4.2	6.5	0.4	26.2
2012	13.1	17.8	4.7	2.2	4.0	6.2	0.4	23.2
2013	12.0	16.7	4.7	2.0	4.0	6.3	0.4	21.4
2014	12.3	17.2	4.9	2.1	4.2	6.7	0.4	22.3
2015	11.7	16.7	5.0	2.0	4.3	6.9	0.4	23.8
2016	10.9	16.1	5.1	1.9	4.2	6.7	0.4	29.1
2017 ^P	10.9	16.1	5.2	1.9	..	7.3	..	..

Nota / Notes :

Pertambahan semula jadi / Natural increase

1932 – 1962 : **Semenanjung Malaysia/ Peninsular Malaysia**

1963 – 2017 : **Malaysia**

Kematian Neonatal/ Neonatal death

1935 – 1962 : **Semenanjung Malaysia/ Peninsular Malaysia**

1963 – 1964 : **Semenanjung Malaysia dan Sabah sahaja / Peninsular Malaysia and Sabah**

1965 – 2016 : **Malaysia**

Kematian bayi/ Infant death

1922 – 1962 : **Semenanjung Malaysia/ Peninsular Malaysia**

1963 – 2017 : **Malaysia**

Kematian kanak-kanak/ Toddler death

1955 – 1979 : **Semenanjung Malaysia / Peninsular Malaysia**

1980 – 2016 : **Malaysia**

Kematian Ibu Bersalin/ Maternal death

1933 – 1962 : **Semenanjung Malaysia / Peninsular Malaysia**

1963 – 2016 : **Malaysia**

Kelahiran hidup dan Kematian / Live birth and death

1911 – 1962 : **Semenanjung Malaysia/ Peninsular Malaysia**

1963 – 2017 : **Malaysia**

Kadar kesuburan jumlah/ Total fertility rate

1958 – 1969 : **Semenanjung Malaysia /Peninsular Malaysia**

1970 – 2017 : **Malaysia**

JADUAL 22.3 : JANGKAAN HAYAT KETIKA LAHIR MENGIKUT KUMPULAN ETNIK DAN JANTINA, MALAYSIA, 1966 – 2017

Table 22.3 : *Life Expectancy at Birth by Ethnic Group and Sex, Malaysia, 1966 – 2017*

Tahun Year	Jumlah Total		Bumiputera		Cina Chinese		India Indian		Lain-lain * Others	
	Lelaki Male	Perempuan Female	Lelaki Male	Perempuan Female	Lelaki Male	Perempuan Female	Lelaki Male	Perempuan Female	Lelaki Male	Perempuan Female
1966	63.1	66.0	61.3	62.5	66.2	72.2	62.5	61.9	..	..
1967	63.5	66.3	61.7	63.0	66.6	71.9	62.2	62.1	69.5	73.9
1968	63.3	66.1	61.7	62.9	66.2	71.7	61.4	60.2	..	..
1969	63.8	66.7	62.4	63.8	66.6	72.0	61.6	61.2	..	..
1970	61.6	65.6	60.8	62.7	64.0	71.3	59.0	61.3	61.4	67.6
1971	62.6	66.5	62.3	64.1	64.6	71.5	59.2	61.8	..	..
1972	62.8	66.8	62.6	64.5	64.8	71.6	59.2	61.8	..	..
1973	63.2	67.4	63.3	65.3	65.0	71.9	59.2	62.0	..	..
1974	63.6	68.0	63.7	66.0	65.5	72.4	59.3	62.4	..	..
1975	64.3	68.7	64.4	66.6	66.0	72.9	59.9	63.3	..	..
1976	64.7	69.2	64.7	67.2	66.5	73.2	60.6	64.4	..	..
1977	65.3	69.8	65.4	68.0	66.9	73.5	61.5	65.3	..	..
1978	65.6	70.0	65.7	68.4	67.2	73.7	62.0	65.9	..	..
1979	65.8	70.4	66.2	69.1	67.6	73.8	62.2	66.4	..	..
1980	66.4	70.5	66.5	68.9	68.0	74.0	62.1	67.0	66.6	71.5
1981	66.9	71.2	67.0	69.8	68.6	74.5	62.4	67.4	68.0	72.3
1982	67.1	71.3	67.1	69.7	69.1	74.7	62.6	67.5	68.3	72.5
1983	67.1	71.6	67.2	70.1	69.0	74.9	62.4	67.7	68.2	72.7
1984	67.2	71.8	67.4	70.5	69.2	75.1	62.4	67.9	68.5	73.4
1985	67.7	72.4	67.9	71.2	69.5	75.5	63.0	68.8	68.9	74.6
1986	68.2	72.6	68.3	71.4	70.0	75.7	63.5	69.3	69.6	74.8
1987	68.5	72.9	68.6	71.7	70.3	75.9	64.2	69.4	70.3	75.6
1988	68.7	73.1	68.8	71.9	70.5	76.0	64.3	69.7	70.4	75.0
1989	68.8	73.3	68.8	72.2	70.5	76.2	64.3	69.8	70.0	74.2
1990	68.9	73.5	69.0	72.4	70.6	76.3	64.4	70.4	70.4	73.7
1991	69.2	73.4	69.4	72.3	70.7	76.4	64.2	71.3	67.6	69.5
1992	69.4	73.8	69.6	72.9	71.0	76.6	64.4	71.8	68.9	71.5
1993	69.6	74.0	69.6	73.1	71.4	76.7	64.7	72.0	68.1	71.4
1994	69.6	74.1	69.6	73.3	71.6	76.9	64.7	72.3	66.7	71.0
1995	69.5	74.3	69.5	73.4	71.9	77.1	64.9	72.5	65.2	70.3
1996	69.5	74.3	69.4	73.4	71.9	77.2	64.8	72.5	65.6	70.7
1997	69.7	74.5	69.5	73.5	72.2	77.3	65.2	73.0	66.6	71.5
1998	69.5	74.3	69.0	73.2	72.1	77.3	65.1	73.0	68.8	72.7
1999	69.7	74.4	68.9	73.1	72.2	77.4	65.3	73.4	71.1	74.3

JADUAL 22.3 : JANGKAAN HAYAT KETIKA LAHIR MENGIKUT KUMPULAN ETNIK DAN JANTINA, MALAYSIA, 1966 – 2017 (samb.)

Table 22.3 : *Life Expectancy at Birth by Ethnic Group and Sex, Malaysia, 1966 – 2017 (cont'd)*

Tahun Year	Jumlah Total		Bumiputera		Cina Chinese		India Indian		Lain-lain * Others	
	Lelaki Male	Perempuan Female	Lelaki Male	Perempuan Female	Lelaki Male	Perempuan Female	Lelaki Male	Perempuan Female	Lelaki Male	Perempuan Female
2000	70.0	74.7	69.0	73.3	72.4	77.6	65.7	73.5	73.6	75.7
2001	70.6	75.1	69.5	73.7	72.8	77.9	66.4	73.7	76.3	78.3
2002	70.8	75.3	69.6	73.9	73.0	78.1	66.8	74.1	76.1	77.5
2003	70.9	75.6	69.7	74.2	73.1	78.3	66.8	74.5	76.2	77.5
2004	71.1	75.9	69.9	74.4	73.3	78.5	67.2	75.1	75.6	76.6
2005	71.4	76.2	70.1	74.7	73.6	78.9	67.6	75.4	75.9	77.0
2006	71.5	76.3	70.2	74.7	73.8	79.0	67.9	75.5	76.4	77.4
2007	71.5	76.3	70.2	74.8	73.9	79.2	67.9	75.7	76.6	77.4
2008	71.6	76.4	70.2	74.8	73.9	79.3	67.9	75.7	76.8	77.5
2009	71.6	76.5	70.2	74.8	74.0	79.5	68.0	75.8	77.1	77.7
2010	71.9	76.6	70.7	75.4	74.4	79.1	67.6	75.7	75.7	76.7
2011	72.1	76.8	70.9	75.6	74.6	79.3	67.6	75.8	75.9	76.9
2012	72.2	76.9	71.0	75.7	74.8	79.6	67.6	75.8	75.9	77.2
2013	72.3	76.9	71.1	75.7	74.8	79.6	67.7	75.8	75.9	77.3
2014	72.4	77.0	71.2	75.8	74.8	79.7	67.7	75.8	76.0	77.3
2015	72.5	77.1	71.2	75.9	74.9	79.8	67.8	76.0	76.0	77.3
2016 ^p	72.5	77.2	71.3	76.0	75.0	80.0	67.8	76.2	76.2	77.4
2017 ^e	72.7	77.4	71.4	76.2	75.0	80.2	67.8	76.3	76.2	77.5

Nota / Notes : * Termasuk bukan warganegara Malaysia / includes non-Malaysian

1966 – 1990 : Semenanjung Malaysia / Peninsular Malaysia

1991 – 2017 : Malaysia

^p Permulaan

^e Anggaran

JADUAL 22.4 : KADAR KESUBURAN UMUR TERTENTU DAN KADAR KESUBURAN JUMLAH, MALAYSIA, 1958 – 2016

Table 22.4 : Age-Specific Fertility Rate and Total Fertility Rate, Malaysia, 1958 – 2016

Tahun Year	Kadar Kesuburan Umur Tertentu							Kadar Kesuburan Jumlah
	Age-Specific Fertility Rate (ASFR)							Total Fertility Rate (TFR)
	15 – 19	20 – 24	25 – 29	30 – 34	35 – 39	40 – 44	45 – 49	
1958	128	318	318	243	162	67	19	6,275
1959	123	313	305	237	168	69	20	6,175
1960	114	306	301	241	160	68	19	6,045
1961	118	313	314	258	160	67	9	6,195
1962	105	299	318	257	157	65	7	6,040
1963	91	284	323	252	153	72	19	5,970
1964	85	282	322	248	156	79	22	5,970
1965	80	261	302	241	155	67	20	5,630
1966	78	259	306	253	163	67	19	5,725
1967	68	247	292	241	153	59	17	5,385
1968	65	240	291	250	152	61	18	5,385
1969	58	225	274	234	141	59	20	5,055
1970	58	226	262	214	142	57	18	4,885
1971	58	225	258	217	145	57	14	4,870
1972	56	215	253	211	141	54	12	4,710
1973	53	205	242	199	136	50	12	4,485
1974	53	207	241	195	130	48	10	4,420
1975	53	198	240	183	122	49	10	4,275
1976	49	200	244	182	117	46	9	4,235
1977	48	191	232	177	115	47	8	4,090
1978	45	187	230	170	106	45	7	3,950
1979	44	184	234	177	107	45	7	3,990
1980	43	183	237	180	106	42	7	3,990
1981	42	184	237	181	110	42	7	4,015
1982	40	179	233	181	112	41	6	3,960
1983	37	171	227	177	108	39	6	3,825
1984	36	170	234	184	113	39	5	3,905
1985	35	167	239	193	115	41	6	3,980
1986	34	159	230	184	115	43	5	3,850
1987	31	148	221	178	110	43	5	3,680
1988	29	147	226	183	111	41	4	3,705
1989	28	135	197	163	102	41	5	3,355

JADUAL 22.4 : KADAR KESUBURAN UMUR TERTENTU DAN KADAR KESUBURAN JUMLAH, MALAYSIA, 1958 – 2016 (samb.)

Table 22.4 : Age-Specific Fertility Rate and Total Fertility Rate, Malaysia, 1958 – 2016 (cont'd)

Tahun Year	Kadar Kesuburan Umur Tertentu							Kadar Kesuburan Jumlah
	Age-Specific Fertility Rate (ASFR)							Total Fertility Rate (TFR)
	15 – 19	20 – 24	25 – 29	30 – 34	35 – 39	40 – 44	45 – 49	
1990	29	139	209	172	104	40	5	3,490
1991	28	139	208	170	102	38	4	3,447
1992	28	140	209	172	103	38	5	3,473
1993	27	140	212	172	101	37	4	3,466
1994	26	134	205	168	98	35	4	3,353
1995	23	131	203	165	96	34	4	3,278
1996	23	129	199	164	95	32	4	3,226
1997	21	123	196	159	92	30	3	3,125
1998	19	116	183	151	90	30	3	2,971
1999	17	102	181	153	92	31	4	2,896
2000	15	95	184	159	95	33	4	2,926
2001	15	88	168	146	90	31	4	2,709
2002	13	81	163	145	86	30	4	2,609
2003	13	76	157	139	83	27	3	2,494
2004	13	72	154	138	81	27	3	2,450
2005	12	69	149	136	79	25	3	2,362
2006	12	66	145	134	76	25	3	2,299
2007	12	63	142	135	76	23	3	2,274
2008	13	64	139	137	76	24	2	2,274
2009	14	63	135	137	76	23	2	2,245
2010	14	58	128	131	73	21	2	2,136
2011	14	57	129	135	76	22	2	2,174
2012	14	56	130	136	78	22	2	2,188
2013	13	51	122	124	73	20	2	2,022
2014	13	51	123	127	77	21	2	2,072
2015	12	48	118	124	76	21	2	2,002
2016	10	47	111	120	74	20	2	1,918

Nota / Notes :

1953 – 1969 : Semenanjung Malaysia/ Peninsular Malaysia

1970 – 2016 : Malaysia