



**JABATAN PERDANA MENTERI
JABATAN PERANGKAAN MALAYSIA**

JADUAL HAYAT RINGKAS, MALAYSIA, 2020-2022

ABRIDGED LIFE TABLES, MALAYSIA, 2020-2022

Pemakluman

Jabatan Perangkaan Malaysia (DOSM) sedang menjalankan Survei Pendapatan, Perbelanjaan Isi Rumah dan Kemudahan Asas (HIES/BA) 2022 bermula dari 1 Januari 2022 sehingga 31 Disember 2022 dan Survei Ekonomi Tahunan (AES) 2022 bermula dari 15 April 2022 sehingga 30 September 2022. DOSM amat menghargai kerjasama daripada responden yang terpilih untuk memberikan maklumat kepada DOSM serta menjayakan survei ini. Sila layari www.dosm.gov.my untuk maklumat lanjut.

Penerbitan statistik ekonomi dan sosial iaitu PocketStats yang mengandungi statistik suku tahunan dan tahunan boleh diperolehi dari portal DOSM atau melalui pautan https://bit.ly/PocketStats_2022.

Dimaklumkan bahawa Kerajaan Malaysia telah mengisytiharkan Hari Statistik Negara (MyStats Day) pada 20 Oktober setiap tahun. Tema sambutan MyStats Day adalah "Connecting the World with Data We Can Trust".

Announcement

The Department of Statistics Malaysia (DOSM) is conducting the Household Income, Expenditure and Basic Amenities Survey (HIES/BA) 2022 from 1st January 2022 until 31st December 2022 and the Annual Economic Survey (AES) 2022 from 15th April 2022 until 30th September 2022. DOSM greatly appreciates the cooperation given by selected respondents by sharing their information with DOSM and making the survey a success. Please visit www.dosm.gov.my for more information.

Economic and social statistics publication namely PocketStats which contain quarterly and annual statistics can be obtained from the DOSM portal or via the link https://bit.ly/PocketStats_2022.

Please be informed that the Government of Malaysia has declared National Statistics Day (MyStats Day) on October 20 each year. MyStats Day theme is "Connecting the World with Data We Can Trust".

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KATA PENGANTAR

Jadual Hayat Ringkas, Malaysia, 2020-2022 mengandungi jadual hayat ringkas mengikut kumpulan umur, kumpulan etnik dan jantina di peringkat Malaysia dan negeri. Jadual hayat ringkas ini dijana menggunakan statistik kematian pertengahan tahun dan anggaran penduduk pertengahan tahun. Statistik berkaitan jadual hayat ringkas yang diterbitkan dalam laporan ini adalah berdasarkan konsep dan garis panduan daripada *Model Life Tables for Developing Countries*, yang diterbitkan oleh *United Nations* (1982) dan *Modified Logit Life Table System: Principles, Empirical Validation and Application* yang diterbitkan oleh *World Health Organization* (2003).

Jangkaan hayat ketika lahir digunakan secara meluas untuk mengukur paras keseluruhan mortaliti penduduk manakala nisbah ketakatan diperlukan sebagai input utama dalam penyediaan unjuran penduduk. Statistik ini turut digunakan sebagai input utama dalam pembentukan, pelaksanaan dan pemantauan dasar di peringkat nasional dan antarabangsa terutamanya dalam bidang kependudukan, kesihatan dan ekonomi.

Penerbitan ini mengandungi lima bahagian utama. Bahagian pertama penerbitan ini membentangkan infografik dan ringkasan penemuan, manakala bahagian kedua memuatkan jadual ringkasan peringkat Malaysia. Bahagian ketiga dan keempat pula memuatkan jadual terperinci peringkat Malaysia dan negeri bagi membantu pengguna membuat analisis. Bahagian terakhir mengandungi nota teknikal yang menerangkan konsep, definisi dan metodologi bagi membantu pengguna memahami statistik yang diterbitkan.

Jabatan merakamkan setinggi-tinggi penghargaan kepada semua pihak yang telah menyumbang dalam penyediaan penerbitan ini. Setiap maklum balas dan cadangan daripada semua pihak untuk penambahbaikan penerbitan ini pada masa akan datang amat dihargai.

DATO' SRI DR. MOHD UZIR MAHIDIN
Ketua Perangkawan Malaysia

September 2022

PREFACE

Abridged Life Tables, Malaysia, 2020-2022 contains abridged life tables by age group, ethnic group and sex at Malaysia and state. The abridged life tables are generated based on the mid-year deaths and mid-year population estimates. The statistics on abridged life tables published in this report adopted the concepts and guidelines from Model Life Tables for Developing Countries, published by United Nations (1982) and Modified Logit Life Table System: Principles, Empirical Validation and Application published by World Health Organization (2003).

Life expectancy at birth is used widely to measure the level of mortality of the population while the survival ratio is required as a key input in the preparation of population projections. These statistics are also used as inputs in the formulation, implementation and monitoring of policy at the national and international levels in the field of population, health and economy.

This publication consists of five main parts. The first part of this publication presents the infographic and summary of findings, while the second part presents a summary table at Malaysia level. The third and fourth parts include a detailed table at Malaysia and state to facilitate users in conducting analysis. The last part contains technical notes consisting of the concepts, definitions and methodology is also incorporated in this publication to assist users in understanding the published statistics.

The Department gratefully acknowledges the cooperation rendered by all parties who have contributed in preparing this publication. Every feedback and suggestion from all parties towards improving the future publication is highly appreciated.

DATO' SRI DR. MOHD UZIR MAHIDIN

Chief Statistician, Malaysia

September 2022

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PENEMUAN UTAMA

MAIN FINDINGS



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STATISTIK JANGKAAN HAYAT, MALAYSIA, 2022^e

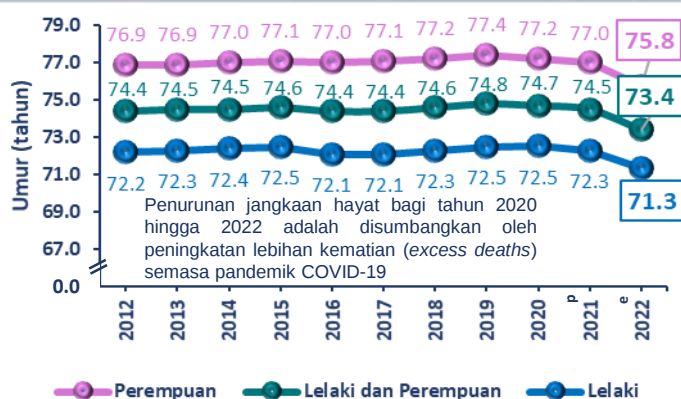
2012 74.4 tahun

2022^e 73.4 tahun

Penurunan jangkaan hayat bagi tahun 2020 hingga 2022 adalah disumbangkan oleh peningkatan lebihan kematian (*excess deaths*) semasa pandemik COVID-19

01

JANGKAAN HAYAT KETIKA LAHIR, 2012-2022



Perempuan dijangka hidup lebih lama daripada lelaki dengan perbezaan antara jangkaan hayat adalah **4.5 tahun** pada 2022

02

JANGKAAN HAYAT KETIKA LAHIR MENGIKUT KEWARGANEGARAAN

WARGANEGARA



BUKAN WARGANEGARA



03

JANGKAAN HAYAT KETIKA LAHIR MENGIKUT KUMPULAN ETNIK



Etnik Cina mencatatkan jangkaan hayat ketika lahir tertinggi pada 2022 berbanding etnik lain iaitu 73.5 tahun (lelaki) dan 79.4 tahun (perempuan)

04

JANGKAAN HAYAT PADA UMUR TERTENTU

PADA UMUR 15 TAHUN



Seorang lelaki pada umur **15 tahun** dijangka hidup selama **56.9 tahun** lagi dan perempuan selama **61.3 tahun** lagi

PADA UMUR 60 TAHUN



Seorang lelaki pada umur **60 tahun** dijangka hidup selama **17.5 tahun** lagi dan perempuan selama **20.1 tahun** lagi

PADA UMUR 65 TAHUN



Seorang lelaki pada umur **65 tahun** dijangka hidup selama **14.2 tahun** lagi dan perempuan selama **16.4 tahun** lagi

05

JANGKAAN HAYAT KETIKA LAHIR MENGIKUT NEGERI, MALAYSIA, 2022^e



Lelaki dan Perempuan:
73.4 tahun



Lelaki:
71.3 tahun



Perempuan:
75.8 tahun



JOHOR

Lelaki dan Perempuan:
73.1 tahun
♂ Lelaki: 71.2 tahun
♀ Perempuan: 75.4 tahun



KEDAH

Lelaki dan Perempuan:
70.9 tahun
♂ Lelaki: 68.6 tahun
♀ Perempuan: 73.4 tahun



KELANTAN

Lelaki dan Perempuan:
71.0 tahun
♂ Lelaki: 68.7 tahun
♀ Perempuan: 73.3 tahun



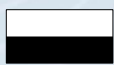
MELAKA

Lelaki dan Perempuan:
72.5 tahun
♂ Lelaki: 70.2 tahun
♀ Perempuan: 74.8 tahun



NEGERI SEMBILAN

Lelaki dan Perempuan:
72.4 tahun
♂ Lelaki: 70.2 tahun
♀ Perempuan: 74.9 tahun



PAHANG

Lelaki dan Perempuan:
72.4 tahun
♂ Lelaki: 70.2 tahun
♀ Perempuan: 75.1 tahun



PERAK

Lelaki dan Perempuan:
73.1 tahun
♂ Lelaki: 70.3 tahun
♀ Perempuan: 76.1 tahun



PERLIS

Lelaki dan Perempuan:
72.3 tahun
♂ Lelaki: 69.4 tahun
♀ Perempuan: 75.3 tahun



PULAU PINANG

Lelaki dan Perempuan:
73.2 tahun
♂ Lelaki: 70.9 tahun
♀ Perempuan: 75.8 tahun



SABAH

Lelaki dan Perempuan:
73.5 tahun
♂ Lelaki: 72.0 tahun
♀ Perempuan: 75.2 tahun



SARAWAK

Lelaki dan Perempuan:
74.3 tahun
♂ Lelaki: 72.1 tahun
♀ Perempuan: 76.9 tahun



SELANGOR

Lelaki dan Perempuan:
75.2 tahun
♂ Lelaki: 73.3 tahun
♀ Perempuan: 77.5 tahun



TERENGGANU

Lelaki dan Perempuan:
71.0 tahun
♂ Lelaki: 69.0 tahun
♀ Perempuan: 73.1 tahun



W.P. KUALA LUMPUR

Lelaki dan Perempuan:
74.0 tahun
♂ Lelaki: 71.8 tahun
♀ Perempuan: 76.6 tahun



W.P. LABUAN

Lelaki dan Perempuan:
74.5 tahun
♂ Lelaki: 72.4 tahun
♀ Perempuan: 76.8 tahun



W.P. PUTRAJAYA

Lelaki dan Perempuan:
74.5 tahun
♂ Lelaki: 71.9 tahun
♀ Perempuan: 77.0 tahun

Enam negeri mencatatkan jangkaan hayat melebihi jangkaan hayat **paras nasional** (73.4 tahun) iaitu **Selangor** (75.2 tahun), **W.P. Putrajaya** (74.5 tahun), **W.P. Labuan** (74.5 tahun), **Sarawak** (74.3 tahun), **W.P. Kuala Lumpur** (74.0 tahun) dan **Sabah** (73.5 tahun) pada 2022.

06

JANGKAAN HAYAT KETIKA LAHIR MENGIKUT NEGARA ASEAN, 2021^a



Singapore

83.5
81.1
85.9



Thailand

78.7
74.5
83.0



Brunei Darussalam

74.6
72.6
76.9



Viet Nam

73.6
69.1
78.2



Malaysia

73.4
71.3
75.8



Cambodia

69.6
66.8
72.3



Philippines

69.3
67.2
71.5



Lao PDR

68.1
66.2
70.1



Indonesia

67.6
65.5
69.7



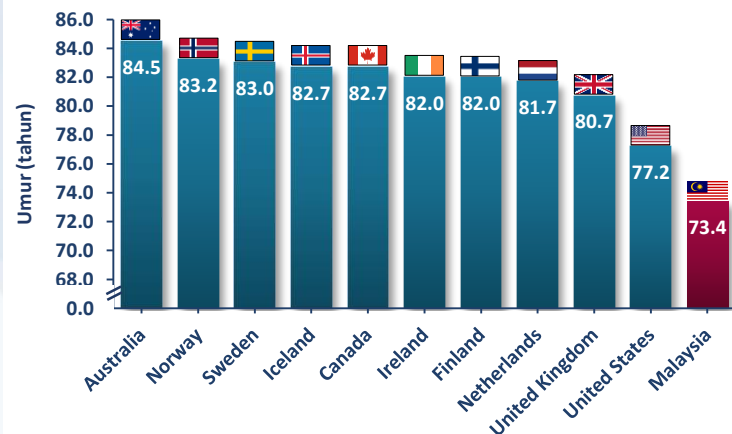
Myanmar

65.7
62.5
69.0

0 10 20 30 40 50 60 70 80 90
■ Lelaki dan Perempuan ■ Lelaki ■ Perempuan
Umur (tahun)

07

JANGKAAN HAYAT KETIKA LAHIR MENGIKUT NEGARA TERPILIH, 2021^a



Nota:

^e Anggaran

^a Statistik jangkaan hayat ketika lahir bagi negara ASEAN dan negara terpilih diperoleh melalui *World Population Prospects*, dikemaskini Julai 2022 kecuali Malaysia dan Singapore (keluaran terkini)

LELAKI DAN PEREMPUAN

Negeri	Tahun										
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021 ^P	2022 ^e
Malaysia	74.4	74.5	74.5	74.6	74.4	74.4	74.6	74.8	74.7	74.5	73.4
Johor	74.1	74.2	74.3	74.3	74.2	74.1	74.3	74.4	74.3	74.0	73.1
Kedah	73.0	73.0	73.1	73.1	72.9	73.0	73.1	73.4	73.1	72.8	70.9
Kelantan	71.9	71.9	71.9	72.0	72.0	72.2	72.4	72.6	72.2	72.0	71.0
Melaka	74.1	74.4	74.5	74.6	74.5	74.5	74.7	74.9	74.0	73.5	72.5
Negeri Sembilan	73.4	73.5	73.5	73.6	73.4	73.4	73.5	73.8	73.3	73.5	72.4
Pahang	72.8	73.0	73.1	73.2	73.3	73.4	73.6	73.9	72.9	73.0	72.4
Perak	73.7	73.8	74.0	74.0	74.0	73.9	74.0	74.2	73.7	73.8	73.1
Perlis	72.8	72.9	73.0	73.0	72.4	72.0	72.0	72.0	72.8	72.9	72.3
Pulau Pinang	74.7	74.7	74.8	74.8	74.8	74.9	75.2	75.5	74.2	74.1	73.2
Sabah	73.2	73.5	73.5	73.8	74.2	74.2	74.2	74.2	74.3	74.0	73.5
Sarawak	75.9	76.1	76.3	76.3	76.3	76.2	76.4	76.3	75.1	74.8	74.3
Selangor	75.0	75.1	75.1	75.1	75.1	75.1	75.4	75.7	77.4	77.0	75.2
Terengganu	71.2	71.3	71.3	71.4	71.6	71.8	72.1	72.2	71.7	71.8	71.0
W.P. Kuala Lumpur	75.9	76.0	76.1	76.2	76.6	76.5	76.7	76.9	76.4	75.7	74.0
W.P. Labuan	75.5	75.3	76.1	76.3	77.4	77.3	77.6	77.6	75.4	74.8	74.5
W.P. Putrajaya	73.5	71.7	71.7	72.1	72.3	72.2	73.3	73.8	74.5	74.9	74.5

LELAKI

Negeri	Tahun										
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021 ^P	2022 ^e
Malaysia	72.2	72.3	72.4	72.5	72.1	72.1	72.3	72.5	72.5	72.3	71.3
Johor	72.0	72.0	72.1	72.1	71.9	71.8	72.0	72.1	72.1	71.9	71.2
Kedah	70.2	70.3	70.4	70.4	70.2	70.3	70.4	70.7	70.4	70.2	68.6
Kelantan	68.9	69.0	69.0	69.0	69.0	69.3	69.6	69.7	69.6	69.5	68.7
Melaka	71.6	71.9	72.0	72.1	71.9	71.8	72.0	72.2	71.8	71.3	70.2
Negeri Sembilan	70.9	70.9	71.0	71.0	70.6	70.5	70.6	70.9	70.4	71.1	70.2
Pahang	70.3	70.4	70.6	70.7	70.9	71.0	71.2	71.5	70.7	70.8	70.2
Perak	71.0	71.1	71.2	71.3	71.1	71.0	71.1	71.3	71.1	71.1	70.3
Perlis	70.2	70.3	70.3	70.3	70.0	69.4	69.2	69.3	70.2	70.2	69.4
Pulau Pinang	72.2	72.3	72.3	72.4	72.3	72.3	72.6	72.9	72.0	71.9	70.9
Sabah	71.7	71.9	72.0	72.2	72.6	72.5	72.6	72.5	72.6	72.3	72.0
Sarawak	74.3	74.4	74.5	74.6	74.5	74.4	74.6	74.5	72.9	72.6	72.1
Selangor	73.1	73.2	73.2	73.1	73.1	73.1	73.4	73.6	75.5	75.1	73.3
Terengganu	68.5	68.6	68.6	68.7	68.9	69.1	69.4	69.6	69.1	69.5	69.0
W.P. Kuala Lumpur	74.1	74.1	74.2	74.3	74.6	74.4	74.5	74.6	74.1	73.5	71.8
W.P. Labuan	73.9	73.8	74.7	74.7	76.2	76.0	76.2	76.3	73.6	73.2	72.4
W.P. Putrajaya	73.2	71.6	71.5	72.5	72.6	71.7	72.8	72.5	72.2	72.3	71.9

PEREMPUAN

Negeri	Tahun										
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021 ^P	2022 ^e
Malaysia	76.9	76.9	77.0	77.1	77.0	77.1	77.2	77.4	77.2	77.0	75.8
Johor	76.7	76.8	76.9	77.0	76.9	76.9	77.1	77.3	76.9	76.6	75.4
Kedah	76.1	76.1	76.1	76.1	75.9	76.0	76.2	76.4	76.1	75.6	73.4
Kelantan	75.0	75.1	75.1	75.1	75.1	75.2	75.5	75.8	75.1	74.8	73.3
Melaka	76.9	77.2	77.3	77.4	77.2	77.5	77.6	77.8	76.4	76.0	74.8
Negeri Sembilan	76.4	76.4	76.4	76.6	76.7	76.8	76.9	77.0	76.4	76.2	74.9
Pahang	75.9	76.2	76.2	76.3	76.2	76.3	76.4	76.6	75.7	75.8	75.1
Perak	76.8	76.9	77.0	77.1	77.3	77.2	77.3	77.4	76.7	76.8	76.1
Perlis	75.7	75.8	75.8	75.9	75.0	74.8	74.8	74.9	75.6	75.8	75.3
Pulau Pinang	77.4	77.5	77.5	77.6	77.7	77.7	78.0	78.2	76.7	76.7	75.8
Sabah	75.1	75.4	75.4	75.8	76.2	76.3	76.1	76.3	76.4	76.0	75.2
Sarawak	77.8	78.2	78.3	78.3	78.3	78.2	78.4	78.4	77.6	77.5	76.9
Selangor	77.2	77.3	77.3	77.4	77.4	77.4	77.7	78.0	79.6	79.2	77.5
Terengganu	74.3	74.3	74.4	74.5	74.6	74.9	75.2	75.2	74.6	74.5	73.1
W.P. Kuala Lumpur	78.1	78.2	78.2	78.3	79.0	79.0	79.3	79.5	79.1	78.3	76.6
W.P. Labuan	77.5	77.1	77.7	78.1	78.7	78.7	79.0	79.0	77.3	76.6	76.8
W.P. Putrajaya	73.8	71.8	71.7	71.8	72.0	72.6	73.5	74.5	76.7	77.4	77.0

PENDUDUK DAN INDIKATOR DEMOGRAFI

Negeri	Penduduk (juta)										
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ^e
Malaysia	29.5	30.2	30.7	31.2	31.6	32.0	32.4	32.5	32.5	32.6	32.7
Johor	3.5	3.5	3.6	3.6	3.7	3.7	3.8	3.8	4.0	4.0	4.0
Kedah	2.0	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.1	2.2	2.2
Kelantan	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.8	1.8	1.8
Melaka	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0
Negeri Sembilan	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
Pahang	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.6	1.6	1.6
Perak	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Perlis	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Pulau Pinang	1.6	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.7	1.7	1.7
Sabah	3.4	3.6	3.7	3.7	3.8	3.9	3.9	3.9	3.4	3.4	3.4
Sarawak	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.5	2.5	2.5
Selangor	5.7	5.9	6.1	6.2	6.3	6.4	6.5	6.5	7.0	7.0	7.0
Terengganu	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
W.P. Kuala Lumpur	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	2.0	2.0	2.0
W.P. Labuan	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
W.P. Putrajaya	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Negeri	Kadar Pertambahan Semulajadi Kasar (bagi setiap 1,000 penduduk)										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Malaysia	12.6	12.9	13.1	12.0	12.3	11.7	10.9	10.6	10.2	9.7	9.3
Johor	11.9	12.2	12.5	11.4	11.9	11.5	10.9	10.9	10.7	10.2	9.6
Kedah	12.0	12.2	12.1	11.0	11.4	11.0	10.5	10.4	9.8	9.3	9.2
Kelantan	16.5	17.1	16.4	15.7	16.6	16.1	15.4	15.3	14.5	13.5	13.3
Melaka	10.4	11.2	11.5	10.4	11.3	10.8	10.2	9.7	9.7	9.2	9.0
Negeri Sembilan	10.8	11.3	11.4	10.5	11.4	10.8	10.2	9.8	9.7	9.1	9.0
Pahang	12.1	12.6	12.7	12.0	12.8	12.2	11.5	11.1	10.7	9.9	9.9
Perak	8.7	9.0	8.8	7.8	8.0	7.8	7.2	6.7	6.1	5.7	5.4
Perlis	10.3	10.6	10.4	9.5	11.6	10.3	10.0	9.7	9.2	8.1	8.4
Pulau Pinang	7.7	8.3	9.0	7.2	7.9	7.1	6.4	6.2	5.4	5.2	5.0
Sabah	14.3	14.0	14.6	13.4	12.3	11.3	10.3	10.1	10.0	9.8	8.9
Sarawak	12.5	12.8	12.4	11.0	11.0	10.2	9.3	8.9	8.2	8.0	7.6
Selangor	14.5	15.1	15.2	13.8	14.3	13.6	12.6	12.1	11.5	10.9	10.4
Terengganu	17.4	17.2	17.8	17.1	18.0	18.0	17.5	17.3	17.2	15.8	16.2
W.P. Kuala Lumpur	10.8	11.0	11.7	10.5	11.2	10.2	9.9	9.2	8.8	8.4	8.4
W.P. Labuan	15.7	17.0	16.9	16.4	17.0	17.9	15.2	14.7	14.2	13.8	14.0
W.P. Putrajaya	31.8	36.7	38.4	35.3	35.5	32.2	28.5	26.1	22.5	20.3	17.6

Negeri	Kadar Kelahiran Kasar (bagi setiap 1,000 penduduk)										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Malaysia	17.2	17.6	17.8	16.7	17.2	16.7	16.1	15.9	15.5	15.0	14.4
Johor	16.7	17.1	17.5	16.5	17.0	16.8	16.3	16.5	16.3	16.0	15.1
Kedah	18.0	18.2	18.2	17.2	17.7	17.5	17.0	17.1	16.5	15.8	15.5
Kelantan	22.6	23.3	22.4	21.6	22.8	22.2	21.4	21.4	20.6	19.5	19.0
Melaka	15.8	16.8	16.9	16.0	16.7	16.4	16.0	15.8	15.6	15.2	14.9
Negeri Sembilan	16.5	16.9	16.9	16.3	17.3	16.9	16.4	16.2	16.2	15.5	15.2
Pahang	17.3	17.7	17.7	17.2	18.1	17.5	17.0	16.7	16.2	15.4	15.1
Perak	15.1	15.6	15.5	14.5	14.9	14.7	14.4	14.0	13.5	13.1	12.6
Perlis	17.4	17.5	17.3	16.7	18.4	17.4	17.5	17.6	17.2	15.9	16.1
Pulau Pinang	13.4	14.0	14.7	12.9	13.6	13.1	12.7	12.3	11.7	11.4	11.1
Sabah	16.6	16.4	16.9	15.7	15.6	14.7	13.7	13.6	13.6	13.5	12.7
Sarawak	16.7	17.2	16.8	15.3	15.4	14.7	13.9	13.6	13.1	13.0	12.6
Selangor	17.9	18.5	18.9	17.5	18.0	17.5	16.6	16.3	15.8	15.1	14.3
Terengganu	23.0	23.0	23.5	22.9	23.7	23.8	23.3	23.1	23.0	21.7	21.6
W.P. Kuala Lumpur	14.6	15.1	15.9	14.7	15.6	14.5	14.4	13.8	13.5	13.4	13.1
W.P. Labuan	18.5	19.4	19.6	19.1	19.9	20.5	18.1	17.3	17.1	16.8	17.2
W.P. Putrajaya	33.1	38.2	40.2	37.3	37.9	34.6	30.4	28.8	24.7	22.3	19.5

PENDUDUK DAN INDIKATOR DEMOGRAFI

Negeri	Kadar Kesuburan Jumlah (bagi setiap perempuan berumur 15-49 tahun)										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Malaysia	2.1	2.2	2.2	2.0	2.1	2.0	1.9	1.9	1.8	1.8	1.7
Johor	2.1	2.2	2.2	2.1	2.2	2.1	2.1	2.1	2.1	2.1	1.9
Kedah	2.6	2.6	2.6	2.4	2.5	2.4	2.3	2.3	2.2	2.1	2.0
Kelantan	3.7	3.8	3.6	3.4	3.6	3.4	3.2	3.2	3.0	2.8	2.7
Melaka	2.1	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.7
Negeri Sembilan	2.3	2.3	2.3	2.2	2.3	2.3	2.2	2.1	2.1	2.0	2.0
Pahang	2.5	2.5	2.5	2.4	2.5	2.4	2.3	2.2	2.1	2.0	1.9
Perak	2.3	2.4	2.3	2.2	2.2	2.1	2.0	1.9	1.9	1.8	1.7
Perlis	2.6	2.6	2.5	2.4	2.5	2.4	2.3	2.3	2.2	2.0	2.0
Pulau Pinang	1.6	1.6	1.7	1.5	1.6	1.5	1.4	1.4	1.3	1.3	1.3
Sabah	1.8	1.8	1.8	1.7	1.7	1.6	1.4	1.4	1.4	1.4	1.3
Sarawak	2.2	2.2	2.2	1.9	2.0	1.9	1.7	1.7	1.6	1.6	1.5
Selangor	1.9	2.0	2.0	1.8	1.9	1.8	1.7	1.7	1.7	1.6	1.6
Terengganu	3.5	3.5	3.5	3.3	3.4	3.4	3.2	3.2	3.1	2.9	2.9
W.P. Kuala Lumpur	1.5	1.6	1.6	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5
W.P. Labuan	2.0	2.1	2.0	2.0	2.1	2.1	1.9	1.8	1.8	1.8	1.9
W.P. Putrajaya	2.4	2.7	2.9	2.6	2.8	2.7	2.6	2.6	2.6	3.3	2.8

Negeri	Kadar Kematian Kasar (bagi setiap 1,000 penduduk)										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Malaysia	4.6	4.7	4.7	4.7	4.9	5.0	5.1	5.3	5.3	5.3	5.1
Johor	4.8	4.8	5.0	5.1	5.0	5.2	5.5	5.6	5.6	5.8	5.5
Kedah	6.0	6.0	6.1	6.1	6.3	6.5	6.5	6.7	6.7	6.6	6.3
Kelantan	6.2	6.2	6.0	6.0	6.1	6.1	6.0	6.1	6.1	6.0	5.7
Melaka	5.4	5.5	5.4	5.5	5.4	5.6	5.8	6.0	5.9	6.0	5.8
Negeri Sembilan	5.6	5.6	5.6	5.8	5.9	6.1	6.2	6.4	6.5	6.4	6.2
Pahang	5.1	5.1	5.0	5.2	5.2	5.3	5.5	5.6	5.6	5.5	5.2
Perak	6.5	6.7	6.8	6.7	6.9	7.0	7.2	7.2	7.4	7.5	7.1
Perlis	7.1	6.9	6.9	7.2	6.8	7.1	7.5	8.0	8.1	7.8	7.7
Pulau Pinang	5.8	5.7	5.6	5.7	5.8	6.0	6.2	6.2	6.4	6.2	6.0
Sabah	2.3	2.4	2.3	2.3	3.3	3.4	3.4	3.6	3.6	3.7	3.8
Sarawak	4.2	4.4	4.4	4.3	4.4	4.5	4.6	4.7	5.0	5.0	5.0
Selangor	3.4	3.5	3.7	3.7	3.7	3.9	4.1	4.2	4.2	4.3	3.9
Terengganu	5.6	5.8	5.6	5.8	5.7	5.8	5.8	5.8	5.8	5.9	5.3
W.P. Kuala Lumpur	3.9	4.1	4.1	4.2	4.4	4.3	4.5	4.6	4.7	4.9	4.7
W.P. Labuan	2.8	2.4	2.7	2.7	2.9	2.6	2.9	2.5	2.9	3.0	3.2
W.P. Putrajaya	1.3	1.5	1.8	2.1	2.4	2.3	1.9	2.6	2.2	2.0	1.9

Negeri	Kadar Mortaliti Neonatal (bagi setiap 1,000 kelahiran hidup)										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Malaysia	4.3	4.2	4.0	4.0	4.2	4.3	4.2	4.4	4.6	4.1	3.9
Johor	4.4	3.9	4.4	4.1	4.0	4.7	4.8	4.5	4.3	3.9	4.2
Kedah	5.4	4.5	4.9	4.4	4.5	4.1	4.8	3.8	4.2	4.0	3.7
Kelantan	5.4	4.9	5.2	4.8	5.5	4.3	5.0	5.1	5.1	5.0	4.0
Melaka	5.2	5.7	4.7	3.6	3.7	3.2	4.2	4.2	4.9	4.5	4.8
Negeri Sembilan	4.6	4.1	4.8	4.7	4.4	4.8	4.3	5.7	6.1	5.2	4.1
Pahang	4.3	5.6	4.7	6.1	4.1	4.7	4.3	4.7	4.6	4.6	3.5
Perak	4.9	4.0	4.2	4.5	3.9	3.9	4.4	4.6	4.4	4.5	4.5
Perlis	5.8	6.2	4.1	7.7	4.9	5.3	3.9	2.5	6.4	4.5	6.6
Pulau Pinang	4.6	4.9	4.4	4.0	3.5	4.6	4.6	3.9	4.3	3.9	3.6
Sabah	2.6	2.0	2.1	2.0	5.4	7.1	3.3	6.1	6.3	3.9	5.5
Sarawak	4.2	4.2	3.8	3.4	3.7	3.4	3.5	4.2	3.8	3.2	3.4
Selangor	3.6	3.8	3.3	3.6	3.1	3.3	3.6	3.7	4.1	3.7	3.0
Terengganu	6.1	6.0	5.4	6.2	5.8	5.1	4.4	4.1	4.2	4.8	3.9
W.P. Kuala Lumpur	3.2	4.1	2.9	3.0	3.7	3.1	4.1	3.8	4.0	3.2	2.5
W.P. Labuan	7.4	6.9	5.1	6.3	5.3	5.6	5.1	4.2	7.1	4.2	5.3
W.P. Putrajaya	4.5	5.4	4.8	6.1	4.6	4.2	5.4	4.8	5.0	3.5	4.2

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PENDUDUK DAN INDIKATOR DEMOGRAFI

Negeri	Kadar Mortaliti Kurang Daripada 5 tahun (bagi setiap 1,000 kelahiran hidup)										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Malaysia	8.4	8.0	7.6	7.9	8.3	8.4	8.1	8.4	8.8	7.7	6.9
Johor	8.6	7.8	8.5	7.7	7.4	8.5	9.0	8.2	8.4	7.7	6.9
Kedah	9.2	7.8	8.5	8.3	7.9	7.8	8.6	7.3	8.0	7.9	6.2
Kelantan	10.7	9.7	9.9	9.3	10.1	8.1	9.5	9.3	8.9	8.9	7.2
Melaka	9.5	10.2	8.3	7.8	7.1	7.0	7.9	7.9	8.3	7.5	7.7
Negeri Sembilan	9.2	8.5	8.4	9.0	8.0	8.4	7.5	9.9	10.4	8.8	7.1
Pahang	10.1	11.7	10.7	11.5	9.4	9.7	9.2	9.3	9.0	8.9	6.6
Perak	10.6	8.2	8.4	9.0	7.8	8.1	8.6	8.5	8.4	8.6	7.5
Perlis	10.0	12.7	8.9	10.1	8.0	8.8	6.8	6.7	10.3	6.9	10.5
Pulau Pinang	8.5	8.5	7.7	7.3	7.0	7.5	8.0	7.0	7.6	6.4	6.0
Sabah	5.0	4.6	4.2	4.7	12.9	14.0	7.2	12.4	12.7	8.0	10.7
Sarawak	8.3	7.9	7.7	7.5	7.4	6.9	7.5	7.9	9.5	7.1	7.0
Selangor	7.0	7.0	6.5	7.4	6.5	6.5	7.4	7.2	7.8	7.2	5.4
Terengganu	10.3	10.9	9.3	11.0	9.6	9.6	8.6	7.5	7.3	8.2	6.6
W.P. Kuala Lumpur	7.2	7.6	5.6	6.0	7.1	6.5	7.4	7.7	7.3	5.8	4.5
W.P. Labuan	12.3	9.2	9.0	9.2	9.1	9.7	9.7	7.1	10.1	9.6	8.2
W.P. Putrajaya	8.6	9.1	10.8	11.1	12.7	9.4	10.9	9.1	11.3	9.1	7.0

Negeri	Nisbah Mortaliti Ibu Bersalin (bagi setiap 100,000 kelahiran hidup)										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Malaysia	26.1	26.2	23.2	21.4	22.3	23.8	29.1	25.0	23.5	21.1	24.9
Johor	21.4	29.2	26.5	20.9	26.5	23.1	26.9	24.6	27.8	20.0	19.4
Kedah	42.7	25.0	19.2	11.4	27.4	35.3	13.9	27.3	25.3	17.4	3.0
Kelantan	44.4	31.8	13.5	33.0	28.0	20.5	26.0	25.6	18.2	24.5	35.9
Melaka	15.4	28.6	7.0	14.6	34.3	41.2	27.8	27.8	27.8	-	21.7
Negeri Sembilan	35.4	45.3	11.2	34.3	37.5	21.7	5.5	22.1	33.0	51.7	41.0
Pahang	27.0	40.6	32.8	18.5	24.4	10.7	36.2	29.0	33.3	19.4	23.7
Perak	25.0	24.0	23.9	22.6	13.7	33.1	28.0	20.1	23.6	21.3	19.0
Perlis	48.6	-	24.1	-	44.4	69.5	-	22.5	-	49.5	24.4
Pulau Pinang	37.8	13.4	21.0	14.0	17.5	27.0	50.5	41.9	19.3	29.8	35.7
Sabah	14.8	34.6	32.7	28.2	17.4	34.7	57.6	26.7	18.9	26.6	36.6
Sarawak	24.1	25.4	27.8	7.4	14.6	17.6	15.8	21.2	30.0	16.5	19.8
Selangor	18.3	21.2	17.6	26.2	17.4	19.4	29.6	24.0	19.6	17.3	24.7
Terengganu	33.0	20.2	27.2	27.5	33.3	18.1	21.8	21.5	10.6	18.5	22.1
W.P. Kuala Lumpur	24.5	15.7	37.1	11.8	18.5	3.9	27.2	24.3	41.3	21.0	30.3
W.P. Labuan	61.3	-	-	-	-	-	57.1	-	-	-	58.5
W.P. Putrajaya	-	-	-	-	65.3	69.7	-	-	-	-	-

Nota: - Tiada kes

STATISTICS OF LIFE EXPECTANCY, MALAYSIA, 2022^e



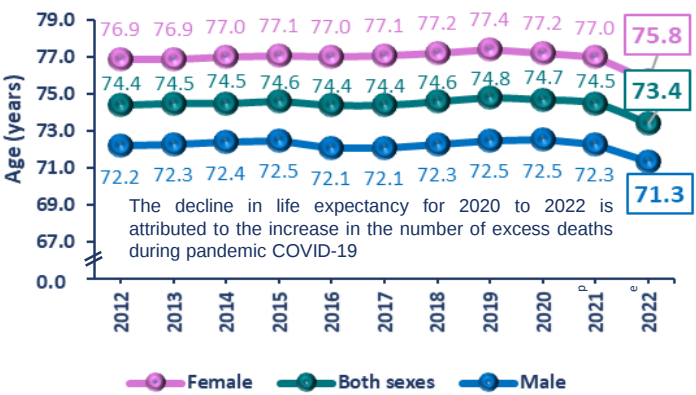
2012 **74.4 years**

2022^e **73.4 years**

The decline in life expectancy for 2020 to 2022 is attributed to the increase in the number of excess deaths during pandemic COVID-19



01 LIFE EXPECTANCY AT BIRTH, 2012-2022



In terms of life expectancy, females outlived males by **4.5 years** in 2022

02 LIFE EXPECTANCY AT BIRTH BY CITIZENSHIP

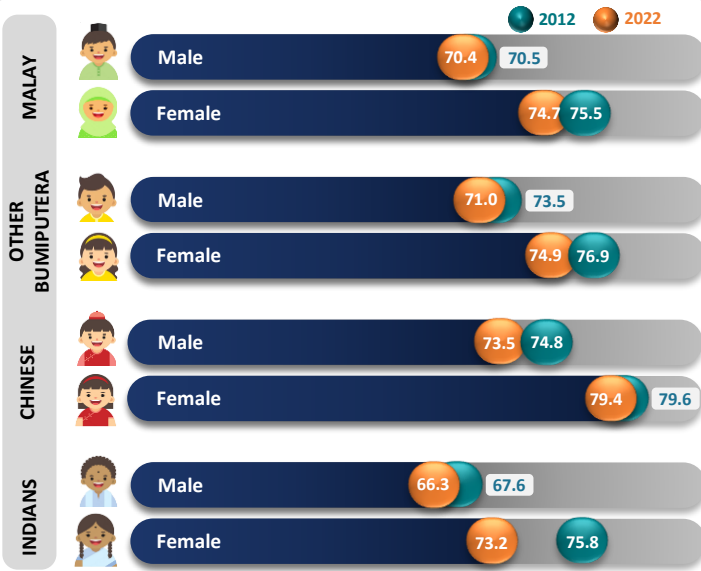
CITIZEN



NON-CITIZEN



03 LIFE EXPECTANCY AT BIRTH BY ETHNIC GROUP



Chinese recorded the highest life expectancy at birth in 2022 as compared to other ethnic group with 73.5 years (male) and 79.4 years (female)

04 LIFE EXPECTANCY AT SPECIFIC AGE

AT AGE 15 YEARS



AT AGE 60 YEARS



AT AGE 65 YEARS



05

LIFE EXPECTANCY AT BIRTH BY STATE, MALAYSIA, 2022^e



Both sexes: 73.4 years Male: 71.3 years Female: 75.8 years

MALAYSIA


JOHOR

Both sexes: 73.1 years
Male: 71.2 years
Female: 75.4 years


KEDAH

Both sexes: 70.9 years
Male: 68.6 years
Female: 73.4 years


KELANTAN

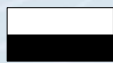
Both sexes: 71.0 years
Male: 68.7 years
Female: 73.3 years


MELAKA

Both sexes: 72.5 years
Male: 70.2 years
Female: 74.8 years


NEGERI SEMBILAN

Both sexes: 72.4 years
Male: 70.2 years
Female: 74.9 years


PAHANG

Both sexes: 72.4 years
Male: 70.2 years
Female: 75.1 years


PERAK

Both sexes: 73.1 years
Male: 70.3 years
Female: 76.1 years


PERLIS

Both sexes: 72.3 years
Male: 69.4 years
Female: 75.3 years


PULAU PINANG

Both sexes: 73.2 years
Male: 70.9 years
Female: 75.8 years


SABAH

Both sexes: 73.5 years
Male: 72.0 years
Female: 75.2 years


SARAWAK

Both sexes: 74.3 years
Male: 72.1 years
Female: 76.9 years


SELANGOR

Both sexes: 75.2 years
Male: 73.3 years
Female: 77.5 years


TERENGGANU

Both sexes: 71.0 years
Male: 69.0 years
Female: 73.1 years


W.P. KUALA LUMPUR

Both sexes: 74.0 years
Male: 71.8 years
Female: 76.6 years


W.P. LABUAN

Both sexes: 74.5 years
Male: 72.4 years
Female: 76.8 years


W.P. PUTRAJAYA

Both sexes: 74.5 years
Male: 71.9 years
Female: 77.0 years

Six states recorded life expectancy above the national level (73.4 years) namely **Selangor** (75.2 years), **W.P. Putrajaya** (74.5 years), **W.P. Labuan** (74.5 years), **Sarawak** (74.3 years), **W.P. Kuala Lumpur** (74.0 years) and **Sabah** (73.5 years) in 2022.

06

LIFE EXPECTANCY AT BIRTH BY ASEAN COUNTRY, 2021^a


Singapore

83.5
81.1
85.9


Thailand

78.7
74.5
83.0


Brunei Darussalam

74.6
72.6
76.9


Viet Nam

73.6
69.1
78.2


Malaysia

73.4
71.3
75.8


Cambodia

69.6
66.8
72.3


Philippines

69.3
67.2
71.5


Lao PDR

68.1
66.2
70.1


Indonesia

67.6
65.5
69.7

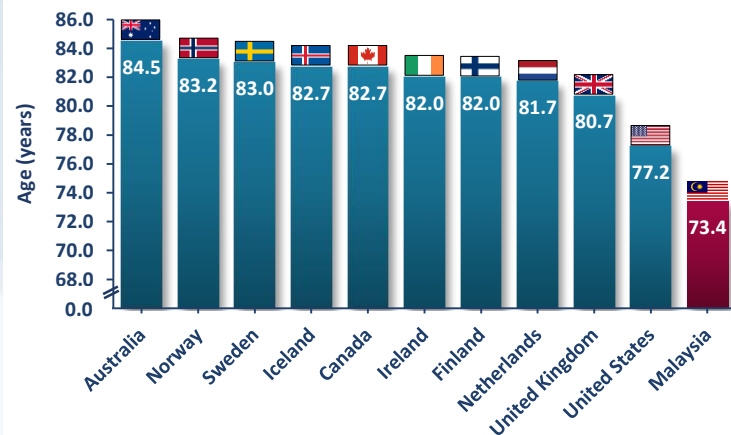

Myanmar

65.7
62.5
69.0

0 10 20 30 40 50 60 70 80 90
■ Both sexes ■ Male ■ Female
Age (years)

07

LIFE EXPECTANCY BY SELECTED COUNTRIES, 2021^a



Notes:

^e Estimates

^a Statistics of life expectancy at birth for ASEAN and selected countries are obtained from the World Population Prospects, updated July 2022 except Malaysia and Singapore (latest release)

Source: Abridged Life Tables, Malaysia, 2020-2022, Department of Statistics Malaysia (DOSM)

LIFE EXPECTANCY AT BIRTH BY STATE, MALAYSIA, 2012-2022

BOTH SEXES

State	Years										
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021 ^P	2022 ^e
Malaysia	74.4	74.5	74.5	74.6	74.4	74.4	74.6	74.8	74.7	74.5	73.4
Johor	74.1	74.2	74.3	74.3	74.2	74.1	74.3	74.4	74.3	74.0	73.1
Kedah	73.0	73.0	73.1	73.1	72.9	73.0	73.1	73.4	73.1	72.8	70.9
Kelantan	71.9	71.9	71.9	72.0	72.0	72.2	72.4	72.6	72.2	72.0	71.0
Melaka	74.1	74.4	74.5	74.6	74.5	74.5	74.7	74.9	74.0	73.5	72.5
Negeri Sembilan	73.4	73.5	73.5	73.6	73.4	73.4	73.5	73.8	73.3	73.5	72.4
Pahang	72.8	73.0	73.1	73.2	73.3	73.4	73.6	73.9	72.9	73.0	72.4
Perak	73.7	73.8	74.0	74.0	74.0	73.9	74.0	74.2	73.7	73.8	73.1
Perlis	72.8	72.9	73.0	73.0	72.4	72.0	72.0	72.0	72.8	72.9	72.3
Pulau Pinang	74.7	74.7	74.8	74.8	74.8	74.9	75.2	75.5	74.2	74.1	73.2
Sabah	73.2	73.5	73.5	73.8	74.2	74.2	74.2	74.2	74.3	74.0	73.5
Sarawak	75.9	76.1	76.3	76.3	76.3	76.2	76.4	76.3	75.1	74.8	74.3
Selangor	75.0	75.1	75.1	75.1	75.1	75.1	75.4	75.7	77.4	77.0	75.2
Terengganu	71.2	71.3	71.3	71.4	71.6	71.8	72.1	72.2	71.7	71.8	71.0
W.P. Kuala Lumpur	75.9	76.0	76.1	76.2	76.6	76.5	76.7	76.9	76.4	75.7	74.0
W.P. Labuan	75.5	75.3	76.1	76.3	77.4	77.3	77.6	77.6	75.4	74.8	74.5
W.P. Putrajaya	73.5	71.7	71.7	72.1	72.3	72.2	73.3	73.8	74.5	74.9	74.5

MALE

State	Years										
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021 ^P	2022 ^e
Malaysia	72.2	72.3	72.4	72.5	72.1	72.1	72.3	72.5	72.5	72.3	71.3
Johor	72.0	72.0	72.1	72.1	71.9	71.8	72.0	72.1	72.1	71.9	71.2
Kedah	70.2	70.3	70.4	70.4	70.2	70.3	70.4	70.7	70.4	70.2	68.6
Kelantan	68.9	69.0	69.0	69.0	69.0	69.3	69.6	69.7	69.6	69.5	68.7
Melaka	71.6	71.9	72.0	72.1	71.9	71.8	72.0	72.2	71.8	71.3	70.2
Negeri Sembilan	70.9	70.9	71.0	71.0	70.6	70.5	70.6	70.9	70.4	71.1	70.2
Pahang	70.3	70.4	70.6	70.7	70.9	71.0	71.2	71.5	70.7	70.8	70.2
Perak	71.0	71.1	71.2	71.3	71.1	71.0	71.1	71.3	71.1	71.1	70.3
Perlis	70.2	70.3	70.3	70.3	70.0	69.4	69.2	69.3	70.2	70.2	69.4
Pulau Pinang	72.2	72.3	72.3	72.4	72.3	72.3	72.6	72.9	72.0	71.9	70.9
Sabah	71.7	71.9	72.0	72.2	72.6	72.5	72.6	72.5	72.6	72.3	72.0
Sarawak	74.3	74.4	74.5	74.6	74.5	74.4	74.6	74.5	72.9	72.6	72.1
Selangor	73.1	73.2	73.2	73.1	73.1	73.1	73.4	73.6	75.5	75.1	73.3
Terengganu	68.5	68.6	68.6	68.7	68.9	69.1	69.4	69.6	69.1	69.5	69.0
W.P. Kuala Lumpur	74.1	74.1	74.2	74.3	74.6	74.4	74.5	74.6	74.1	73.5	71.8
W.P. Labuan	73.9	73.8	74.7	74.7	76.2	76.0	76.2	76.3	73.6	73.2	72.4
W.P. Putrajaya	73.2	71.6	71.5	72.5	72.6	71.7	72.8	72.5	72.2	72.3	71.9

FEMALE

State	Years										
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021 ^P	2022 ^e
Malaysia	76.9	76.9	77.0	77.1	77.0	77.1	77.2	77.4	77.2	77.0	75.8
Johor	76.7	76.8	76.9	77.0	76.9	76.9	77.1	77.3	76.9	76.6	75.4
Kedah	76.1	76.1	76.1	76.1	75.9	76.0	76.2	76.4	76.1	75.6	73.4
Kelantan	75.0	75.1	75.1	75.1	75.1	75.2	75.5	75.8	75.1	74.8	73.3
Melaka	76.9	77.2	77.3	77.4	77.2	77.5	77.6	77.8	76.4	76.0	74.8
Negeri Sembilan	76.4	76.4	76.4	76.6	76.7	76.8	76.9	77.0	76.4	76.2	74.9
Pahang	75.9	76.2	76.2	76.3	76.2	76.3	76.4	76.6	75.7	75.8	75.1
Perak	76.8	76.9	77.0	77.1	77.3	77.2	77.3	77.4	76.7	76.8	76.1
Perlis	75.7	75.8	75.8	75.9	75.0	74.8	74.8	74.9	75.6	75.8	75.3
Pulau Pinang	77.4	77.5	77.5	77.6	77.7	77.7	78.0	78.2	76.7	76.7	75.8
Sabah	75.1	75.4	75.4	75.8	76.2	76.3	76.1	76.3	76.4	76.0	75.2
Sarawak	77.8	78.2	78.3	78.3	78.3	78.2	78.4	78.4	77.6	77.5	76.9
Selangor	77.2	77.3	77.3	77.4	77.4	77.4	77.7	78.0	79.6	79.2	77.5
Terengganu	74.3	74.3	74.4	74.5	74.6	74.9	75.2	75.2	74.6	74.5	73.1
W.P. Kuala Lumpur	78.1	78.2	78.2	78.3	79.0	79.0	79.3	79.5	79.1	78.3	76.6
W.P. Labuan	77.5	77.1	77.7	78.1	78.7	78.7	79.0	79.0	77.3	76.6	76.8
W.P. Putrajaya	73.8	71.8	71.7	71.8	72.0	72.6	73.5	74.5	76.7	77.4	77.0

Notes: ^P Preliminary
^e Estimates

The statistics of life expectancy for 2020 to 2022 have been revised based on the Population and Housing Census of Malaysia 2020 (MyCensus 2020) meanwhile the statistics of life expectancy for 2010 to 2019 are based on the Census 2010 and will be revised later.

Source: Abridged Life Tables, Malaysia, 2020-2022, Department of Statistics Malaysia (DOSM)

09a

POPULATION AND DEMOGRAPHIC INDICATORS

State	Population (million)										
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ^e
Malaysia	29.5	30.2	30.7	31.2	31.6	32.0	32.4	32.5	32.5	32.6	32.7
Johor	3.5	3.5	3.6	3.6	3.7	3.7	3.8	3.8	4.0	4.0	4.0
Kedah	2.0	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.1	2.2	2.2
Kelantan	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.8	1.8	1.8
Melaka	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0
Negeri Sembilan	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
Pahang	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.6	1.6	1.6
Perak	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Perlis	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Pulau Pinang	1.6	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.7	1.7	1.7
Sabah	3.4	3.6	3.7	3.7	3.8	3.9	3.9	3.9	3.4	3.4	3.4
Sarawak	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.5	2.5	2.5
Selangor	5.7	5.9	6.1	6.2	6.3	6.4	6.5	6.5	7.0	7.0	7.0
Terengganu	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
W.P. Kuala Lumpur	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	2.0	2.0	2.0
W.P. Labuan	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
W.P. Putrajaya	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

State	Crude Rate of Natural Increase (per 1,000 population)										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Malaysia	12.6	12.9	13.1	12.0	12.3	11.7	10.9	10.6	10.2	9.7	9.3
Johor	11.9	12.2	12.5	11.4	11.9	11.5	10.9	10.9	10.7	10.2	9.6
Kedah	12.0	12.2	12.1	11.0	11.4	11.0	10.5	10.4	9.8	9.3	9.2
Kelantan	16.5	17.1	16.4	15.7	16.6	16.1	15.4	15.3	14.5	13.5	13.3
Melaka	10.4	11.2	11.5	10.4	11.3	10.8	10.2	9.7	9.7	9.2	9.0
Negeri Sembilan	10.8	11.3	11.4	10.5	11.4	10.8	10.2	9.8	9.7	9.1	9.0
Pahang	12.1	12.6	12.7	12.0	12.8	12.2	11.5	11.1	10.7	9.9	9.9
Perak	8.7	9.0	8.8	7.8	8.0	7.8	7.2	6.7	6.1	5.7	5.4
Perlis	10.3	10.6	10.4	9.5	11.6	10.3	10.0	9.7	9.2	8.1	8.4
Pulau Pinang	7.7	8.3	9.0	7.2	7.9	7.1	6.4	6.2	5.4	5.2	5.0
Sabah	14.3	14.0	14.6	13.4	12.3	11.3	10.3	10.1	10.0	9.8	8.9
Sarawak	12.5	12.8	12.4	11.0	11.0	10.2	9.3	8.9	8.2	8.0	7.6
Selangor	14.5	15.1	15.2	13.8	14.3	13.6	12.6	12.1	11.5	10.9	10.4
Terengganu	17.4	17.2	17.8	17.1	18.0	18.0	17.5	17.3	17.2	15.8	16.2
W.P. Kuala Lumpur	10.8	11.0	11.7	10.5	11.2	10.2	9.9	9.2	8.8	8.4	8.4
W.P. Labuan	15.7	17.0	16.9	16.4	17.0	17.9	15.2	14.7	14.2	13.8	14.0
W.P. Putrajaya	31.8	36.7	38.4	35.3	35.5	32.2	28.5	26.1	22.5	20.3	17.6

State	Crude Birth Rate (per 1,000 population)										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Malaysia	17.2	17.6	17.8	16.7	17.2	16.7	16.1	15.9	15.5	15.0	14.4
Johor	16.7	17.1	17.5	16.5	17.0	16.8	16.3	16.5	16.3	16.0	15.1
Kedah	18.0	18.2	18.2	17.2	17.7	17.5	17.0	17.1	16.5	15.8	15.5
Kelantan	22.6	23.3	22.4	21.6	22.8	22.2	21.4	21.4	20.6	19.5	19.0
Melaka	15.8	16.8	16.9	16.0	16.7	16.4	16.0	15.8	15.6	15.2	14.9
Negeri Sembilan	16.5	16.9	16.9	16.3	17.3	16.9	16.4	16.2	16.2	15.5	15.2
Pahang	17.3	17.7	17.7	17.2	18.1	17.5	17.0	16.7	16.2	15.4	15.1
Perak	15.1	15.6	15.5	14.5	14.9	14.7	14.4	14.0	13.5	13.1	12.6
Perlis	17.4	17.5	17.3	16.7	18.4	17.4	17.5	17.6	17.2	15.9	16.1
Pulau Pinang	13.4	14.0	14.7	12.9	13.6	13.1	12.7	12.3	11.7	11.4	11.1
Sabah	16.6	16.4	16.9	15.7	15.6	14.7	13.7	13.6	13.6	13.5	12.7
Sarawak	16.7	17.2	16.8	15.3	15.4	14.7	13.9	13.6	13.1	13.0	12.6
Selangor	17.9	18.5	18.9	17.5	18.0	17.5	16.6	16.3	15.8	15.1	14.3
Terengganu	23.0	23.0	23.5	22.9	23.7	23.8	23.3	23.1	23.0	21.7	21.6
W.P. Kuala Lumpur	14.6	15.1	15.9	14.7	15.6	14.5	14.4	13.8	13.5	13.4	13.1
W.P. Labuan	18.5	19.4	19.6	19.1	19.9	20.5	18.1	17.3	17.1	16.8	17.2
W.P. Putrajaya	33.1	38.2	40.2	37.3	37.9	34.6	30.4	28.8	24.7	22.3	19.5

Notes: ^e Estimates
The added total may differ due to rounding

Source: Abridged Life Tables, Malaysia, 2020-2022, Department of Statistics Malaysia (DOSM)

POPULATION AND DEMOGRAPHIC INDICATORS

State	Total Fertility Rate (per woman aged 15-49 years)										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Malaysia	2.1	2.2	2.2	2.0	2.1	2.0	1.9	1.9	1.8	1.8	1.7
Johor	2.1	2.2	2.2	2.1	2.2	2.1	2.1	2.1	2.1	2.1	1.9
Kedah	2.6	2.6	2.6	2.4	2.5	2.4	2.3	2.3	2.2	2.1	2.0
Kelantan	3.7	3.8	3.6	3.4	3.6	3.4	3.2	3.2	3.0	2.8	2.7
Melaka	2.1	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.7
Negeri Sembilan	2.3	2.3	2.3	2.2	2.3	2.3	2.2	2.1	2.1	2.0	2.0
Pahang	2.5	2.5	2.5	2.4	2.5	2.4	2.3	2.2	2.1	2.0	1.9
Perak	2.3	2.4	2.3	2.2	2.2	2.1	2.0	1.9	1.9	1.8	1.7
Perlis	2.6	2.6	2.5	2.4	2.5	2.4	2.3	2.3	2.2	2.0	2.0
Pulau Pinang	1.6	1.6	1.7	1.5	1.6	1.5	1.4	1.4	1.3	1.3	1.3
Sabah	1.8	1.8	1.8	1.7	1.7	1.6	1.4	1.4	1.4	1.4	1.3
Sarawak	2.2	2.2	2.2	1.9	2.0	1.9	1.7	1.7	1.6	1.6	1.5
Selangor	1.9	2.0	2.0	1.8	1.9	1.8	1.7	1.7	1.7	1.6	1.6
Terengganu	3.5	3.5	3.5	3.3	3.4	3.4	3.2	3.2	3.1	2.9	2.9
W.P. Kuala Lumpur	1.5	1.6	1.6	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5
W.P. Labuan	2.0	2.1	2.0	2.0	2.1	2.1	1.9	1.8	1.8	1.8	1.9
W.P. Putrajaya	2.4	2.7	2.9	2.6	2.8	2.7	2.6	2.6	2.6	3.3	2.8

State	Crude Death Rate (per 1,000 population)										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Malaysia	4.6	4.7	4.7	4.7	4.9	5.0	5.1	5.3	5.3	5.3	5.1
Johor	4.8	4.8	5.0	5.1	5.0	5.2	5.5	5.6	5.6	5.8	5.5
Kedah	6.0	6.0	6.1	6.1	6.3	6.5	6.5	6.7	6.7	6.6	6.3
Kelantan	6.2	6.2	6.0	6.0	6.1	6.1	6.0	6.1	6.1	6.0	5.7
Melaka	5.4	5.5	5.4	5.5	5.4	5.6	5.8	6.0	5.9	6.0	5.8
Negeri Sembilan	5.6	5.6	5.6	5.8	5.9	6.1	6.2	6.4	6.5	6.4	6.2
Pahang	5.1	5.1	5.0	5.2	5.2	5.3	5.5	5.6	5.6	5.5	5.2
Perak	6.5	6.7	6.8	6.7	6.9	7.0	7.2	7.2	7.4	7.5	7.1
Perlis	7.1	6.9	6.9	7.2	6.8	7.1	7.5	8.0	8.1	7.8	7.7
Pulau Pinang	5.8	5.7	5.6	5.7	5.8	6.0	6.2	6.2	6.4	6.2	6.0
Sabah	2.3	2.4	2.3	2.3	3.3	3.4	3.4	3.6	3.6	3.7	3.8
Sarawak	4.2	4.4	4.4	4.3	4.4	4.5	4.6	4.7	5.0	5.0	5.0
Selangor	3.4	3.5	3.7	3.7	3.7	3.9	4.1	4.2	4.2	4.3	3.9
Terengganu	5.6	5.8	5.6	5.8	5.7	5.8	5.8	5.8	5.8	5.9	5.3
W.P. Kuala Lumpur	3.9	4.1	4.1	4.2	4.4	4.3	4.5	4.6	4.7	4.9	4.7
W.P. Labuan	2.8	2.4	2.7	2.7	2.9	2.6	2.9	2.5	2.9	3.0	3.2
W.P. Putrajaya	1.3	1.5	1.8	2.1	2.4	2.3	1.9	2.6	2.2	2.0	1.9

State	Neonatal Mortality Rate (per 1,000 live births)										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Malaysia	4.3	4.2	4.0	4.0	4.2	4.3	4.2	4.4	4.6	4.1	3.9
Johor	4.4	3.9	4.4	4.1	4.0	4.7	4.8	4.5	4.3	3.9	4.2
Kedah	5.4	4.5	4.9	4.4	4.5	4.1	4.8	3.8	4.2	4.0	3.7
Kelantan	5.4	4.9	5.2	4.8	5.5	4.3	5.0	5.1	5.1	5.0	4.0
Melaka	5.2	5.7	4.7	3.6	3.7	3.2	4.2	4.2	4.9	4.5	4.8
Negeri Sembilan	4.6	4.1	4.8	4.7	4.4	4.8	4.3	5.7	6.1	5.2	4.1
Pahang	4.3	5.6	4.7	6.1	4.1	4.7	4.3	4.7	4.6	4.6	3.5
Perak	4.9	4.0	4.2	4.5	3.9	3.9	4.4	4.6	4.4	4.5	4.5
Perlis	5.8	6.2	4.1	7.7	4.9	5.3	3.9	2.5	6.4	4.5	6.6
Pulau Pinang	4.6	4.9	4.4	4.0	3.5	4.6	4.6	3.9	4.3	3.9	3.6
Sabah	2.6	2.0	2.1	2.0	5.4	7.1	3.3	6.1	6.3	3.9	5.5
Sarawak	4.2	4.2	3.8	3.4	3.7	3.4	3.5	4.2	3.8	3.2	3.4
Selangor	3.6	3.8	3.3	3.6	3.1	3.3	3.6	3.7	4.1	3.7	3.0
Terengganu	6.1	6.0	5.4	6.2	5.8	5.1	4.4	4.1	4.2	4.8	3.9
W.P. Kuala Lumpur	3.2	4.1	2.9	3.0	3.7	3.1	4.1	3.8	4.0	3.2	2.5
W.P. Labuan	7.4	6.9	5.1	6.3	5.3	5.6	5.1	4.2	7.1	4.2	5.3
W.P. Putrajaya	4.5	5.4	4.8	6.1	4.6	4.2	5.4	4.8	5.0	3.5	4.2

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POPULATION AND DEMOGRAPHIC INDICATORS

State	Under-5 Mortality Rate (per 1,000 live births)										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Malaysia	8.4	8.0	7.6	7.9	8.3	8.4	8.1	8.4	8.8	7.7	6.9
Johor	8.6	7.8	8.5	7.7	7.4	8.5	9.0	8.2	8.4	7.7	6.9
Kedah	9.2	7.8	8.5	8.3	7.9	7.8	8.6	7.3	8.0	7.9	6.2
Kelantan	10.7	9.7	9.9	9.3	10.1	8.1	9.5	9.3	8.9	8.9	7.2
Melaka	9.5	10.2	8.3	7.8	7.1	7.0	7.9	7.9	8.3	7.5	7.7
Negeri Sembilan	9.2	8.5	8.4	9.0	8.0	8.4	7.5	9.9	10.4	8.8	7.1
Pahang	10.1	11.7	10.7	11.5	9.4	9.7	9.2	9.3	9.0	8.9	6.6
Perak	10.6	8.2	8.4	9.0	7.8	8.1	8.6	8.5	8.4	8.6	7.5
Perlis	10.0	12.7	8.9	10.1	8.0	8.8	6.8	6.7	10.3	6.9	10.5
Pulau Pinang	8.5	8.5	7.7	7.3	7.0	7.5	8.0	7.0	7.6	6.4	6.0
Sabah	5.0	4.6	4.2	4.7	12.9	14.0	7.2	12.4	12.7	8.0	10.7
Sarawak	8.3	7.9	7.7	7.5	7.4	6.9	7.5	7.9	9.5	7.1	7.0
Selangor	7.0	7.0	6.5	7.4	6.5	6.5	7.4	7.2	7.8	7.2	5.4
Terengganu	10.3	10.9	9.3	11.0	9.6	9.6	8.6	7.5	7.3	8.2	6.6
W.P. Kuala Lumpur	7.2	7.6	5.6	6.0	7.1	6.5	7.4	7.7	7.3	5.8	4.5
W.P. Labuan	12.3	9.2	9.0	9.2	9.1	9.7	9.7	7.1	10.1	9.6	8.2
W.P. Putrajaya	8.6	9.1	10.8	11.1	12.7	9.4	10.9	9.1	11.3	9.1	7.0

State	Maternal Mortality Ratio (per 100,000 live births)										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Malaysia	26.1	26.2	23.2	21.4	22.3	23.8	29.1	25.0	23.5	21.1	24.9
Johor	21.4	29.2	26.5	20.9	26.5	23.1	26.9	24.6	27.8	20.0	19.4
Kedah	42.7	25.0	19.2	11.4	27.4	35.3	13.9	27.3	25.3	17.4	3.0
Kelantan	44.4	31.8	13.5	33.0	28.0	20.5	26.0	25.6	18.2	24.5	35.9
Melaka	15.4	28.6	7.0	14.6	34.3	41.2	27.8	27.8	27.8	-	21.7
Negeri Sembilan	35.4	45.3	11.2	34.3	37.5	21.7	5.5	22.1	33.0	51.7	41.0
Pahang	27.0	40.6	32.8	18.5	24.4	10.7	36.2	29.0	33.3	19.4	23.7
Perak	25.0	24.0	23.9	22.6	13.7	33.1	28.0	20.1	23.6	21.3	19.0
Perlis	48.6	-	24.1	-	44.4	69.5	-	22.5	-	49.5	24.4
Pulau Pinang	37.8	13.4	21.0	14.0	17.5	27.0	50.5	41.9	19.3	29.8	35.7
Sabah	14.8	34.6	32.7	28.2	17.4	34.7	57.6	26.7	18.9	26.6	36.6
Sarawak	24.1	25.4	27.8	7.4	14.6	17.6	15.8	21.2	30.0	16.5	19.8
Selangor	18.3	21.2	17.6	26.2	17.4	19.4	29.6	24.0	19.6	17.3	24.7
Terengganu	33.0	20.2	27.2	27.5	33.3	18.1	21.8	21.5	10.6	18.5	22.1
W.P. Kuala Lumpur	24.5	15.7	37.1	11.8	18.5	3.9	27.2	24.3	41.3	21.0	30.3
W.P. Labuan	61.3	-	-	-	-	-	57.1	-	-	-	58.5
W.P. Putrajaya	-	-	-	-	65.3	69.7	-	-	-	-	-

Note: - No cases

SEPINTAS LALU STATISTIK JANGKAAN HAYAT MENGIKUT NEGERI



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SEPINTAS LALU STATISTIK JANGKAAN HAYAT



MALAYSIA

LELAKI DAN
PEREMPUAN

2022^e: 73.4 TAHUN
2012: 74.4 TAHUN

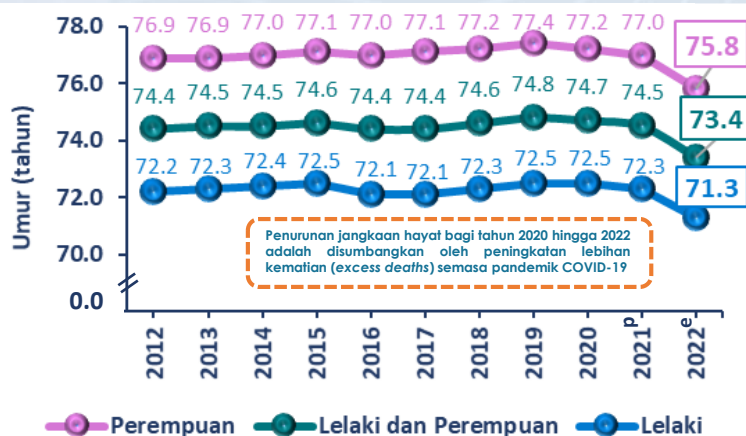
LELAKI

2022^e: 71.3 TAHUN
2012: 72.2 TAHUN

PEREMPUAN

2022^e: 75.8 TAHUN
2012: 76.9 TAHUN

JANGKAAN HAYAT KETIKA LAHIR, 2012-2022



PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2022 dijangka boleh hidup sehingga **75.8 tahun** manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **71.3 tahun**.

Bagi tempoh 2012 hingga 2019 (7 tahun), **jangkaan hayat ketika lahir meningkat 0.4 tahun dengan lelaki meningkat 0.3 tahun dan perempuan, 0.5 tahun**. Walau bagaimanapun, bagi tahun 2020 hingga 2022 (3 tahun), **jangkaan hayat ketika lahir menurun 1.3 tahun dengan jangkaan hayat ketika lahir bagi lelaki menurun 1.2 tahun manakala perempuan menurun 1.4 tahun**. Penurunan jangkaan hayat bagi tahun 2020 hingga 2022 adalah disumbangkan oleh peningkatan lebihan kematian semasa pandemik COVID-19 pada 2021.

JANGKAAN HAYAT PADA UMUR TERTENTU, 2012 & 2022^e

Malaysia				
Tahun	2012		2022 ^e	
Umur tertentu	Lelaki	Perempuan	Lelaki	Perempuan
0 tahun	72.2 tahun	76.9 tahun	71.3 tahun	75.8 tahun
15 tahun	58.0 tahun	62.6 tahun	56.9 tahun	61.3 tahun
60 tahun	18.0 tahun	20.4 tahun	17.5 tahun	20.1 tahun
65 tahun	14.5 tahun	16.4 tahun	14.2 tahun	16.4 tahun

PENEMUAN UTAMA

Lelaki dan perempuan yang mencapai umur **15 tahun** pada 2022 masing-masing **dijangka hidup selama 56.9 tahun dan 61.3 tahun lagi**. Ini bermakna, lelaki pada umur **15 tahun** dijangka hidup sehingga **71.9 tahun** dan perempuan dijangka hidup sehingga **76.3 tahun**.

PENEMUAN UTAMA

Lelaki dan perempuan yang berumur **60 tahun** pada 2022 masing-masing **dijangka hidup selama 17.5 tahun dan 20.1 tahun lagi**. Ini bermakna, seorang lelaki yang berumur **60 tahun** dijangka hidup sehingga **77.5 tahun** dan perempuan sehingga **80.1 tahun**.

Nota: ^p Permulaan ^e Anggaran

SEPINTAS LALU STATISTIK JANGKAAN HAYAT



JOHOR

**LELAKI DAN
PEREMPUAN**

2022^e: 73.1 TAHUN
2012: 74.1 TAHUN

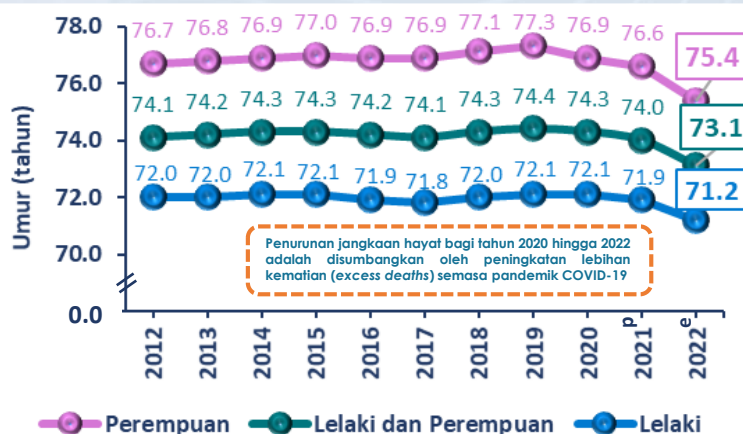
LELAKI

2022^e: 71.2 TAHUN
2012: 72.0 TAHUN

PEREMPUAN

2022^e: 75.4 TAHUN
2012: 76.7 TAHUN

JANGKAAN HAYAT KETIKA LAHIR, 2012-2022



PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2022 dijangka boleh hidup sehingga **75.4 tahun** manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **71.2 tahun**.

Bagi tempoh 2012 hingga 2019 (7 tahun), **jangkaan hayat ketika lahir meningkat 0.3 tahun** dengan **lelaki meningkat 0.1 tahun** dan **perempuan, 0.6 tahun**. Walau bagaimanapun, bagi tahun 2020 hingga 2022 (3 tahun), **jangkaan hayat ketika lahir menurun 1.2 tahun** dengan jangkaan hayat ketika lahir bagi **lelaki menurun 0.9 tahun** manakala **perempuan menurun 1.5 tahun**. Penurunan jangkaan hayat bagi tahun 2020 hingga 2022 adalah disumbangkan oleh peningkatan lebihan kematian semasa pandemik COVID-19 pada 2021.

JANGKAAN HAYAT PADA UMUR TERTENTU, 2012 & 2022^e

Negeri	Malaysia				Johor			
	2012		2022 ^e		2012		2022 ^e	
Tahun								
Umur tertentu	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan
0 tahun	72.2 tahun	76.9 tahun	71.3 tahun	75.8 tahun	72.0 tahun	76.7 tahun	71.2 tahun	75.4 tahun
15 tahun	58.0 tahun	62.6 tahun	56.9 tahun	61.3 tahun	57.8 tahun	62.4 tahun	56.9 tahun	61.0 tahun
60 tahun	18.0 tahun	20.4 tahun	17.5 tahun	20.1 tahun	18.3 tahun	20.5 tahun	17.3 tahun	20.0 tahun
65 tahun	14.5 tahun	16.4 tahun	14.2 tahun	16.4 tahun	14.8 tahun	16.6 tahun	13.9 tahun	16.2 tahun

PENEMUAN UTAMA

Lelaki dan perempuan yang mencapai umur **15 tahun** pada 2022 masing-masing **dijangka hidup selama 56.9 tahun** dan **61.0 tahun lagi**. Ini bermakna, lelaki pada umur **15 tahun** dijangka hidup sehingga **71.9 tahun** dan perempuan dijangka hidup sehingga **76.0 tahun**.

PENEMUAN UTAMA

Lelaki dan perempuan yang berumur **60 tahun** pada 2022 masing-masing **dijangka hidup selama 17.3 tahun** dan **20.0 tahun lagi**. Ini bermakna, seorang lelaki yang berumur **60 tahun** dijangka hidup sehingga **77.3 tahun** dan perempuan sehingga **80.0 tahun**.

Nota: ^p Permulaan ^e Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2020-2022, JABATAN PERANGKAIAN MALAYSIA (DOSM)

SEPINTAS LALU STATISTIK JANGKAAN HAYAT



KEDAH

LELAKI DAN
PEREMPUAN

2022^e: 70.9 TAHUN
2012: 73.0 TAHUN

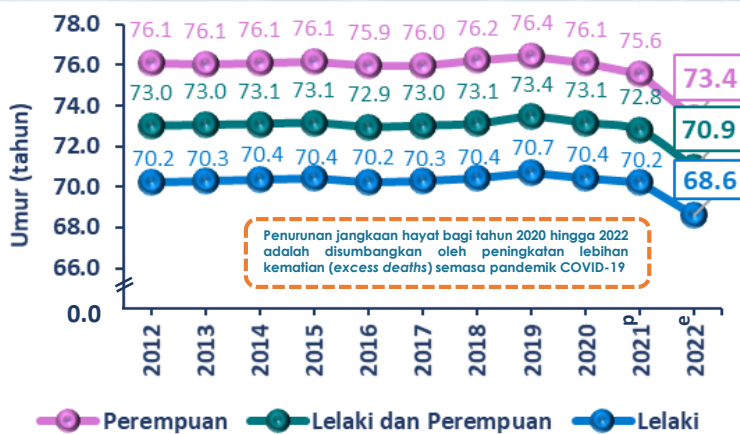
LELAKI

2022^e: 68.6 TAHUN
2012: 70.2 TAHUN

PEREMPUAN

2022^e: 73.4 TAHUN
2012: 76.1 TAHUN

JANGKAAN HAYAT KETIKA LAHIR, 2012-2022



PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2022 dijangka boleh hidup sehingga **73.4 tahun** manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **68.6 tahun**.

Bagi tempoh 2012 hingga 2019 (7 tahun), **jangkaan hayat ketika lahir meningkat 0.4 tahun** dengan **lelaki meningkat 0.5 tahun** dan **perempuan, 0.3 tahun**. Walau bagaimanapun, bagi tahun 2020 hingga 2022 (3 tahun), **jangkaan hayat ketika lahir menurun 2.2 tahun** dengan **jangkaan hayat ketika lahir bagi lelaki menurun 1.8 tahun** manakala **perempuan menurun 2.7 tahun**. Penurunan jangkaan hayat bagi tahun 2020 hingga 2022 adalah disumbangkan oleh peningkatan lebihan kematian semasa pandemik COVID-19 pada 2021.

JANGKAAN HAYAT PADA UMUR TERTENTU, 2012 & 2022^e

Negeri	Malaysia				Kedah			
Tahun	2012		2022 ^e		2012		2022 ^e	
Umur tertentu	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan
0 tahun	72.2 tahun	76.9 tahun	71.3 tahun	75.8 tahun	70.2 tahun	76.1 tahun	68.6 tahun	73.4 tahun
15 tahun	58.0 tahun	62.6 tahun	56.9 tahun	61.3 tahun	56.1 tahun	61.8 tahun	54.2 tahun	58.9 tahun
60 tahun	18.0 tahun	20.4 tahun	17.5 tahun	20.1 tahun	17.0 tahun	20.1 tahun	16.9 tahun	19.2 tahun
65 tahun	14.5 tahun	16.4 tahun	14.2 tahun	16.4 tahun	13.6 tahun	16.2 tahun	13.8 tahun	15.7 tahun

PENEMUAN UTAMA

Lelaki dan perempuan yang mencapai umur **15 tahun** pada 2022 masing-masing **dijangka hidup selama 54.2 tahun** dan **58.9 tahun lagi**. Ini bermakna, lelaki pada umur **15 tahun** dijangka hidup sehingga **69.2 tahun** dan perempuan dijangka hidup sehingga **73.9 tahun**.

PENEMUAN UTAMA

Lelaki dan perempuan yang berumur **60 tahun** pada 2022 masing-masing **dijangka hidup selama 16.9 tahun** dan **19.2 tahun lagi**. Ini bermakna, seorang lelaki yang berumur **60 tahun** dijangka hidup sehingga **76.9 tahun** dan perempuan sehingga **79.2 tahun**.

Nota: ^p Permulaan ^e Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2020-2022, JABATAN PERANGKAIAN MALAYSIA (DOSM)

SEPINTAS LALU STATISTIK JANGKAAN HAYAT



KELANTAN

LELAKI DAN
PEREMPUAN

2022^e: 71.0 TAHUN
2012: 71.9 TAHUN

LELAKI

2022^e: 68.7 TAHUN
2012: 68.9 TAHUN

PEREMPUAN

2022^e: 73.3 TAHUN
2012: 75.0 TAHUN

JANGKAAN HAYAT KETIKA LAHIR, 2012-2022



PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2022 dijangka boleh hidup sehingga **73.3 tahun** manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **68.7 tahun**.

Bagi tempoh 2012 hingga 2019 (7 tahun), **jangkaan hayat ketika lahir meningkat 0.7 tahun** dengan **lelaki dan perempuan masing-masing meningkat 0.8 tahun**. Walau bagaimanapun, bagi tahun 2020 hingga 2022 (3 tahun), **jangkaan hayat ketika lahir menurun 1.2 tahun** dengan **jangkaan hayat ketika lahir bagi lelaki menurun 0.9 tahun** manakala **perempuan menurun 1.8 tahun**. Penurunan jangkaan hayat bagi tahun 2020 hingga 2022 adalah disumbangkan oleh peningkatan lebihan kematian semasa pandemik COVID-19 pada 2021.

JANGKAAN HAYAT PADA UMUR TERTENTU, 2012 & 2022^e

Negeri	Malaysia				Kelantan			
	2012		2022 ^e		2012		2022 ^e	
Tahun								
Umur tertentu	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan
0 tahun	72.2 tahun	76.9 tahun	71.3 tahun	75.8 tahun	68.9 tahun	75.0 tahun	68.7 tahun	73.3 tahun
15 tahun	58.0 tahun	62.6 tahun	56.9 tahun	61.3 tahun	54.9 tahun	60.8 tahun	54.5 tahun	58.9 tahun
60 tahun	18.0 tahun	20.4 tahun	17.5 tahun	20.1 tahun	16.5 tahun	19.2 tahun	15.9 tahun	18.4 tahun
65 tahun	14.5 tahun	16.4 tahun	14.2 tahun	16.4 tahun	13.1 tahun	15.3 tahun	12.6 tahun	14.8 tahun

PENEMUAN UTAMA

Lelaki dan perempuan yang mencapai umur **15 tahun** pada 2022 masing-masing **dijangka hidup selama 54.5 tahun** dan **58.9 tahun lagi**. Ini bermakna, lelaki pada umur **15 tahun** dijangka hidup sehingga **69.5 tahun** dan perempuan dijangka hidup sehingga **73.9 tahun**.

PENEMUAN UTAMA

Lelaki dan perempuan yang berumur **60 tahun** pada 2022 masing-masing **dijangka hidup selama 15.9 tahun** dan **18.4 tahun lagi**. Ini bermakna, seorang lelaki yang berumur **60 tahun** dijangka hidup sehingga **75.9 tahun** dan perempuan sehingga **78.4 tahun**.

Nota: ^p Permulaan ^e Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2020-2022, JABATAN PERANGKAIAN MALAYSIA (DOSM)

SEPINTAS LALU STATISTIK JANGKAAN HAYAT



MELAKA

**LELAKI DAN
PEREMPUAN**

2022^e: 72.5 TAHUN
2012: 74.1 TAHUN

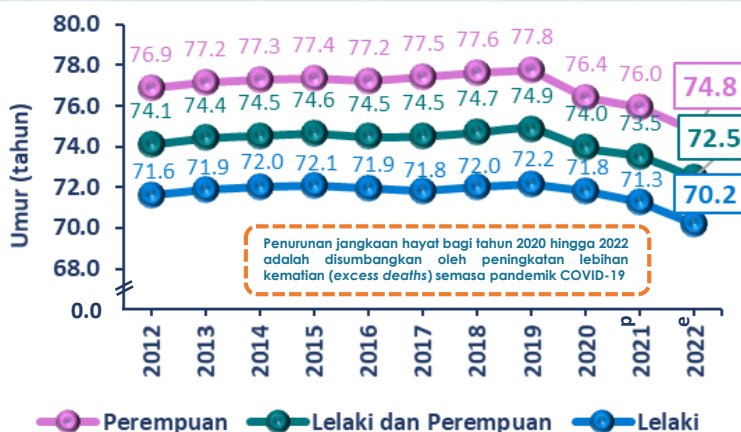
LELAKI

2022^e: 70.2 TAHUN
2012: 71.6 TAHUN

PEREMPUAN

2022^e: 74.8 TAHUN
2012: 76.9 TAHUN

JANGKAAN HAYAT KETIKA LAHIR, 2012-2022



PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2022 dijangka boleh hidup sehingga **74.8 tahun** manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **70.2 tahun**.

Bagi tempoh 2012 hingga 2019 (7 tahun), **jangkaan hayat ketika lahir meningkat 0.8 tahun** dengan lelaki meningkat 0.6 tahun dan perempuan, 0.9 tahun. Walau bagaimanapun, bagi tahun 2020 hingga 2022 (3 tahun), **jangkaan hayat ketika lahir menurun 1.5 tahun** dengan jangkaan hayat ketika lahir bagi lelaki dan perempuan masing-masing **menurun 1.6 tahun**. Penurunan jangkaan hayat bagi tahun 2020 hingga 2022 adalah disumbangkan oleh peningkatan lebihan kematian semasa pandemik COVID-19 pada 2021.

JANGKAAN HAYAT PADA UMUR TERTENTU, 2012 & 2022^e

Negeri	Malaysia				Melaka			
	2012		2022 ^e		2012		2022 ^e	
Tahun								
Umur tertentu	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan
0 tahun	72.2 tahun	76.9 tahun	71.3 tahun	75.8 tahun	71.6 tahun	76.9 tahun	70.2 tahun	74.8 tahun
15 tahun	58.0 tahun	62.6 tahun	56.9 tahun	61.3 tahun	57.5 tahun	62.6 tahun	55.8 tahun	60.4 tahun
60 tahun	18.0 tahun	20.4 tahun	17.5 tahun	20.1 tahun	18.0 tahun	20.6 tahun	16.6 tahun	19.4 tahun
65 tahun	14.5 tahun	16.4 tahun	14.2 tahun	16.4 tahun	14.5 tahun	16.6 tahun	13.4 tahun	15.8 tahun

PENEMUAN UTAMA

Lelaki dan perempuan yang mencapai umur **15 tahun** pada 2022 masing-masing **dijangka hidup selama 55.8 tahun** dan **60.4 tahun lagi**. Ini bermakna, lelaki pada umur **15 tahun** dijangka hidup sehingga **70.8 tahun** dan perempuan dijangka hidup sehingga **75.4 tahun**.

PENEMUAN UTAMA

Lelaki dan perempuan yang berumur **60 tahun** pada 2022 masing-masing **dijangka hidup selama 16.6 tahun** dan **19.4 tahun lagi**. Ini bermakna, seorang lelaki yang berumur **60 tahun** dijangka hidup sehingga **76.6 tahun** dan perempuan sehingga **79.4 tahun**.

Nota: ^p Permulaan ^e Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2020-2022, JABATAN PERANGKAIAN MALAYSIA (DOSM)

SEPINTAS LALU STATISTIK JANGKAAN HAYAT



NEGERI SEMBILAN

LELAKI DAN
PEREMPUAN

2022^e: 72.4 TAHUN
2012: 73.4 TAHUN

LELAKI

2022^e: 70.2 TAHUN
2012: 70.9 TAHUN

PEREMPUAN

2022^e: 74.9 TAHUN
2012: 76.4 TAHUN

JANGKAAN HAYAT KETIKA LAHIR, 2012-2022



PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2022 dijangka boleh hidup sehingga **74.9 tahun** manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **70.2 tahun**.

Bagi tempoh 2012 hingga 2019 (7 tahun), **jangkaan hayat ketika lahir meningkat 0.4 tahun** dengan **lelaki tiada perubahan** dan **perempuan meningkat 0.6 tahun**. Walau bagaimanapun, bagi tahun 2020 hingga 2022 (3 tahun), **jangkaan hayat ketika lahir menurun 0.9 tahun** dengan jangkaan hayat ketika lahir bagi **lelaki menurun 0.2 tahun** manakala **perempuan menurun 1.5 tahun**. Penurunan jangkaan hayat bagi tahun 2020 hingga 2022 adalah disumbangkan oleh peningkatan lebihan kematian semasa pandemik COVID-19 pada 2021.

JANGKAAN HAYAT PADA UMUR TERTENTU, 2012 & 2022^e

Negeri	Malaysia				Negeri Sembilan			
Tahun	2012		2022 ^e		2012		2022 ^e	
Umur tertentu	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan
0 tahun	72.2 tahun	76.9 tahun	71.3 tahun	75.8 tahun	70.9 tahun	76.4 tahun	70.2 tahun	74.9 tahun
15 tahun	58.0 tahun	62.6 tahun	56.9 tahun	61.3 tahun	56.6 tahun	62.2 tahun	55.8 tahun	60.6 tahun
60 tahun	18.0 tahun	20.4 tahun	17.5 tahun	20.1 tahun	17.9 tahun	20.3 tahun	16.9 tahun	19.5 tahun
65 tahun	14.5 tahun	16.4 tahun	14.2 tahun	16.4 tahun	14.5 tahun	16.4 tahun	13.8 tahun	15.7 tahun

PENEMUAN UTAMA

Lelaki dan perempuan yang mencapai umur **15 tahun** pada 2022 masing-masing **dijangka hidup selama 55.8 tahun** dan **60.6 tahun lagi**. Ini bermakna, lelaki pada umur **15 tahun** dijangka hidup sehingga **70.8 tahun** dan perempuan dijangka hidup sehingga **75.6 tahun**.

PENEMUAN UTAMA

Lelaki dan perempuan yang berumur **60 tahun** pada 2022 masing-masing **dijangka hidup selama 16.9 tahun** dan **19.5 tahun lagi**. Ini bermakna, seorang lelaki yang berumur **60 tahun** dijangka hidup sehingga **76.9 tahun** dan perempuan sehingga **79.5 tahun**.

Nota: ^p Permulaan ^e Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2020-2022, JABATAN PERANGKAIAN MALAYSIA (DOSM)

SEPINTAS LALU STATISTIK JANGKAAN HAYAT



PAHANG

LELAKI DAN
PEREMPUAN

2022^e: 72.4 TAHUN
2012: 72.8 TAHUN

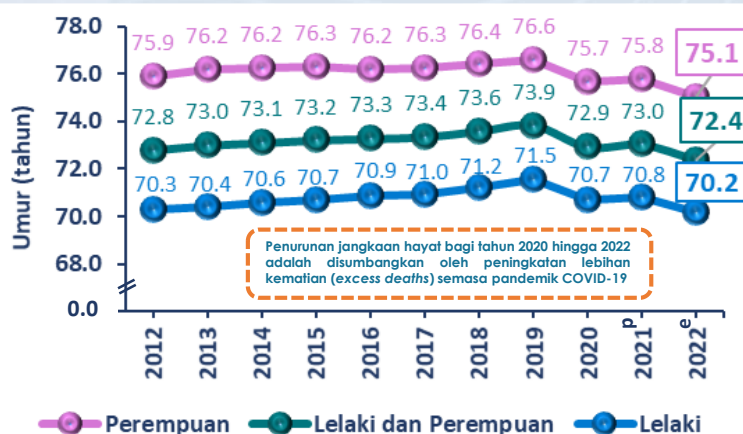
LELAKI

2022^e: 70.2 TAHUN
2012: 70.3 TAHUN

PEREMPUAN

2022^e: 75.1 TAHUN
2012: 75.9 TAHUN

JANGKAAN HAYAT KETIKA LAHIR, 2012-2022



PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2022 dijangka boleh hidup sehingga **75.1 tahun** manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **70.2 tahun**.

Bagi tempoh 2012 hingga 2019 (7 tahun), **jangkaan hayat ketika lahir meningkat 1.1 tahun dengan lelaki meningkat 1.2 tahun dan perempuan, 0.7 tahun**. Walau bagaimanapun, bagi tahun 2020 hingga 2022 (3 tahun), **jangkaan hayat ketika lahir menurun 0.5 tahun dengan jangkaan hayat ketika lahir bagi lelaki menurun 0.5 tahun manakala perempuan menurun 0.6 tahun**. Penurunan jangkaan hayat bagi tahun 2020 hingga 2022 adalah disumbangkan oleh peningkatan lebihan kematian semasa pandemik COVID-19 pada 2021.

JANGKAAN HAYAT PADA UMUR TERTENTU, 2012 & 2022^e

Negeri	Malaysia				Pahang			
Tahun	2012		2022 ^e		2012		2022 ^e	
Umur tertentu	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan
0 tahun	72.2 tahun	76.9 tahun	71.3 tahun	75.8 tahun	70.3 tahun	75.9 tahun	70.2 tahun	75.1 tahun
15 tahun	58.0 tahun	62.6 tahun	56.9 tahun	61.3 tahun	56.4 tahun	61.8 tahun	55.8 tahun	60.7 tahun
60 tahun	18.0 tahun	20.4 tahun	17.5 tahun	20.1 tahun	17.6 tahun	20.2 tahun	16.6 tahun	19.5 tahun
65 tahun	14.5 tahun	16.4 tahun	14.2 tahun	16.4 tahun	14.2 tahun	16.2 tahun	13.3 tahun	15.9 tahun

PENEMUAN UTAMA

Lelaki dan perempuan yang mencapai umur **15 tahun** pada 2022 masing-masing **dijangka hidup selama 55.8 tahun dan 60.7 tahun lagi**. Ini bermakna, lelaki pada umur **15 tahun** dijangka hidup sehingga **70.8 tahun** dan perempuan dijangka hidup sehingga **75.7 tahun**.

PENEMUAN UTAMA

Lelaki dan perempuan yang berumur **60 tahun** pada 2022 masing-masing **dijangka hidup selama 16.6 tahun dan 19.5 tahun lagi**. Ini bermakna, seorang lelaki yang berumur **60 tahun** dijangka hidup sehingga **76.6 tahun** dan perempuan sehingga **79.5 tahun**.

Nota: ^p Permulaan ^e Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2020-2022, JABATAN PERANGKAIAN MALAYSIA (DOSM)

SEPINTAS LALU STATISTIK JANGKAAN HAYAT



PERAK

**LELAKI DAN
PEREMPUAN**

2022^e: 73.1 TAHUN
2012: 73.7 TAHUN

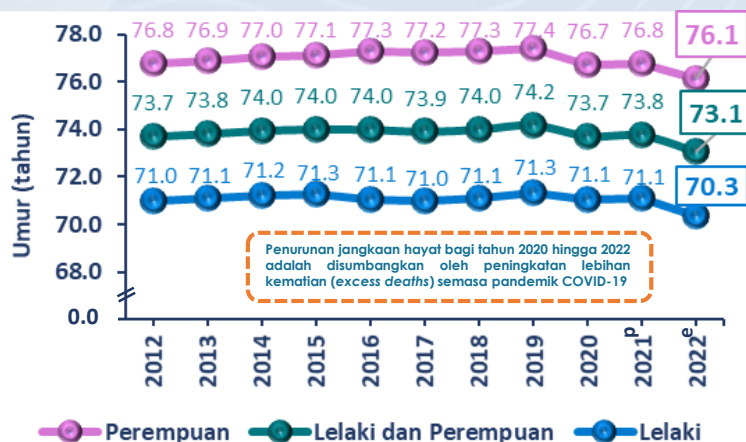
LELAKI

2022^e: 70.3 TAHUN
2012: 71.0 TAHUN

PEREMPUAN

2022^e: 76.1 TAHUN
2012: 76.8 TAHUN

JANGKAAN HAYAT KETIKA LAHIR, 2012-2022



PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2022 dijangka boleh hidup sehingga **76.1 tahun** manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **70.3 tahun**.

Bagi tempoh 2012 hingga 2019 (7 tahun), **jangkaan hayat ketika lahir meningkat 0.5 tahun** dengan **lelaki meningkat 0.3 tahun** dan **perempuan, 0.6 tahun**. Walau bagaimanapun, bagi tahun 2020 hingga 2022 (3 tahun), **jangkaan hayat ketika lahir menurun 0.6 tahun** dengan jangkaan hayat ketika lahir bagi **lelaki menurun 0.8 tahun** manakala **perempuan menurun 0.6 tahun**. Penurunan jangkaan hayat bagi tahun 2020 hingga 2022 adalah disumbangkan oleh peningkatan lebihan kematian semasa pandemik COVID-19 pada 2021.

JANGKAAN HAYAT PADA UMUR TERTENTU, 2012 & 2022^e

Negeri	Malaysia				Perak			
	2012		2022 ^e		2012		2022 ^e	
Umur tertentu	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan
0 tahun	72.2 tahun	76.9 tahun	71.3 tahun	75.8 tahun	71.0 tahun	76.8 tahun	70.3 tahun	76.1 tahun
15 tahun	58.0 tahun	62.6 tahun	56.9 tahun	61.3 tahun	56.9 tahun	62.5 tahun	56.0 tahun	61.8 tahun
60 tahun	18.0 tahun	20.4 tahun	17.5 tahun	20.1 tahun	18.0 tahun	20.7 tahun	17.2 tahun	20.5 tahun
65 tahun	14.5 tahun	16.4 tahun	14.2 tahun	16.4 tahun	14.6 tahun	16.8 tahun	13.9 tahun	16.7 tahun

PENEMUAN UTAMA

Lelaki dan perempuan yang mencapai umur **15 tahun** pada 2022 masing-masing **dijangka hidup selama 56.0 tahun** dan **61.8 tahun lagi**. Ini bermakna, lelaki pada umur **15 tahun** dijangka hidup sehingga **71.0 tahun** dan perempuan dijangka hidup sehingga **76.8 tahun**.

PENEMUAN UTAMA

Lelaki dan perempuan yang berumur **60 tahun** pada 2022 masing-masing **dijangka hidup selama 17.2 tahun** dan **20.5 tahun lagi**. Ini bermakna, seorang lelaki yang berumur **60 tahun** dijangka hidup sehingga **77.2 tahun** dan perempuan sehingga **80.5 tahun**.

Nota: ^p Permulaan ^e Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2020-2022, JABATAN PERANGKAIAN MALAYSIA (DOSM)

SEPINTAS LALU STATISTIK JANGKAAN HAYAT



PERLIS

LELAKI DAN
PEREMPUAN

2022^e: 72.3 TAHUN
2012: 72.8 TAHUN

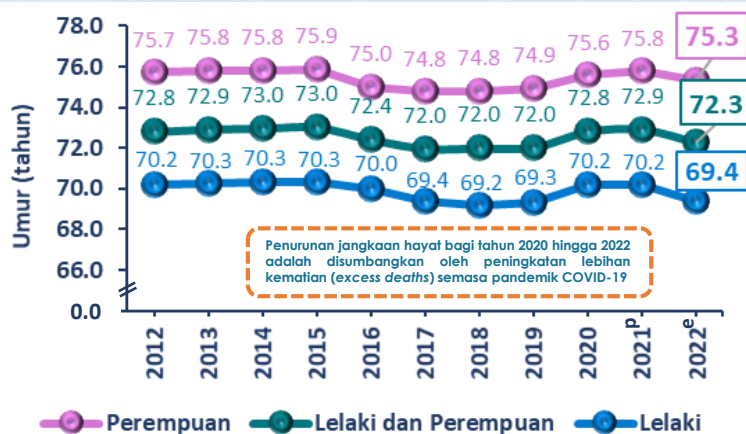
LELAKI

2022^e: 69.4 TAHUN
2012: 70.2 TAHUN

PEREMPUAN

2022^e: 75.3 TAHUN
2012: 75.7 TAHUN

JANGKAAN HAYAT KETIKA LAHIR, 2012-2022



PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2022 dijangka boleh hidup sehingga **75.3 tahun** manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **69.4 tahun**.

Bagi tempoh 2012 hingga 2019 (7 tahun), **jangkaan hayat ketika lahir menurun 0.8 tahun** dengan **lelaki menurun 0.9 tahun** dan **perempuan, 0.8 tahun**. Walau bagaimanapun, bagi tahun 2020 hingga 2022 (3 tahun), **jangkaan hayat ketika lahir menurun 0.5 tahun** dengan jangkaan hayat ketika lahir bagi **lelaki menurun 0.8 tahun** manakala **perempuan menurun 0.3 tahun**. Penurunan jangkaan hayat bagi tahun 2020 hingga 2022 adalah disumbangkan oleh peningkatan lebihan kematian semasa pandemik COVID-19 pada 2021.

JANGKAAN HAYAT PADA UMUR TERTENTU, 2012 & 2022^e

Negeri	Malaysia				Perlis			
Tahun	2012		2022 ^e		2012		2022 ^e	
Umur tertentu	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan
0 tahun	72.2 tahun	76.9 tahun	71.3 tahun	75.8 tahun	70.2 tahun	75.7 tahun	69.4 tahun	75.3 tahun
15 tahun	58.0 tahun	62.6 tahun	56.9 tahun	61.3 tahun	56.3 tahun	61.5 tahun	55.0 tahun	61.3 tahun
60 tahun	18.0 tahun	20.4 tahun	17.5 tahun	20.1 tahun	17.1 tahun	19.8 tahun	16.4 tahun	19.7 tahun
65 tahun	14.5 tahun	16.4 tahun	14.2 tahun	16.4 tahun	13.8 tahun	16.1 tahun	13.4 tahun	16.2 tahun

PENEMUAN UTAMA

Lelaki dan perempuan yang mencapai umur **15 tahun** pada 2022 masing-masing **dijangka hidup selama 55.0 tahun** dan **61.3 tahun lagi**. Ini bermakna, lelaki pada umur **15 tahun** dijangka hidup sehingga **70.0 tahun** dan perempuan dijangka hidup sehingga **76.3 tahun**.

PENEMUAN UTAMA

Lelaki dan perempuan yang berumur **60 tahun** pada 2022 masing-masing **dijangka hidup selama 16.4 tahun** dan **19.7 tahun lagi**. Ini bermakna, seorang lelaki yang berumur **60 tahun** dijangka hidup sehingga **76.4 tahun** dan perempuan sehingga **79.7 tahun**.

Nota: ^p Permulaan ^e Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2020-2022, JABATAN PERANGKAIAN MALAYSIA (DOSM)

SEPINTAS LALU STATISTIK JANGKAAN HAYAT



PULAU PINANG

**LELAKI DAN
PEREMPUAN**

2022^e: 73.2 TAHUN
2012: 74.7 TAHUN

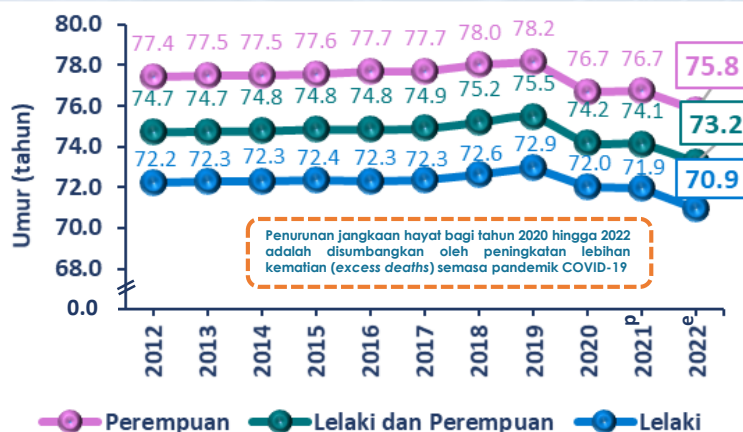
LELAKI

2022^e: 70.9 TAHUN
2012: 72.2 TAHUN

PEREMPUAN

2022^e: 75.8 TAHUN
2012: 77.4 TAHUN

JANGKAAN HAYAT KETIKA LAHIR, 2012-2022



PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2022 dijangka boleh hidup sehingga **75.8 tahun** manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **70.9 tahun**.

Bagi tempoh 2012 hingga 2019 (7 tahun), **jangkaan hayat ketika lahir meningkat 0.8 tahun** dengan **lelaki meningkat 0.7 tahun** dan **perempuan, 0.8 tahun**. Walau bagaimanapun, bagi tahun 2020 hingga 2022 (3 tahun), **jangkaan hayat ketika lahir menurun 1.0 tahun** dengan jangkaan hayat ketika lahir bagi **lelaki menurun 1.1 tahun** manakala **perempuan menurun 0.9 tahun**. Penurunan jangkaan hayat bagi tahun 2020 hingga 2022 adalah disumbangkan oleh peningkatan lebihan kematian semasa pandemik COVID-19 pada 2021.

JANGKAAN HAYAT PADA UMUR TERTENTU, 2012 & 2022^e

Negeri	Malaysia				Pulau Pinang			
Tahun	2012		2022 ^e		2012		2022 ^e	
Umur tertentu	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan
0 tahun	72.2 tahun	76.9 tahun	71.3 tahun	75.8 tahun	72.2 tahun	77.4 tahun	70.9 tahun	75.8 tahun
15 tahun	58.0 tahun	62.6 tahun	56.9 tahun	61.3 tahun	58.0 tahun	63.1 tahun	56.4 tahun	61.2 tahun
60 tahun	18.0 tahun	20.4 tahun	17.5 tahun	20.1 tahun	18.0 tahun	20.5 tahun	16.5 tahun	19.2 tahun
65 tahun	14.5 tahun	16.4 tahun	14.2 tahun	16.4 tahun	14.5 tahun	16.5 tahun	13.0 tahun	15.2 tahun

PENEMUAN UTAMA

Lelaki dan perempuan yang mencapai umur **15 tahun** pada 2022 masing-masing **dijangka hidup selama 56.4 tahun** dan **61.2 tahun lagi**. Ini bermakna, lelaki pada umur **15 tahun** dijangka hidup sehingga **71.4 tahun** dan perempuan dijangka hidup sehingga **76.2 tahun**.

PENEMUAN UTAMA

Lelaki dan perempuan yang berumur **60 tahun** pada 2022 masing-masing **dijangka hidup selama 16.5 tahun** dan **19.2 tahun lagi**. Ini bermakna, seorang lelaki yang berumur **60 tahun** dijangka hidup sehingga **76.5 tahun** dan perempuan sehingga **79.2 tahun**.

Nota: ^p Permulaan ^e Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2020-2022, JABATAN PERANGKAIAN MALAYSIA (DOSM)

SEPINTAS LALU STATISTIK JANGKAAN HAYAT



SABAH

**LELAKI DAN
PEREMPUAN**

2022^e: 73.5 TAHUN
2012: 73.2 TAHUN

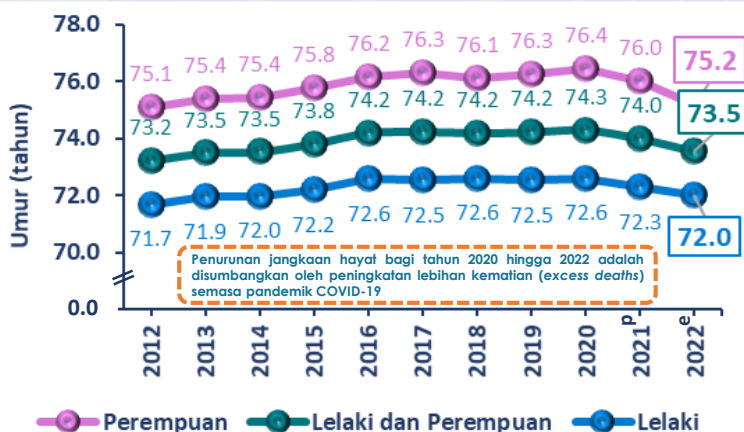
LELAKI

2022^e: 72.0 TAHUN
2012: 71.7 TAHUN

PEREMPUAN

2022^e: 75.2 TAHUN
2012: 75.1 TAHUN

JANGKAAN HAYAT KETIKA LAHIR, 2012-2022



PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2022 dijangka boleh hidup sehingga **75.2 tahun** manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **72.0 tahun**.

Bagi tempoh 2012 hingga 2019 (7 tahun), **jangkaan hayat ketika lahir meningkat 1.0 tahun** dengan **lelaki meningkat 0.8 tahun** dan **perempuan, 1.2 tahun**. Walau bagaimanapun, bagi tahun 2020 hingga 2022 (3 tahun), **jangkaan hayat ketika lahir menurun 0.8 tahun** dengan jangkaan hayat ketika lahir bagi **lelaki menurun 0.6 tahun** manakala **perempuan menurun 1.2 tahun**. Penurunan jangkaan hayat bagi tahun 2020 hingga 2022 adalah disumbangkan oleh peningkatan lebih kematian semasa pandemik COVID-19 pada 2021.

JANGKAAN HAYAT PADA UMUR TERTENTU, 2012 & 2022^e

Negeri	Malaysia				Sabah			
	2012		2022 ^e		2012		2022 ^e	
Tahun								
Umur tertentu	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan
0 tahun	72.2 tahun	76.9 tahun	71.3 tahun	75.8 tahun	71.7 tahun	75.1 tahun	72.0 tahun	75.2 tahun
15 tahun	58.0 tahun	62.6 tahun	56.9 tahun	61.3 tahun	57.7 tahun	61.1 tahun	57.8 tahun	61.1 tahun
60 tahun	18.0 tahun	20.4 tahun	17.5 tahun	20.1 tahun	16.9 tahun	19.2 tahun	17.8 tahun	20.0 tahun
65 tahun	14.5 tahun	16.4 tahun	14.2 tahun	16.4 tahun	13.2 tahun	15.2 tahun	14.8 tahun	16.6 tahun

PENEMUAN UTAMA

Lelaki dan perempuan yang mencapai umur **15 tahun** pada 2022 masing-masing **dijangka hidup selama 57.8 tahun** dan **61.1 tahun lagi**. Ini bermakna, lelaki pada umur **15 tahun** dijangka hidup sehingga **72.8 tahun** dan perempuan dijangka hidup sehingga **76.1 tahun**.

PENEMUAN UTAMA

Lelaki dan perempuan yang berumur **60 tahun** pada 2022 masing-masing **dijangka hidup selama 17.8 tahun** dan **20.0 tahun lagi**. Ini bermakna, seorang lelaki yang berumur **60 tahun** dijangka hidup sehingga **77.8 tahun** dan perempuan sehingga **80.0 tahun**.

Nota: ^p Permulaan ^e Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2020-2022, JABATAN PERANGKAIAN MALAYSIA (DOSM)

SEPINTAS LALU STATISTIK JANGKAAN HAYAT



SARAWAK

**LELAKI DAN
PEREMPUAN**

2022^e: 74.3 TAHUN
2012: 75.9 TAHUN

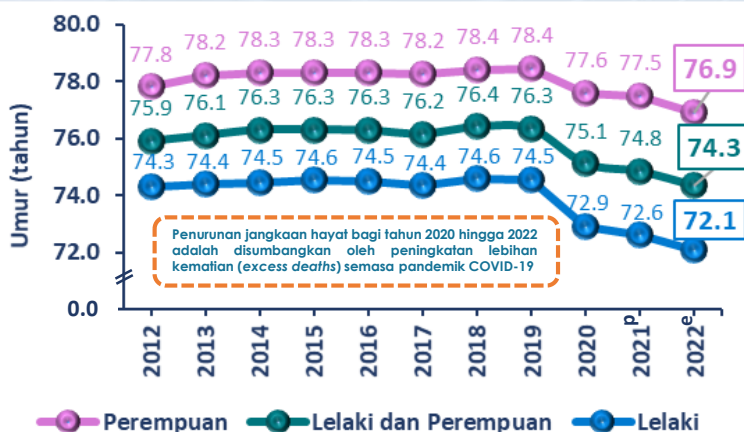
LELAKI

2022^e: 72.1 TAHUN
2012: 74.3 TAHUN

PEREMPUAN

2022^e: 76.9 TAHUN
2012: 77.8 TAHUN

JANGKAAN HAYAT KETIKA LAHIR, 2012-2022



PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2022 dijangka boleh hidup sehingga **76.9 tahun** manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **72.1 tahun**.

Bagi tempoh 2012 hingga 2019 (7 tahun), **jangkaan hayat ketika lahir meningkat 0.4 tahun** dengan **lelaki meningkat 0.2 tahun** dan **perempuan, 0.6 tahun**. Walau bagaimanapun, bagi tahun 2020 hingga 2022 (3 tahun), **jangkaan hayat ketika lahir menurun 0.8 tahun** dengan **jangkaan hayat ketika lahir bagi lelaki menurun 0.8 tahun** manakala **perempuan menurun 0.7 tahun**. Penurunan jangkaan hayat bagi tahun 2020 hingga 2022 adalah disumbangkan oleh peningkatan lebih banyak kematian semasa pandemik COVID-19 pada 2021.

JANGKAAN HAYAT PADA UMUR TERTENTU, 2012 & 2022^e

Negeri	Malaysia				Sarawak			
Tahun	2012		2022 ^e		2012		2022 ^e	
Umur tertentu	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan
0 tahun	72.2 tahun	76.9 tahun	71.3 tahun	75.8 tahun	74.3 tahun	77.8 tahun	72.1 tahun	76.9 tahun
15 tahun	58.0 tahun	62.6 tahun	56.9 tahun	61.3 tahun	60.1 tahun	63.5 tahun	57.6 tahun	62.4 tahun
60 tahun	18.0 tahun	20.4 tahun	17.5 tahun	20.1 tahun	19.5 tahun	21.1 tahun	18.4 tahun	20.8 tahun
65 tahun	14.5 tahun	16.4 tahun	14.2 tahun	16.4 tahun	15.7 tahun	17.1 tahun	14.6 tahun	16.9 tahun

PENEMUAN UTAMA

Lelaki dan perempuan yang mencapai umur **15 tahun** pada 2022 masing-masing **dijangka hidup selama 57.6 tahun** dan **62.4 tahun lagi**. Ini bermakna, lelaki pada umur **15 tahun** dijangka hidup sehingga **72.6 tahun** dan perempuan dijangka hidup sehingga **77.4 tahun**.

PENEMUAN UTAMA

Lelaki dan perempuan yang berumur **60 tahun** pada 2022 masing-masing **dijangka hidup selama 18.4 tahun** dan **20.8 tahun lagi**. Ini bermakna, seorang lelaki yang berumur **60 tahun** dijangka hidup sehingga **78.4 tahun** dan perempuan sehingga **80.8 tahun**.

Nota: ^p Permulaan ^e Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2020-2022, JABATAN PERANGKAIAN MALAYSIA (DOSM)

SEPINTAS LALU STATISTIK JANGKAAN HAYAT



SELANGOR

**LELAKI DAN
PEREMPUAN**

2022^e: 75.2 TAHUN
2012: 75.0 TAHUN

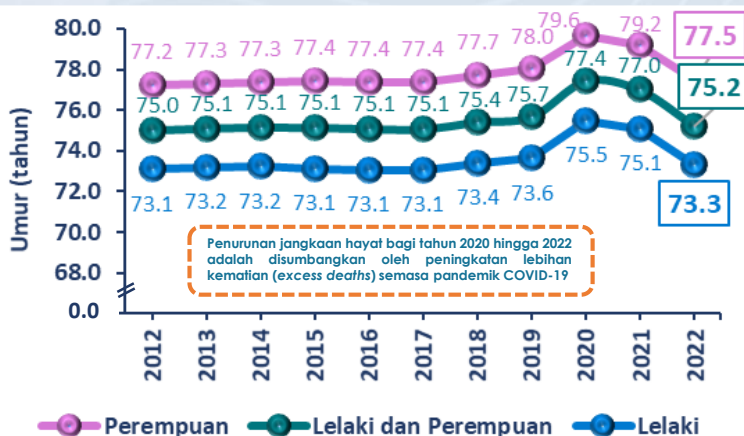
LELAKI

2022^e: 73.3 TAHUN
2012: 73.1 TAHUN

PEREMPUAN

2022^e: 77.5 TAHUN
2012: 77.2 TAHUN

JANGKAAN HAYAT KETIKA LAHIR, 2012-2022



PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2022 dijangka boleh hidup sehingga **77.5 tahun** manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **73.3 tahun**.

Bagi tempoh 2012 hingga 2019 (7 tahun), **jangkaan hayat ketika lahir meningkat 0.7 tahun** dengan **lelaki meningkat 0.5 tahun** dan **perempuan, 0.8 tahun**. Walau bagaimanapun, bagi tahun 2020 hingga 2022 (3 tahun), **jangkaan hayat ketika lahir menurun 2.2 tahun** dengan **jangkaan hayat ketika lahir bagi lelaki menurun 2.2 tahun** manakala **perempuan menurun 2.1 tahun**. Penurunan jangkaan hayat bagi tahun 2020 hingga 2022 adalah disumbangkan oleh peningkatan lebihan kematian semasa pandemik COVID-19 pada 2021.

JANGKAAN HAYAT PADA UMUR TERTENTU, 2012 & 2022^e

Negeri	Malaysia				Selangor			
	2012		2022 ^e		2012		2022 ^e	
Tahun								
Umur tertentu	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan
0 tahun	72.2 tahun	76.9 tahun	71.3 tahun	75.8 tahun	73.1 tahun	77.2 tahun	73.3 tahun	77.5 tahun
15 tahun	58.0 tahun	62.6 tahun	56.9 tahun	61.3 tahun	58.8 tahun	62.8 tahun	58.7 tahun	62.9 tahun
60 tahun	18.0 tahun	20.4 tahun	17.5 tahun	20.1 tahun	18.1 tahun	20.2 tahun	19.0 tahun	21.5 tahun
65 tahun	14.5 tahun	16.4 tahun	14.2 tahun	16.4 tahun	14.5 tahun	16.1 tahun	15.9 tahun	17.7 tahun

PENEMUAN UTAMA

Lelaki dan perempuan yang mencapai umur **15 tahun** pada 2022 masing-masing **dijangka hidup selama 58.7 tahun** dan **62.9 tahun lagi**. Ini bermakna, lelaki pada umur **15 tahun** dijangka hidup sehingga **73.7 tahun** dan perempuan dijangka hidup sehingga **77.9 tahun**.

PENEMUAN UTAMA

Lelaki dan perempuan yang berumur **60 tahun** pada 2022 masing-masing **dijangka hidup selama 19.0 tahun** dan **21.5 tahun lagi**. Ini bermakna, seorang lelaki yang berumur **60 tahun** dijangka hidup sehingga **79.0 tahun** dan perempuan sehingga **81.5 tahun**.

Nota: ^p Permulaan ^e Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2020-2022, JABATAN PERANGKAIAN MALAYSIA (DOSM)

SEPINTAS LALU STATISTIK JANGKAAN HAYAT



TERENGGANU

LELAKI DAN
PEREMPUAN

2022^e: 71.0 TAHUN
2012: 71.2 TAHUN

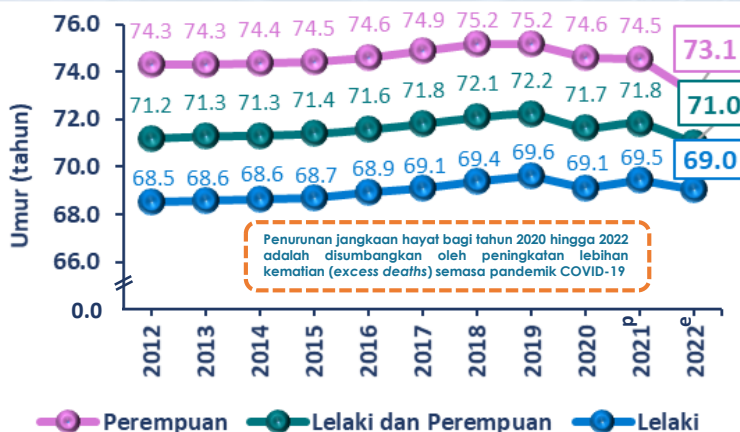
LELAKI

2022^e: 69.0 TAHUN
2012: 68.5 TAHUN

PEREMPUAN

2022^e: 73.1 TAHUN
2012: 74.3 TAHUN

JANGKAAN HAYAT KETIKA LAHIR, 2012-2022



PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2022 dijangka boleh hidup sehingga **73.1 tahun** manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **69.0 tahun**.

Bagi tempoh 2012 hingga 2019 (7 tahun), **jangkaan hayat ketika lahir meningkat 1.0 tahun** dengan **lelaki meningkat 1.1 tahun** dan **perempuan, 0.9 tahun**. Walau bagaimanapun, bagi tahun 2020 hingga 2022 (3 tahun), **jangkaan hayat ketika lahir menurun 0.7 tahun** dengan jangkaan hayat ketika lahir bagi **lelaki menurun 0.1 tahun** manakala **perempuan menurun 1.5 tahun**. Penurunan jangkaan hayat bagi tahun 2020 hingga 2022 adalah disumbangkan oleh peningkatan lebihan kematian semasa pandemik COVID-19 pada 2021.

JANGKAAN HAYAT PADA UMUR TERTENTU, 2012 & 2022^e

Negeri	Malaysia				Terengganu			
Tahun	2012		2022 ^e		2012		2022 ^e	
Umur tertentu	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan
0 tahun	72.2 tahun	76.9 tahun	71.3 tahun	75.8 tahun	68.5 tahun	74.3 tahun	69.0 tahun	73.1 tahun
15 tahun	58.0 tahun	62.6 tahun	56.9 tahun	61.3 tahun	54.5 tahun	60.2 tahun	54.7 tahun	58.7 tahun
60 tahun	18.0 tahun	20.4 tahun	17.5 tahun	20.1 tahun	16.3 tahun	18.6 tahun	15.8 tahun	17.9 tahun
65 tahun	14.5 tahun	16.4 tahun	14.2 tahun	16.4 tahun	12.8 tahun	14.7 tahun	12.6 tahun	14.4 tahun

PENEMUAN UTAMA

Lelaki dan perempuan yang mencapai umur **15 tahun** pada 2022 masing-masing **dijangka hidup selama 54.7 tahun** dan **58.7 tahun lagi**. Ini bermakna, lelaki pada umur **15 tahun** dijangka hidup sehingga **69.7 tahun** dan perempuan dijangka hidup sehingga **73.7 tahun**.

PENEMUAN UTAMA

Lelaki dan perempuan yang berumur **60 tahun** pada 2022 masing-masing **dijangka hidup selama 15.8 tahun** dan **17.9 tahun lagi**. Ini bermakna, seorang lelaki yang berumur **60 tahun** dijangka hidup sehingga **75.8 tahun** dan perempuan sehingga **77.9 tahun**.

Nota: ^p Permulaan ^e Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2020-2022, JABATAN PERANGKAIAN MALAYSIA (DOSM)

SEPINTAS LALU STATISTIK JANGKAAN HAYAT



W.P. KUALA LUMPUR

**LELAKI DAN
PEREMPUAN**

2022^e: 74.0 TAHUN
2012: 75.9 TAHUN

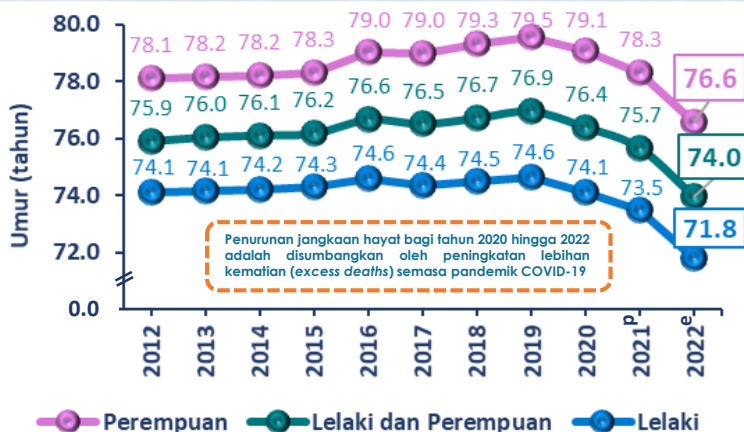
LELAKI

2022^e: 71.8 TAHUN
2012: 74.1 TAHUN

PEREMPUAN

2022^e: 76.6 TAHUN
2012: 78.1 TAHUN

JANGKAAN HAYAT KETIKA LAHIR, 2012-2022



PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2022 dijangka boleh hidup sehingga **76.6 tahun** manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **71.8 tahun**.

Bagi tempoh 2012 hingga 2019 (7 tahun), **jangkaan hayat ketika lahir meningkat 1.0 tahun** dengan **lelaki meningkat 0.5 tahun** dan **perempuan, 1.4 tahun**. Walau bagaimanapun, bagi tahun 2020 hingga 2022 (3 tahun), **jangkaan hayat ketika lahir menurun 2.4 tahun** dengan jangkaan hayat ketika lahir bagi **lelaki menurun 2.3 tahun** manakala **perempuan menurun 2.5 tahun**. Penurunan jangkaan hayat bagi tahun 2020 hingga 2022 adalah disumbangkan oleh peningkatan lebihan kematian semasa pandemik COVID-19 pada 2021.

JANGKAAN HAYAT PADA UMUR TERTENTU, 2012 & 2022^e

Negeri	Malaysia				W.P. Kuala Lumpur			
	2012		2022 ^e		2012		2022 ^e	
Tahun								
Umur tertentu	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan
0 tahun	72.2 tahun	76.9 tahun	71.3 tahun	75.8 tahun	74.1 tahun	78.1 tahun	71.8 tahun	76.6 tahun
15 tahun	58.0 tahun	62.6 tahun	56.9 tahun	61.3 tahun	59.7 tahun	63.6 tahun	57.3 tahun	62.0 tahun
60 tahun	18.0 tahun	20.4 tahun	17.5 tahun	20.1 tahun	19.0 tahun	20.9 tahun	17.1 tahun	20.1 tahun
65 tahun	14.5 tahun	16.4 tahun	14.2 tahun	16.4 tahun	15.4 tahun	16.8 tahun	14.1 tahun	16.6 tahun

PENEMUAN UTAMA

Lelaki dan perempuan yang mencapai umur **15 tahun** pada 2022 masing-masing **dijangka hidup selama 57.3 tahun** dan **62.0 tahun lagi**. Ini bermakna, lelaki pada umur **15 tahun** dijangka hidup sehingga **72.3 tahun** dan perempuan dijangka hidup sehingga **77.0 tahun**.

PENEMUAN UTAMA

Lelaki dan perempuan yang berumur **60 tahun** pada 2022 masing-masing **dijangka hidup selama 17.1 tahun** dan **20.1 tahun lagi**. Ini bermakna, seorang lelaki yang berumur **60 tahun** dijangka hidup sehingga **77.1 tahun** dan perempuan sehingga **80.1 tahun**.

Nota: ^p Permulaan ^e Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2020-2022, JABATAN PERANGKAIAN MALAYSIA (DOSM)

SEPINTAS LALU STATISTIK JANGKAAN HAYAT



W.P. LABUAN

**LELAKI DAN
PEREMPUAN**

2022^e: 74.5 TAHUN
2012: 75.5 TAHUN

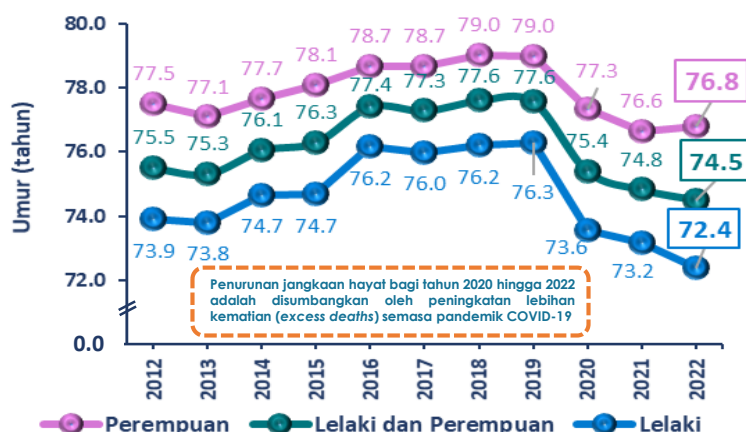
LELAKI

2022^e: 72.4 TAHUN
2012: 73.9 TAHUN

PEREMPUAN

2022^e: 76.8 TAHUN
2012: 77.5 TAHUN

JANGKAAN HAYAT KETIKA LAHIR, 2012-2022



PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2022 dijangka boleh hidup sehingga **76.8 tahun** manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **72.4 tahun**.

Bagi tempoh 2012 hingga 2019 (7 tahun), **jangkaan hayat ketika lahir meningkat 2.1 tahun dengan lelaki meningkat 2.4 tahun dan perempuan, 1.5 tahun**. Walau bagaimanapun, bagi tahun 2020 hingga 2022 (3 tahun), **jangkaan hayat ketika lahir menurun 0.9 tahun dengan jangkaan hayat ketika lahir bagi lelaki menurun 1.2 tahun manakala perempuan menurun 0.5 tahun**. Penurunan jangkaan hayat bagi tahun 2020 hingga 2022 adalah disumbangkan oleh peningkatan lebih banyak kematian semasa pandemik COVID-19 pada 2021.

JANGKAAN HAYAT PADA UMUR TERTENTU, 2012 & 2022^e

Negeri	Malaysia				W.P. Labuan			
	2012		2022 ^e		2012		2022 ^e	
Tahun								
Umur tertentu	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan
0 tahun	72.2 tahun	76.9 tahun	71.3 tahun	75.8 tahun	73.9 tahun	77.5 tahun	72.4 tahun	76.8 tahun
15 tahun	58.0 tahun	62.6 tahun	56.9 tahun	61.3 tahun	59.8 tahun	63.0 tahun	58.3 tahun	62.0 tahun
60 tahun	18.0 tahun	20.4 tahun	17.5 tahun	20.1 tahun	18.4 tahun	19.8 tahun	18.4 tahun	20.3 tahun
65 tahun	14.5 tahun	16.4 tahun	14.2 tahun	16.4 tahun	14.1 tahun	15.9 tahun	14.4 tahun	16.9 tahun

PENEMUAN UTAMA

Lelaki dan perempuan yang mencapai umur **15 tahun** pada 2022 masing-masing **dijangka hidup selama 58.3 tahun dan 62.0 tahun lagi**. Ini bermakna, lelaki pada umur **15 tahun** dijangka hidup sehingga **73.3 tahun** dan perempuan dijangka hidup sehingga **77.0 tahun**.

PENEMUAN UTAMA

Lelaki dan perempuan yang berumur **60 tahun** pada 2022 masing-masing **dijangka hidup selama 18.4 tahun dan 20.3 tahun lagi**. Ini bermakna, seorang lelaki yang berumur **60 tahun** dijangka hidup sehingga **78.4 tahun** dan perempuan sehingga **80.3 tahun**.

Nota: ^p Permulaan ^e Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2020-2022, JABATAN PERANGKAIAN MALAYSIA (DOSM)

SEPINTAS LALU STATISTIK JANGKAAN HAYAT



W.P. PUTRAJAYA

LELAKI DAN
PEREMPUAN

2022^e: 74.5 TAHUN
2012: 73.5 TAHUN

LELAKI

2022^e: 71.9 TAHUN
2012: 73.2 TAHUN

PEREMPUAN

2022^e: 77.0 TAHUN
2012: 73.8 TAHUN

JANGKAAN HAYAT KETIKA LAHIR, 2012-2022



PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2022 dijangka boleh hidup sehingga **77.0 tahun** manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **71.9 tahun**.

Bagi tempoh 2012 hingga 2019 (7 tahun), **jangkaan hayat ketika lahir meningkat 0.3 tahun** dengan **lelaki menurun 0.7 tahun** dan **perempuan meningkat 0.7 tahun**. Walau bagaimanapun, bagi tahun 2020 hingga 2022 (3 tahun), **jangkaan hayat ketika lahir bagi lelaki menurun 0.3 tahun** manakala **perempuan meningkat 0.3 tahun**. Penurunan jangkaan hayat bagi tahun 2020 hingga 2022 adalah disumbangkan oleh peningkatan lebih kematian semasa pandemik COVID-19 pada 2021.

JANGKAAN HAYAT PADA UMUR TERTENTU, 2012 & 2022^e

Negeri	Malaysia				W.P. Putrajaya			
Tahun	2012		2022 ^e		2012		2022 ^e	
Umur tertentu	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan
0 tahun	72.2 tahun	76.9 tahun	71.3 tahun	75.8 tahun	73.2 tahun	73.8 tahun	71.9 tahun	77.0 tahun
15 tahun	58.0 tahun	62.6 tahun	56.9 tahun	61.3 tahun	59.3 tahun	59.5 tahun	57.4 tahun	62.3 tahun
60 tahun	18.0 tahun	20.4 tahun	17.5 tahun	20.1 tahun	17.5 tahun	16.2 tahun	16.2 tahun	19.1 tahun
65 tahun	14.5 tahun	16.4 tahun	14.2 tahun	16.4 tahun	13.2 tahun	12.2 tahun	13.4 tahun	15.7 tahun

PENEMUAN UTAMA

Lelaki dan perempuan yang mencapai umur **15 tahun** pada 2022 masing-masing **dijangka hidup selama 57.4 tahun** dan **62.3 tahun lagi**. Ini bermakna, lelaki pada umur **15 tahun** dijangka hidup sehingga **72.4 tahun** dan perempuan dijangka hidup sehingga **77.3 tahun**.

PENEMUAN UTAMA

Lelaki dan perempuan yang berumur **60 tahun** pada 2022 masing-masing **dijangka hidup selama 16.2 tahun** dan **19.1 tahun lagi**. Ini bermakna, seorang lelaki yang berumur **60 tahun** dijangka hidup sehingga **76.2 tahun** dan perempuan sehingga **79.1 tahun**.

Nota: ^p Permulaan ^e Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2020-2022, JABATAN PERANGKAIAN MALAYSIA (DOSM)

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STATISTICS OF LIFE EXPECTANCY BY STATE AT A GLANCE



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STATISTICS OF LIFE EXPECTANCY AT A GLANCE



MALAYSIA

**BOTH
SEXES**

2022^e: 73.4 YEARS
2012: 74.4 YEARS

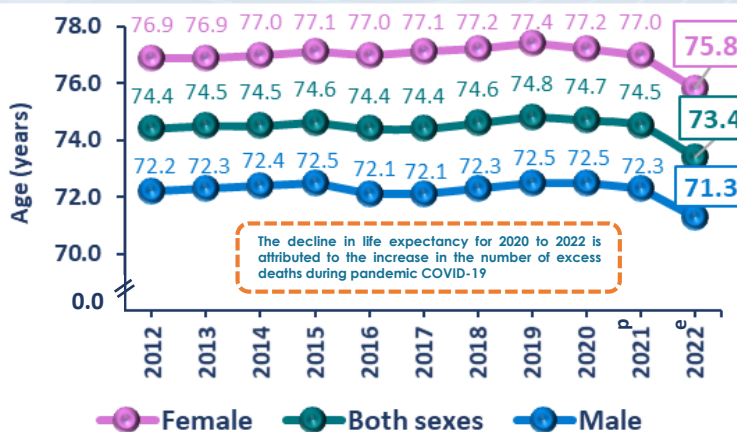
MALE

2022^e: 71.3 YEARS
2012: 72.2 YEARS

FEMALE

2022^e: 75.8 YEARS
2012: 76.9 YEARS

LIFE EXPECTANCY AT BIRTH, 2012-2022



MAIN FINDINGS

On average, a **baby girl** born in 2022 is expected to live longer up to **75.8 years** while a **baby boy**, is expected to live until **71.3 years**.

For the period of 2012 to 2019 (7 years), **life expectancy at birth increased by 0.4 years with males increased by 0.3 years and females, 0.5 years**. However, from 2020 to 2022 (3 years), **life expectancy at birth decreased by 1.3 years with males decreased by 1.2 years while females decreased by 1.4 years**. The decline in life expectancy for 2020 to 2022 occurred due to the increase in the number of excess deaths due to COVID-19 in 2021.

LIFE EXPECTANCY AT SPECIFIC AGE, 2012 & 2022^e

Malaysia				
Year	2012		2022 ^e	
Specific age	Male	Female	Male	Female
0 year	72.2 years	76.9 years	71.3 years	75.8 years
15 years	58.0 years	62.6 years	56.9 years	61.3 years
60 years	18.0 years	20.4 years	17.5 years	20.1 years
65 years	14.5 years	16.4 years	14.2 years	16.4 years

MAIN FINDINGS

Males and females who reach the age of **15 years** in 2022 are **expected to live for another 56.9 years and 61.3 years**, respectively. These indicate that males at the age of **15 years** is expected to live up to **71.9 years** and females up to the age of **76.3 years**.

MAIN FINDINGS

Males and females who reach the age of **60 years** in 2022 are **expected to live for another 17.5 years and 20.1 years**, respectively. Thus, males aged **60 years** are expected to live until the age of **77.5 years** and females, **80.1 years**.

Notes: ^p Preliminary ^e Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2020-2022, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

STATISTICS OF LIFE EXPECTANCY AT A GLANCE



JOHOR

**BOTH
SEXES**

2022^e: 73.1 YEARS
2012: 74.1 YEARS

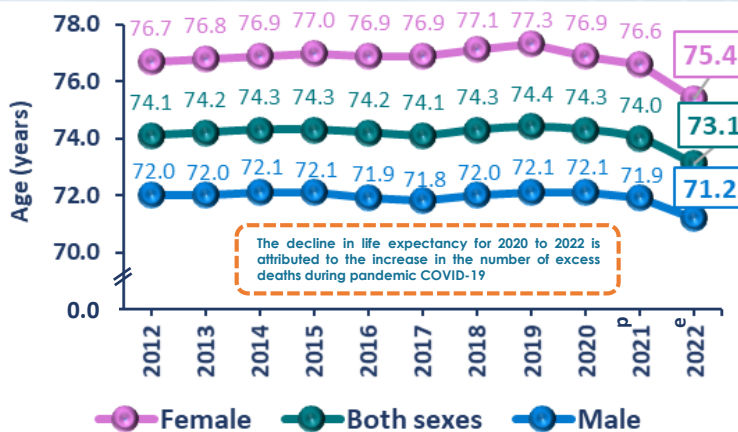
MALE

2022^e: 71.2 YEARS
2012: 72.0 YEARS

FEMALE

2022^e: 75.4 YEARS
2012: 76.7 YEARS

LIFE EXPECTANCY AT BIRTH, 2012-2022



MAIN FINDINGS

On average, a **baby girl** born in 2022 is expected to live longer up to **75.4 years** while a **baby boy**, is expected to live until **71.2 years**.

For the period of 2012 to 2019 (7 years), life expectancy at birth increased by 0.3 years with males increased by 0.1 years and females, 0.6 years. However, from 2020 to 2022 (3 years), life expectancy at birth decreased by 1.2 years with males decreased by 0.9 years while females decreased by 1.5 years. The decline in life expectancy for 2020 to 2022 occurred due to the increase in the number of excess deaths due to COVID-19 in 2021.

LIFE EXPECTANCY AT SPECIFIC AGE, 2012 & 2022^e

State	Malaysia				Johor			
Year	2012		2022 ^e		2012		2022 ^e	
Specific age	Male	Female	Male	Female	Male	Female	Male	Female
0 year	72.2 years	76.9 years	71.3 years	75.8 years	72.0 years	76.7 years	71.2 years	75.4 years
15 years	58.0 years	62.6 years	56.9 years	61.3 years	57.8 years	62.4 years	56.9 years	61.0 years
60 years	18.0 years	20.4 years	17.5 years	20.1 years	18.3 years	20.5 years	17.3 years	20.0 years
65 years	14.5 years	16.4 years	14.2 years	16.4 years	14.8 years	16.6 years	13.9 years	16.2 years

MAIN FINDINGS

Males and females who reach the age of **15 years** in 2022 are **expected to live for another 56.9 years and 61.0 years**, respectively. These indicate that males at the age of **15 years** is expected to live up to **71.9 years** and female up to the age of **76.0 years**.

MAIN FINDINGS

Males and females who reach the age of **60 years** in 2022 are **expected to live for another 17.3 years and 20.0 years**, respectively. Thus, males aged **60 years** are expected to live until the age of **77.3 years** and females, **80.0 years**.

Notes: ^p Preliminary ^e Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2020-2022, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

STATISTICS OF LIFE EXPECTANCY AT A GLANCE



KEDAH

**BOTH
SEXES**

2022^e: 70.9 YEARS
2012: 73.0 YEARS

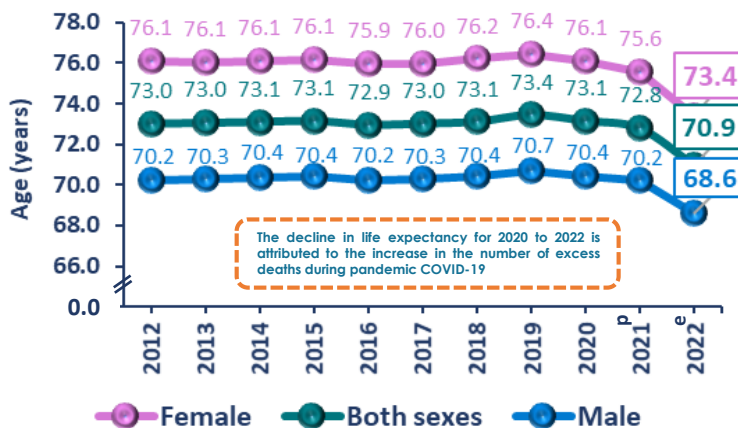
MALE

2022^e: 68.6 YEARS
2012: 70.2 YEARS

FEMALE

2022^e: 73.4 YEARS
2012: 76.1 YEARS

LIFE EXPECTANCY AT BIRTH, 2012-2022



MAIN FINDINGS

On average, a **baby girl** born in 2022 is expected to live longer up to **73.4 years** while a **baby boy**, is expected to live until **68.6 years**.

For the period of 2012 to 2019 (7 years), **life expectancy at birth increased by 0.4 years with males increased by 0.5 years and females, 0.3 years**. However, from 2020 to 2022 (3 years), **life expectancy at birth decreased by 2.2 years with males decreased by 1.8 years while females decreased by 2.7 years**. The decline in life expectancy for 2020 to 2022 occurred due to the increase in the number of excess deaths due to COVID-19 in 2021.

LIFE EXPECTANCY AT SPECIFIC AGE, 2012 & 2022^e

State	Malaysia				Kedah			
	2012		2022 ^e		2012		2022 ^e	
Specific age	Male	Female	Male	Female	Male	Female	Male	Female
0 year	72.2 years	76.9 years	71.3 years	75.8 years	70.2 years	76.1 years	68.6 years	73.4 years
15 years	58.0 years	62.6 years	56.9 years	61.3 years	56.1 years	61.8 years	54.2 years	58.9 years
60 years	18.0 years	20.4 years	17.5 years	20.1 years	17.0 years	20.1 years	16.9 years	19.2 years
65 years	14.5 years	16.4 years	14.2 years	16.4 years	13.6 years	16.2 years	13.8 years	15.7 years

MAIN FINDINGS

Males and females who reach the age of **15 years** in 2022 are **expected to live for another 54.2 years and 58.9 years**, respectively. These indicate that males at the age of **15 years** is expected to live up to **69.2 years** and female up to the age of **73.9 years**.

MAIN FINDINGS

Males and females who reach the age of **60 years** in 2022 are **expected to live for another 16.9 years and 19.2 years**, respectively. Thus, males aged **60 years** are expected to live until the age of **76.9 years** and females, **79.2 years**.

Notes: ^p Preliminary ^e Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2020-2022, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

STATISTICS OF LIFE EXPECTANCY AT A GLANCE



KELANTAN

**BOTH
SEXES**

2022^e: 71.0 YEARS
2012: 71.9 YEARS

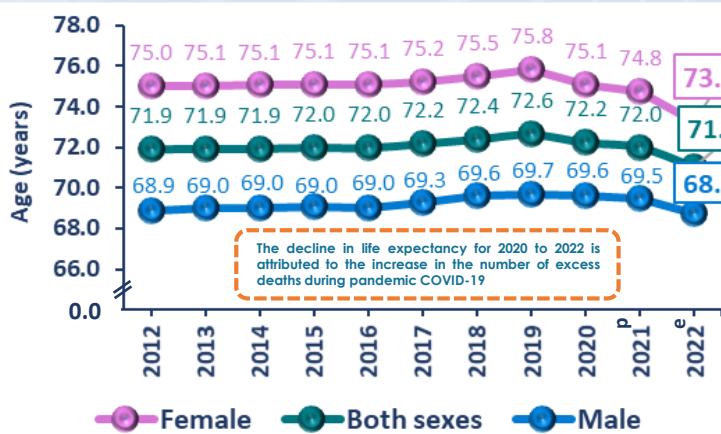
MALE

2022^e: 68.7 YEARS
2012: 68.9 YEARS

FEMALE

2022^e: 73.3 YEARS
2012: 75.0 YEARS

LIFE EXPECTANCY AT BIRTH, 2012-2022



MAIN FINDINGS

On average, a **baby girl** born in 2022 is expected to live longer up to **73.3 years** while a **baby boy**, is expected to live until **68.7 years**.

For the period of 2012 to 2019 (7 years), **life expectancy at birth increased by 0.7 years with males and females increased by 0.8 years, respectively**. However, from 2020 to 2022 (3 years), **life expectancy at birth decreased by 1.2 years with males decreased by 0.9 years while females decreased by 1.8 years**. The decline in life expectancy for 2020 to 2022 occurred due to the increase in the number of excess deaths due to COVID-19 in 2021.

LIFE EXPECTANCY AT SPECIFIC AGE, 2012 & 2022^e

State	Malaysia				Kelantan			
Year	2012		2022 ^e		2012		2022 ^e	
Specific age	Male	Female	Male	Female	Male	Female	Male	Female
 0 year	72.2 years	76.9 years	71.3 years	75.8 years	68.9 years	75.0 years	68.7 years	73.3 years
 15 years	58.0 years	62.6 years	56.9 years	61.3 years	54.9 years	60.8 years	54.5 years	58.9 years
 60 years	18.0 years	20.4 years	17.5 years	20.1 years	16.5 years	19.2 years	15.9 years	18.4 years
 65 years	14.5 years	16.4 years	14.2 years	16.4 years	13.1 years	15.3 years	12.6 years	14.8 years

MAIN FINDINGS

Males and females who reach the age of **15 years** in 2022 are **expected to live for another 54.5 years and 58.9 years, respectively**. These indicate that males at the age of **15 years** is expected to live up to **69.5 years** and female up to the age of **73.9 years**.

MAIN FINDINGS

Males and females who reach the age of **60 years** in 2022 are **expected to live for another 15.9 years and 18.4 years, respectively**. Thus, males aged **60 years** are expected to live until the age of **75.9 years** and females, **78.4 years**.

Notes: ^p Preliminary ^e Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2020-2022, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

STATISTICS OF LIFE EXPECTANCY AT A GLANCE



MELAKA

**BOTH
SEXES**

2022^e: 72.5 YEARS
2012: 74.1 YEARS

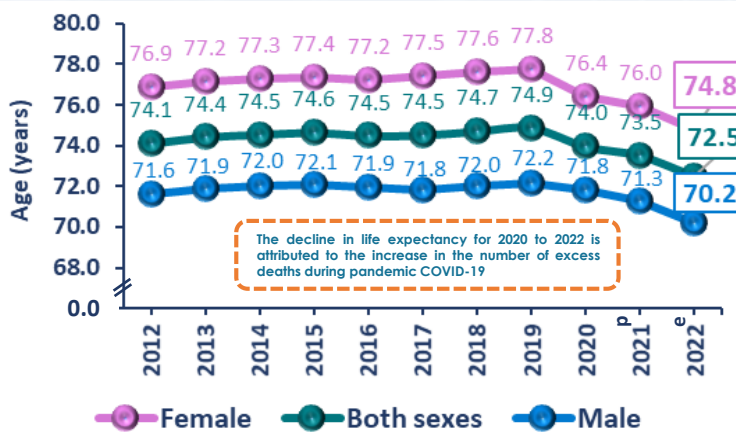
MALE

2022^e: 70.2 YEARS
2012: 71.6 YEARS

FEMALE

2022^e: 74.8 YEARS
2012: 76.9 YEARS

LIFE EXPECTANCY AT BIRTH, 2012-2022



MAIN FINDINGS

On average, a **baby girl** born in 2022 is expected to live longer up to **74.8 years** while a **baby boy**, is expected to live until **70.2 years**.

For the period of 2012 to 2019 (7 years), life expectancy at birth increased by 0.8 years with males increased by 0.6 years and females, 0.9 years. However, from 2020 to 2022 (3 years), life expectancy at birth decreased by 1.5 years with males and females decreased by 1.6 years, respectively. The decline in life expectancy for 2020 to 2022 occurred due to the increase in the number of excess deaths due to COVID-19 in 2021.

LIFE EXPECTANCY AT SPECIFIC AGE, 2012 & 2022^e

State	Malaysia				Melaka			
Year	2012		2022 ^e		2012		2022 ^e	
Specific age	Male	Female	Male	Female	Male	Female	Male	Female
 0 year	72.2 years	76.9 years	71.3 years	75.8 years	71.6 years	76.9 years	70.2 years	74.8 years
 15 years	58.0 years	62.6 years	56.9 years	61.3 years	57.5 years	62.6 years	55.8 years	60.4 years
 60 years	18.0 years	20.4 years	17.5 years	20.1 years	18.0 years	20.6 years	16.6 years	19.4 years
 65 years	14.5 years	16.4 years	14.2 years	16.4 years	14.5 years	16.6 years	13.4 years	15.8 years

MAIN FINDINGS

Males and females who reach the age of **15 years** in 2022 are **expected to live for another 55.8 years and 60.4 years**, respectively. These indicate that males at the age of **15 years** is expected to live up to **70.8 years** and female up to the age of **75.4 years**.

MAIN FINDINGS

Males and females who reach the age of **60 years** in 2022 are **expected to live for another 16.6 years and 19.4 years**, respectively. Thus, males aged **60 years** are expected to live until the age of **76.6 years** and females, **79.4 years**.

Notes: ^p Preliminary ^e Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2020-2022, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

STATISTICS OF LIFE EXPECTANCY AT A GLANCE



NEGERI SEMBILAN

**BOTH
SEXES**

2022^e: 72.4 YEARS
2012: 73.4 YEARS

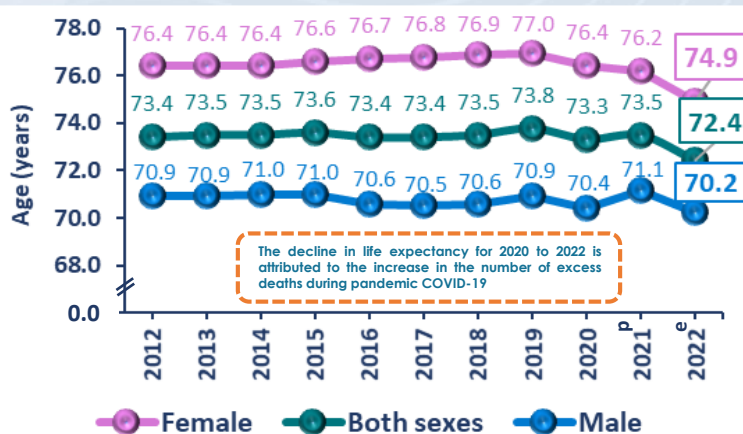
MALE

2022^e: 70.2 YEARS
2012: 70.9 YEARS

FEMALE

2022^e: 74.9 YEARS
2012: 76.4 YEARS

LIFE EXPECTANCY AT BIRTH, 2012-2022



MAIN FINDINGS

On average, a **baby girl** born in 2022 is expected to live longer up to **74.9 years** while a **baby boy**, is expected to live until **70.2 years**.

For the period of 2012 to 2019 (7 years), **life expectancy at birth increased by 0.4 years with males remained unchanged and females increased by 0.6 years**. However, from 2020 to 2022 (3 years), **life expectancy at birth decreased by 0.9 years with males decreased by 0.2 years while females decreased by 1.5 years**. The decline in life expectancy for 2020 to 2022 occurred due to the increase in the number of excess deaths due to COVID-19 in 2021.

LIFE EXPECTANCY AT SPECIFIC AGE, 2012 & 2022^e

State	Malaysia				Negeri Sembilan			
	2012		2022 ^e		2012		2022 ^e	
Specific age	Male	Female	Male	Female	Male	Female	Male	Female
0 year	72.2 years	76.9 years	71.3 years	75.8 years	70.9 years	76.4 years	70.2 years	74.9 years
15 years	58.0 years	62.6 years	56.9 years	61.3 years	56.6 years	62.2 years	55.8 years	60.6 years
60 years	18.0 years	20.4 years	17.5 years	20.1 years	17.9 years	20.3 years	16.9 years	19.5 years
65 years	14.5 years	16.4 years	14.2 years	16.4 years	14.5 years	16.4 years	13.8 years	15.7 years

MAIN FINDINGS

Males and females who reach the age of **15 years** in 2022 are **expected to live for another 55.8 years and 60.6 years**, respectively. These indicate that males at the age of **15 years** is expected to live up to **70.8 years** and female up to the age of **75.6 years**.

MAIN FINDINGS

Males and females who reach the age of **60 years** in 2022 are **expected to live for another 16.9 years and 19.5 years**, respectively. Thus, males aged **60 years** are expected to live until the age of **76.9 years** and females, **79.5 years**.

Notes: ^p Preliminary ^e Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2020-2022, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

STATISTICS OF LIFE EXPECTANCY AT A GLANCE



PAHANG

**BOTH
SEXES**

2022^e: 72.4 YEARS
2012: 72.8 YEARS

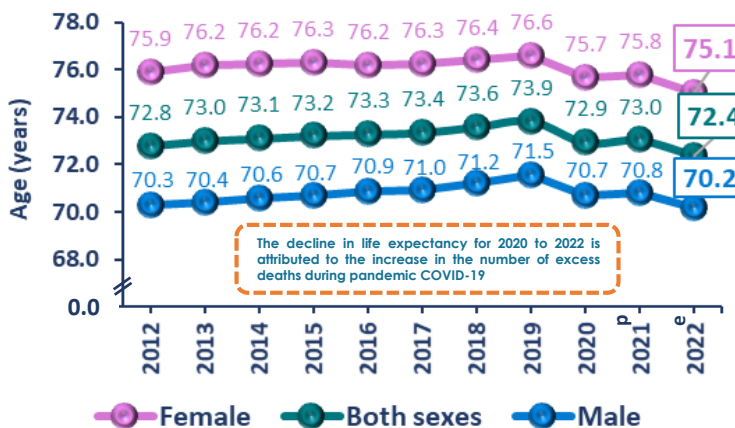
MALE

2022^e: 70.2 YEARS
2012: 70.3 YEARS

FEMALE

2022^e: 75.1 YEARS
2012: 75.9 YEARS

LIFE EXPECTANCY AT BIRTH, 2012-2022



MAIN FINDINGS

On average, a **baby girl** born in 2022 is expected to live longer up to **75.1 years** while a **baby boy**, is expected to live until **70.2 years**.

For the period of 2012 to 2019 (7 years), **life expectancy at birth increased by 1.1 years with males increased by 1.2 years and females, 0.7 years**. However, from 2020 to 2022 (3 years), **life expectancy at birth decreased by 0.5 years with males decreased by 0.5 years while females decreased by 0.6 years**. The decline in life expectancy for 2020 to 2022 occurred due to the increase in the number of excess deaths due to COVID-19 in 2021.

LIFE EXPECTANCY AT SPECIFIC AGE, 2012 & 2022^e

State	Malaysia				Pahang			
Year	2012		2022 ^e		2012		2022 ^e	
Specific age	Male	Female	Male	Female	Male	Female	Male	Female
 0 year	72.2 years	76.9 years	71.3 years	75.8 years	70.3 years	75.9 years	70.2 years	75.1 years
 15 years	58.0 years	62.6 years	56.9 years	61.3 years	56.4 years	61.8 years	55.8 years	60.7 years
 60 years	18.0 years	20.4 years	17.5 years	20.1 years	17.6 years	20.2 years	16.6 years	19.5 years
 65 years	14.5 years	16.4 years	14.2 years	16.4 years	14.2 years	16.2 years	13.3 years	15.9 years

MAIN FINDINGS

Males and females who reach the age of **15 years** in 2022 are **expected to live for another 55.8 years and 60.7 years**, respectively. These indicate that males at the age of **15 years** is expected to live up to **70.8 years** and female up to the age of **75.7 years**.

MAIN FINDINGS

Males and females who reach the age of **60 years** in 2022 are **expected to live for another 16.6 years and 19.5 years**, respectively. Thus, males aged **60 years** are expected to live until the age of **76.6 years** and females, **79.5 years**.

Notes: ^p Preliminary ^e Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2020-2022, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

STATISTICS OF LIFE EXPECTANCY AT A GLANCE



PERAK

**BOTH
SEXES**

2022^e: 73.1 YEARS
2012: 73.7 YEARS

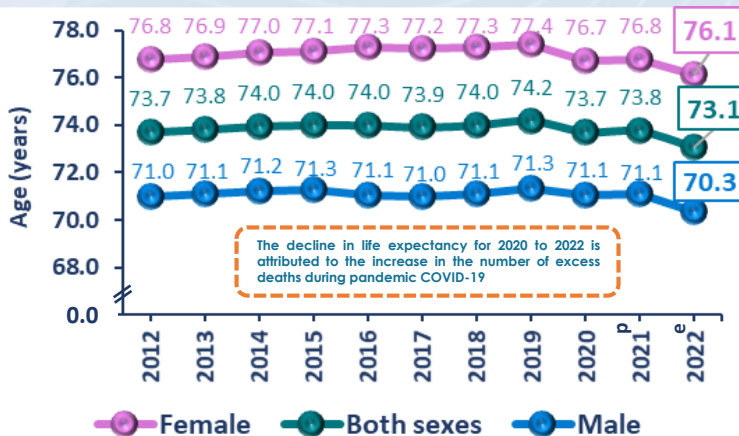
MALE

2022^e: 70.3 YEARS
2012: 71.0 YEARS

FEMALE

2022^e: 76.1 YEARS
2012: 76.8 YEARS

LIFE EXPECTANCY AT BIRTH, 2012-2022



MAIN FINDINGS

On average, a **baby girl** born in 2022 is expected to live longer up to **76.1 years** while a **baby boy**, is expected to live until **70.3 years**.

For the period of 2012 to 2019 (7 years), life expectancy at birth increased by 0.5 years with males increased by 0.3 years and females, 0.6 years. However, from 2020 to 2022 (3 years), life expectancy at birth decreased by 0.6 years with males decreased by 0.8 years while females decreased by 0.6 years. The decline in life expectancy for 2020 to 2022 occurred due to the increase in the number of excess deaths due to COVID-19 in 2021.

LIFE EXPECTANCY AT SPECIFIC AGE, 2012 & 2022^e

State	Malaysia				Perak			
Year	2012		2022 ^e		2012		2022 ^e	
Specific age	Male	Female	Male	Female	Male	Female	Male	Female
0 year	72.2 years	76.9 years	71.3 years	75.8 years	71.0 years	76.8 years	70.3 years	76.1 years
15 years	58.0 years	62.6 years	56.9 years	61.3 years	56.9 years	62.5 years	56.0 years	61.8 years
60 years	18.0 years	20.4 years	17.5 years	20.1 years	18.0 years	20.7 years	17.2 years	20.5 years
65 years	14.5 years	16.4 years	14.2 years	16.4 years	14.6 years	16.8 years	13.9 years	16.7 years

MAIN FINDINGS

Males and females who reach the age of **15 years** in 2022 are **expected to live for another 56.0 years and 61.8 years**, respectively. These indicate that males at the age of **15 years** is expected to live up to **71.0 years** and female up to the age of **76.8 years**.

MAIN FINDINGS

Males and females who reach the age of **60 years** in 2022 are **expected to live for another 17.2 years and 20.5 years**, respectively. Thus, males aged **60 years** are expected to live until the age of **77.2 years** and females, **80.5 years**.

Notes: ^p Preliminary ^e Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2020-2022, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

STATISTICS OF LIFE EXPECTANCY AT A GLANCE



PERLIS

**BOTH
SEXES**

2022^e: 72.3 YEARS
2012: 72.8 YEARS

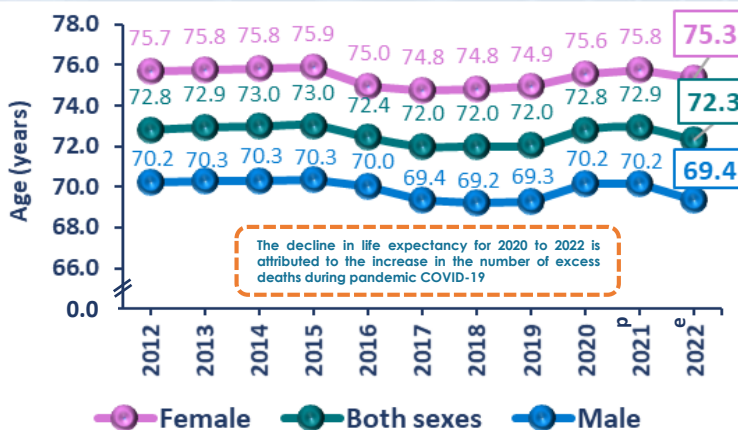
MALE

2022^e: 69.4 YEARS
2012: 70.2 YEARS

FEMALE

2022^e: 75.3 YEARS
2012: 75.7 YEARS

LIFE EXPECTANCY AT BIRTH, 2012-2022



MAIN FINDINGS

On average, a **baby girl** born in 2022 is expected to live longer up to **75.3 years** while a **baby boy**, is expected to live until **69.4 years**.

For the period of 2012 to 2019 (7 years), **life expectancy at birth decreased by 0.8 years with males decreased by 0.9 years and females, 0.8 years**. However, from 2020 to 2022 (3 years), **life expectancy at birth decreased by 0.5 years with males decreased by 0.8 years while females decreased by 0.3 years**. The decline in life expectancy for 2020 to 2022 occurred due to the increase in the number of excess deaths due to COVID-19 in 2021.

LIFE EXPECTANCY AT SPECIFIC AGE, 2012 & 2022^e

State	Malaysia				Perlis			
Year	2012		2022 ^e		2012		2022 ^e	
Specific age	Male	Female	Male	Female	Male	Female	Male	Female
0 year	72.2 years	76.9 years	71.3 years	75.8 years	70.2 years	75.7 years	69.4 years	75.3 years
15 years	58.0 years	62.6 years	56.9 years	61.3 years	56.3 years	61.5 years	55.0 years	61.3 years
60 years	18.0 years	20.4 years	17.5 years	20.1 years	17.1 years	19.8 years	16.4 years	19.7 years
65 years	14.5 years	16.4 years	14.2 years	16.4 years	13.8 years	16.1 years	13.4 years	16.2 years

MAIN FINDINGS

Males and females who reach the age of **15 years** in 2022 are **expected to live for another 55.0 years and 61.3 years**, respectively. These indicate that males at the age of **15 years** is expected to live up to **70.0 years** and female up to the age of **76.3 years**.

MAIN FINDINGS

Males and females who reach the age of **60 years** in 2022 are **expected to live for another 16.4 years and 19.7 years**, respectively. Thus, males aged **60 years** are expected to live until the age of **76.4 years** and females, **79.7 years**.

Notes: ^p Preliminary ^e Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2020-2022, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

STATISTICS OF LIFE EXPECTANCY AT A GLANCE



PULAU PINANG

**BOTH
SEXES**

2022^e: 73.2 YEARS
2012: 74.7 YEARS

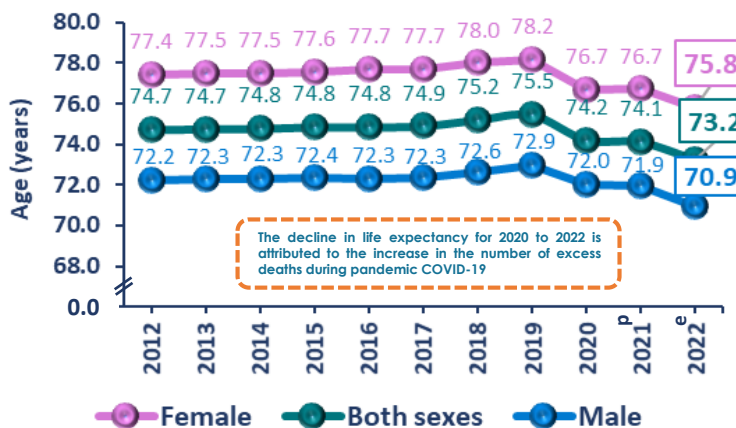
MALE

2022^e: 70.9 YEARS
2012: 72.2 YEARS

FEMALE

2022^e: 75.8 YEARS
2012: 77.4 YEARS

LIFE EXPECTANCY AT BIRTH, 2012-2022



MAIN FINDINGS

On average, a **baby girl** born in 2022 is expected to live longer up to **75.8 years** while a **baby boy**, is expected to live until **70.9 years**.

For the period of 2012 to 2019 (7 years), **life expectancy at birth increased by 0.8 years with males increased by 0.7 years and females, 0.8 years**. However, from 2020 to 2022 (3 years), **life expectancy at birth decreased by 1.0 years with males decreased by 1.1 years while females decreased by 0.9 years**. The decline in life expectancy for 2020 to 2022 occurred due to the increase in the number of excess deaths due to COVID-19 in 2021.

LIFE EXPECTANCY AT SPECIFIC AGE, 2012 & 2022^e

State	Malaysia				Pulau Pinang			
	2012		2022 ^e		2012		2022 ^e	
Specific age	Male	Female	Male	Female	Male	Female	Male	Female
0 year	72.2 years	76.9 years	71.3 years	75.8 years	72.2 years	77.4 years	70.9 years	75.8 years
15 years	58.0 years	62.6 years	56.9 years	61.3 years	58.0 years	63.1 years	56.4 years	61.2 years
60 years	18.0 years	20.4 years	17.5 years	20.1 years	18.0 years	20.5 years	16.5 years	19.2 years
65 years	14.5 years	16.4 years	14.2 years	16.4 years	14.5 years	16.5 years	13.0 years	15.2 years

MAIN FINDINGS

Males and females who reach the age of **15 years** in 2022 are **expected to live for another 56.4 years and 61.2 years**, respectively. These indicate that males at the age of **15 years** is expected to live up to **71.4 years** and female up to the age of **76.2 years**.

MAIN FINDINGS

Males and females who reach the age of **60 years** in 2022 are **expected to live for another 16.5 years and 19.2 years**, respectively. Thus, males aged **60 years** are expected to live until the age of **76.5 years** and females, **79.2 years**.

Notes: ^p Preliminary ^e Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2020-2022, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

STATISTICS OF LIFE EXPECTANCY AT A GLANCE



SABAH

**BOTH
SEXES**

2022^e: 73.5 YEARS
2012: 73.2 YEARS

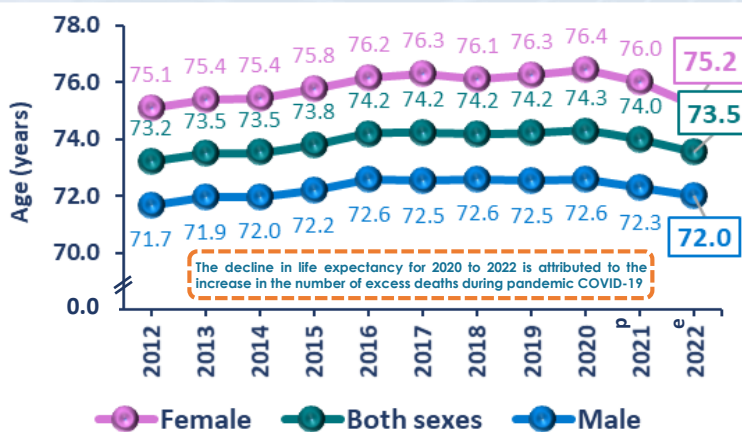
MALE

2022^e: 72.0 YEARS
2012: 71.7 YEARS

FEMALE

2022^e: 75.2 YEARS
2012: 75.1 YEARS

LIFE EXPECTANCY AT BIRTH, 2012-2022



MAIN FINDINGS

On average, a **baby girl** born in 2022 is expected to live longer up to **75.2 years** while a **baby boy**, is expected to live until **72.0 years**.

For the period of 2012 to 2019 (7 years), **life expectancy at birth increased by 1.0 years with males increased by 0.8 years and females, 1.2 years**. However, from 2020 to 2022 (3 years), **life expectancy at birth decreased by 0.8 years with males decreased by 0.6 years while females decreased by 1.2 years**. The decline in life expectancy for 2020 to 2022 occurred due to the increase in the number of excess deaths due to COVID-19 in 2021.

LIFE EXPECTANCY AT SPECIFIC AGE, 2012 & 2022^e

State	Malaysia				Sabah			
	2012		2022 ^e		2012		2022 ^e	
Specific age	Male	Female	Male	Female	Male	Female	Male	Female
0 year	72.2 years	76.9 years	71.3 years	75.8 years	71.7 years	75.1 years	72.0 years	75.2 years
15 years	58.0 years	62.6 years	56.9 years	61.3 years	57.7 years	61.1 years	57.8 years	61.1 years
60 years	18.0 years	20.4 years	17.5 years	20.1 years	16.9 years	19.2 years	17.8 years	20.0 years
65 years	14.5 years	16.4 years	14.2 years	16.4 years	13.2 years	15.2 years	14.8 years	16.6 years

MAIN FINDINGS

Males and females who reach the age of **15 years** in 2022 are **expected to live for another 57.8 years and 61.1 years**, respectively. These indicate that males at the age of **15 years** is expected to live up to **72.8 years** and female up to the age of **76.1 years**.

MAIN FINDINGS

Males and females who reach the age of **60 years** in 2022 are **expected to live for another 17.8 years and 20.0 years**, respectively. Thus, males aged **60 years** are expected to live until the age of **77.8 years** and females, **80.0 years**.

Notes: ^p Preliminary ^e Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2020-2022, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

STATISTICS OF LIFE EXPECTANCY AT A GLANCE



SARAWAK

**BOTH
SEXES**

2022^e: 74.3 YEARS
2012: 75.9 YEARS

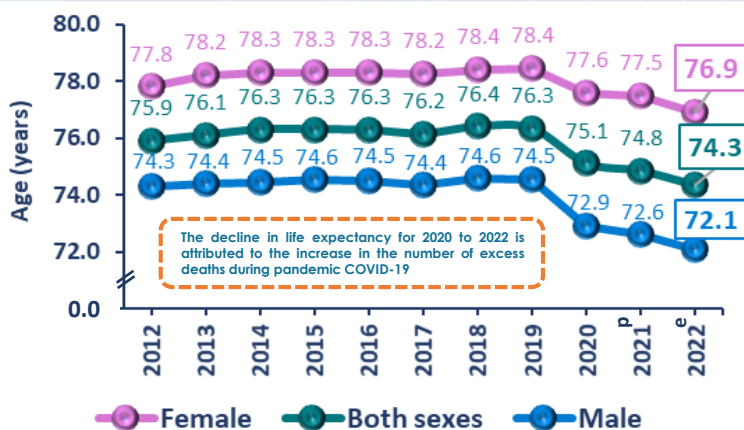
MALE

2022^e: 72.1 YEARS
2012: 74.3 YEARS

FEMALE

2022^e: 76.9 YEARS
2012: 77.8 YEARS

LIFE EXPECTANCY AT BIRTH, 2012-2022



MAIN FINDINGS

On average, a **baby girl** born in 2022 is expected to live longer up to **76.9 years** while a **baby boy**, is expected to live until **72.1 years**.

For the period of 2012 to 2019 (7 years), **life expectancy at birth increased by 0.4 years with males increased by 0.2 years and females, 0.6 years**. However, from 2020 to 2022 (3 years), **life expectancy at birth decreased by 0.8 years with males decreased by 0.8 years while females decreased by 0.7 years**. The decline in life expectancy for 2020 to 2022 occurred due to the increase in the number of excess deaths due to COVID-19 in 2021.

LIFE EXPECTANCY AT SPECIFIC AGE, 2012 & 2022^e

State	Malaysia				Sarawak			
Year	2012		2022 ^e		2012		2022 ^e	
Specific age	Male	Female	Male	Female	Male	Female	Male	Female
0 year	72.2 years	76.9 years	71.3 years	75.8 years	74.3 years	77.8 years	72.1 years	76.9 years
15 years	58.0 years	62.6 years	56.9 years	61.3 years	60.1 years	63.5 years	57.6 years	62.4 years
60 years	18.0 years	20.4 years	17.5 years	20.1 years	19.5 years	21.1 years	18.4 years	20.8 years
65 years	14.5 years	16.4 years	14.2 years	16.4 years	15.7 years	17.1 years	14.6 years	16.9 years

MAIN FINDINGS

Males and females who reach the age of **15 years** in 2022 are **expected to live for another 57.6 years and 62.4 years**, respectively. These indicate that males at the age of **15 years** is expected to live up to **72.6 years** and female up to the age of **77.4 years**.

MAIN FINDINGS

Males and females who reach the age of **60 years** in 2022 are **expected to live for another 18.4 years and 20.8 years**, respectively. Thus, males aged **60 years** are expected to live until the age of **78.4 years** and females, **80.8 years**.

Notes: ^p Preliminary ^e Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2020-2022, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

STATISTICS OF LIFE EXPECTANCY AT A GLANCE



SELANGOR

**BOTH
SEXES**

2022^e: 75.2 YEARS
2012: 75.0 YEARS

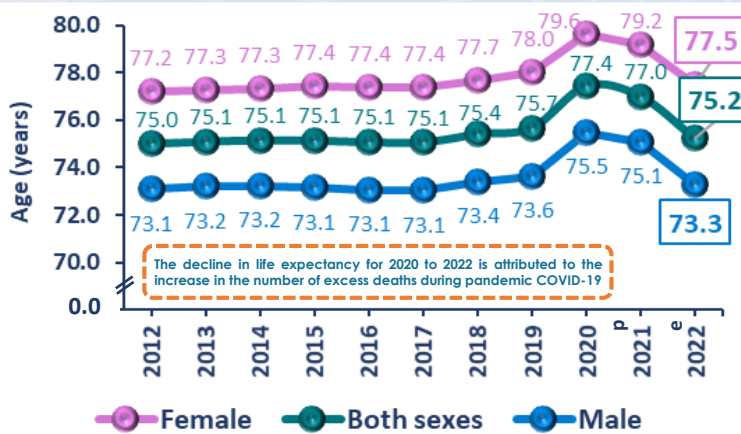
MALE

2022^e: 73.3 YEARS
2012: 73.1 YEARS

FEMALE

2022^e: 77.5 YEARS
2012: 77.2 YEARS

LIFE EXPECTANCY AT BIRTH, 2012-2022



MAIN FINDINGS

On average, a **baby girl** born in 2022 is expected to live longer up to **77.5 years** while a **baby boy**, is expected to live until **73.3 years**.

For the period of 2012 to 2019 (7 years), **life expectancy at birth increased by 0.7 years with males increased by 0.5 years and females, 0.8 years**. However, from 2020 to 2022 (3 years), **life expectancy at birth decreased by 2.2 years with males decreased by 2.2 years while females decreased by 2.1 years**. The decline in life expectancy for 2020 to 2022 occurred due to the increase in the number of excess deaths due to COVID-19 in 2021.

LIFE EXPECTANCY AT SPECIFIC AGE, 2012 & 2022^e

State	Malaysia				Selangor			
Year	2012		2022 ^e		2012		2022 ^e	
Specific age	Male	Female	Male	Female	Male	Female	Male	Female
0 year	72.2 years	76.9 years	71.3 years	75.8 years	73.1 years	77.2 years	73.3 years	77.5 years
15 years	58.0 years	62.6 years	56.9 years	61.3 years	58.8 years	62.8 years	58.7 years	62.9 years
60 years	18.0 years	20.4 years	17.5 years	20.1 years	18.1 years	20.2 years	19.0 years	21.5 years
65 years	14.5 years	16.4 years	14.2 years	16.4 years	14.5 years	16.1 years	15.9 years	17.7 years

MAIN FINDINGS

Males and females who reach the age of **15 years** in 2022 are **expected to live for another 58.7 years and 62.9 years**, respectively. These indicate that males at the age of **15 years** is expected to live up to **73.7 years** and female up to the age of **77.9 years**.

MAIN FINDINGS

Males and females who reach the age of **60 years** in 2022 are **expected to live for another 19.0 years and 21.5 years**, respectively. Thus, males aged **60 years** are expected to live until the age of **79.0 years** and females, **81.5 years**.

Notes: ^p Preliminary ^e Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2020-2022, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

STATISTICS OF LIFE EXPECTANCY AT A GLANCE



TERENGGANU

**BOTH
SEXES**

2022^e: 71.0 YEARS
2012: 71.2 YEARS

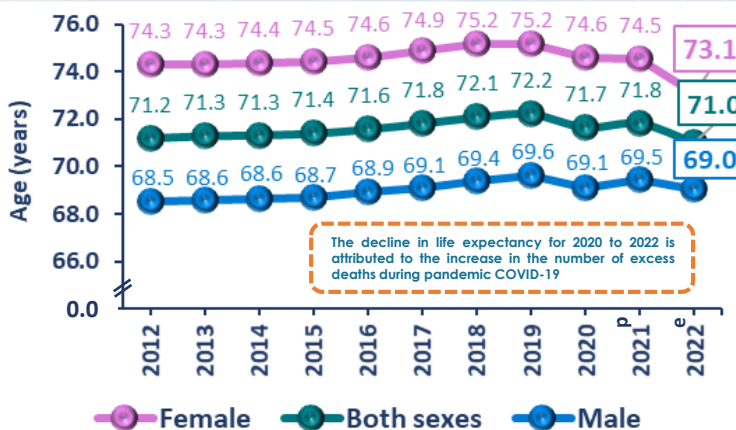
MALE

2022^e: 69.0 YEARS
2012: 68.5 YEARS

FEMALE

2022^e: 73.1 YEARS
2012: 74.3 YEARS

LIFE EXPECTANCY AT BIRTH, 2012-2022



MAIN FINDINGS

On average, a **baby girl** born in 2022 is expected to live longer up to **73.1 years** while a **baby boy**, is expected to live until **69.0 years**.

For the period of 2012 to 2019 (7 years), **life expectancy at birth increased by 1.0 years with males increased by 1.1 years and females, 0.9 years**. However, from 2020 to 2022 (3 years), **life expectancy at birth decreased by 0.7 years with males decreased by 0.1 years while females decreased by 1.5 years**. The decline in life expectancy for 2020 to 2022 occurred due to the increase in the number of excess deaths due to COVID-19 in 2021.

LIFE EXPECTANCY AT SPECIFIC AGE, 2012 & 2022^e

State	Malaysia				Terengganu			
Year	2012		2022 ^e		2012		2022 ^e	
Specific age	Male	Female	Male	Female	Male	Female	Male	Female
0 year	72.2 years	76.9 years	71.3 years	75.8 years	68.5 years	74.3 years	69.0 years	73.1 years
15 years	58.0 years	62.6 years	56.9 years	61.3 years	54.5 years	60.2 years	54.7 years	58.7 years
60 years	18.0 years	20.4 years	17.5 years	20.1 years	16.3 years	18.6 years	15.8 years	17.9 years
65 years	14.5 years	16.4 years	14.2 years	16.4 years	12.8 years	14.7 years	12.6 years	14.4 years

MAIN FINDINGS

Males and females who reach the age of **15 years** in 2022 are **expected to live for another 54.7 years and 58.7 years**, respectively. These indicate that males at the age of **15 years** is expected to live up to **69.7 years** and female up to the age of **73.7 years**.

MAIN FINDINGS

Males and females who reach the age of **60 years** in 2022 are **expected to live for another 15.8 years and 17.9 years**, respectively. Thus, males aged **60 years** are expected to live until the age of **75.8 years** and females, **77.9 years**.

Notes: ^p Preliminary ^e Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2020-2022, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

STATISTICS OF LIFE EXPECTANCY AT A GLANCE



W.P. KUALA LUMPUR

**BOTH
SEXES**

2022^e: 74.0 YEARS
2012: 75.9 YEARS

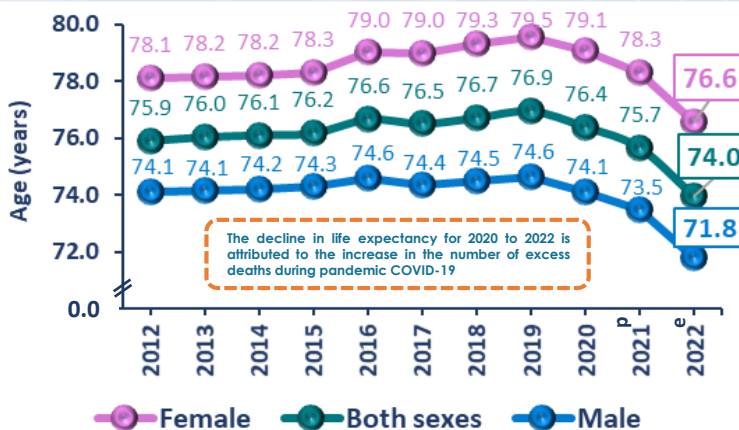
MALE

2022^e: 71.8 YEARS
2012: 74.1 YEARS

FEMALE

2022^e: 76.6 YEARS
2012: 78.1 YEARS

LIFE EXPECTANCY AT BIRTH, 2012-2022



MAIN FINDINGS

On average, a **baby girl** born in 2022 is expected to live longer up to **76.6 years** while a **baby boy**, is expected to live until **71.8 years**.

For the period of 2012 to 2019 (7 years), **life expectancy at birth increased by 1.0 years with males increased by 0.5 years and females, 1.4 years**. However, from 2020 to 2022 (3 years), **life expectancy at birth decreased by 2.4 years with males decreased by 2.3 years while females decreased by 2.5 years**. The decline in life expectancy for 2020 to 2022 occurred due to the increase in the number of excess deaths due to COVID-19 in 2021.

LIFE EXPECTANCY AT SPECIFIC AGE, 2012 & 2022^e

State	Malaysia				W.P. Kuala Lumpur			
	2012		2022 ^e		2012		2022 ^e	
Specific age	Male	Female	Male	Female	Male	Female	Male	Female
0 year	72.2 years	76.9 years	71.3 years	75.8 years	74.1 years	78.1 years	71.8 years	76.6 years
15 years	58.0 years	62.6 years	56.9 years	61.3 years	59.7 years	63.6 years	57.3 years	62.0 years
60 years	18.0 years	20.4 years	17.5 years	20.1 years	19.0 years	20.9 years	17.1 years	20.1 years
65 years	14.5 years	16.4 years	14.2 years	16.4 years	15.4 years	16.8 years	14.1 years	16.6 years

MAIN FINDINGS

Males and females who reach the age of **15 years** in 2022 are **expected to live for another 57.3 years and 62.0 years**, respectively. These indicate that males at the age of **15 years** is expected to live up to **72.3 years** and female up to the age of **77.0 years**.

MAIN FINDINGS

Males and females who reach the age of **60 years** in 2022 are **expected to live for another 17.1 years and 20.1 years**, respectively. Thus, males aged **60 years** are expected to live until the age of **77.1 years** and females, **80.1 years**.

Notes: ^p Preliminary ^e Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2020-2022, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

STATISTICS OF LIFE EXPECTANCY AT A GLANCE



W.P. LABUAN

**BOTH
SEXES**

2022^e: 74.5 YEARS
2012: 75.5 YEARS

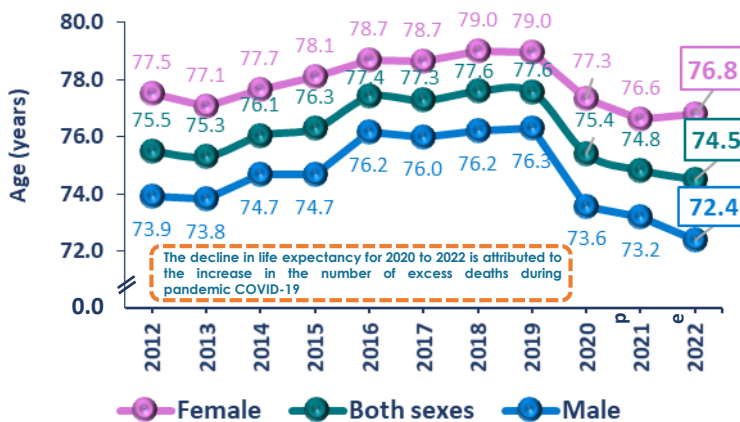
MALE

2022^e: 72.4 YEARS
2012: 73.9 YEARS

FEMALE

2022^e: 76.8 YEARS
2012: 77.5 YEARS

LIFE EXPECTANCY AT BIRTH, 2012-2022



MAIN FINDINGS

On average, a **baby girl** born in 2022 is expected to live longer up to **76.8 years** while a **baby boy**, is expected to live until **72.4 years**.

For the period of 2012 to 2019 (7 years), **life expectancy at birth increased by 2.1 years with males increased by 2.4 years and females, 1.5 years**. However, from 2020 to 2022 (3 years), **life expectancy at birth decreased by 0.9 years with males decreased by 1.2 years while females decreased by 0.5 years**. The decline in life expectancy for 2020 to 2022 occurred due to the increase in the number of excess deaths due to COVID-19 in 2021.

LIFE EXPECTANCY AT SPECIFIC AGE, 2012 & 2022^e

State	Malaysia				W.P. Labuan			
	2012		2022 ^e		2012		2022 ^e	
Specific age	Male	Female	Male	Female	Male	Female	Male	Female
0 year	72.2 years	76.9 years	71.3 years	75.8 years	73.9 years	77.5 years	72.4 years	76.8 years
15 years	58.0 years	62.6 years	56.9 years	61.3 years	59.8 years	63.0 years	58.3 years	62.0 years
60 years	18.0 years	20.4 years	17.5 years	20.1 years	18.4 years	19.8 years	18.4 years	20.3 years
65 years	14.5 years	16.4 years	14.2 years	16.4 years	14.1 years	15.9 years	14.4 years	16.9 years

MAIN FINDINGS

Males and females who reach the age of **15 years** in 2022 are **expected to live for another 58.3 years and 62.0 years**, respectively. These indicate that males at the age of **15 years** is expected to live up to **73.3 years** and female up to the age of **77.0 years**.

MAIN FINDINGS

Males and females who reach the age of **60 years** in 2022 are **expected to live for another 18.4 years and 20.3 years**, respectively. Thus, males aged **60 years** are expected to live until the age of **78.4 years** and females, **80.3 years**.

Notes: ^p Preliminary ^e Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2020-2022, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

STATISTICS OF LIFE EXPECTANCY AT A GLANCE



W.P. PUTRAJAYA

BOTH
SEXES

2022^e: 74.5 YEARS
2012: 73.5 YEARS

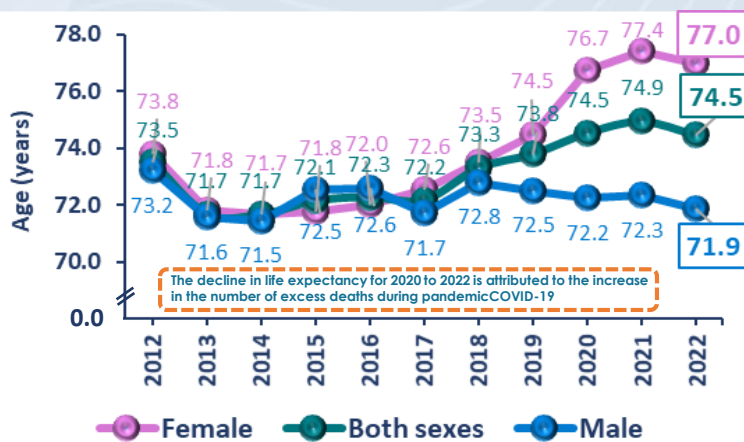
MALE

2022^e: 71.9 YEARS
2012: 73.2 YEARS

FEMALE

2022^e: 77.0 YEARS
2012: 73.8 YEARS

LIFE EXPECTANCY AT BIRTH, 2012-2022



MAIN FINDINGS

On average, a **baby girl** born in 2022 is expected to live longer up to **77.0 years** while a **baby boy**, is expected to live until **71.9 years**.

For the period of 2012 to 2019 (7 years), life expectancy at birth increased by 0.3 years with males decreased by 0.7 years and females increased by 0.7 years. However, from 2020 to 2022 (3 years), life expectancy at birth for males decreased by 0.3 years while females increased by 0.3 years. The decline in life expectancy for 2020 to 2022 occurred due to the increase in the number of excess deaths due to COVID-19 in 2021.

LIFE EXPECTANCY AT SPECIFIC AGE, 2012 & 2022^e

State	Malaysia				W.P. Putrajaya			
	2012		2022 ^e		2012		2022 ^e	
Specific age	Male	Female	Male	Female	Male	Female	Male	Female
0 year	72.2 years	76.9 years	71.3 years	75.8 years	73.2 years	73.8 years	71.9 years	77.0 years
15 years	58.0 years	62.6 years	56.9 years	61.3 years	59.3 years	59.5 years	57.4 years	62.3 years
60 years	18.0 years	20.4 years	17.5 years	20.1 years	17.5 years	16.2 years	16.2 years	19.1 years
65 years	14.5 years	16.4 years	14.2 years	16.4 years	13.2 years	12.2 years	13.4 years	15.7 years

MAIN FINDINGS

Males and females who reach the age of **15 years** in 2022 are **expected to live for another 57.4 years and 62.3 years**, respectively. These indicate that males at the age of **15 years** is expected to live up to **72.4 years** and female up to the age of **77.3 years**.

MAIN FINDINGS

Males and females who reach the age of **60 years** in 2022 are **expected to live for another 16.2 years and 19.1 years**, respectively. Thus, males aged **60 years** are expected to live until the age of **76.2 years** and females, **79.1 years**.

Notes: ^p Preliminary ^e Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2020-2022, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

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RINGKASAN PENEMUAN



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1. PENGENALAN

Jadual Hayat Ringkas, Malaysia, 2020-2022 membentangkan jadual hayat mengikut kumpulan umur, kumpulan etnik dan jantina di peringkat Malaysia dan negeri. Jadual hayat ringkas di peringkat Malaysia disediakan mengikut kumpulan umur, kumpulan etnik utama dan jantina manakala di peringkat negeri mengikut kumpulan umur dan jantina sahaja. Jadual hayat ini dijana menggunakan statistik kematian pertengahan tahun dan anggaran penduduk pertengahan tahun.

Jadual hayat ringkas bagi tahun 2020 (muktamad) dan 2021 (permulaan) dianggarkan menggunakan model *Coale-Demeny (West)* berasaskan kepada purata bilangan kematian pertengahan tahun untuk tempoh tiga tahun. Bagi jadual hayat ringkas tahun semasa, 2022 (anggaran), dijana menggunakan model *Brass Logit*.

Jadual hayat ringkas adalah jadual yang menunjukkan **kebarangkalian mati seseorang pada sesuatu umur (selang umur 5 tahun) sebelum mencapai ulang tahun kelahiran seterusnya**. Pengiraan jadual hayat disediakan menggunakan input kadar mortaliti umur tertentu atau kebarangkalian mati (q_x) dan hasilnya akan digunakan untuk mengukur mortaliti, nisbah ketakatan dan jangkaan hayat.

Jangkaan hayat adalah **purata baki umur (tahun) seseorang dijangka dapat hidup** pada permulaan umur tertentu dengan andaian kadar mortaliti umur tertentu adalah sama sepanjang hayat.

2. PENEMUAN UTAMA JADUAL HAYAT RINGKAS, 2020-2022

- a. Seorang bayi yang lahir pada tahun ...
 - i. 2020 secara purata dijangka hidup sehingga **74.7 tahun**.
 - ii. 2021 (permulaan) secara purata dijangka hidup sehingga **74.5 tahun**.
 - iii. 2022 (anggaran) secara purata dijangka hidup sehingga **73.4 tahun**.
- b. Seorang **bayi lelaki** yang lahir pada tahun ...
 - i. 2020 secara purata dijangka hidup sehingga **72.5 tahun**.
 - ii. 2021 (permulaan) secara purata dijangka hidup sehingga **72.3 tahun**.
 - iii. 2022 (anggaran) secara purata dijangka hidup sehingga **71.3 tahun**.
- c. Seorang **bayi perempuan** yang lahir pada tahun ...
 - i. 2020 secara purata dijangka hidup sehingga **77.2 tahun**.
 - ii. 2021 (permulaan) secara purata dijangka hidup sehingga **77.0 tahun**.
 - iii. 2022 (anggaran) secara purata dijangka hidup sehingga **75.8 tahun**.
- d. Seorang **lelaki** yang mencapai umur **15 tahun** pada tahun ...
 - i. 2020 dijangka hidup selama **58.3 tahun lagi**.
 - ii. 2021 (permulaan) dijangka hidup selama **57.9 tahun lagi**.
 - iii. 2022 (anggaran) dijangka hidup selama **56.9 tahun lagi**.
- e. Seorang **perempuan** yang mencapai umur **15 tahun** pada tahun ...
 - i. 2020 dijangka hidup selama **62.9 tahun lagi**.
 - ii. 2021 (permulaan) dijangka hidup selama **62.6 tahun lagi**.
 - iii. 2022 (anggaran) dijangka hidup selama **61.3 tahun lagi**.
- f. Seorang **lelaki** yang mencapai umur **60 tahun** pada tahun ...
 - i. 2020 dijangka hidup selama **18.2 tahun lagi**.
 - ii. 2021 (permulaan) dijangka hidup selama **18.0 tahun lagi**.
 - iii. 2022 (anggaran) dijangka hidup selama **17.5 tahun lagi**.
- g. Seorang **perempuan** yang mencapai umur **60 tahun** pada tahun ...
 - i. 2020 dijangka hidup selama **20.9 tahun lagi**.
 - ii. 2021 (permulaan) dijangka hidup selama **20.8 tahun lagi**.
 - iii. 2022 (anggaran) dijangka hidup selama **20.1 tahun lagi**.
- h. Etnik Cina mencatatkan **jangkaan hayat ketika lahir tertinggi** bagi tahun 2020 hingga 2022.
- i. **Selangor** mencatatkan **jangkaan hayat ketika lahir tertinggi** bagi tahun 2020 hingga 2022. **Terengganu** mencatatkan **jangkaan hayat ketika lahir terendah** pada tahun 2020 dan 2021 manakala **Kedah** mencatatkan **jangkaan hayat ketika lahir terendah** pada 2022.

3. JANGKAAN HAYAT KETIKA LAHIR

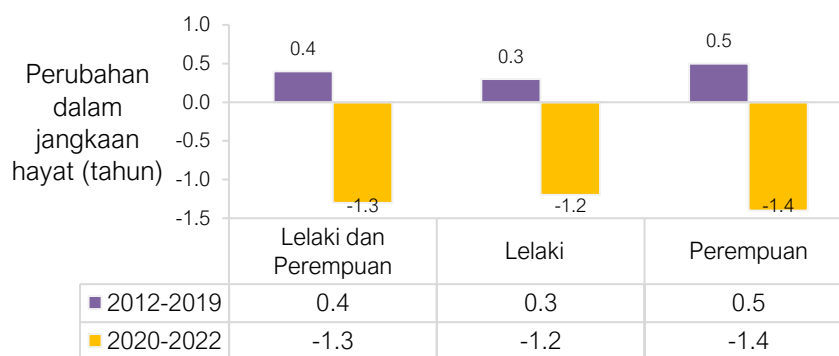
Jangkaan Hayat Ketika Lahir Menurun bagi Tempoh 2020-2022

Seorang bayi yang lahir pada 2020, 2021 dan 2022 secara purata masing-masing dijangka hidup sehingga **74.7 tahun**, **74.5 tahun** dan **73.4 tahun**.

Bagi tempoh 2012 hingga 2019 (7 tahun), jangkaan hayat ketika lahir meningkat 0.4 tahun dengan lelaki mencatatkan peningkatan 0.3 tahun dan perempuan, 0.5 tahun. Walau bagaimanapun, bagi tahun 2020 hingga 2022 (3 tahun), jangkaan hayat ketika lahir menurun 1.3 tahun dengan jangkaan hayat ketika lahir bagi lelaki menurun 1.2 tahun manakala perempuan menurun 1.4 tahun.

Penurunan jangkaan hayat bagi tahun 2020 hingga 2022 adalah disumbangkan oleh peningkatan lebihan kematian semasa pandemik COVID-19 pada 2021. Kesan yang sama juga akan dapat dilihat bagi analisis jangkaan hayat mengikut umur tertentu.

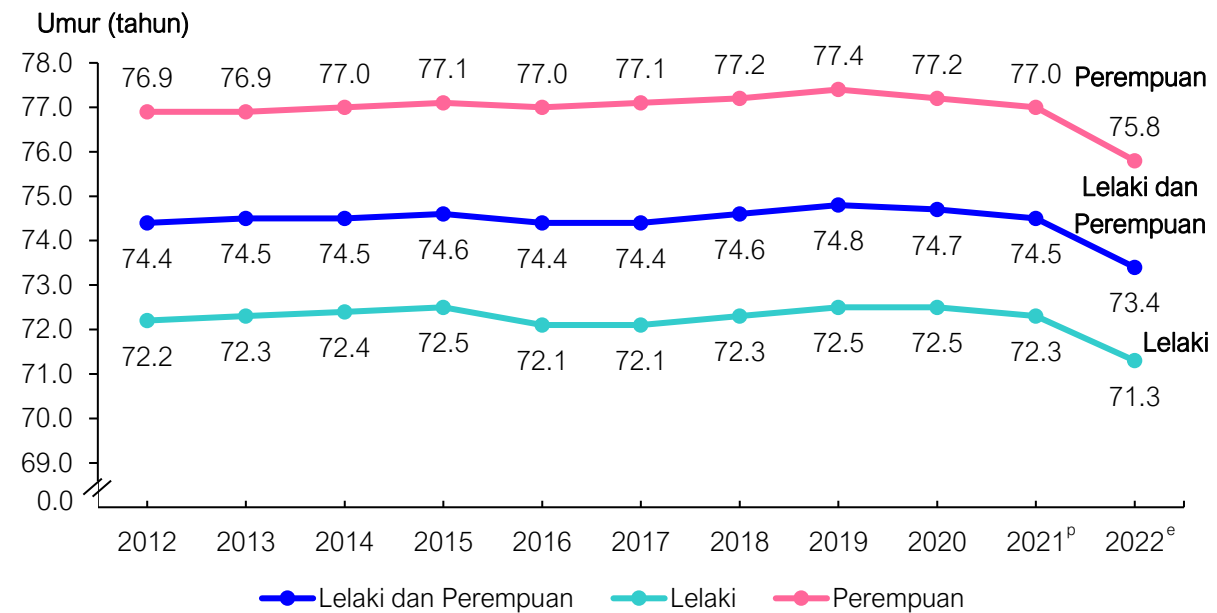
Carta 1: Perubahan jangkaan hayat ketika lahir, Malaysia, 2012-2019 dan 2020-2022



Seorang bayi perempuan yang lahir pada 2020 dan 2021 masing-masing dijangka boleh hidup sehingga 77.2 tahun dan 77.0 tahun, manakala bayi lelaki masing-masing dijangka boleh hidup sehingga 72.5 tahun dan 72.3 tahun bagi tempoh yang sama.

Secara purata, seorang bayi perempuan yang lahir pada 2022, dijangka boleh hidup sehingga 75.8 tahun manakala bayi lelaki dijangka boleh hidup sehingga 71.3 tahun. [Carta 2]

Carta 2: Jangkaan hayat ketika lahir, Malaysia, 2012-2022



4. JANGKAAN HAYAT PADA UMUR 15 TAHUN

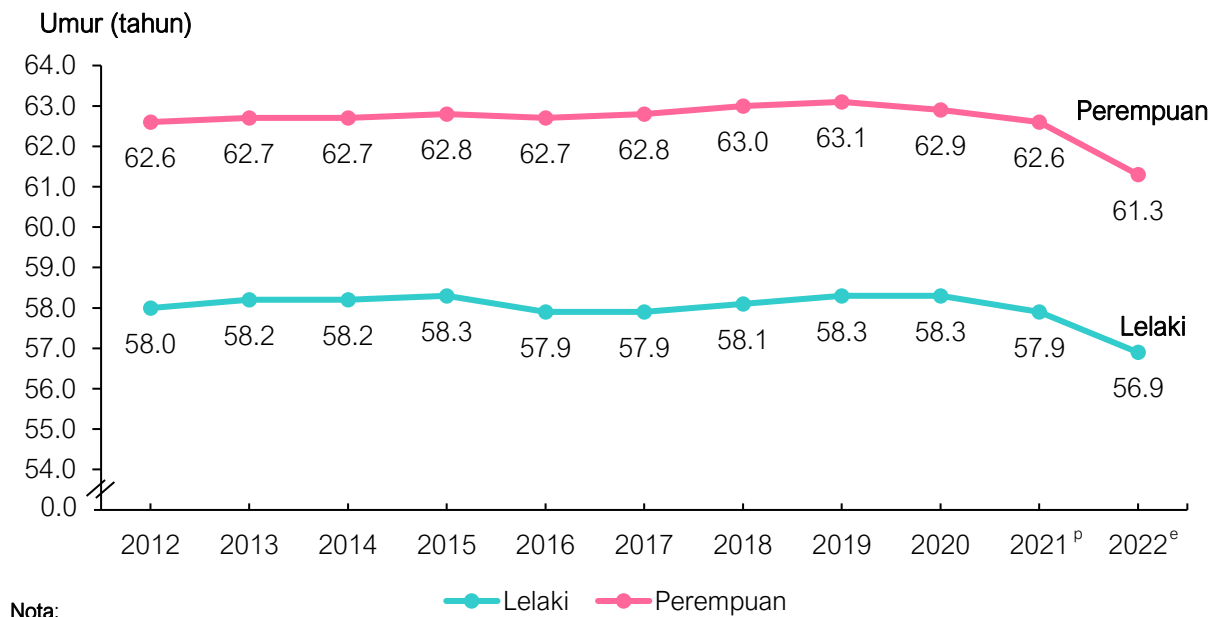
Perempuan pada Umur 15 Tahun Dijangka Hidup 4 Tahun Lebih Lama bagi Tempoh 2020 hingga 2022

Seorang **lelaki** yang mencapai umur **15 tahun** pada **2020**, **2021** dan **2022** masing-masing dijangka hidup selama **58.3 tahun**, **57.9 tahun** dan **56.9 tahun lagi**. Ini bermakna, lelaki yang berumur 15 tahun pada 2020 dijangka hidup sehingga umur 73.3 tahun; lelaki yang berumur 15 tahun pada 2021 dijangka hidup sehingga umur 72.9 tahun dan lelaki yang berumur 15 tahun pada 2022 dijangka hidup sehingga 71.9 tahun.

Seorang **perempuan** yang mencapai umur **15 tahun** pada **2020**, **2021** dan **2022** masing-masing dijangka hidup selama **62.9 tahun**, **62.6 tahun** dan **61.3 tahun lagi**. Ini bermakna, perempuan yang berumur 15 tahun pada 2020 dijangka hidup sehingga umur 77.9 tahun; perempuan yang berumur 15 tahun pada 2021 dijangka hidup sehingga umur 77.6 tahun dan perempuan yang berumur 15 tahun pada 2022 dijangka hidup sehingga umur 76.3 tahun.

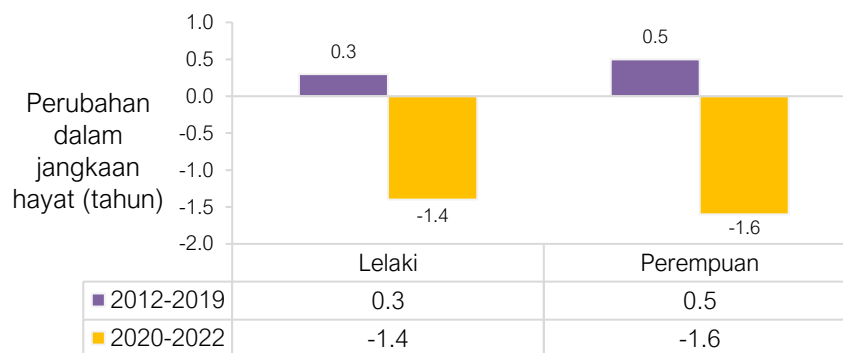
Perempuan dijangka hidup lebih lama daripada lelaki dengan perbezaan antara jangkaan hayat adalah 4.6 tahun (2020), 4.7 tahun (2021) dan 4.4 tahun (2022). [Carta 3]

Carta 3: Jangkaan hayat pada umur 15 tahun mengikut jantina, Malaysia, 2012-2022



Bagi tempoh 2012 hingga 2019 (7 tahun), jangkaan hayat pada umur 15 tahun bagi lelaki meningkat 0.3 tahun dan perempuan, 0.5 tahun. Walau bagaimanapun, bagi tahun 2020 hingga 2022 (3 tahun), jangkaan hayat pada umur 15 tahun bagi lelaki dan perempuan mencatatkan penurunan masing-masing 1.4 tahun dan 1.6 tahun.

Carta 4: Perubahan jangkaan hayat pada umur 15 tahun mengikut jantina, Malaysia, 2012-2019 dan 2020-2022



5. JANGKAAN HAYAT PADA UMUR 60 TAHUN

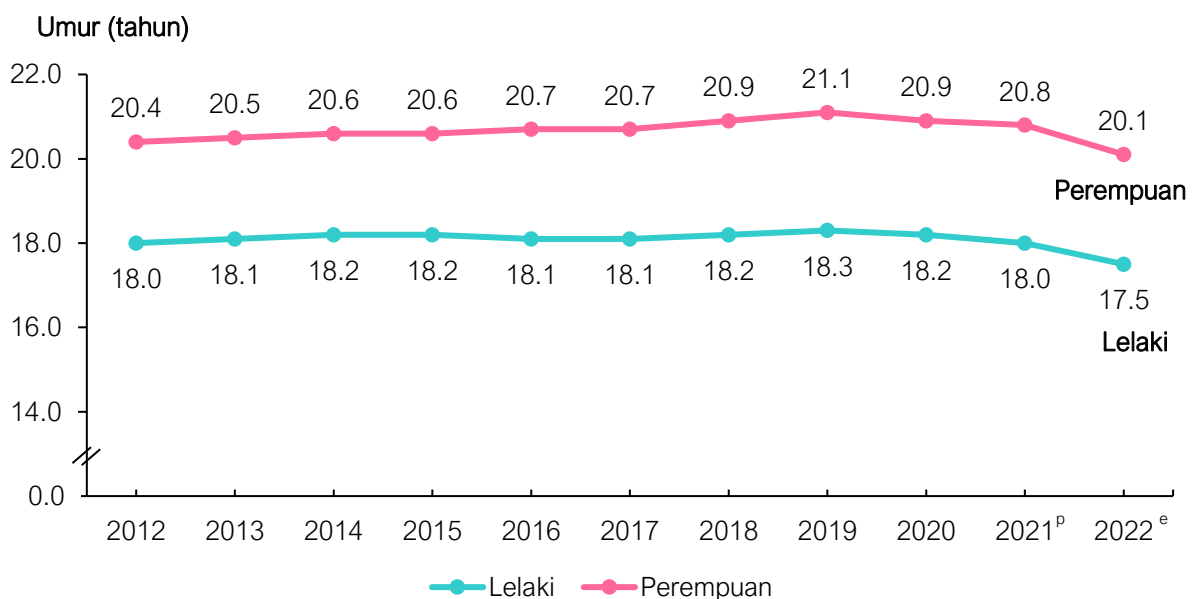
Perempuan pada Umur 60 Tahun Dijangka Hidup Lebih 80 Tahun bagi Tempoh 2020 hingga 2022

Lelaki dan perempuan yang berumur 60 tahun pada 2020 masing-masing dijangka hidup selama 18.2 tahun dan 20.9 tahun lagi. Ini bermakna, lelaki yang berumur 60 tahun pada 2020 dijangka hidup sehingga umur 78.2 tahun dan perempuan sehingga umur 80.9 tahun.

Lelaki yang berumur 60 tahun pada 2021 dijangka hidup selama 18.0 tahun dan perempuan selama 20.8 tahun lagi. Ini bermakna, lelaki yang berumur 60 tahun pada 2021 dijangka hidup sehingga umur 78.0 tahun dan perempuan sehingga umur 80.8 tahun.

Lelaki dan perempuan yang berumur 60 tahun pada 2022 masing-masing dijangka hidup selama 17.5 tahun dan 20.1 tahun lagi. Ini bermakna, lelaki yang berumur 60 tahun pada 2022 dijangka hidup sehingga 77.5 tahun dan perempuan, 80.1 tahun.

Carta 5: Jangkaan hayat pada umur 60 tahun mengikut jantina, Malaysia, 2012-2022



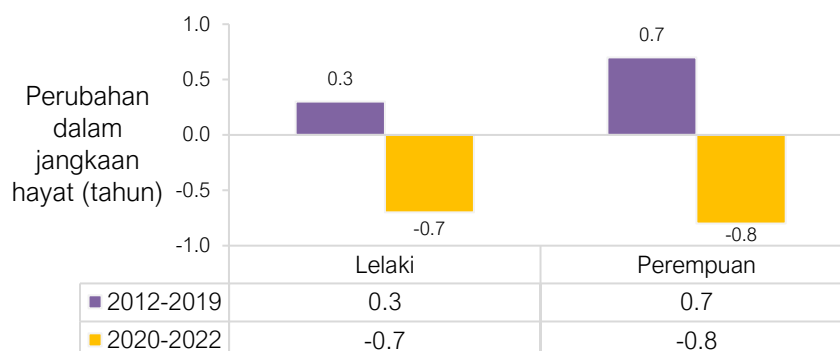
Nota:

^p Permulaan

^e Anggaran

Bagi tempoh 2012 hingga 2019 (7 tahun), jangkaan hayat pada umur 60 tahun bagi lelaki meningkat 0.3 tahun dan perempuan, 0.7 tahun. Sebaliknya, bagi tahun 2020 hingga 2022 (3 tahun), jangkaan hayat pada umur 60 tahun bagi lelaki dan perempuan mencatatkan penurunan masing-masing 0.7 tahun dan 0.8 tahun. [**Carta 6**]

Carta 6: Perubahan jangkaan hayat pada umur 60 tahun, Malaysia, 2012-2019 dan 2020-2022



Penurunan jangkaan hayat bagi tiga tahun (2020-2022) adalah kerana berlakunya lebih kematian semasa pandemik COVID-19 pada 2021. Berdasarkan statistik kematian COVID-19 pada 2021 oleh Kementerian Kesihatan Malaysia (KKM), kumpulan umur 60 hingga 64 tahun mencatatkan bilangan kematian tertinggi iaitu 3,709 kematian berbanding hanya 86 kematian pada 2020.

Jadual 1: Kematian COVID-19 mengikut kumpulan umur, Malaysia, 2020-2021

Kumpulan umur	2020	2021
0	0	22
1-4	3	22
5-9	1	21
10-14	1	23
15-19	1	55
20-24	4	195
25-29	10	496
30-34	7	883
35-39	16	1,393
40-44	13	1,919
45-49	27	2,365
50-54	46	2,740
55-59	52	3,222
60-64	86	3,709
65-69	71	3,606
70-74	57	3,409
75-79	52	2,565
80-84	35	2,259
85 tahun dan ke atas	34	2,159
Jumlah	516	31,063

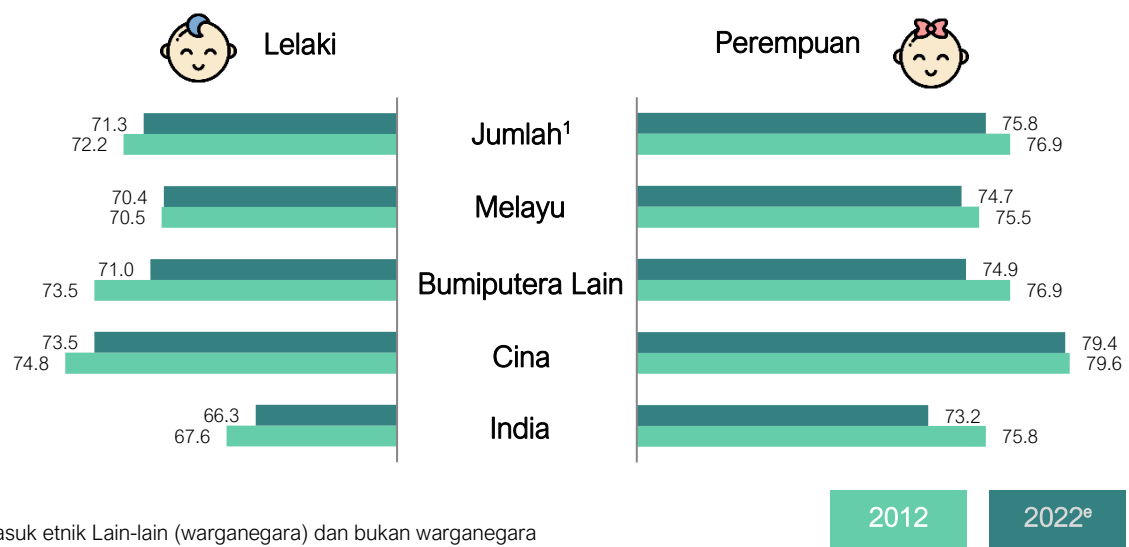
Sumber: Kementerian Kesihatan Malaysia

6. JANGKAAN HAYAT KETIKA LAHIR MENGIKUT KUMPULAN ETNIK

Etnik Cina Terus Mencatatkan Jangkaan Hayat Tertinggi

Jangkaan hayat ketika lahir tertinggi dicatatkan etnik Cina dengan 73.5 tahun (lelaki) dan 79.4 tahun (perempuan) pada 2022. Sebaliknya, jangkaan hayat ketika lahir terendah bagi lelaki dan perempuan dicatatkan etnik India masing-masing dengan 66.3 tahun dan 73.2 tahun bagi tahun yang sama.

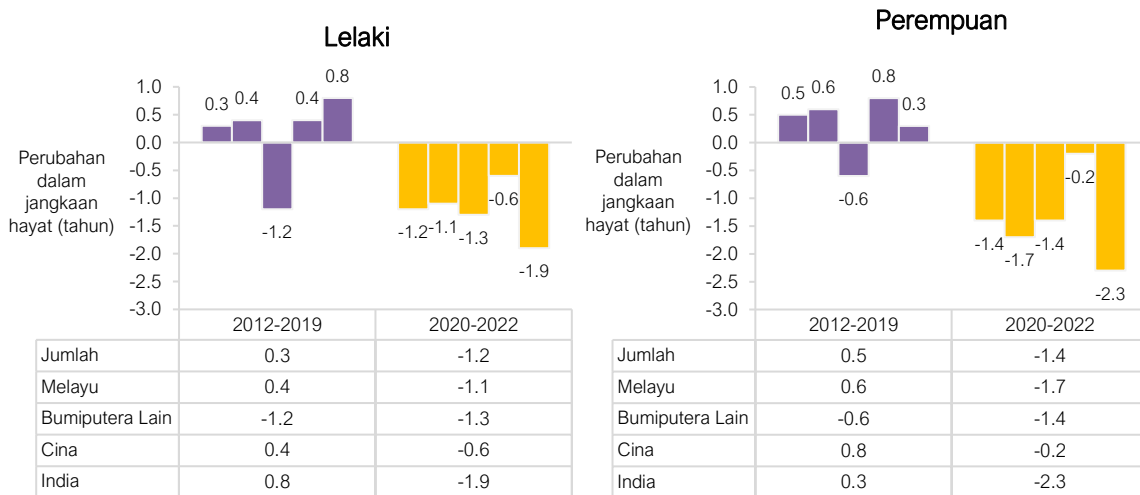
Paparan 1: Jangkaan hayat ketika lahir mengikut kumpulan etnik dan jantina, Malaysia, 2012 dan 2022



Bagi tempoh 2012 hingga 2019 (7 tahun), kesemua kumpulan etnik mencatatkan peningkatan dalam jangkaan hayat kecuali etnik Bumiputera Lain.

Bagi tahun 2020 hingga 2022 (3 tahun), penurunan jangkaan hayat ketika lahir tertinggi dicatatkan oleh etnik India dengan 1.9 tahun (lelaki) dan 2.3 tahun (perempuan). Manakala, penurunan jangkaan hayat ketika lahir terendah iaitu kurang daripada satu tahun dicatatkan oleh etnik Cina dengan 0.6 tahun (lelaki) dan 0.2 tahun (perempuan).
 [Carta 7]

Carta 7: Perubahan jangkaan hayat ketika lahir mengikut kumpulan etnik dan jantina, Malaysia, 2012-2019 dan 2020-2022



Nota:

Jumlah adalah termasuk etnik Lain-lain (warganegara) dan bukan warganegara

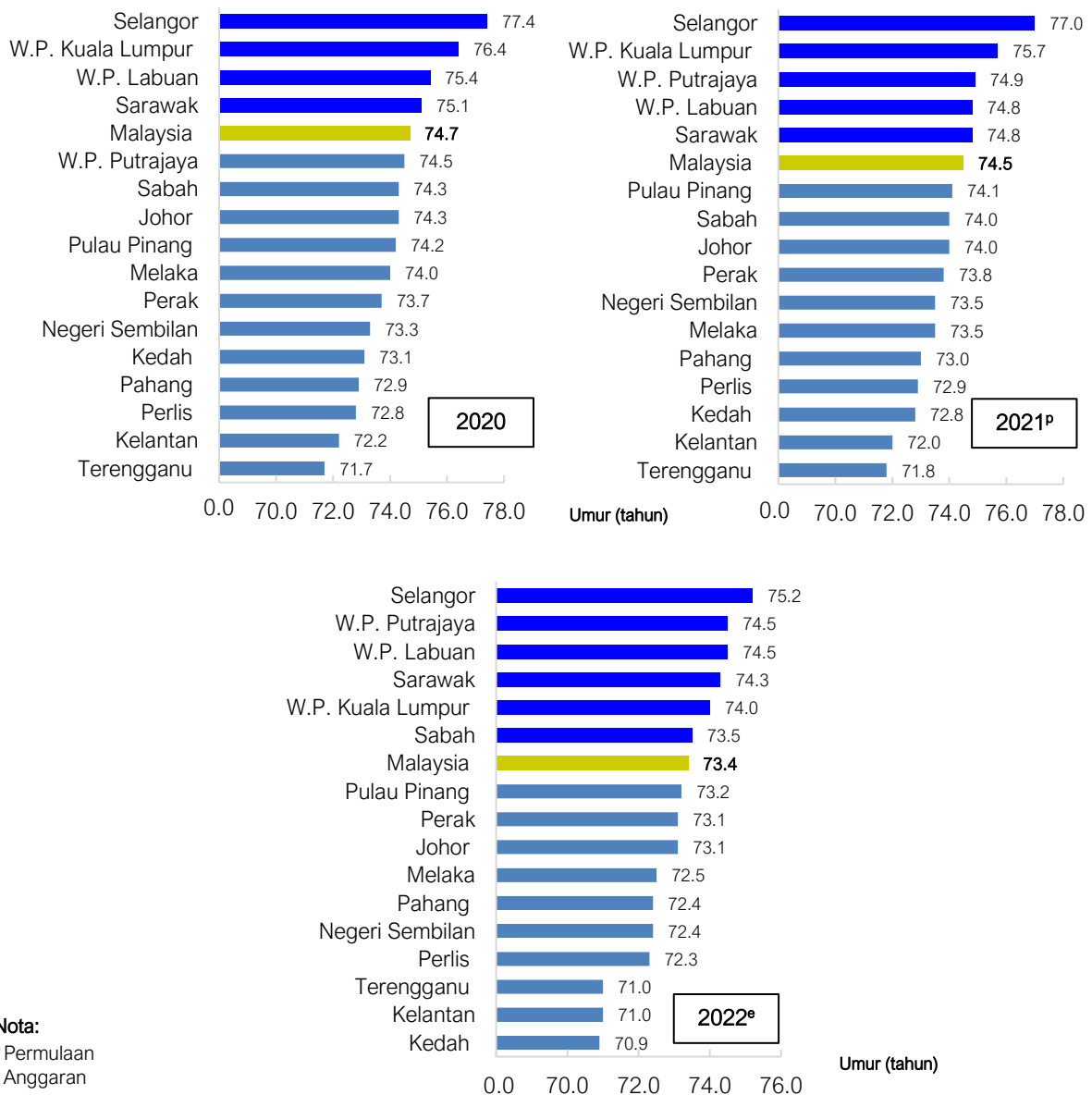
7. JANGKAAN HAYAT KETIKA LAHIR MENGIKUT NEGERI

Selangor Mencatatkan Jangkaan Hayat Ketika Lahir Tertinggi

Jangkaan hayat ketika lahir tertinggi bagi lelaki dan perempuan mengikut negeri bagi tempoh 2020 hingga 2022 dicatatkan di Selangor. Terengganu mencatatkan jangkaan hayat ketika lahir terendah pada 2020 dan 2021 manakala Kedah mencatatkan jangkaan hayat ketika lahir terendah pada 2022.

Terdapat **empat** negeri yang mempunyai jangkaan hayat melebihi jangkaan hayat paras nasional iaitu 74.7 tahun pada **2020**. Manakala, pada **2021**, **lima** negeri mencatatkan jangkaan hayat melebihi paras nasional (74.5 tahun) dan pada **2022**, **enam** negeri mencatatkan jangkaan hayat melebihi paras nasional (73.4 tahun). [Carta 8]

Carta 8: Jangkaan hayat ketika lahir mengikut negeri, Malaysia, 2020-2022



8. PENAKAT

Penakat ialah bilangan orang yang masih hidup pada permulaan umur tertentu.

Bagi setiap 100,000 bayi lelaki yang dilahirkan, seramai 99,301 bayi (99.3%) berpeluang untuk hidup sehingga umur satu tahun pada 2020, 99,387 bayi (99.4%) pada 2021 dan 99,407 bayi (99.4%) pada 2022.

Bagi setiap 100,000 bayi perempuan yang dilahirkan, seramai 99,397 bayi (99.3%) berpeluang untuk hidup sehingga umur satu tahun pada 2020, 99,454 bayi (99.5%) pada 2021 dan 99,470 (99.5%) pada 2022. [Jadual 2]

Jadual 2: Penakat mengikut kumpulan etnik dan jantina bagi umur satu tahun, Malaysia, 2020-2022

Kumpulan etnik/ Jantina	Umur 1 tahun					
	2020		2021 ^p		2022 ^e	
	Bilangan	%	Bilangan	%	Bilangan	%
Jumlah¹						
Lelaki	99,301	99.3	99,387	99.4	99,407	99.4
Perempuan	99,397	99.3	99,454	99.5	99,470	99.5
Melayu						
Lelaki	99,214	99.2	99,364	99.4	99,382	99.4
Perempuan	99,322	99.3	99,430	99.4	99,451	99.5
Bumiputera Lain						
Lelaki	99,112	99.1	99,208	99.2	99,245	99.2
Perempuan	99,221	99.2	99,281	99.3	99,292	99.3
Cina						
Lelaki	99,676	99.7	99,585	99.6	99,624	99.6
Perempuan	99,708	99.7	99,646	99.6	99,637	99.6
India						
Lelaki	99,455	99.5	99,433	99.4	99,425	99.4
Perempuan	99,565	99.6	99,581	99.6	99,599	99.6

Nota:

¹ Termasuk etnik Lain-lain (warganegara) dan bukan warganegara

^p Permulaan

^e Anggaran

Perkadaran bayi dikira dengan membahagikan bilangan orang yang masih hidup pada permulaan umur tertentu I_x dengan radiks 100,000 kelahiran pada umur tepat 0

9. JANGKAAN HAYAT KETIKA LAHIR DAN KELUARAN DALAM NEGERI KASAR (KDNK) PER KAPITA MENGIKUT NEGERI

Ngangue & Manfred (2015) telah mengkaji mengenai kesan jangkaan hayat terhadap pertumbuhan Pendapatan Negara Kasar (PNK) per kapita bagi 141 buah negara membangun sepanjang 2000-2013 menunjukkan bahawa peningkatan jangka hayat memberi kesan positif kepada pertumbuhan ekonomi.

Pada 2021, lima (5) negeri mencatatkan jangkaan hayat ketika lahir tertinggi melebihi paras nasional (74.5 tahun) iaitu Selangor (77.0 tahun), W.P. Kuala Lumpur (75.7 tahun), W.P. Putrajaya (74.9 tahun) dan Sarawak serta W.P. Labuan masing-masing 74.8 tahun.

KDNK per kapita pada 2021 menunjukkan lima negeri mencatatkan KDNK per kapita melebihi paras nasional (RM47,439) iaitu W.P. Kuala Lumpur (RM111,292), W.P. Labuan (RM81,345), Sarawak (RM65,971), Pulau Pinang (RM59,685) dan Selangor (RM51,930). [Jadual 3]

Jadual 3: Jangkaan hayat ketika lahir dan KDNK per kapita mengikut negeri, Malaysia, 2021^P

Negeri (susunan mengikut jangkaan hayat tertinggi)	Jangkaan hayat ketika lahir 2021 ^P (tahun)	Negeri (susunan mengikut KDNK per kapita tertinggi)	KDNK per kapita 2021 ^P pada harga semasa (RM)
Selangor	77.0	W.P. Kuala Lumpur ¹	111,292
W.P. Kuala Lumpur	75.7	W.P. Labuan	81,345
W.P. Putrajaya	74.9	Sarawak	65,971
W.P. Labuan	74.8	Pulau Pinang	59,685
Sarawak	74.8	Selangor	51,930
Malaysia	74.5	Malaysia	47,439
Pulau Pinang	74.1	Melaka	44,610
Sabah	74.0	Negeri Sembilan	44,495
Johor	74.0	Pahang	41,313
Perak	73.8	Johor	36,474
Melaka	73.5	Perak	34,338
Negeri Sembilan	73.5	Terengganu	30,901
Pahang	73.0	Sabah	29,960
Perlis	72.9	Kedah	23,575
Kedah	72.8	Perlis	21,508
Kelantan	72.0	Kelantan	15,584
Terengganu	71.8		

Nota:

^P Permulaan

¹ Termasuk W.P. Putrajaya

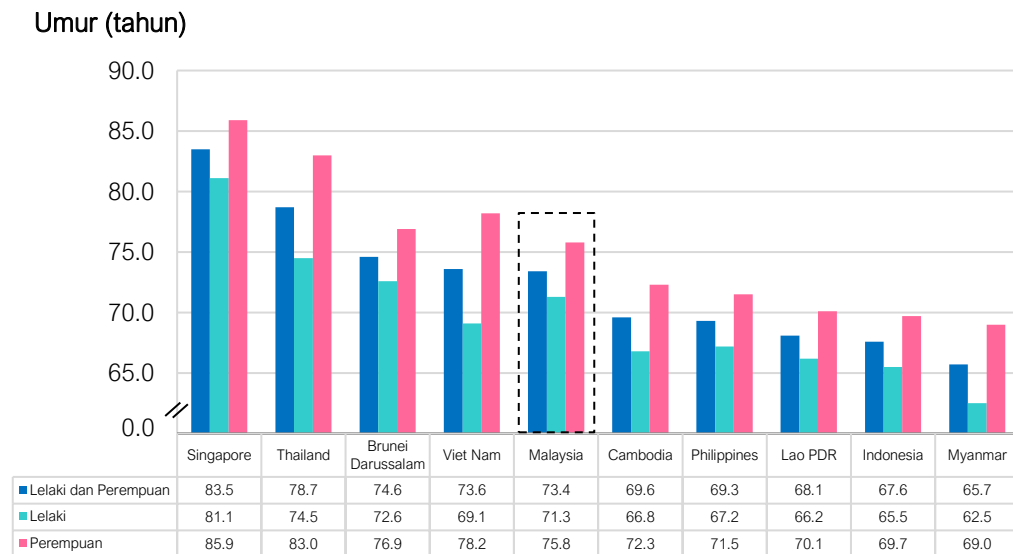
Sumber: KDNK Mengikut Negeri, 2021, Jabatan Perangkaan Malaysia

10. JANGKAAN HAYAT KETIKA LAHIR DAN PENUAAN PENDUDUK BAGI NEGARA ASEAN

Singapore merekodkan jangkaan hayat ketika lahir tertinggi bagi lelaki (81.1 tahun) dan perempuan (85.9 tahun) pada 2021 berbanding negara ASEAN yang lain. [Carta 9]

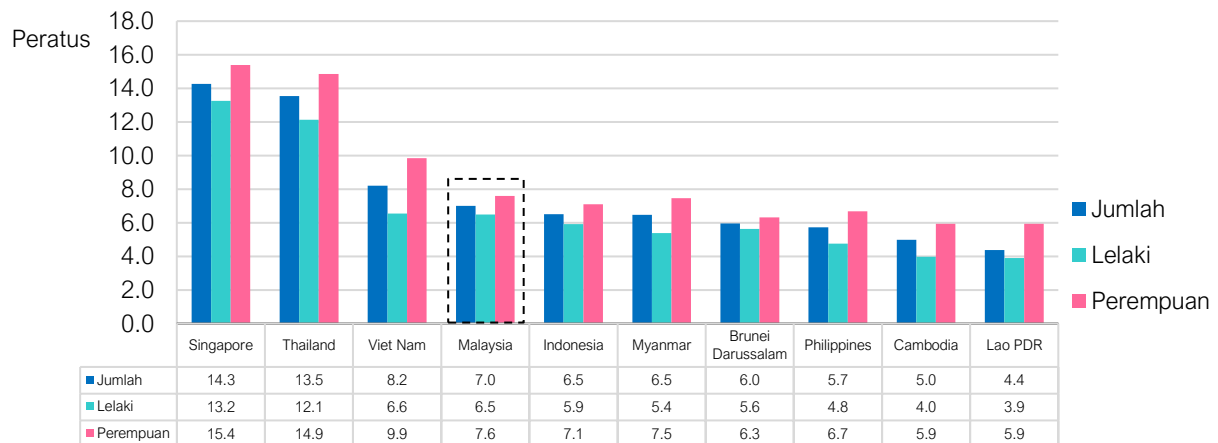
Antara negara ASEAN yang telah mencapai ageing society adalah Singapore (14.3%), Thailand (13.5%) dan Viet Nam (8.2%) yang mana peratusan penduduk berumur 65 tahun dan ke atas di negara ini telah mencapai lebih tujuh peratus (7%) daripada jumlah keseluruhan penduduk. [Carta 10]

Carta 9: Jangkaan hayat ketika lahir mengikut jantina, ASEAN, 2021

**Nota:**

Statistik jangkaan hayat ketika lahir bagi negara ASEAN (2021) diperoleh melalui *World Population Prospects* (WPP), dikemas kini Julai 2022 kecuali Malaysia dan Singapore (keluaran terkini)

Carta 10: Penduduk berumur 65 tahun dan ke atas, ASEAN, 2021

**Nota:**

Statistik penduduk berumur 65 tahun dan ke atas bagi negara ASEAN (2021) diperoleh melalui *World Development Indicator* (WDI), dikemas kini Julai 2022 kecuali Malaysia (keluaran terkini)

11. JANGKAAN HAYAT KETIKA LAHIR DAN PENDAPATAN NEGARA KASAR (PNK) PER KAPITA BAGI NEGARA TERPILIH

Human Development Index (HDI) merupakan indeks yang mengukur pencapaian purata dalam komposit utama pembangunan manusia: kehidupan yang sihat dan umur yang panjang, berpengetahuan dan mempunyai taraf hidup yang baik. *Human Development Report* telah dikeluarkan oleh *United Nations Development Programme* (UNDP) dan telah diterbitkan sejak 1990 hingga 2020.

Objektif utama HDI adalah untuk menyediakan indikator yang mudah untuk menilai kemajuan manusia dalam suatu negara berdasarkan kebebasan bagi menjalani kehidupan yang mereka inginkan. HDI menggunakan formula yang ringkas tetapi komprehensif bagi menilai purata jangka hayat, pendidikan dan pendapatan penduduk.

Berdasarkan Laporan HDI, 2020, 10 negara yang disenaraikan sebagai *Very High Human Development Index* iaitu Hong Kong, China (SAR) mencatatkan jangkaan hayat ketika lahir tertinggi iaitu 84.9 tahun manakala PNK per kapita tertinggi dicatatkan oleh Switzerland, \$69,394.

Jadual 4: Jangkaan hayat ketika lahir dan PNK per kapita bagi negara terpilih, 2020

Bil.	Negara (susunan mengikut jangkaan hayat ketika lahir tertinggi)	Jangkaan hayat ketika lahir (tahun) 2019	Negara (susunan mengikut PNK per kapita tertinggi)	PNK per kapita (2017 PPP \$) 2019	Kedudukan HDI
1.	Hong Kong, China (SAR)	84.9	Switzerland	69,394	4
2.	Switzerland	83.8	Ireland	68,371	2
3.	Australia	83.4	Norway	66,494	8
4.	Iceland	83.0	Hong Kong, China (SAR)	62,985	4
5.	Sweden	82.8	Denmark	58,662	7
6.	Norway	82.4	Netherlands	57,707	1
7.	Ireland	82.3	Germany	55,314	2
8.	Netherlands	82.3	Iceland	54,682	8
9.	Germany	81.3	Sweden	54,508	6
10.	Denmark	80.9	Australia	48,085	10

Sumber: *Human Development Index Report, 2020*

ARTIKEL

KESAN PANDEMIK COVID-19 TERHADAP JANGKAAN HAYAT

(Rosmiyawati Anwar, Mohamad Shukor Mat Lazim, Nur Azmina Mohd Zuhkhori, Amirul Hafiz Azelan)

PENGENALAN

Jangkaan hayat merupakan salah satu penunjuk status kesihatan penduduk di sesebuah negara. Jangkaan hayat ketika lahir juga dapat menggambarkan corak kematian yang berlaku di semua kumpulan umur sama ada kanak-kanak, orang dewasa dan orang tua. Walaupun indikator ini tidak menggambarkan realiti perjalanan hayat sebenar seseorang pada kohort umur tertentu serta tidak boleh ditafsirkan sebagai unjuran atau ramalan jangka hayat mana-mana individu, ianya dapat menjelaskan tentang corak kematian semasa di sesebuah negara. Namun begitu, jangkaan hayat turut dipengaruhi oleh beberapa faktor luar jangka seperti peperangan, bencana alam dan wabak.

Pandemik COVID-19 yang melanda dunia bagi tempoh 2020 menyebabkan penurunan jangkaan hayat seseorang di sesebuah negara. Ia merupakan jumlah terbesar semenjak Perang Dunia Kedua berlaku¹. Penurunan jangkaan hayat di kebanyakan negara adalah berbeza-beza dan ianya mempunyai kaitan dengan peningkatan jumlah kematian akibat COVID-19. Sejak tahun 1950, kemerosotan tahunan dalam jangkaan hayat hanya berlaku pada peristiwa yang jarang berlaku, seperti di Cambodia pada 1970-an, Rwanda pada 1990-an, dan beberapa negara Afrika sub-Sahara berikutan kemuncak wabak AIDS (Heuveline, 2022).

Pada akhir bulan Disember 2019, dunia digemparkan dengan kemunculan Koronavirus atau COVID-19. Virus yang berasal daripada wilayah Wuhan, China ini mudah berjangkit daripada seseorang yang bergejala (seperti demam, batuk dan sesak nafas) kepada seseorang yang lain melalui batuk atau bersin. Virus ini bukan sahaja mudah berjangkit, malah orang yang dijangkiti juga terdedah kepada risiko kematian memandangkan vaksin untuk merawatnya masih belum ditemui pada ketika itu.

Pertubuhan Kesihatan Dunia (WHO) mengisytiharkan virus ini sebagai pandemik pada 11 Mac 2020 (WHO, 2020²). Sehingga 28 Jun 2020, terdapat 216 buah negara, kawasan atau wilayah yang terlibat dengan penularan virus ini dengan angka mencecah 9,843,073 kes COVID-19 yang disahkan, termasuk 495,760 kematian yang dilaporkan (WHO, 2020³).

¹ <https://www.ox.ac.uk/news/>

² WHO timeline COVID-19

³ WHO Coronavirus Disease (COVID-19) Dashboard

Malaysia tidak terkecuali dalam penularan virus ini. Kes COVID-19 pertama di Malaysia dikesan pada 25 Januari 2020 (Kementerian Kesihatan Malaysia (KKM), 2020). Sehingga 28 Jun 2020, jumlah kes COVID-19 di negara ini telah meningkat sehingga 8,634, termasuk 121 kematian seperti yang dilaporkan oleh KKM (2020). Sehubungan itu, bagi membendung penularan kes COVID-19 di Malaysia, kerajaan telah menguatkuasakan Perintah Kawalan Pergerakan (PKP). Fasa PKP dan tempoh pelaksanaan PKP adalah seperti di **Jadual 1**.

Jadual 1: Fasa dan tempoh Perintah Kawalan Pergerakan

Fasa PKP	Tempoh
PKP 1.0	18 Mac-3 Mei 2020
PKP 2.0	13 Januari-18 Februari 2020 19 Februari-4 Mac 2021
PKP 3.0	1-14 Jun 2021

Sumber: Majlis Keselamatan Negara Malaysia (MKN)

Jangkaan hayat di peringkat dunia juga mencatatkan penurunan 0.92 tahun bagi tempoh 2019 dan 2020, manakala 0.72 tahun bagi tempoh 2020 dan 2021. Dapatan dari artikel juga menunjukkan bahawa terdapat perubahan tahunan dalam jangkaan hayat negara Asia antaranya Philippines (Asia Tenggara) mencatatkan penurunan 3.0 tahun, India (Asia Selatan) 2.6 tahun, Asia Tengah iaitu Kazakhstan 3.2 tahun dan Lebanon (Asia Barat) 3.4 tahun. Selain itu, beberapa negara di benua Afrika seperti Tunisia, penurunan 3.4 tahun, South Africa (3.1 tahun) dan Egypt (2.3 tahun). (Heuveline, 2022)

Di samping itu juga, bilangan "lebih kematian" iaitu perbezaan antara jumlah kematian sebenar dan jumlah kematian yang dijangka berlaku semasa ketiadaan pandemik (berdasarkan trend pra-pandemik) akan memberikan gambaran tentang kesan kematian akibat wabak pandemik COVID-19 (Helleringer dan Lanza Queiroz, 2021).

Selain itu, beberapa kajian terkini turut mengkaji kesan COVID-19 terhadap jangkaan hayat ketika lahir. Antaranya, Trias-Llimós dan Bilal yang mengkaji kesan krisis COVID-19 terhadap jangkaan hayat di bandar Madrid, yang merupakan bandar yang paling terjejas oleh penyakit tersebut di Sepanyol. Hasil daripada kajian tersebut berdasarkan data kematian bagi tempoh 9 Mac hingga 10 Mei 2020, menunjukkan bahawa terdapat pengurangan jangkaan hayat disebabkan COVID-19 iaitu 1.9 tahun untuk lelaki dan 1.6 tahun untuk perempuan (Trias-Llimós, S., Riffe, T., & Bilal, U. (2020)). Selain itu, Razeghi Nasrabad HB dan Sasanipour yang mengkaji kesan COVID-19 di Iran juga menunjukkan terdapat pengurangan jangkaan hayat ketika lahir 1.4 tahun pada 2020 (Razeghi Nasrabad, H. B., & Sasanipour, M. (2022)).

Kesan pandemik ini juga telah memberi impak yang besar kepada sistem kesihatan di kebanyakan negara, yang mana ianya berpotensi membawa kepada peningkatan

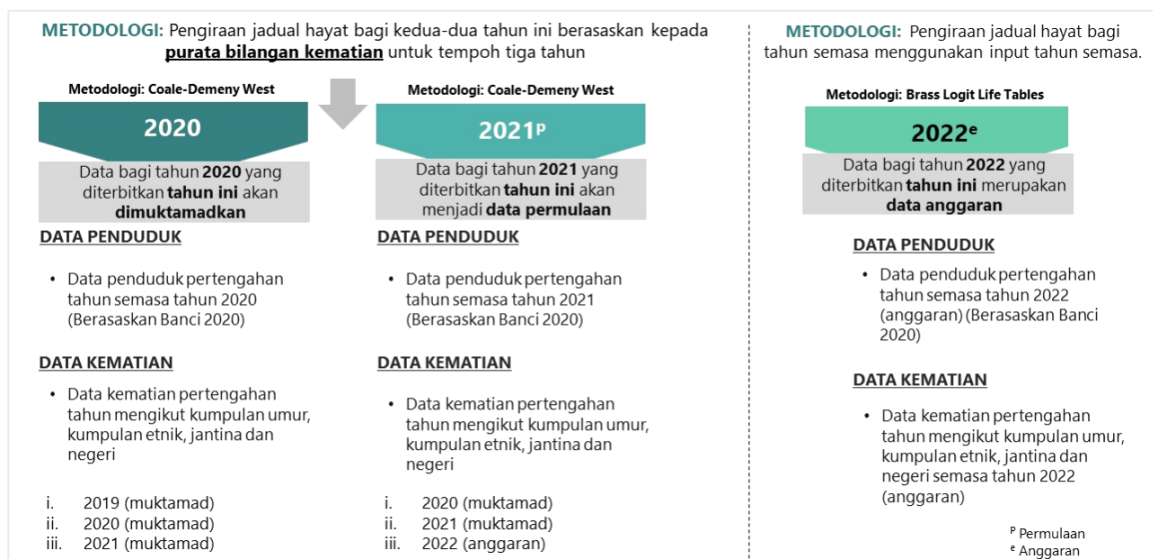
morbiditi dan mortaliti yang disebabkan kesan langsung akibat jangkitan COVID-19. Peningkatan bilangan kematian (lebih kematian) ini, secara langsung dan tidak langsung akan menyebabkan penurunan dalam jangkaan hayat di sesebuah negara. Penurunan dalam jangkaan hayat boleh menyebabkan penurunan dalam profil kesihatan yang didorong oleh trend sosioekonomi yang buruk, pengurangan peruntukan atau kualiti penjagaan kesihatan atau faktor tingkah laku yang merosot (Ho dan Hendi, 2018).

Sehubungan itu, artikel ini akan membincangkan penemuan diskriptif berdasarkan perbandingan jangkaan hayat yang mengambil kira semua sebab kematian dan jangkaan hayat tanpa mengambil kira sebab kematian COVID-19 di Malaysia bagi tempoh 2020 hingga 2022.

METODOLOGI

Jadual hayat ringkas bagi tahun 2020 dan 2021 dijana menggunakan model *Coale-Demeny (West)* yang berasaskan kepada purata bilangan kematian pertengahan tahun untuk tempoh tiga tahun dan anggaran penduduk pertengahan tahun bagi tahun berkenaan berasaskan Banci Penduduk dan Perumahan Malaysia (Banci 2020). Jadual hayat ringkas bagi tahun 2022 pula dijana menggunakan model *Brass Logit* iaitu input kematian yang digunakan adalah merujuk kepada bilangan kematian pertengahan tahun dan penduduk adalah menggunakan anggaran penduduk pertengahan tahun bagi tahun 2022. Ringkasan metodologi pengiraan jadual hayat ringkas bagi tahun 2020 hingga 2022 adalah seperti di **Paparan 1**.

Paparan 1: Metodologi pengiraan jadual hayat ringkas, Malaysia, 2020-2022



Penjanaan jadual hayat ringkas adalah mengambil kira semua sebab kematian yang berlaku pada tempoh jadual hayat ringkas diterbitkan. Walau bagaimanapun, bagi menilai kesan COVID-19 terhadap jangkaan hayat di Malaysia sama ada terdapat peningkatan bilangan tahun atau sebaliknya, pengiraan jadual hayat ringkas dengan **tidak** mengambil

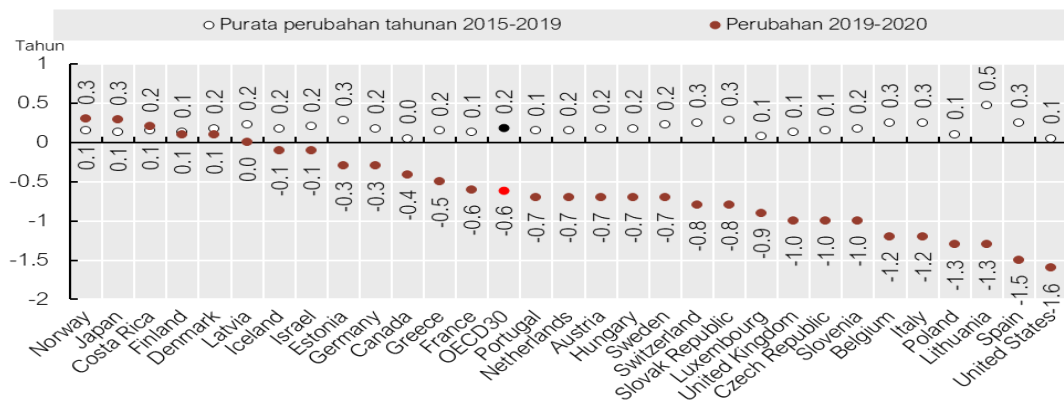
kira kematian disebabkan COVID-19 peringkat Malaysia bagi tempoh 2020 hingga 2022 telah dikira.

DAPATAN KAJIAN

Senario semasa jangkaan hayat negara lain

Pada 2020, terdapat penurunan jangkaan hayat bagi tempoh 2019 hingga 2020 di 24 buah negara daripada 30 buah negara OECD berbanding tempoh 2015 hingga 2019 (*Health at a Glance 2021: OECD Indicators, 2021*). Dalam kalangan 30 buah negara, enam negara yang tidak menunjukkan penurunan dalam jangkaan hayat akibat pandemik ini adalah Norway, Japan, Costa Rica, Finland, Denmark dan Latvia.

Paparan 2: Pengurangan jangkaan hayat ketika lahir ketika pandemik



Sumber: *Health at a Glance Report, 2021*

WHO menganggarkan jumlah kematian di peringkat dunia disebabkan COVID-19 adalah berjumlah sekurang-kurangnya tiga juta kematian. Peningkatan jumlah kematian (lebih kematian) pada tahun 2020 di 24 buah negara ini telah memberi implikasi kepada jangkaan hayat di negara tersebut. (*Health at a Glance 2021: OECD Indicators, 2021*)

Kajian lain juga menunjukkan bahawa epidemik coronavirus ini telah menyebabkan penurunan jangkaan hayat turut berlaku di beberapa negara lain antaranya Singapore (0.2 tahun pada 2021 berbanding 2019), Brazil (1.3 tahun pada 2020) dan Iran (1.4 tahun pada 2020). Situasi penurunan jangkaan hayat juga berlaku di Malaysia bermula pada 2020 hingga 2022.

Kematian COVID-19 di Malaysia bagi tempoh 2020 hingga 2022

Berdasarkan statistik kematian COVID-19 oleh KKM sehingga Ogos 2022 terdapat peningkatan kematian disebabkan COVID-19 bagi tempoh Januari hingga Disember 2021 berbanding pada 2020. Bilangan kematian disebabkan COVID-19 yang dicatatkan pada tahun 2021 meningkat kepada 31,063 kematian berbanding 516 kematian pada 2020. Walau bagaimanapun, sehingga Ogos 2022 bilangan kematian disebabkan COVID-19 mulai menunjukkan penurunan kepada 4,646 kematian.

Jadual 2: Kematian COVID-19 mengikut negeri, Malaysia, 2020-2022

Negeri	2020	2021	2022 (sehingga Ogos 2022)	2020-2022
Johor	37	3,830	737	4,604
Kedah	12	2,138	517	2,667
Kelantan	9	1,241	171	1,421
Melaka	7	951	219	1,177
Negeri Sembilan	13	1,308	184	1,505
Pahang	7	767	228	1,002
Perak	16	1,384	611	2,011
Perlis	2	135	55	192
Pulau Pinang	10	1,749	268	2,027
Sabah	274	2,514	358	3,146
Sarawak	21	1,596	140	1,757
Selangor	67	9,915	841	10,823
Terengganu	1	716	160	877
W.P. Kuala Lumpur	28	2,655	146	2,829
W.P. Labuan	9	143	5	157
W.P. Putrajaya	3	21	6	30
Jumlah	516	31,063	4,646	36,225

Sumber: Kementerian Kesihatan Malaysia

Namun begitu, bagi tujuan analisis dalam artikel ini, bilangan kematian tahunan disebabkan COVID-19 telah disusun semula mengikut pertengahan tahun seperti Jadual 3 supaya selari dengan metodologi pengiraan jadual hayat ringkas yang dikeluarkan.

Bilangan kematian COVID-19 pertengahan tahun mencatatkan peningkatan kepada 30,045 kematian pada 2022 berbanding 121 kematian pada 2020 dan 5,616 kematian pada 2021. Bilangan kematian disebabkan COVID-19 mengikut jantina menunjukkan kematian lelaki melebihi perempuan. Bilangan kematian bagi lelaki disebabkan COVID-19 pada 2020 adalah 88 kematian (72.7%), 3,353 kematian (59.7%) pada 2021 dan 17,124 kematian (57.0%) pada 2022. Manakala bilangan kematian perempuan disebabkan COVID-19 adalah 33 kematian pada 2020 (27.3%), 2,263 kematian (40.3%) pada 2021 dan 12,921 kematian (43%) pada 2022. [Jadual 3]

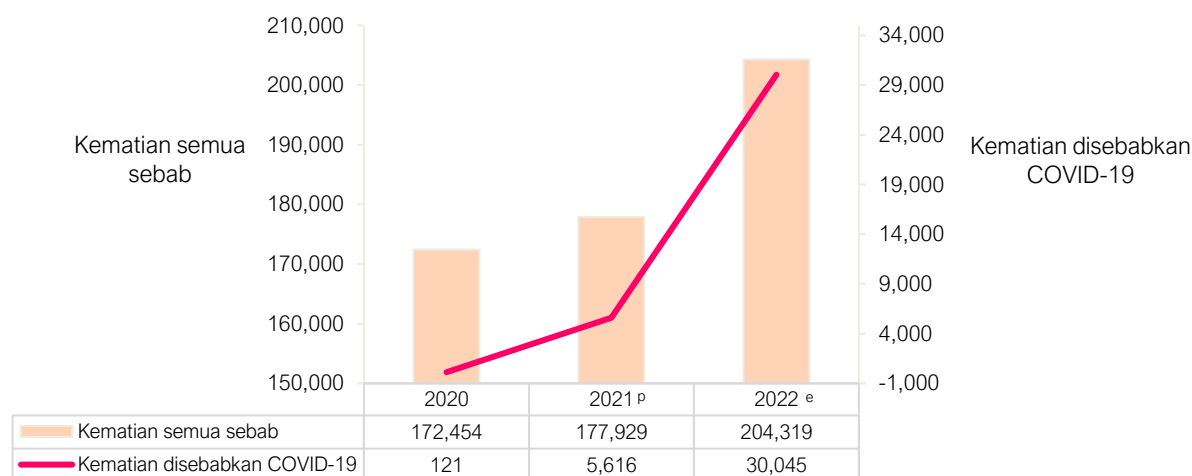
Jadual 3: Kematian disebabkan COVID-19 (pertengahan tahun) mengikut negeri dan jantina, Malaysia, 2020-2022

Negeri	2020 (Julai - Dis. 2019 sehingga Jan. - Jun 2020)			2021 (Julai - Dis. 2020 sehingga Jan. - Jun 2021)			2022 (Julai - Dis. 2021 sehingga Jan. - Jun 2022)		
	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan
Johor	20	17	3	581	350	231	3,937	2,165	1,772
Kedah	1	1	0	252	139	113	2,381	1,263	1,118
Kelantan	3	2	1	253	115	138	1,163	599	564
Melaka	5	4	1	155	93	62	978	544	434
Negeri Sembilan	8	5	3	424	241	183	1,052	586	466
Pahang	7	6	1	113	80	33	862	505	357
Perak	6	4	2	128	83	45	1,810	1,033	777
Perlis	2	2	0	6	2	4	182	103	79
Pulau Pinang	1	1	0	121	78	43	1,882	1,091	791
Sabah	7	4	3	548	340	208	2,573	1,540	1,033
Sarawak	17	10	7	405	248	157	1,316	750	566
Selangor	24	15	9	1,839	1,102	737	8,856	5,226	3,630
Terengganu	1	1	0	76	45	31	790	415	375
W.P. Kuala Lumpur	18	15	3	576	352	224	2,218	1,276	942
W.P. Labuan	0	0	0	127	75	52	30	19	11
W.P. Putrajaya	1	1	0	12	10	2	15	9	6
Malaysia	121	88	33	5,616	3,353	2,263	30,045	17,124	12,921

Sumber: Kementerian Kesihatan Malaysia

Bilangan kematian pertengahan tahun bagi semua sebab pada 2020 adalah 172,454 kematian dan 121 kematian iaitu 0.07 peratus adalah kematian disebabkan COVID-19. Sejumlah 5,616 kematian pada 2021 atau 3.2 peratus daripada keseluruhan kematian semua sebab adalah kematian disebabkan COVID-19. Manakala pada 2022, 14.7 peratus daripada keseluruhan kematian semua sebab adalah kematian disebabkan COVID-19.

Carta 1: Kematian (kematian semua sebab) dan kematian disebabkan COVID-19, Malaysia, 2020-2022



Nota:

^p Permulaan

^e Anggaran

Sumber:

Jabatan Perangkaan Malaysia

Kementerian Kesihatan Malaysia

Kadar prevalens COVID-19 pada 2020 adalah 1.40 peratus dan mencatatkan penurunan kepada 0.76 peratus (2021) dan meningkat 0.03 mata peratus pada 2022. Pada kadar prevalens COVID-19 10 peratus, pengurangan jangkaan hayat ketika lahir dianggarkan lebih daripada satu tahun bagi North America dan Europe dan Latin America dan the Caribbean. Simulasi ini telah dilakukan bagi empat wilayah iaitu North America dan Europe; Latin America dan the Caribbean; Asia Tenggara dan Afrika sub-Sahara (Marois et al., 2020).

Jadual 4: Kadar prevalens COVID-19, Malaysia, 2020-2022

Negeri	Peratus (%)		
	2020	2021	2022
Johor	2.89	0.83	1.25
Kedah	1.03	1.00	0.86
Kelantan	1.91	0.73	0.54
Melaka	1.95	0.85	0.91
Negeri Sembilan	0.78	0.97	0.65
Pahang	1.92	0.85	0.54
Perak	2.33	0.49	1.00
Perlis	11.11	1.04	1.07
Pulau Pinang	0.83	0.35	0.75
Sabah	1.88	0.79	0.84
Sarawak	2.98	0.63	0.54
Selangor	1.17	0.75	0.78
Terengganu	0.90	0.69	0.68
W.P. Kuala Lumpur	0.74	0.76	0.75
W.P. Labuan	0.00	1.56	0.23
W.P. Putrajaya	1.03	0.54	0.08
Malaysia	1.40	0.76	0.79

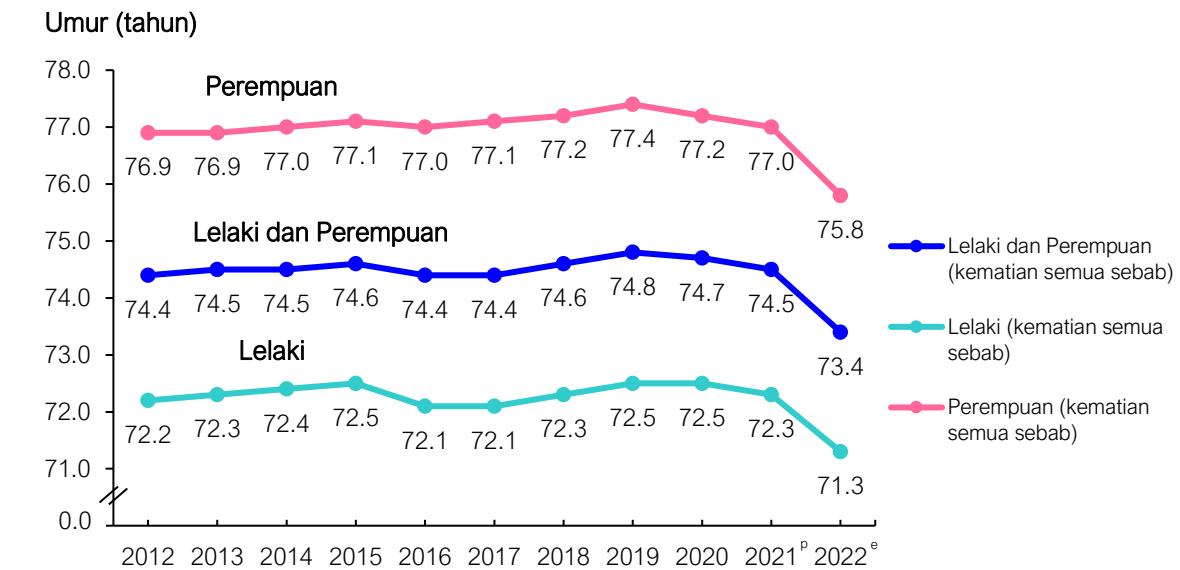
Sumber: Jabatan Perangkaan Malaysia

Perbandingan jangkaan hayat antara kematian semua sebab dan tanpa mengambil kira sebab kematian COVID-19 bagi tempoh 2020-2022

Hasil dapatan jangkaan hayat dengan **kematian semua sebab** menunjukkan seorang bayi yang lahir pada 2020 secara purata dijangka hidup sehingga 74.7 tahun, 74.5 tahun pada 2021 dan 73.4 tahun pada 2022.

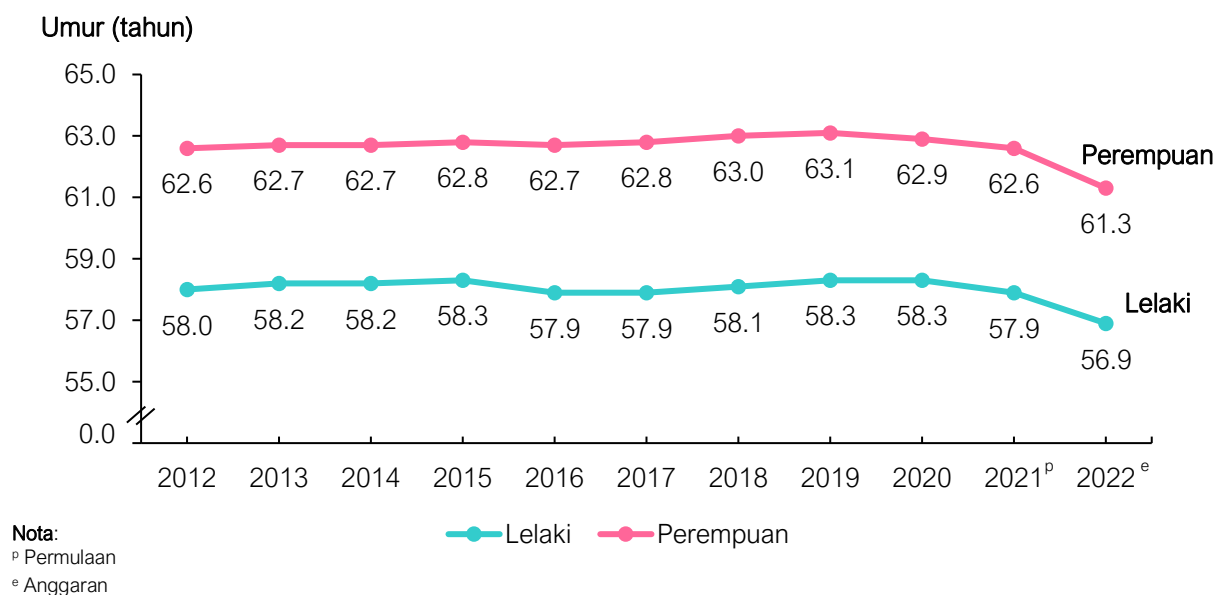
Seorang bayi perempuan yang lahir pada 2020 dan 2021 secara purata, masing-masing dijangka boleh hidup sehingga 77.2 tahun dan 77.0 tahun, manakala bayi lelaki masing-masing dijangka boleh hidup sehingga 72.5 tahun dan 72.3 tahun bagi tempoh yang sama. Secara purata, seorang bayi perempuan yang lahir pada 2022, dijangka boleh hidup sehingga 75.8 tahun manakala bayi lelaki dijangka boleh hidup sehingga 71.3 tahun. [Carta 2]

Carta 2: Jangkaan hayat ketika lahir mengikut jantina (kematian semua sebab), Malaysia, 2012-2022



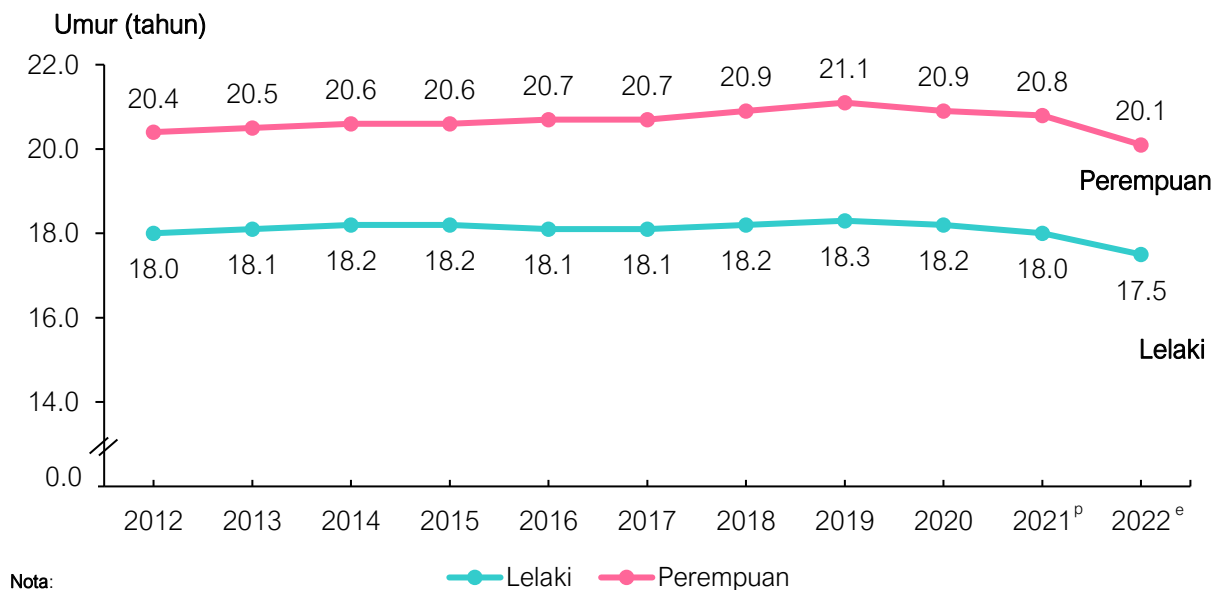
Hasil dapatan jangkaan hayat pada umur 15 tahun dengan **kematian semua sebab** juga menunjukkan seorang lelaki yang mencapai umur 15 tahun pada 2020, 2021 dan 2022 masing-masing dijangka hidup selama 58.3 tahun, 57.9 tahun dan 56.9 tahun lagi. Seorang perempuan yang mencapai umur 15 tahun pada 2020, 2021 dan 2022 masing-masing dijangka hidup selama 62.9 tahun, 62.6 tahun dan 61.3 tahun lagi.

Carta 3: Jangkaan hayat pada umur 15 tahun mengikut jantina (kematian semua sebab), Malaysia, 2012-2022



Hasil dapatan jangkaan hayat dengan **kematian semua sebab** bagi seorang lelaki yang berumur 60 tahun pada 2020, 2021 dan 2022 menunjukkan masing-masing dijangka hidup selama 18.2 tahun, 18.0 tahun dan 17.5 tahun lagi. Seorang perempuan yang berumur 60 tahun pada 2020, 2021 dan 2022 masing-masing dijangka hidup selama 20.9 tahun, 20.8 tahun dan 20.1 tahun lagi.

Carta 4: Jangkaan hayat pada umur 60 tahun mengikut jantina (kematian semua sebab), Malaysia, 2012-2022



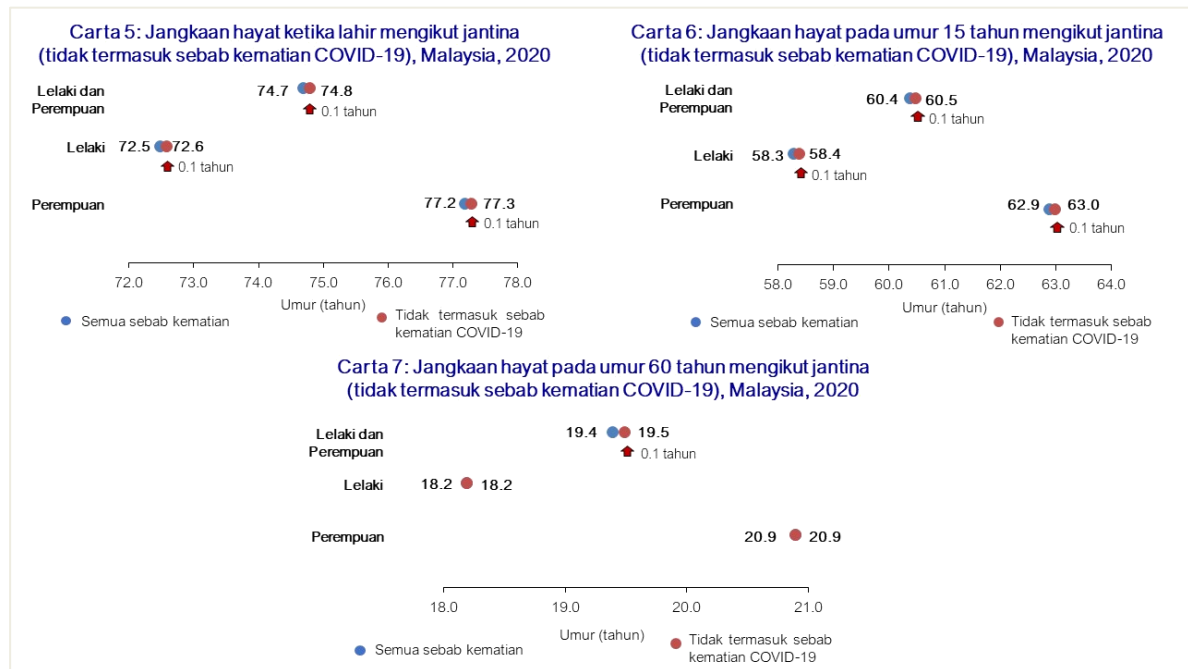
Bagi melihat sama ada penurunan ini disumbangkan oleh kematian disebabkan COVID-19, penjaan jadual hayat ringkas **tanpa mengambil kira sebab kematian COVID-19** telah disediakan. Input bagi tahun 2020, 2021 dan 2022 adalah tidak termasuk sebab kematian COVID-19.

Jangkaan hayat tanpa mengambil kira sebab kematian COVID-19

Pada 2020, seorang bayi yang lahir secara purata dijangka hidup 0.1 tahun lebih lama iaitu mencapai 74.8 tahun berbanding 74.7 tahun. Secara purata, seorang bayi lelaki yang lahir pada 2020 dijangka boleh hidup lebih lama sehingga 72.6 tahun manakala bayi perempuan dijangka boleh hidup sehingga 77.3 tahun, meningkat 0.1 tahun. [Carta 5]

Lelaki dan perempuan yang mencapai umur 15 tahun pada 2020 masing-masing dijangka hidup selama 58.4 tahun dan 63.0 tahun lagi. Dengan tidak mengambil kira sebab kematian COVID-19, jangkaan hayat bagi lelaki dan perempuan masing-masing meningkat 0.1 tahun. Ini bermakna, lelaki pada umur 15 tahun dijangka hidup sehingga 73.4 tahun dan perempuan sehingga umur 78.0 tahun. [Carta 6]

Lelaki dan perempuan yang berumur 60 tahun pada 2020 masing-masing dijangka hidup selama 18.2 tahun dan 20.9 tahun lagi. Jangkaan hayat pada umur 60 tahun tidak menunjukkan perubahan sama ada dengan mengambil kira sebab kematian COVID-19 atau sebaliknya. [Carta 7]



Sumber:

Jabatan Perangkaan Malaysia

Perincian jangkaan hayat mengikut umur tertentu dan jantina pada 2020 adalah seperti di bawah.

Jadual 5: Jangkaan hayat mengikut umur tertentu dan jantina, Malaysia, 2020

Umur	2020 (Kematian semua sebab)			2020 (Tidak termasuk sebab kematian COVID-19)		
	Lelaki dan Perempuan	Lelaki	Perempuan	Lelaki dan Perempuan	Lelaki	Perempuan
	Jangkaan hayat mengikut umur tertentu			Jangkaan hayat mengikut umur tertentu		
0	74.7	72.5	77.2	74.8	72.6	77.3
1	74.2	72.0	76.7	74.3	72.1	76.8
5	70.3	68.1	72.8	70.4	68.2	72.9
10	65.3	63.2	67.9	65.4	63.3	67.9
15	60.4	58.3	62.9	60.5	58.4	63.0
20	55.5	53.5	58.0	55.6	53.6	58.1
25	50.7	48.7	53.1	50.8	48.8	53.2
30	45.9	43.9	48.2	46.0	44.1	48.3
35	41.1	39.2	43.4	41.2	39.3	43.5
40	36.4	34.6	38.6	36.5	34.7	38.7
45	31.9	30.1	33.9	32.0	30.2	34.0
50	27.5	25.8	29.4	27.6	25.9	29.4
55	23.4	21.9	25.0	23.4	22.0	25.1
60	19.4	18.2	20.9	19.5	18.2	20.9
65	15.8	14.8	17.0	15.9	14.8	17.0
70	12.3	11.5	13.3	12.4	11.6	13.3
75	9.2	8.6	9.8	9.2	8.6	9.9
80+	6.5	6.1	7.0	6.5	6.1	7.0

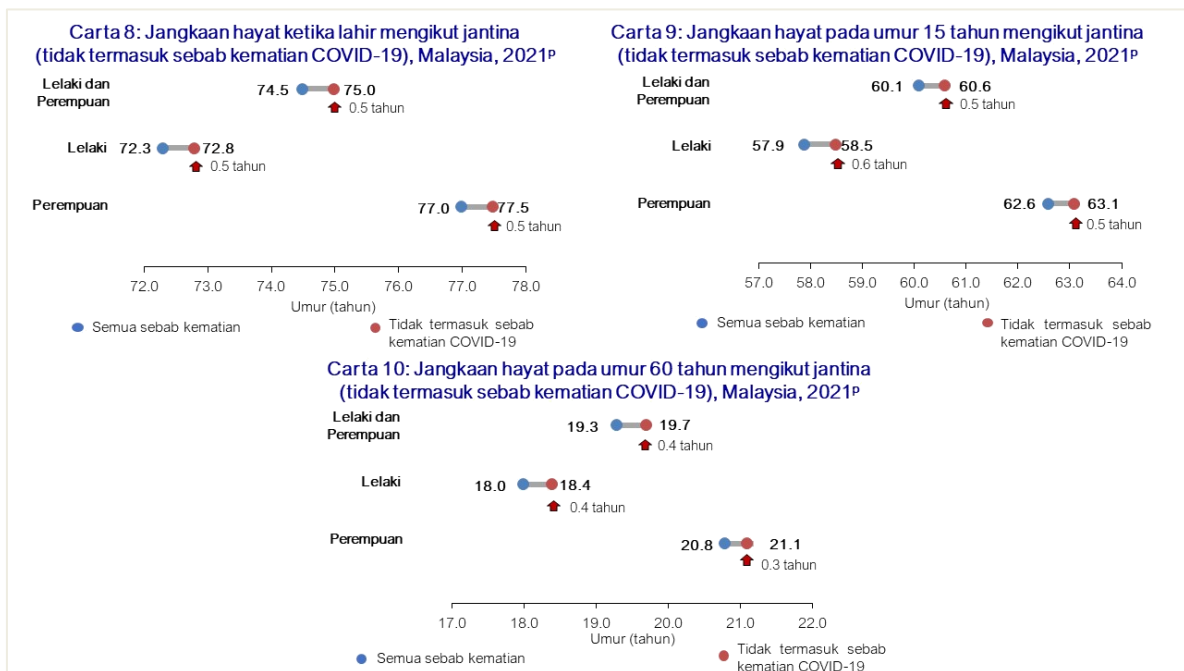
Sumber:

Jabatan Perangkaan Malaysia

Pada 2021, seorang bayi yang lahir secara purata dijangka hidup 0.5 tahun lebih lama iaitu mencapai 75.0 tahun berbanding 74.5 tahun. Seorang bayi lelaki yang lahir pada 2021 secara purata dijangka boleh hidup lebih lama sehingga 72.8 tahun manakala bayi perempuan dijangka boleh hidup sehingga 77.5 tahun, masing-masing meningkat 0.5 tahun. [Carta 8]

Lelaki dan perempuan yang mencapai umur 15 tahun pada 2021 masing-masing dijangka hidup selama 58.5 tahun dan 63.1 tahun. Dengan tidak mengambil kira sebab kematian COVID-19, jangkaan hayat bagi lelaki meningkat 0.6 tahun dan perempuan meningkat 0.5 tahun. Ini bermakna, lelaki pada umur 15 tahun dijangka hidup sehingga 73.5 tahun dan perempuan sehingga umur 78.1 tahun. [Carta 9]

Lelaki dan perempuan yang mencapai umur 60 tahun pada 2021 masing-masing dijangka hidup selama 18.4 tahun dan 21.1 tahun lagi. Dengan tidak mengambil kira sebab kematian COVID-19, jangkaan hayat bagi lelaki meningkat 0.4 tahun dan perempuan meningkat 0.3 tahun. [Carta 10]



Nota:

^p Permulaan

Sumber:

Jabatan Perangkaan Malaysia

Perincian jangkaan hayat mengikut umur tertentu dan jantina pada 2021 adalah seperti di bawah.

Jadual 6: Jadual hayat mengikut umur tertentu dan jantina, Malaysia, 2021^P

Umur	2021 ^P (Kematian semua sebab)			2021 ^P (Tidak termasuk sebab kematian COVID-19)		
	Lelaki dan Perempuan	Lelaki	Perempuan	Lelaki dan Perempuan	Lelaki	Perempuan
	Jangkaan hayat mengikut umur tertentu			Jangkaan hayat mengikut umur tertentu		
0	74.5	72.3	77.0	75.0	72.8	77.5
1	73.9	71.7	76.4	74.4	72.3	76.9
5	70.0	67.8	72.5	70.5	68.4	73.0
10	65.0	62.9	67.5	65.5	63.4	68.0
15	60.1	57.9	62.6	60.6	58.5	63.1
20	55.2	53.1	57.7	55.7	53.7	58.2
25	50.4	48.3	52.8	50.9	48.9	53.3
30	45.6	43.6	47.9	46.1	44.1	48.4
35	40.8	38.9	43.1	41.3	39.4	43.6
40	36.1	34.3	38.3	36.6	34.8	38.8
45	31.6	29.8	33.7	32.1	30.3	34.1
50	27.3	25.6	29.2	27.7	26.0	29.6
55	23.2	21.7	24.9	23.6	22.1	25.2
60	19.3	18.0	20.8	19.7	18.4	21.1
65	15.7	14.7	16.9	16.0	15.0	17.2
70	12.3	11.5	13.3	12.6	11.7	13.5
75	9.2	8.6	9.9	9.4	8.8	10.0
80+	6.5	6.0	7.0	6.6	6.2	7.1

Nota:

^P Permulaan

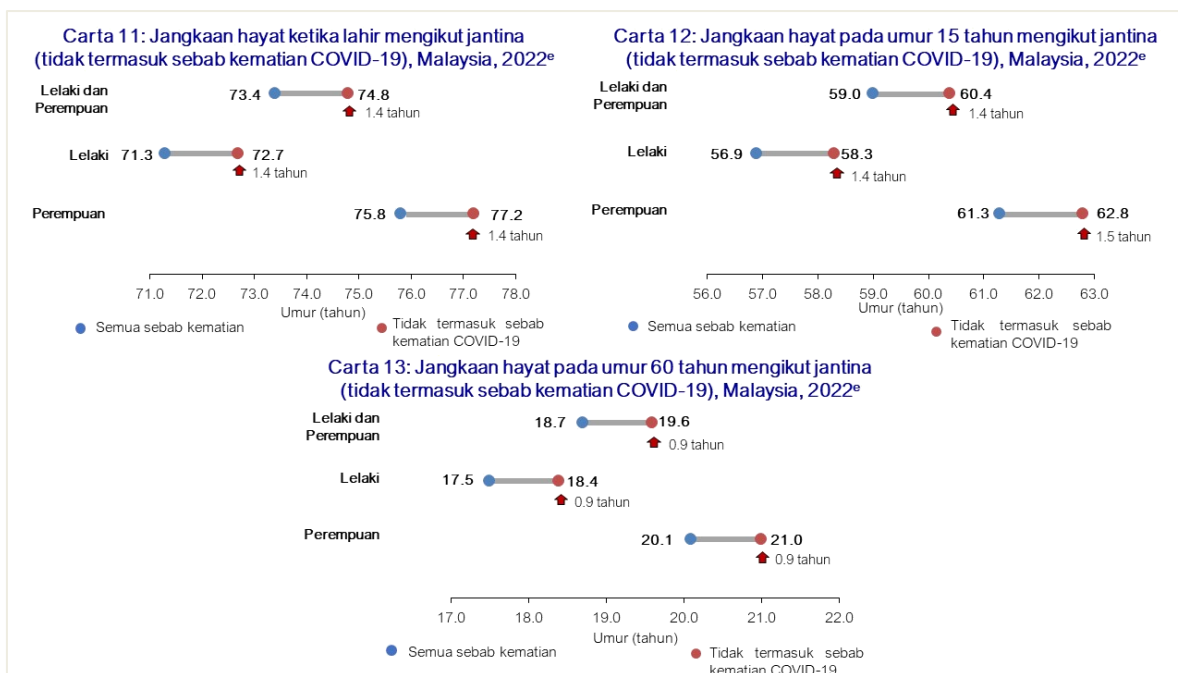
Sumber:

Jabatan Perangkaan Malaysia

Dengan andaian sekiranya tiada kematian COVID-19, seorang bayi yang baru lahir pada 2022 secara purata dijangka hidup 1.4 tahun lebih lama iaitu mencapai 74.8 tahun berbanding 73.4 tahun. Seorang bayi lelaki yang lahir pada 2022 secara purata dijangka boleh hidup lebih lama sehingga 72.7 tahun manakala bayi perempuan dijangka boleh hidup sehingga 77.2 tahun. [Carta 11]

Lelaki dan perempuan yang mencapai umur 15 tahun pada 2022 masing-masing dijangka hidup selama 58.3 tahun dan 62.8 tahun lagi. Dengan andaian sekiranya tiada kematian COVID-19, jangkaan hayat bagi lelaki meningkat 1.4 tahun dan perempuan, 1.5 tahun. [Carta 12]

Lelaki dan perempuan yang berumur 60 tahun pada 2022 masing-masing dijangka hidup selama 18.4 tahun dan 21.0 tahun lagi. Dengan tidak mengambil kira sebab kematian COVID-19, jangkaan hayat bagi lelaki dan perempuan masing-masing meningkat 0.9 tahun. [Carta 13]



Nota:

^e Anggaran

Sumber:

Jabatan Perangkaan Malaysia

Perincian jangkaan hayat mengikut umur tertentu dan jantina pada 2022 adalah seperti di bawah.

Jadual 7: Jadual hayat ringkas mengikut umur dan jantina, Malaysia, 2022^e

Umur	2022 ^e (Kematian semua sebab)			2022 ^e (Tidak termasuk sebab kematian COVID-19)		
	Lelaki dan Perempuan	Lelaki	Perempuan	Lelaki dan Perempuan	Lelaki	Perempuan
	Jangkaan hayat mengikut umur tertentu			Jangkaan hayat mengikut umur tertentu		
0	73.4	71.3	75.8	74.8	72.7	77.2
1	72.8	70.7	75.2	74.2	72.2	76.6
5	68.9	66.8	71.2	70.3	68.2	72.7
10	63.9	61.9	66.3	65.4	63.3	67.7
15	59.0	56.9	61.3	60.4	58.3	62.8
20	54.1	52.1	56.4	55.5	53.5	57.9
25	49.3	47.3	51.5	50.7	48.7	53.0
30	44.5	42.6	46.7	45.9	44.0	48.1
35	39.8	37.9	41.9	41.2	39.3	43.3
40	35.2	33.3	37.2	36.5	34.7	38.5
45	30.7	28.9	32.6	31.9	30.2	33.9
50	26.4	24.8	28.3	27.6	26.0	29.4
55	22.5	21.0	24.1	23.5	22.0	25.1
60	18.7	17.5	20.1	19.6	18.4	21.0
65	15.3	14.2	16.4	16.0	15.0	17.1
70	12.0	11.2	12.9	12.6	11.8	13.5
75	9.0	8.4	9.6	9.4	8.8	10.1
80+	6.3	5.9	6.8	6.6	6.2	7.1

Nota:

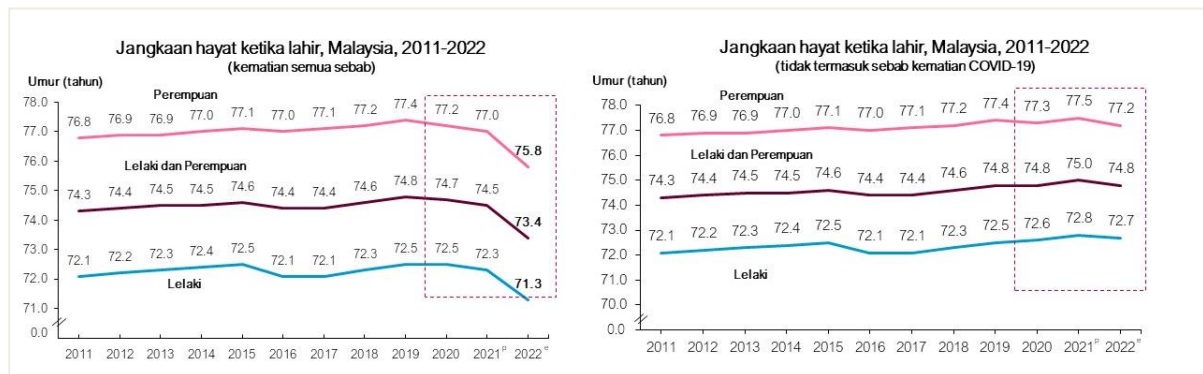
^e Anggaran

Sumber:

Jabatan Perangkaan Malaysia

Secara keseluruhannya, kajian menunjukkan bahawa perbandingan jangkaan hayat ketika lahir antara kematian semua sebab dan tanpa mengambil kira sebab kematian COVID-19, seseorang dijangka hidup lebih lama pada tempoh 2020 hingga 2022 sekiranya pengiraan jangkaan hayat tanpa mengambil kira sebab kematian COVID-19.

Carta 14: Jangkaan hayat ketika lahir antara kematian semua sebab dan tidak termasuk sebab kematian COVID-19, Malaysia, 2011-2022



Nota:

^p Permulaan

^e Anggaran

Sumber:

Jabatan Perangkaan Malaysia

RUMUSAN

Kajian ini memberikan penilaian awalan mengenai kesan pandemik COVID-19 terhadap jangkaan hayat dengan membandingkan senario kematian semua sebab dan tanpa mengambil kira sebab kematian COVID-19 di peringkat Malaysia. Dapatan menunjukkan sekiranya tiada kematian disebabkan COVID-19 berlaku bagi tempoh 2020 hingga 2022, seseorang dijangka hidup lebih lama. Dapatan ini adalah selari dengan kajian yang dilakukan oleh negara lain seperti di Iran, Brazil dan United States. Bagi kes di Malaysia, pengurangan jangkaan hayat turut dipengaruhi oleh faktor lebihan kematian (*excess deaths*) yang berlaku semasa pandemik COVID-19 pada tempoh yang sama. Oleh yang demikian, kajian yang khusus mengenai lebihan kematian boleh dilaksanakan bagi melihat trend lebihan kematian yang berlaku semasa pandemik dengan lebih lanjut.

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SUMMARY OF FINDINGS



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1. INTRODUCTION

The Abridged Life Tables, Malaysia, 2020-2022 presents life tables by age group, ethnic group and sex in Malaysia and state. The abridged life tables for Malaysia are presented by age group, major ethnic group and sex, whereas for state by age group and sex only. These life tables are generated based on the mid-year deaths and mid-year population estimates.

The abridged life tables for 2020 (final) and 2021 (preliminary) are estimated using the Coale-Demeny (West) model based on the average number of mid-year deaths for three years. For the current year, 2022 (estimate), the Brass Logit model was used.

*Abridged life table is a table that shows **the probability that a person at a certain age (5-year age interval) will die before reaching his or her next birthday**. The calculation of life table is prepared using inputs of age-specific mortality rates or probability of deaths (q_x) and the results used to measure mortality, survival ratio and life expectancy.*

*Life expectancy is the **average remaining age (years) for a person is expected to live** at the beginning of a certain age, assuming the mortality rate of a certain age is the same throughout his or her lifetime.*

2. MAIN FINDINGS ABRIDGED LIFE TABLES, 2020-2022

- a. A **baby** born in year ...
 - i. **2020** on average is expected to live until the age of **74.7 years**.
 - ii. **2021** (preliminary) on average is expected to live until the age of **74.5 years**.
 - iii. **2022** (estimates) on average is expected to live until the age of **73.4 years**.
- b. A **baby boy** born in year ...
 - i. **2020** on average is expected to live until the age of **72.5 years**.
 - ii. **2021** (preliminary) on average is expected to live until the age of **72.3 years**.
 - iii. **2022** (estimates) on average is expected to live until the age of **71.3 years**.
- c. A **baby girl** born in year ...
 - i. **2020** on average is expected to live until the age of **77.2 years**.
 - ii. **2021** (preliminary) on average is expected to live until the age of **77.0 years**.
 - iii. **2022** (estimates) on average is expected to live until the age of **75.8 years**.
- d. **Males** who reach the age of **15 years** in year ...
 - i. **2020** is expected to live another **58.3 years**.
 - ii. **2021** (preliminary) is expected to live another **57.9 years**.
 - iii. **2022** (estimates) is expected to live another **56.9 years**.
- e. **Females** who reach the age of **15 years** in year ...
 - i. **2020** is expected to live another **62.9 years**.
 - ii. **2021** (preliminary) is expected to live another **62.6 years**.
 - iii. **2022** (estimates) is expected to live another **61.3 years**.
- f. **Males** who reach the age of **60 years** in year ...
 - i. **2020** is expected to live another **18.2 years**.
 - ii. **2021** (preliminary) is expected to live another **18.0 years**.
 - iii. **2022** (estimates) is expected to live another **17.5 years**.
- g. **Females** who reach the age of **60 years** in year ...
 - i. **2020** is expected to live another **20.9 years**.
 - ii. **2021** (preliminary) is expected to live another **20.8 years**.
 - iii. **2022** (estimates) is expected to live another **20.1 years**.
- h. **Chinese** is still leading with the **highest life expectancy at birth** for 2020 to 2022.
- i. **Selangor** recorded the **highest** life expectancy at birth for 2020 to 2022. **Terengganu** recorded the **lowest** life expectancy at birth for 2020 and 2021 while **Kedah** recorded the **lowest** life expectancy at birth for 2022.

3. LIFE EXPECTANCY AT BIRTH

Life Expectancy at Birth Decreased for the Period of 2020-2022

Baby born in 2020, 2021 and 2022 on average is expected to live until **74.7 years**, **74.5 years** and **73.4 years** respectively.

For the period of 2012 to 2019 (7 years), life expectancy at birth increased by 0.4 years with males increased by 0.3 years and females, 0.5 years. However, from 2020 to 2022 (3 years), life expectancy at birth decreased by 1.3 years with males decreased by 1.2 years while females decreased by 1.4 years.

The decline in life expectancy for 2020 to 2022 is attributed to the increase in the number of excess deaths during pandemic COVID-19 in 2021. Similar impact will be seen for age specific analysis of life expectancy.

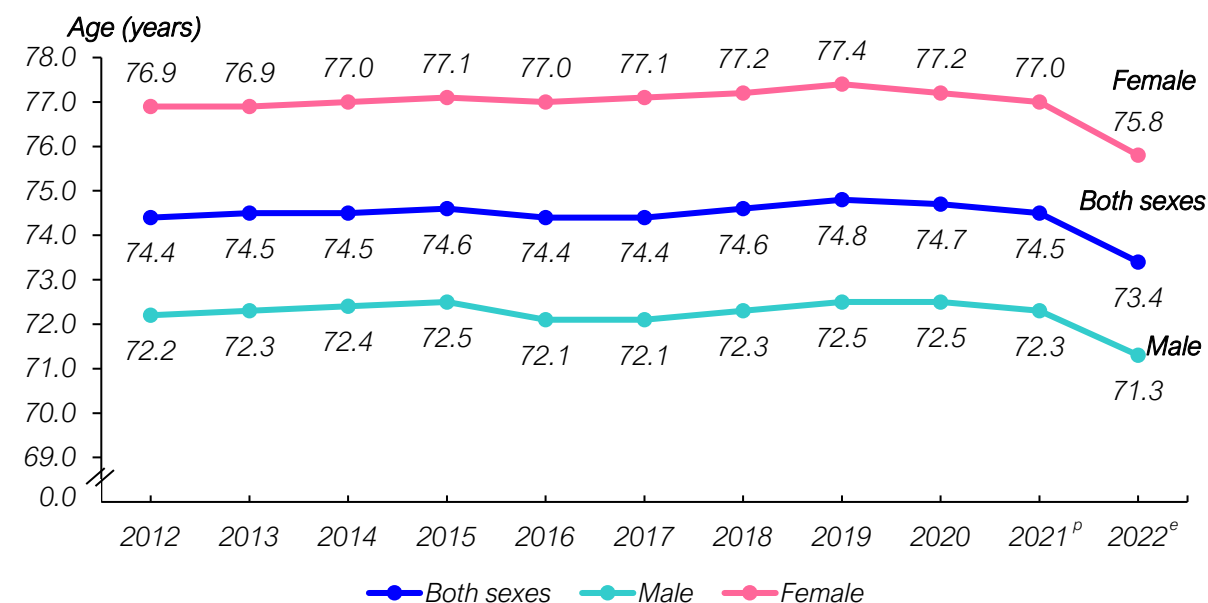
Chart 1: Change in life expectancy at birth, Malaysia, 2012-2019 and 2020-2022



A baby girl born in 2020 and 2021 is expected to live up to 77.2 years and 77.0 years respectively, while a baby boy is expected to live up to 72.5 years and 72.3 years respectively for the same period.

On average, a baby girl born in 2022 is expected to live until 75.8 years while a baby boy is expected to live until 71.3 years. [Chart 2]

Chart 2: Life expectancy at birth, Malaysia, 2012-2022



Notes:

^p Preliminary^e Estimates

4. LIFE EXPECTANCY AT THE AGE OF 15 YEARS

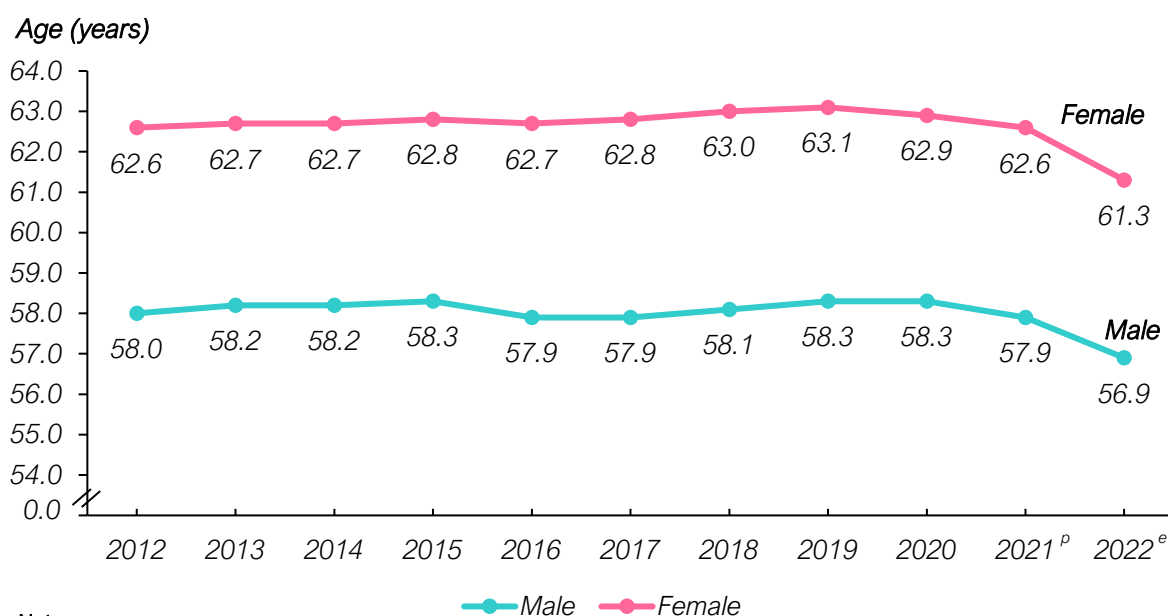
Females at the Age of 15 Years is Expected to Live 4 Years Longer for the Period 2020 to 2022

Males who reach the age of 15 years in 2020, 2021 and 2022 are expected to live for **another 58.3 years, 57.9 years and 56.9 years** respectively. This indicates that a male who reaches the age of 15 years old in 2020 is expected to live until the age of 73.3 years; a male who is 15 years old in 2021 is expected to live until the age of 72.9 years and a male who is 15 years old in 2022 is expected to live until the age of 71.9 years.

Females who reach the age of 15 years in 2020, 2021 and 2022 are expected to live for **another 62.9 years, 62.6 years and 61.3 years** respectively. Thus, a female who is 15 years old in 2020 is expected to live until 77.9 years; a female who is 15 years old in 2021 is expected to live until 77.6 years and a female who is 15 years old in 2022 is expected to live until the age of 76.3 years.

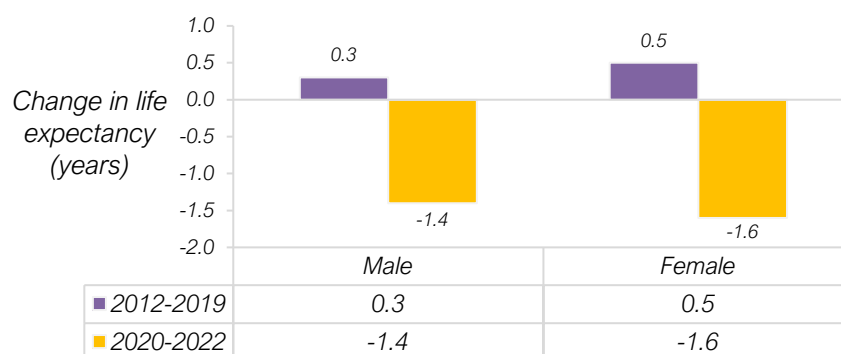
In terms of life expectancy, females outlived males by 4.6 years (2020), 4.7 years (2021) and 4.4 years (2022). [Chart 3]

Chart 3: Life expectancy at the age of 15 years by sex, Malaysia, 2012-2022



From 2012 to 2019 (7 years), life expectancy at the age of 15 years for males increased by 0.3 years and females, 0.5 years. Conversely, from 2020 to 2022 (3 years), life expectancy at the age of 15 years for males and females recorded a decline of 1.4 years and 1.6 years, respectively.

Chart 4: Change in life expectancy at the age of 15 years by sex, Malaysia, 2012-2019 and 2020-2022



5. LIFE EXPECTANCY AT THE AGE OF 60 YEARS

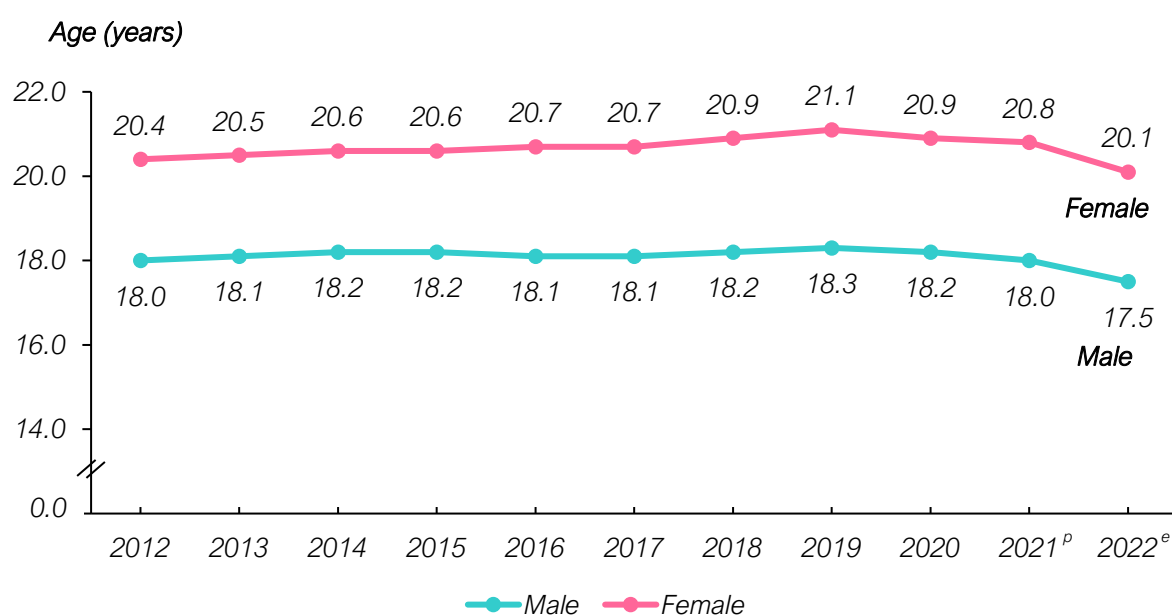
Women at the Age of 60 Years Expected to Live More Than 80 Years for the Period of 2020 to 2022

Males and females who reach the age of 60 years in 2020 are expected to live for another 18.2 and 20.9 years, respectively. Thus, males aged 60 years in 2020 are expected to live until the age of 78.2 years and females, 80.9 years.

Males who are 60 years in 2021 are expected to live for another 18.0 years and females, 20.8 years. This implies, males aged 60 years in 2021 are expected to live until the age of 78.0 years and females, 80.8 years.

Males and females aged 60 years old in 2022 are expected to live for another 17.5 years and 20.1 years, respectively. These indicate males aged 60 years in 2022 are expected to live up to 77.5 years and females, 80.1 years.

Chart 5: Life expectancy at the age of 60 years by sex, Malaysia, 2012-2022



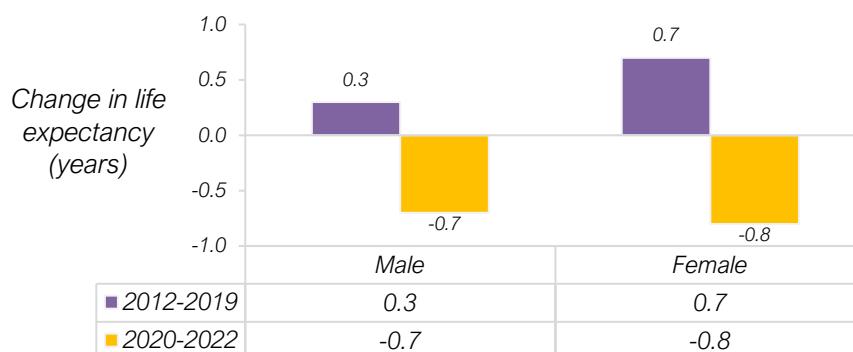
Notes:

^P Preliminary

^e Estimates

In the period 2012 to 2019 (7 years), life expectancy at the age of 60 years for males increased by 0.3 years and for females, 0.7 years. However, for 2020 to 2022 (3 years), life expectancy at age of 60 years for males and females recorded a decline of 0.7 years and 0.8 years, respectively. [Chart 6]

Chart 6: Change in life expectancy at the age of 60 years, Malaysia, 2012-2019 and 2020-2022



The decrease in life expectancy for three years (2020-2022) is attributed to the increase in the number of excess deaths during the pandemic COVID-19 in 2021. Based on statistics of COVID-19 deaths in 2021 by the Ministry of Health, Malaysia (MoH), the age group of 60 to 64 years recorded the highest number of deaths, with 3,709 deaths as compared to 86 deaths in 2020.

Table 1: Deaths due to COVID-19 by age group, Malaysia, 2020-2021

Age group	2020	2021
0	0	22
1-4	3	22
5-9	1	21
10-14	1	23
15-19	1	55
20-24	4	195
25-29	10	496
30-34	7	883
35-39	16	1,393
40-44	13	1,919
45-49	27	2,365
50-54	46	2,740
55-59	52	3,222
60-64	86	3,709
65-69	71	3,606
70-74	57	3,409
75-79	52	2,565
80-84	35	2,259
85 years and over	34	2,159
Total	516	31,063

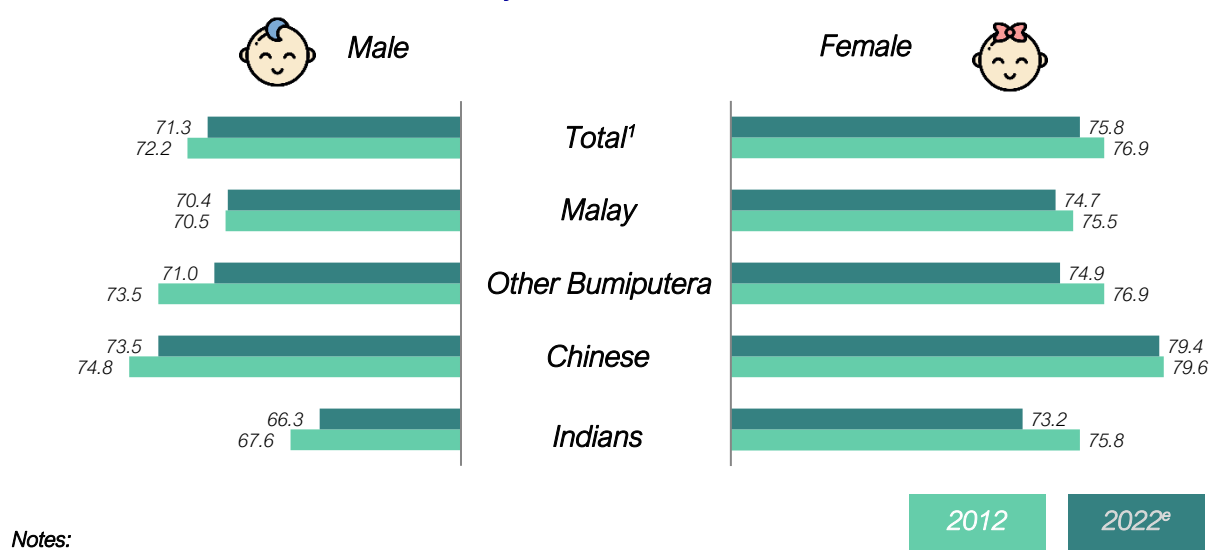
Source: Ministry of Health, Malaysia

6. LIFE EXPECTANCY AT BIRTH BY ETHNIC GROUP

Chinese Continues to Live Longer

The highest life expectancy at birth was recorded by Chinese with 73.5 years (males) and 79.4 years (females) in 2022. In contrast, the lowest life expectancy at birth for males and females is recorded by Indians with 66.3 years and 73.2 years respectively for the same year.

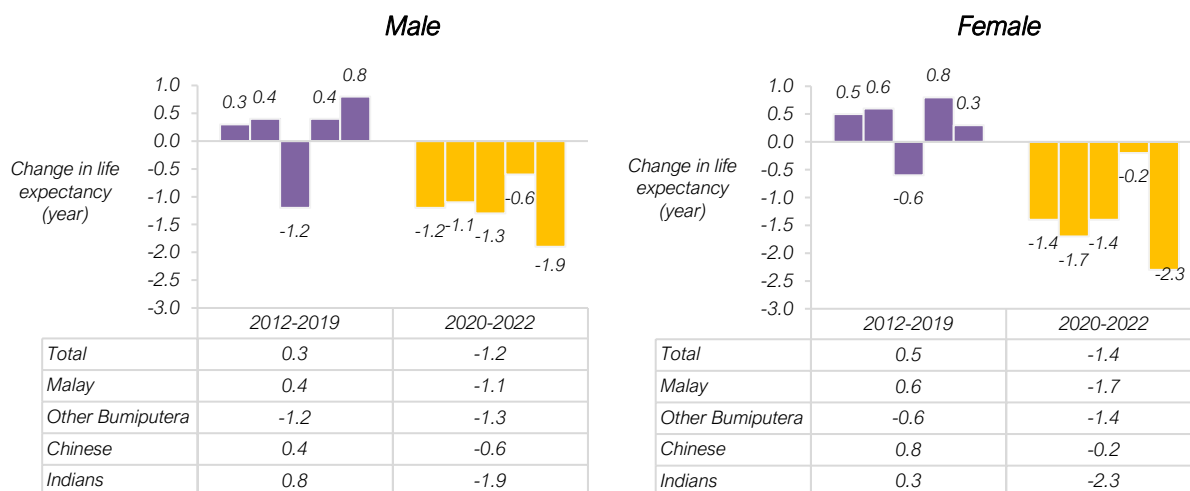
Exhibit 1: Life expectancy at birth by ethnic group and sex, Malaysia, 2012 and 2022



From 2012 to 2019 (7 years), all ethnic groups recorded an increase in life expectancy except for Other Bumiputera.

From 2020 to 2022 (3 years), the highest decrease in life expectancy at birth was recorded by Indians with 1.9 years (male) and 2.3 years (female). Whereas, the lowest decrease in life expectancy at birth below one year was recorded by Chinese with 0.6 years (males) and 0.2 years (females). [Chart 7]

Chart 7: Change in life expectancy at birth by ethnic group and sex, Malaysia, 2012-2019 and 2020-2022



Notes:

Total includes Others (citizen) and non-citizen

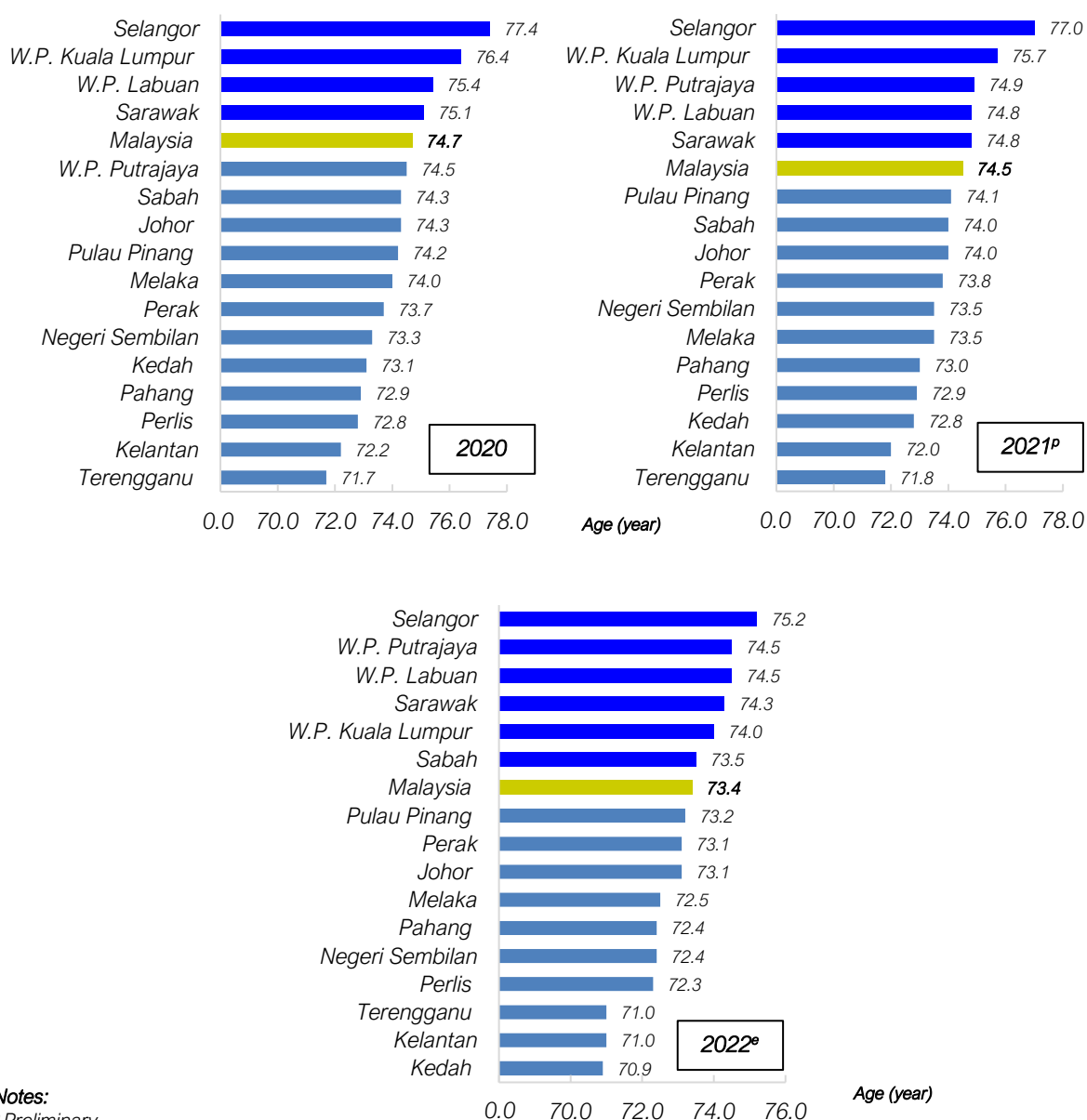
7. LIFE EXPECTANCY AT BIRTH BY STATE

Selangor Recorded the Highest Life Expectancy at Birth

The highest life expectancy at birth for males and females by state for the period of 2020 to 2022 was recorded by Selangor. Terengganu recorded the lowest life expectancy for 2020 and 2021 while Kedah recorded the lowest life expectancy at birth for 2022.

There are **four** states that exceeded the national level life expectancy of 74.7 years in 2020. Meanwhile, in 2021, **five** states surpassed the national level (74.5 years) and in 2022, **six** states exceeded the national level (73.4 years). [Chart 8]

Chart 8: Life expectancy at birth by state, Malaysia, 2020-2022

**Notes:**^p Preliminary^e Estimates

8. SURVIVORS

Survivors are the *number of survivors* at the beginning of a certain age.

For every 100,000 **baby boys**, **99,301 babies** (99.3%) will have the chance to survive up to the age of **one year** old in 2020, **99,387 babies** (99.4%) in 2021 and **99,407 babies** (99.4%) in 2022.

For every 100,000 **baby girls**, **99,397 babies** (99.3%) will have the chance to live up to the age of **one year** in 2020, **99,454 babies** (99.5%) in 2021 and **99,470** (99.5%) in 2022.

[Table 2]

Table 2: Survivors by ethnic group and sex for one year old, Malaysia, 2020-2022

Ethnic group/ Sex	1 year old					
	2020		2021 ^p		2022 ^e	
	Number	%	Number	%	Number	%
Total¹						
Male	99,301	99.3	99,387	99.4	99,407	99.4
Female	99,397	99.3	99,454	99.5	99,470	99.5
Malay						
Male	99,214	99.2	99,364	99.4	99,382	99.4
Female	99,322	99.3	99,430	99.4	99,451	99.5
Other Bumiputera						
Male	99,112	99.1	99,208	99.2	99,245	99.2
Female	99,221	99.2	99,281	99.3	99,292	99.3
Chinese						
Male	99,676	99.7	99,585	99.6	99,624	99.6
Female	99,708	99.7	99,646	99.6	99,637	99.6
Indians						
Male	99,455	99.5	99,433	99.4	99,425	99.4
Female	99,565	99.6	99,581	99.6	99,599	99.6

Notes:¹ Include Others (citizen) and non-citizen^p Preliminary^e EstimatesThe proportion of newborn babies is calculated by dividing the number of people alive at the beginning of a given age l_x by a radix of 100,000 births at an age of exactly 0

9. LIFE EXPECTANCY AT BIRTH AND GROSS DOMESTIC PRODUCT (GDP) PER CAPITA BY STATE

Ngangue & Manfred (2015) study on the impact of life expectancy on the growth of Gross National Income (GNI) per capita for 141 developing countries during 2000-2013 showed that the improvement in life expectancy has a positive impact on economic growth.

In 2021, five (5) states recorded the highest life expectancy at birth surpassing the national level (74.5 years) namely Selangor (77.0 years), W.P. Kuala Lumpur (75.7 years), W.P. Putrajaya (74.9 years) and Sarawak & W.P. Labuan 74.8 years, respectively.

GDP per capita in 2021 shows that five states recorded GDP per capita surpassed the national level (RM47,324) which comprise W.P. Kuala Lumpur (RM111,292), W.P. Labuan (RM81,345), Sarawak (RM65,971), Pulau Pinang (RM59,685) and Selangor (RM51,930). [Table 3]

Table 3: Life expectancy at birth and GDP per capita by state, Malaysia, 2021^P

State (ranking by the highest life expectancy)	Life expectancy at birth 2021 ^P (year)	State (ranking by the highest GDP per capita)	GDP per capita 2021 ^P at current prices (RM)
Selangor	77.0	W.P. Kuala Lumpur ¹	111,292
W.P. Kuala Lumpur	75.7	W.P. Labuan	81,345
W.P. Putrajaya	74.9	Sarawak	65,971
W.P. Labuan	74.8	Pulau Pinang	59,685
Sarawak	74.8	Selangor	51,930
Malaysia	74.5	Malaysia	47,439
Pulau Pinang	74.1	Melaka	44,610
Sabah	74.0	Negeri Sembilan	44,495
Johor	74.0	Pahang	41,313
Perak	73.8	Johor	36,474
Melaka	73.5	Perak	34,338
Negeri Sembilan	73.5	Terengganu	30,901
Pahang	73.0	Sabah	29,960
Perlis	72.9	Kedah	23,575
Kedah	72.8	Perlis	21,508
Kelantan	72.0	Kelantan	15,584
Terengganu	71.8		

Nota:^P Preliminary¹ Includes W.P. Putrajaya

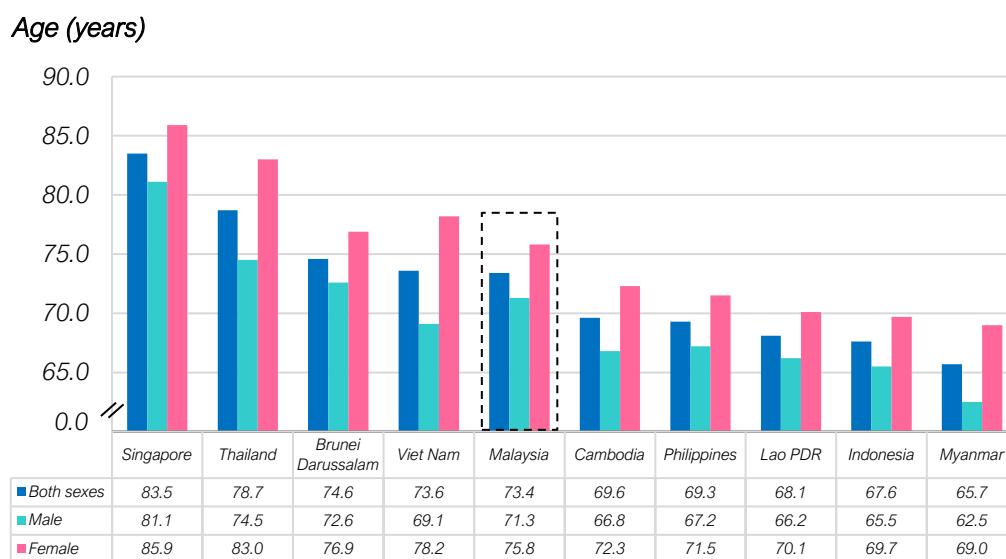
Source: GDP by State, 2021, Department of Statistics Malaysia

10. LIFE EXPECTANCY AT BIRTH AND AGEING POPULATION FOR ASEAN COUNTRY

Singapore had the highest life expectancy at birth for males (81.1 years) and females (85.9 years) in 2021 as compared to other ASEAN countries. [Chart 9]

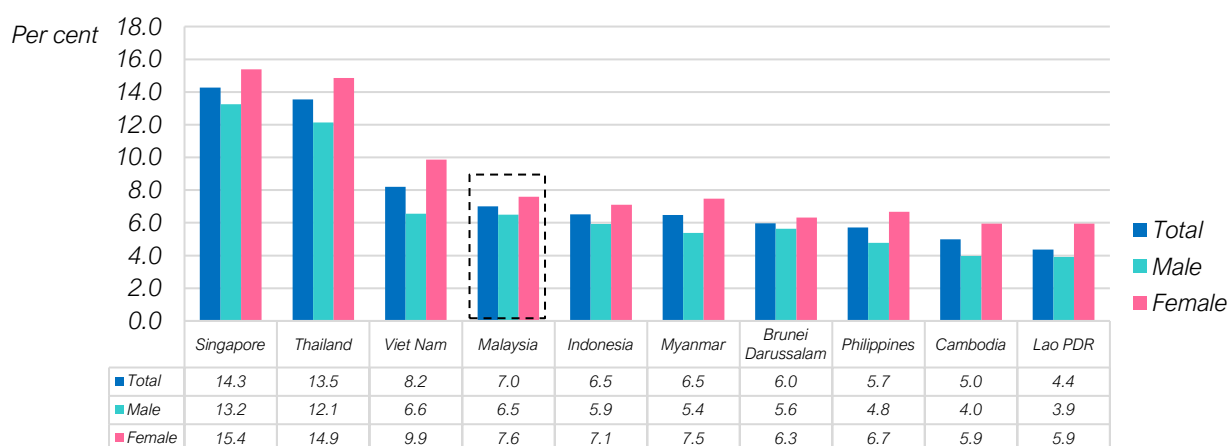
Among the ASEAN countries that have achieved an ageing society are Singapore (14.3%), Thailand (13.5%) and Viet Nam (8.2%) with the percentage of the population aged 65 years and over in a country that has reached seven per cent (7%) of the total population. [Chart 10]

Chart 9: Life expectancy at birth by sex, ASEAN, 2021

**Notes:**

Statistics life expectancy at birth for ASEAN (2021) is obtained from World Population Prospects (WPP), updated July 2022 except for Malaysia and Singapore (latest release)

Chart 10: Population aged 65 years and over, ASEAN, 2021

**Notes:**

Statistics population aged 65 years for ASEAN (2021) is obtained from World Development Indicator (WDI), updated July 2022 except for Malaysia (latest release)

11. LIFE EXPECTANCY AT BIRTH AND GROSS NATIONAL INCOME (GNI) PER CAPITA FOR SELECTED COUNTRIES

The Human Development Index (HDI) is an index that measures of average achievement in key dimensions of human development: a long and healthy life, being knowledgeable and having a decent standard of living. Human Development Report was released by United Nations Development Programme (UNDP) and have been published since 1990 until 2020.

The main objective of HDI is to provide a simple measure of human progress – built around people's freedom to live the lives they prefer. The HDI has gained popularity with its simple but comprehensive formula that assesses a population's average longevity, education and income.

Based on the HDI report, 2020, 10 countries were listed as Very High Human Development Index namely Hong Kong, China (SAR) recorded the highest life expectancy at birth with 84.9 years while Switzerland has the highest GNI per capita with \$69,394.

Table 4: Life expectancy at birth and GNI per capita for selected countries, 2020

No.	Country (ranking by the highest life expectancy)	Life expectancy at birth (year) 2019	Country (ranking by the highest GNI per capita)	GNI per capita (2017 PPP \$) 2019	HDI Rank
1.	Hong Kong, China (SAR)	84.9	Switzerland	69,394	4
2.	Switzerland	83.8	Ireland	68,371	2
3.	Australia	83.4	Norway	66,494	8
4.	Iceland	83.0	Hong Kong, China (SAR)	62,985	4
5.	Sweden	82.8	Denmark	58,662	7
6.	Norway	82.4	Netherlands	57,707	1
7.	Ireland	82.3	Germany	55,314	2
8.	Netherlands	82.3	Iceland	54,682	8
9.	Germany	81.3	Sweden	54,508	6
10.	Denmark	80.9	Australia	48,085	10

Source: Human Development Index Report, 2020

ARTICLE

EFFECTS OF COVID-19 PANDEMIC ON LIFE EXPECTANCY*(Rosmiyawati Anwar, Mohamad Shukor Mat Lazim, Nur Azmina Mohd Zuhkhori, Amirul Hafiz Azelan)***INTRODUCTION**

Life expectancy is one of the indicators of the health status of the population in a country. Life expectancy at birth can also reflect the pattern of mortality that occurs in all age groups whether it is children, adults or older people. Although this indicator does not reflect the reality of a person's life journey in an age cohort and should not be interpreted as a projection or prediction of the life expectancy of any individual, it can explain the current pattern of death in a country. However, life expectancy is also affected by several extraneous factors such as wars, natural disasters and epidemics.

The COVID-19 pandemic that hit the world in 2020 has led to a decline in life expectancy in a country. It is the largest number since the Second World War¹. The decline in life expectancy in countries is different and has been attributed to the increase in the number of deaths due to COVID-19. Since 1950, annual declines in life expectancy have only been observed on rare occasions, such as in Cambodia in the 1970s, Rwanda in the 1990s, and some sub-Saharan African nations at the peak of the AIDS pandemic (Heuveline, 2022).

At the end of December 2019, an outbreak of respiratory disease associated with a new Coronavirus or COVID-19. The virus was reported in Wuhan, China easily spreads from a person with symptoms (such as fever, cough and difficulty breathing) to someone else through coughing or sneezing. The virus is not only contagious, but infected people are also at risk of death because a vaccine has not yet been discovered.

The World Health Organization (WHO) declared the virus a worldwide disease on 11 March 2020 (WHO, 2020²). As of June 28, 2020, there were 216 countries, regions or territories affected by the virus with a total of 9,843,073 confirmed COVID-19 cases, including 495,760 reported deaths (WHO, 2020³).

Malaysia is no exception to the spread of this disease. The first COVID-19 case in Malaysia was reported on January 25, 2020 (Ministry of Health Malaysia (MoH), 2020). As of June 28, 2020, the number of COVID-19 cases in Malaysia has increased to 8,634, including 121 deaths as reported by MoH (2020). Hence, to curb the spread of

¹ <https://www.ox.ac.uk/news/>

² WHO timeline COVID-19

³ WHO Coronavirus Disease (COVID-19) Dashboard

COVID-19 cases in Malaysia, the government has enforced the Movement Control Order (MCO). MCO phase and period of the MCO showed in **Table 1**.

Table 1: Phase and period of the Movement Control Order

Phase MCO	Period
MCO 1.0	18 March-3 May 2020
MCO 2.0	13 January-18 February 2020 19 February-4 March 2021
MCO 3.0	1-14 June 2021

Source: Malaysian National Security Council

Global life expectancy appears to have declined by 0.92 years between 2019 and 2020, while 0.72 years for the period 2020 to 2021. The findings also showed that there is an annual change in the life expectancy throughout Asia including the Philippines (Southeast Asia) that recorded a decrease of 3.0 years, India (South Asia) 2.6 years, Central Asia namely Kazakhstan, 3.2 years and Lebanon (West Asia) 3.4 years. In addition, some countries in the continental African continent such as Tunisia, registered a decline of 3.4 years, South Africa (3.1 years) and Egypt (2.3 years). (Heuveline, 2022)

In addition, the number of "excess deaths" which is the difference between the actual number of deaths and the number of deaths expected to have occurred during the absence of the pandemic (based on pre-pandemic trends) will provide a fuller account of the mortality impact of the pandemic (Helleringer and Lanza Queiroz, 2021).

Some recent studies have examined the effect of COVID-19 on life expectancy at birth. Trias-Llimós and Bilal studied the role of the COVID-19 crisis on life expectancy in the city of Madrid, which was the city most affected by the disease in Spain. The results from the study, based on mortality data from March 9 to May 10, 2020, showed a reduction in life expectancy due to COVID-19 of 1.9 years for males and 1.6 years for females (Trias-Llimós, S., Riffe, T., & Bilal, U. (2020)). In addition, Razeghi Nasrabad HB and Sasanipour who studied the impact of COVID-19 in Iran also showed that there was a reduction in life expectancy at birth by 1.4 years in 2020 (Razeghi Nasrabad, H. B., & Sasanipour, M. (2022)).

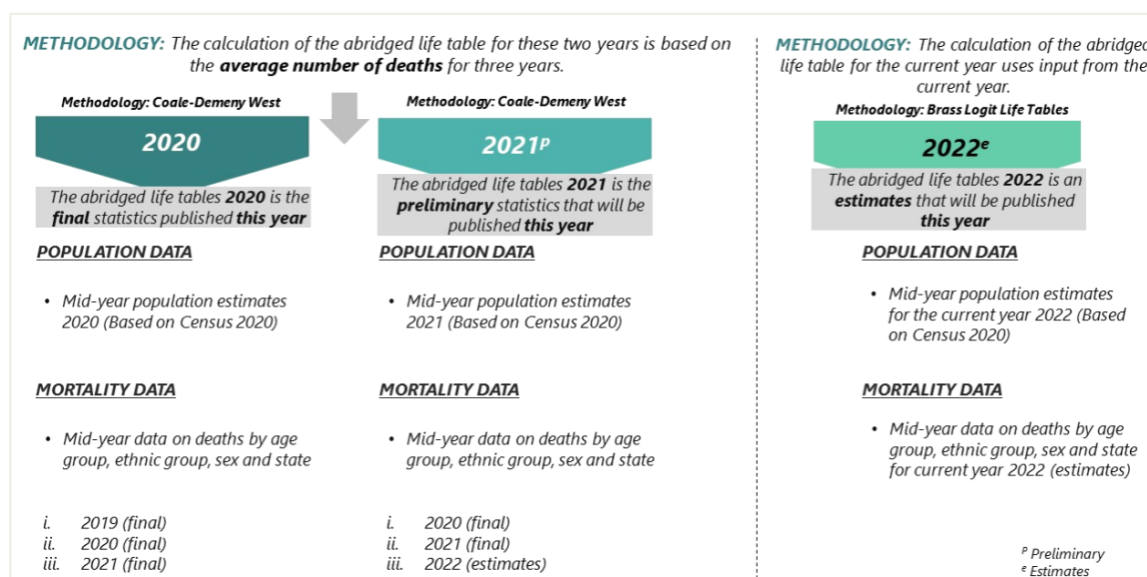
The pandemic has also had a significant impact on health systems in most countries, potentially leading to increased morbidity and mortality beyond the direct impact of COVID-19 infection. The increase in deaths (excess deaths), directly and indirectly, has the potential to lead to a decrease in life expectancy in a country. Stagnation or a decline in life expectancy can signal a decline in health profiles driven by adverse socioeconomic trends, decreased provision or quality of health care or deteriorating behavioral factors (Ho and Hendi, 2018).

This article will discuss the descriptive findings based on the comparison of life expectancy with all causes of death and life expectancy excluding the causes of death due to COVID-19 in Malaysia for the period 2020 to 2022.

METHODOLOGY

The abridged life table for 2020 and 2021 is generated using the Coale-Demeny (West) model based on the average number of mid-year deaths for the last three years and mid-year population estimates for the relevant year based on the Population and Housing Census of Malaysia (MyCensus 2020). The abridged life table for 2022 is generated using the Brass Logit model whereby the input of deaths is based on the mid-year deaths and the population is using the mid-year population estimates for 2022. Summary of the methodology for calculating the abridged life table for the years 2020 to 2022 as shown in Exhibit 1.

Exhibit 1: Methodology of the abridged life tables calculation, Malaysia, 2020-2022



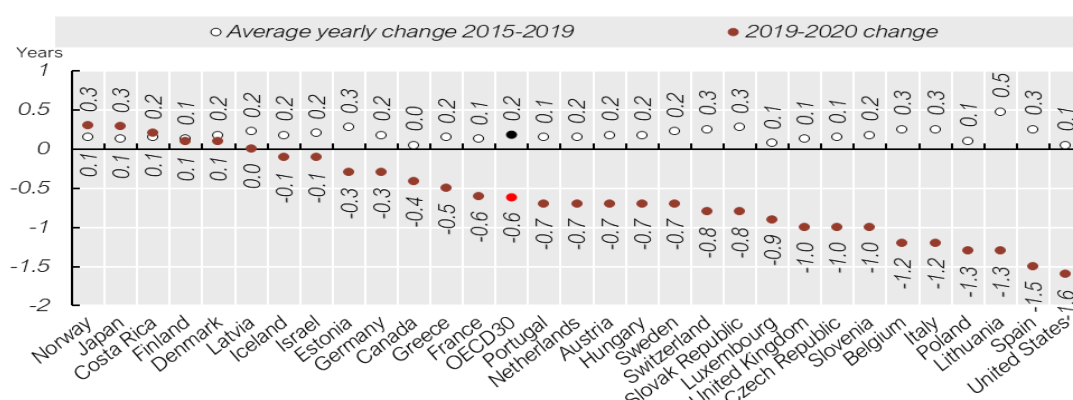
The calculation of abridged life tables considers all causes of death that occurred for the period. However, to assess the impact of COVID-19 on life expectancy in Malaysia whether there is an increase in the number of years or vice versa, a calculation of the abridged life table **excluding** causes of death due to COVID-19 at Malaysia level for the period 2020 to 2022 was calculated.

FINDINGS

The current scenario of other countries' life expectancy

In 2020, life expectancy dropped from the period 2019 to 2020 in 24 out of 30 OECD countries as compared to the period of 2015 to 2019 (Health at a Glance 2021: OECD Indicators, 2021). Among the 30 countries, six countries namely Norway, Japan, Costa Rica, Finland, Denmark and Latvia showed no decline in life expectancy.

Exhibit 2: Reductions in life expectancy at birth during the pandemic



Source: Health at a Glance Report, 2021

WHO estimated that the total global excess deaths attributable to COVID-19 in 2020, both directly and indirectly, should amount to at least three million. The exceptionally high number of deaths (excess deaths) in 2020 in these 24 countries had an impact on life expectancy in those countries. (Health at a Glance 2021: OECD Indicators, 2021)

Other studies also showed that the coronavirus epidemic has reduced life expectancy in other countries such as Singapore (0.2 years in 2021 as compared to 2019), Brazil (1.3 years in 2020) and Iran (1.4 years in 2020). This situation also occurred in Malaysia from 2020 to 2022.

COVID-19 Deaths in Malaysia for the period 2020 to 2022

Based on the statistics of COVID-19 deaths by the MoH until August 2022, there was an increase in deaths due to COVID-19 for the period January to December 2021 as compared to 2020. The number of deaths due to COVID-19 recorded in 2021 increased to 31,063 deaths as compared to 516 deaths in 2020. However, as at August 2022, the number of deaths due to COVID-19 has decreased to 4,646. [Table 2]

Table 2: Deaths due to COVID-19 by state, Malaysia, 2020-2022

State	2020	2021	2022 (as at August 2022)	2020-2022
Johor	37	3,830	737	4,604
Kedah	12	2,138	517	2,667
Kelantan	9	1,241	171	1,421
Melaka	7	951	219	1,177
Negeri Sembilan	13	1,308	184	1,505
Pahang	7	767	228	1,002
Perak	16	1,384	611	2,011
Perlis	2	135	55	192
Pulau Pinang	10	1,749	268	2,027
Sabah	274	2,514	358	3,146
Sarawak	21	1,596	140	1,757
Selangor	67	9,915	841	10,823
Terengganu	1	716	160	877
W.P. Kuala Lumpur	28	2,655	146	2,829
W.P. Labuan	9	143	5	157
W.P. Putrajaya	3	21	6	30
Total	516	31,063	4,646	36,225

Source: Ministry of Health, Malaysia

Nevertheless, for analysis in this article, the annual number of deaths due to COVID-19 has been recompiled to the mid-year as shown in Table 3 in line with the methodology of calculating the abridged life tables.

The number of mid-year deaths due to COVID-19 increased to 30,045 in 2022 deaths as compared to 121 deaths in 2020 and 5,616 deaths in 2021. The number of deaths due to COVID-19 by sex showed that males outnumbered females. The number of deaths for males due to COVID-19 in 2020 was 88 (72.7%), 3,353 deaths (59.7%) in 2021 and 17,124 deaths (57.0%) in 2022. Meanwhile, females' deaths due to COVID-19 were 33 deaths in 2020 (27.3%), 2,263 deaths (40.3%) in 2021 and 12,921 deaths (43%) in 2022. [Table 3]

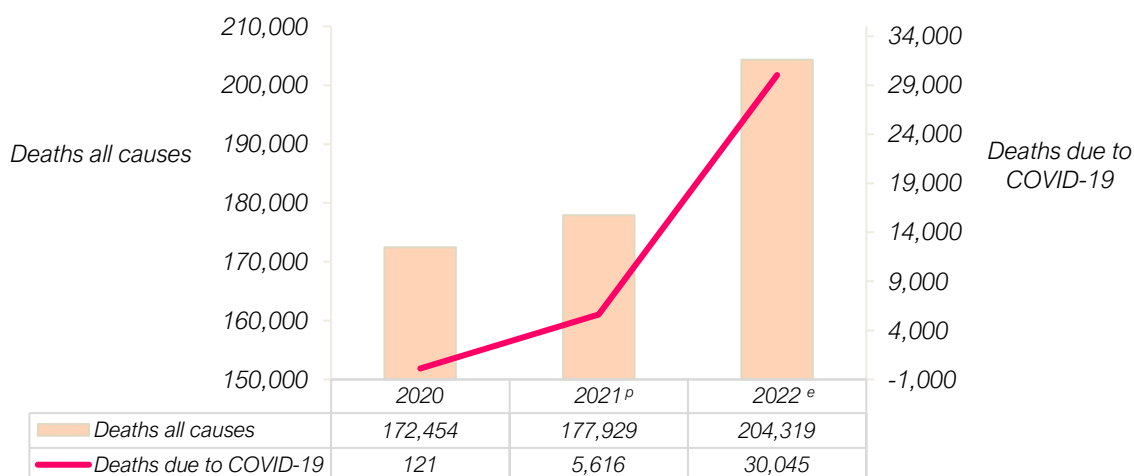
Table 3: Deaths due to COVID-19 (mid-year) by state and sex Malaysia, 2020-2022

State	2020 (July - Dec. 2019 to Jan. - June 2020)			2021 (July - Dec. 2020 to Jan. - June 2021)			2022 (July - Dec. 2021 to Jan. - June 2022)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Johor	20	17	3	581	350	231	3,937	2,165	1,772
Kedah	1	1	0	252	139	113	2,381	1,263	1,118
Kelantan	3	2	1	253	115	138	1,163	599	564
Melaka	5	4	1	155	93	62	978	544	434
Negeri Sembilan	8	5	3	424	241	183	1,052	586	466
Pahang	7	6	1	113	80	33	862	505	357
Perak	6	4	2	128	83	45	1,810	1,033	777
Perlis	2	2	0	6	2	4	182	103	79
Pulau Pinang	1	1	0	121	78	43	1,882	1,091	791
Sabah	7	4	3	548	340	208	2,573	1,540	1,033
Sarawak	17	10	7	405	248	157	1,316	750	566
Selangor	24	15	9	1,839	1,102	737	8,856	5,226	3,630
Terengganu	1	1	0	76	45	31	790	415	375
W.P. Kuala Lumpur	18	15	3	576	352	224	2,218	1,276	942
W.P. Labuan	0	0	0	127	75	52	30	19	11
W.P. Putrajaya	1	1	0	12	10	2	15	9	6
Malaysia	121	88	33	5,616	3,353	2,263	30,045	17,124	12,921

Source: Ministry of Health, Malaysia

The number of mid-year death for all causes in 2020 was 172,454 and out of 121 deaths which is 0.07 per cent were deaths due to COVID-19. A total of 5,616 of deaths in 2021 or 3.2 per cent of all causes of death was due to COVID-19. Meanwhile, for 2022, 14.7 per cent of overall causes of deaths are attributed to COVID-19.

Chart 1: Deaths (all causes of death) and deaths due to COVID-19, Malaysia, 2020-2022

**Notes:**^p Preliminary^e Estimates**Source:**
 Department of Statistics Malaysia
 Ministry of Health, Malaysia

The prevalence rate of COVID-19 in 2020 was 1.40 per cent and decreased to 0.76 per cent (2021) and recorded an increase of 0.03 percentage points in 2022. At a 10 per cent of COVID-19 prevalence rate, the loss in life expectancy at birth is estimated to be more than one year for North America and Europe and in Latin America and the Caribbean. This simulation has been carried out in four regions: North America and Europe; Latin America and the Caribbean; Southeast Asia and sub-Saharan Africa (Marois et al., 2020).

Table 4: COVID-19 prevalence rate, Malaysia, 2020-2022

State	Per cent (%)		
	2020	2021	2022
Johor	2.89	0.83	1.25
Kedah	1.03	1.00	0.86
Kelantan	1.91	0.73	0.54
Melaka	1.95	0.85	0.91
Negeri Sembilan	0.78	0.97	0.65
Pahang	1.92	0.85	0.54
Perak	2.33	0.49	1.00
Perlis	11.11	1.04	1.07
Pulau Pinang	0.83	0.35	0.75
Sabah	1.88	0.79	0.84
Sarawak	2.98	0.63	0.54
Selangor	1.17	0.75	0.78
Terengganu	0.90	0.69	0.68
W.P. Kuala Lumpur	0.74	0.76	0.75
W.P. Labuan	0.00	1.56	0.23
W.P. Putrajaya	1.03	0.54	0.08
Malaysia	1.40	0.76	0.79

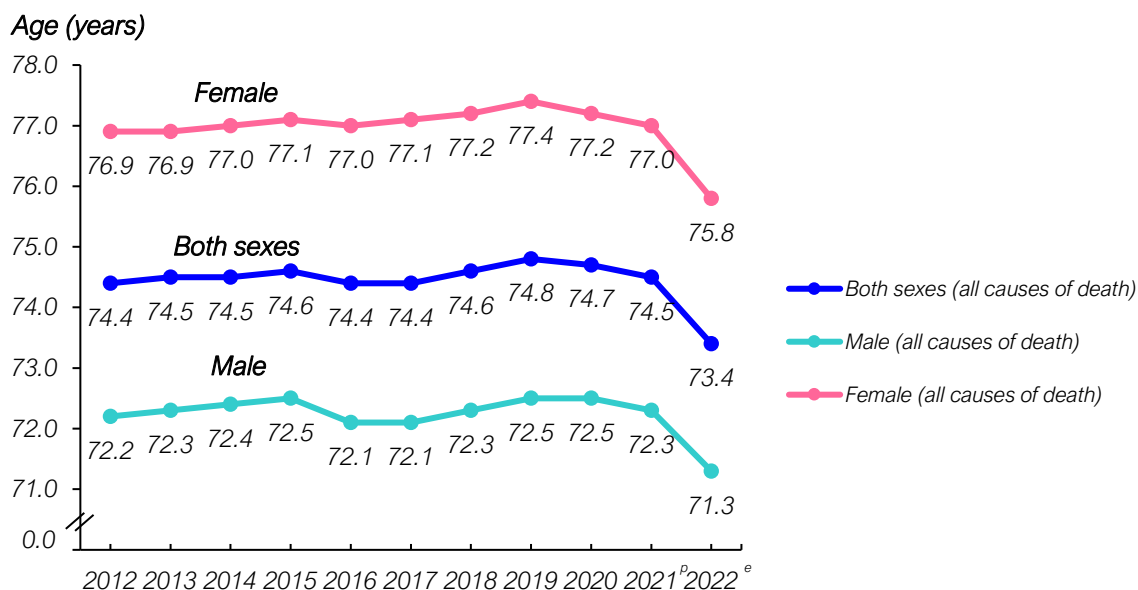
Source: Department of Statistics Malaysia

Comparison of life expectancy between all causes of death and excluding the causes of death due to COVID-19 for the period 2020-2022

Findings of life expectancy with **all causes of death** showed a baby born in 2020 on average is expected to live up to 74.7 years, 74.5 years in 2021 and 73.4 years in 2022.

A baby girl born in 2020 and 2021 on average is expected to live up to 77.2 years and 77.0 years respectively, while a baby boy is expected to live up to 72.5 years and 72.3 years respectively for the same period. On average, a baby girl born in 2022 is expected to live until 75.8 years while a baby boy is expected to live until 71.3 years.
[Chart 2]

Chart 2: Life expectancy at birth by sex (all causes of death), Malaysia, 2012-2022

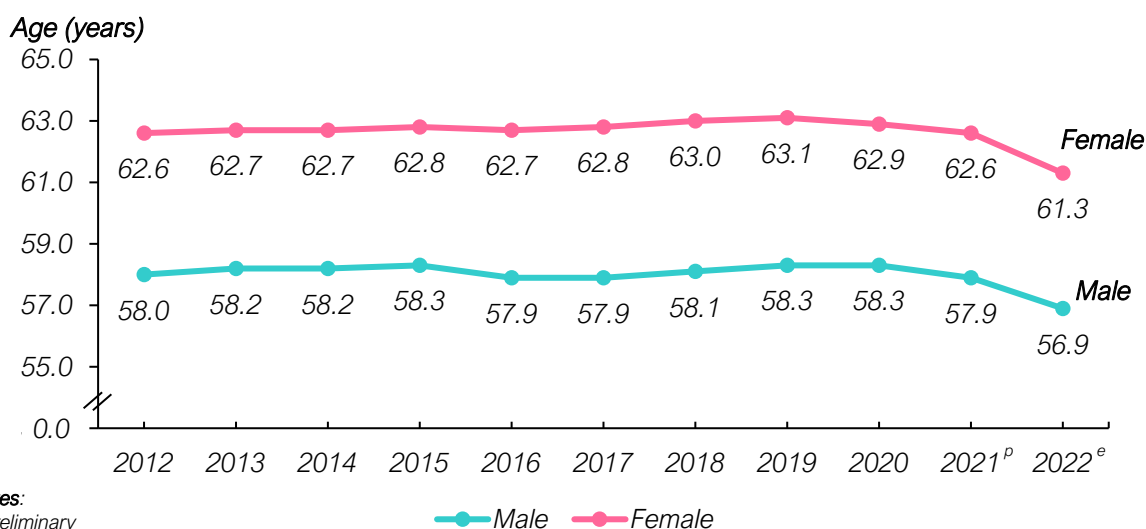
**Notes:**^p Preliminary^e Estimates

Source:

Department of Statistics Malaysia

Findings of life expectancy with **all causes of death** showed males who reach the age of 15 years old in 2020, 2021 and 2022 are expected to live for another 58.3 years, 57.9 years and 56.9 years respectively. Females who reach the age of 15 years in 2020, 2021 and 2022 are expected to live for another 62.9 years, 62.6 years and 61.3 years respectively.

Chart 3: Life expectancy at the age of 15 years by sex (all causes of death), Malaysia, 2012-2022

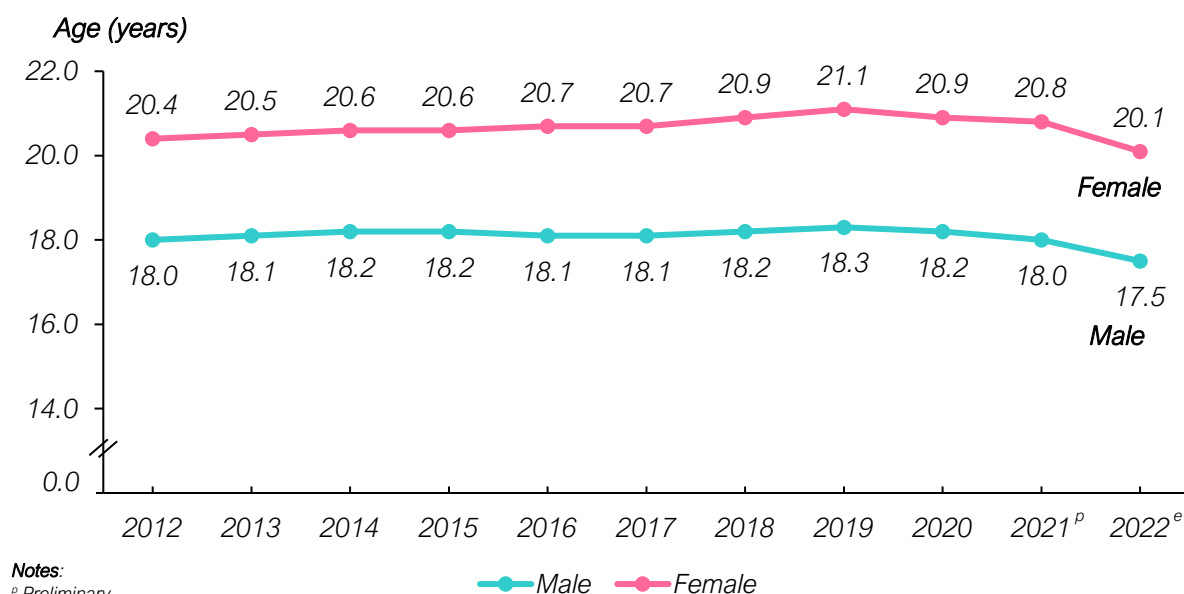
**Notes:**^p Preliminary^e Estimates

Source:

Department of Statistics Malaysia

The result of life expectancy with **all causes of death** showed males who reach the age of 60 years in 2020, 2021 and 2022 are expected to live for another 18.2 years, 18.0 years and 17.5 years respectively. Females who reach the age of 60 years in 2020, 2021 and 2022 are expected to live for another 20.9 years, 20.8 years and 20.1 years respectively.

Chart 4: Life expectancy at the age of 60 years by sex (all causes of death), Malaysia, 2012-2022



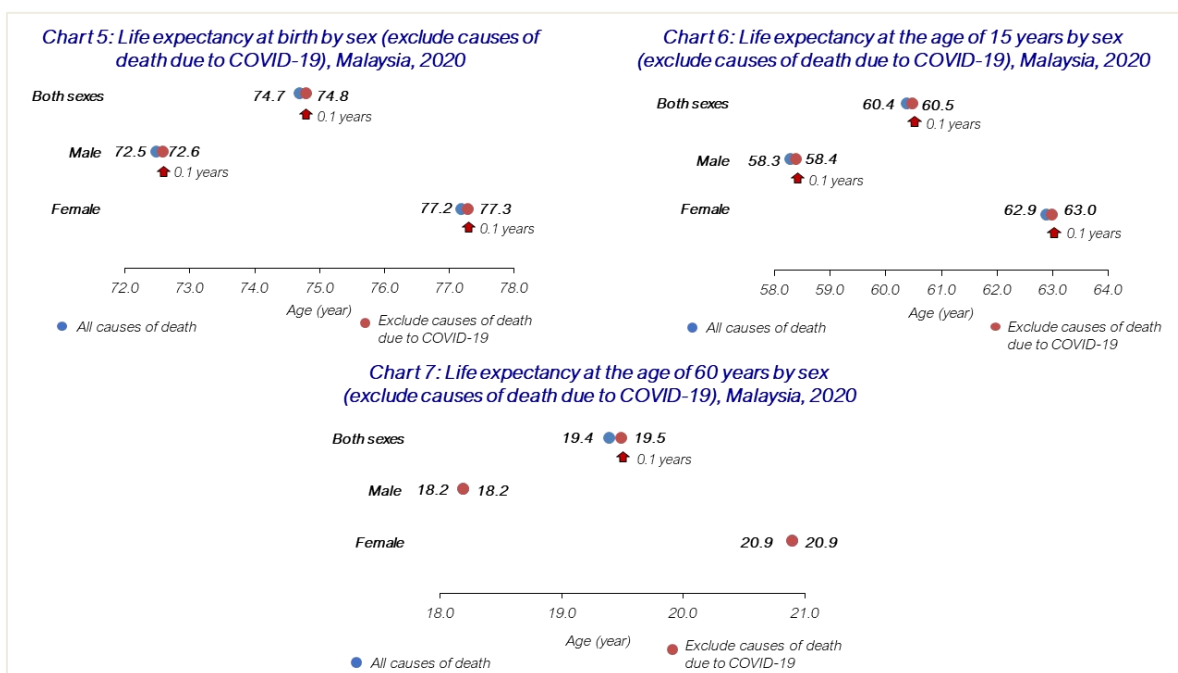
To determine whether this decline was contributed by deaths caused by COVID-19, the calculation of the abridged life table that **excludes number of deaths due to COVID-19** has been calculated. The inputs for 2020, 2021 and 2022 excluded the number of deaths due to COVID-19.

Life expectancy exclude causes of death due to COVID-19

A baby born in 2020 on average is expected to live 0.1 year longer to 74.8 years as compared to 74.7 years. On average, a baby boy born in 2020 is expected to live longer up to 72.6 years while a baby girl is expected to live up to 77.3 years, an increase by 0.1 year. [Chart 5]

Males and females who reach the age of 15 years in 2020, are expected to live for another 58.4 years and 63.0 years, respectively. Without considering COVID-19 in the calculation of life expectancy, life expectancy for males and females increased by 0.1 year respectively. These indicate that males reach at the age of 15 years were expected to live up to 73.4 years and females up to 78.0 years. [Chart 6]

Males and females who reach the age of 60 years in 2020 are expected to live for another 18.2 years and 20.9 years respectively. The life expectancy at the age of 60 years remained unchanged either including the causes of death of COVID-19 or vice versa. [Chart 7]



Source:
Department of Statistics Malaysia

Details of life expectancy according to age specific by sex for 2020 as shown below.

Table 5: Life expectancy at a specific age by sex, Malaysia, 2020

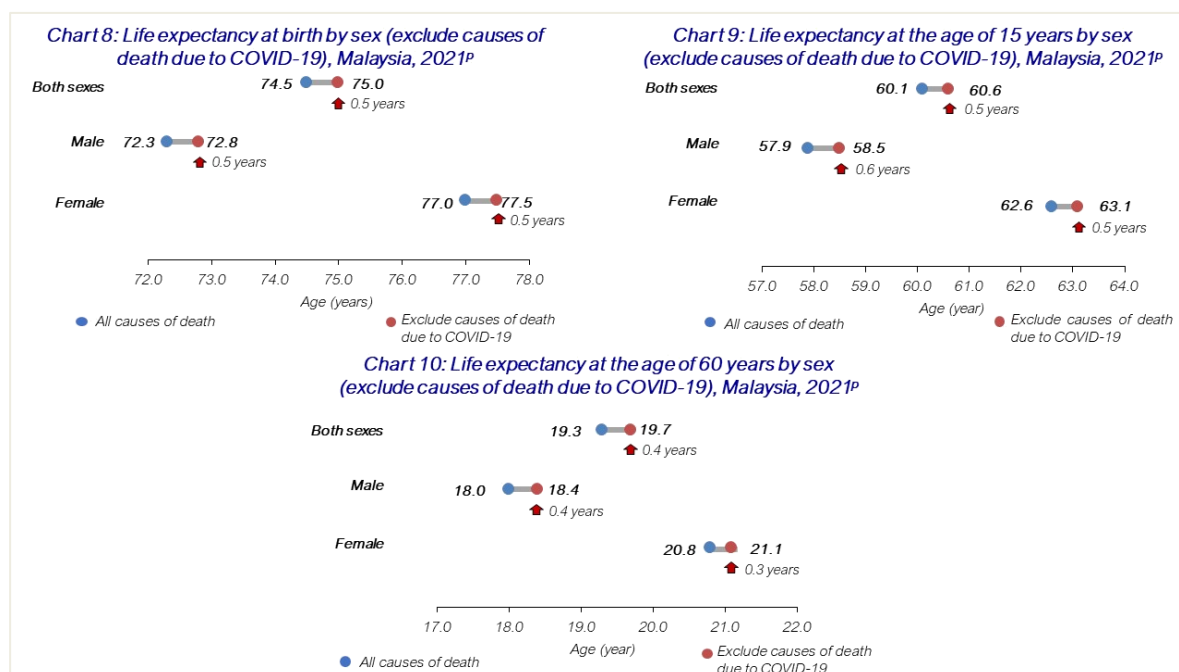
Age	2020 (All causes of death)			2020 (Exclude causes of death due to COVID-19)		
	Both sexes	Male	Female	Both sexes	Male	Female
	Life expectancy at a specific age			Life expectancy at a specific age		
0	74.7	72.5	77.2	74.8	72.6	77.3
1	74.2	72.0	76.7	74.3	72.1	76.8
5	70.3	68.1	72.8	70.4	68.2	72.9
10	65.3	63.2	67.9	65.4	63.3	67.9
15	60.4	58.3	62.9	60.5	58.4	63.0
20	55.5	53.5	58.0	55.6	53.6	58.1
25	50.7	48.7	53.1	50.8	48.8	53.2
30	45.9	43.9	48.2	46.0	44.1	48.3
35	41.1	39.2	43.4	41.2	39.3	43.5
40	36.4	34.6	38.6	36.5	34.7	38.7
45	31.9	30.1	33.9	32.0	30.2	34.0
50	27.5	25.8	29.4	27.6	25.9	29.4
55	23.4	21.9	25.0	23.4	22.0	25.1
60	19.4	18.2	20.9	19.5	18.2	20.9
65	15.8	14.8	17.0	15.9	14.8	17.0
70	12.3	11.5	13.3	12.4	11.6	13.3
75	9.2	8.6	9.8	9.2	8.6	9.9
80+	6.5	6.1	7.0	6.5	6.1	7.0

Source:
Department of Statistics Malaysia

A baby born in 2021, on average, is expected to live 0.5 years longer to 75.0 years as compared to 74.5 years. On average, a baby boy born in 2021 is expected to live longer up to 72.8 years while a baby girl is expected to live up to 77.5 years, an increase of 0.5 years respectively. [Chart 8]

Males and females who reach the age of 15 years are expected to live another 58.5 years and 63.1 years, respectively in the year 2021. Without considering COVID-19 in the calculation, life expectancy for males increased by 0.6 years and females increased by 0.5 years. These indicate that a male at the age of 15 years is expected to live until the age of 73.5 years and a female up to the age of 78.1 years. [Chart 9]

Males and females who reach the age of 60 years in 2021 are expected to live for another 18.4 years and 21.1 years, respectively. Without considering COVID-19 in the calculation, life expectancy for males increased by 0.4 years and females increased by 0.3 years. [Chart 10]



Notes:

^p Preliminary

Source:

Department of Statistics Malaysia

Details of life expectancy according to age specific by sex for 2021 as shown below.

Table 6: Life expectancy at a specific age by sex, Malaysia, 2021^p

Age	2021 ^p (All causes of death)			2021 ^p (Exclude causes of death due to COVID-19)		
	Both sexes	Male	Female	Both sexes	Male	Female
	Life expectancy at a specific age			Life expectancy at a specific age		
0	74.5	72.3	77.0	75.0	72.8	77.5
1	73.9	71.7	76.4	74.4	72.3	76.9
5	70.0	67.8	72.5	70.5	68.4	73.0
10	65.0	62.9	67.5	65.5	63.4	68.0
15	60.1	57.9	62.6	60.6	58.5	63.1
20	55.2	53.1	57.7	55.7	53.7	58.2
25	50.4	48.3	52.8	50.9	48.9	53.3
30	45.6	43.6	47.9	46.1	44.1	48.4
35	40.8	38.9	43.1	41.3	39.4	43.6
40	36.1	34.3	38.3	36.6	34.8	38.8
45	31.6	29.8	33.7	32.1	30.3	34.1
50	27.3	25.6	29.2	27.7	26.0	29.6
55	23.2	21.7	24.9	23.6	22.1	25.2
60	19.3	18.0	20.8	19.7	18.4	21.1
65	15.7	14.7	16.9	16.0	15.0	17.2
70	12.3	11.5	13.3	12.6	11.7	13.5
75	9.2	8.6	9.9	9.4	8.8	10.0
80+	6.5	6.0	7.0	6.6	6.2	7.1

Notes:

^p Preliminary

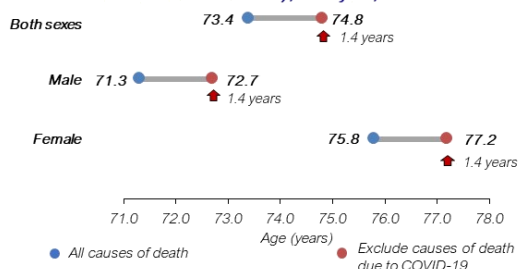
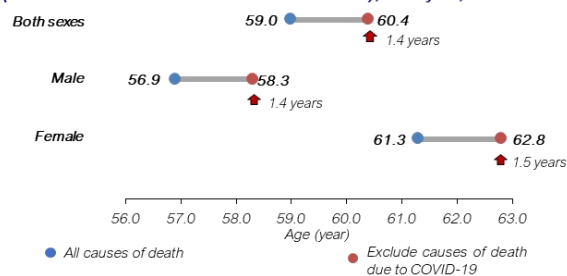
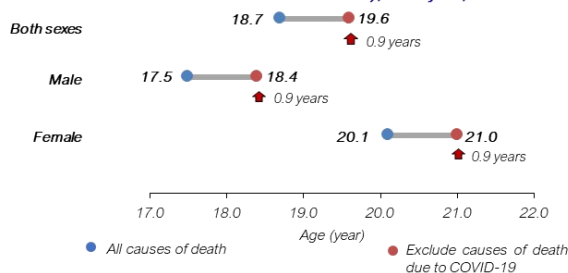
Source:

Department of Statistics Malaysia

Assuming no death attributable to COVID-19, a baby born in 2022 on average is expected to live 1.4 years longer to 74.8 years as compared to 73.4 years. On average, a baby boy born in 2022 is expected to live longer up to 72.7 years whereas a baby girl is expected to live up to 77.2 years. [Chart 11]

Males and females who reach the age of 15 years in 2022 are expected to live another 58.3 years and 62.8 years, respectively. Assuming no deaths attributable to COVID-19, life expectancy for males, increased by 1.4 years and females, 1.5 years. [Chart 12]

Males and females who reach the age of 60 years in 2022 are expected to live for another 18.4 years and 21.0 years, respectively. Without considering COVID-19, life expectancy for males and females increased by 0.9 years respectively. [Chart 13]

Chart 11: Life expectancy at birth by sex (exclude causes of death due to COVID-19), Malaysia, 2022^eChart 12: Life expectancy at the age of 15 years by sex (exclude causes of death due to COVID-19), Malaysia, 2022^eChart 13: Life expectancy at the age of 60 years by sex (exclude causes of death due to COVID-19), Malaysia, 2022^e**Notes:**^e Estimates

Source:

Department of Statistics Malaysia

Details of life expectancy according to age specific by sex for 2022 as shown below.

Table 7: Life expectancy at a specific age by sex, Malaysia, 2022^e

Age	2022 ^e (All causes of death)			2022 ^e (Exclude causes of death due to COVID-19)		
	Both sexes	Male	Female	Both sexes	Male	Female
	Life expectancy at a specific age			Life expectancy at a specific age		
0	73.4	71.3	75.8	74.8	72.7	77.2
1	72.8	70.7	75.2	74.2	72.2	76.6
5	68.9	66.8	71.2	70.3	68.2	72.7
10	63.9	61.9	66.3	65.4	63.3	67.7
15	59.0	56.9	61.3	60.4	58.3	62.8
20	54.1	52.1	56.4	55.5	53.5	57.9
25	49.3	47.3	51.5	50.7	48.7	53.0
30	44.5	42.6	46.7	45.9	44.0	48.1
35	39.8	37.9	41.9	41.2	39.3	43.3
40	35.2	33.3	37.2	36.5	34.7	38.5
45	30.7	28.9	32.6	31.9	30.2	33.9
50	26.4	24.8	28.3	27.6	26.0	29.4
55	22.5	21.0	24.1	23.5	22.0	25.1
60	18.7	17.5	20.1	19.6	18.4	21.0
65	15.3	14.2	16.4	16.0	15.0	17.1
70	12.0	11.2	12.9	12.6	11.8	13.5
75	9.0	8.4	9.6	9.4	8.8	10.1
80+	6.3	5.9	6.8	6.6	6.2	7.1

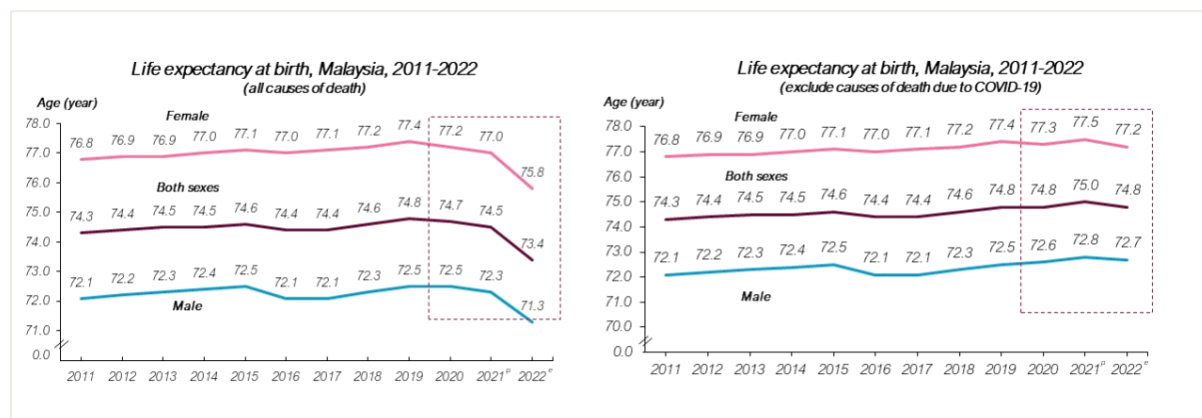
Notes:^e Estimates

Source:

Department of Statistics Malaysia

Overall, the study shows that a comparison of life expectancy at birth between all causes of deaths and exclude causes of death due to COVID-19, a person is expected to live longer in the period 2020 to 2022 if calculation of life expectancy exclude causes of death due to COVID-19.

Chart 14: Life expectancy at birth between all causes of death and exclude causes of death due to COVID-19, Malaysia, 2011-2022



Notes:

^a Preliminary

^e Estimates

Source:

Department of Statistics Malaysia

CONCLUSION

This study provides first assessments of the potential impact of COVID-19 on life expectancy by comparing the scenarios of life expectancy with all causes of death and life expectancy excluding death due to COVID-19 at Malaysia level. The results showed if no deaths due to COVID-19 occur for the period 2020 to 2022, a person is expected to live longer. These findings are in line with other studies in countries such as Iran, Brazil and the United States. For the case of Malaysia, the loss of life expectancy can be attributed to excess deaths that occurred due to COVID-19 during the same period. It would be fruitful to pursue further research about excess deaths in order to observe mortality during the pandemic.

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JADUAL RINGKASAN

SUMMARY TABLES



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Jadual 1.1: Jangkaan hayat ketika lahir mengikut jantina dan negeri, Malaysia, 2016-2022

Table 1.1: Life expectancy at birth by sex and state, Malaysia, 2016-2022

Negeri State	2016	2017	2018	2019	2020	2021 ^p	2022 ^e
Lelaki dan Perempuan							
<i>Both sexes</i>							
Malaysia	74.4	74.4	74.6	74.8	74.7	74.5	73.4
Johor	74.2	74.1	74.3	74.4	74.3	74.0	73.1
Kedah	72.9	73.0	73.1	73.4	73.1	72.8	70.9
Kelantan	72.0	72.2	72.4	72.6	72.2	72.0	71.0
Melaka	74.5	74.5	74.7	74.9	74.0	73.5	72.5
Negeri Sembilan	73.4	73.4	73.5	73.8	73.3	73.5	72.4
Pahang	73.3	73.4	73.6	73.9	72.9	73.0	72.4
Perak	74.0	73.9	74.0	74.2	73.7	73.8	73.1
Perlis	72.4	72.0	72.0	72.0	72.8	72.9	72.3
Pulau Pinang	74.8	74.9	75.2	75.5	74.2	74.1	73.2
Sabah	74.2	74.2	74.2	74.2	74.3	74.0	73.5
Sarawak	76.3	76.2	76.4	76.3	75.1	74.8	74.3
Selangor	75.1	75.1	75.4	75.7	77.4	77.0	75.2
Terengganu	71.6	71.8	72.1	72.2	71.7	71.8	71.0
W.P. Kuala Lumpur	76.6	76.5	76.7	76.9	76.4	75.7	74.0
W.P. Labuan	77.4	77.3	77.6	77.6	75.4	74.8	74.5
W.P. Putrajaya	72.3	72.2	73.3	73.8	74.5	74.9	74.5
Lelaki							
<i>Male</i>							
Malaysia	72.1	72.1	72.3	72.5	72.5	72.3	71.3
Johor	71.9	71.8	72.0	72.1	72.1	71.9	71.2
Kedah	70.2	70.3	70.4	70.7	70.4	70.2	68.6
Kelantan	69.0	69.3	69.6	69.7	69.6	69.5	68.7
Melaka	71.9	71.8	72.0	72.2	71.8	71.3	70.2
Negeri Sembilan	70.6	70.5	70.6	70.9	70.4	71.1	70.2
Pahang	70.9	71.0	71.2	71.5	70.7	70.8	70.2
Perak	71.1	71.0	71.1	71.3	71.1	71.1	70.3
Perlis	70.0	69.4	69.2	69.3	70.2	70.2	69.4
Pulau Pinang	72.3	72.3	72.6	72.9	72.0	71.9	70.9
Sabah	72.6	72.5	72.6	72.5	72.6	72.3	72.0
Sarawak	74.5	74.4	74.6	74.5	72.9	72.6	72.1
Selangor	73.1	73.1	73.4	73.6	75.5	75.1	73.3
Terengganu	68.9	69.1	69.4	69.6	69.1	69.5	69.0
W.P. Kuala Lumpur	74.6	74.4	74.5	74.6	74.1	73.5	71.8
W.P. Labuan	76.2	76.0	76.2	76.3	73.6	73.2	72.4
W.P. Putrajaya	72.6	71.7	72.8	72.5	72.2	72.3	71.9

Nota: ^p Permulaan ^e Anggaran

Notes: Preliminary Estimates

2016-2019: Berdasarkan Banci Penduduk dan Perumahan Malaysia 2010 (Banci 2010)
Based on Population and Housing Census of Malaysia 2010 (Census 2010)

2020-2022: Berdasarkan Banci Penduduk dan Perumahan Malaysia 2020 (Banci 2020)
Based on Population and Housing Census of Malaysia 2020 (Census 2020)

Jadual 1.1: Jangkaan hayat ketika lahir mengikut jantina dan negeri, Malaysia, 2016-2022 (samb.)

Table 1.1: Life expectancy at birth by sex and state, Malaysia, 2016-2022 (cont'd)

Negeri State	2016	2017	2018	2019	2020	2021 ^p	2022 ^e
Perempuan							
<i>Female</i>							
Malaysia	77.0	77.1	77.2	77.4	77.2	77.0	75.8
Johor	76.9	76.9	77.1	77.3	76.9	76.6	75.4
Kedah	75.9	76.0	76.2	76.4	76.1	75.6	73.4
Kelantan	75.1	75.2	75.5	75.8	75.1	74.8	73.3
Melaka	77.2	77.5	77.6	77.8	76.4	76.0	74.8
Negeri Sembilan	76.7	76.8	76.9	77.0	76.4	76.2	74.9
Pahang	76.2	76.3	76.4	76.6	75.7	75.8	75.1
Perak	77.3	77.2	77.3	77.4	76.7	76.8	76.1
Perlis	75.0	74.8	74.8	74.9	75.6	75.8	75.3
Pulau Pinang	77.7	77.7	78.0	78.2	76.7	76.7	75.8
Sabah	76.2	76.3	76.1	76.3	76.4	76.0	75.2
Sarawak	78.3	78.2	78.4	78.4	77.6	77.5	76.9
Selangor	77.4	77.4	77.7	78.0	79.6	79.2	77.5
Terengganu	74.6	74.9	75.2	75.2	74.6	74.5	73.1
W.P. Kuala Lumpur	79.0	79.0	79.3	79.5	79.1	78.3	76.6
W.P. Labuan	78.7	78.7	79.0	79.0	77.3	76.6	76.8
W.P. Putrajaya	72.0	72.6	73.5	74.5	76.7	77.4	77.0

Nota: ^p Permulaan ^e Anggaran

Notes: Preliminary Estimates

2016-2019: Berdasarkan Banci Penduduk dan Perumahan Malaysia 2010 (Banci 2010)

Based on Population and Housing Census of Malaysia 2010 (Census 2010)

2020-2022: Berdasarkan Banci Penduduk dan Perumahan Malaysia 2020 (Banci 2020)

Based on Population and Housing Census of Malaysia 2020 (Census 2020)

Jadual 1.2: Jangkaan hayat ketika lahir mengikut jantina dan kumpulan etnik, Malaysia, 1991-2022

Table 1.2: Life expectancy at birth by sex and ethnic group, Malaysia, 1991-2022

Tahun Year	Jumlah Total	Warganegara Citizen						Bukan Warganegara Non-citizen
		Jumlah ¹ Total ¹	Bumiputera			Cina Chinese	India Indians	
			Jumlah Total	Melayu Malay	Bumiputera Lain Other Bumiputera			
Lelaki dan Perempuan Both sexes								
1991	71.2	71.2	70.8	70.8	70.7	73.4	67.3	70.7
1992	71.5	71.5	71.2	71.2	71.1	73.6	67.7	72.2
1993	71.7	71.7	71.3	71.4	71.2	73.9	68.0	71.7
1994	71.7	71.8	71.4	71.4	71.2	74.1	68.1	69.5
1995	71.8	72.0	71.4	71.4	71.2	74.4	68.4	67.3
1996	71.8	72.0	71.3	71.3	71.6	74.4	68.3	66.9
1997	72.0	72.1	71.4	71.4	71.9	74.6	68.8	68.0
1998	71.8	71.8	71.0	70.8	72.3	74.5	68.7	70.4
1999	71.9	71.9	70.9	70.7	72.2	74.7	69.0	72.9
2000	72.2	72.0	71.1	70.7	72.8	74.8	69.3	75.0
2001	72.8	72.6	71.7	71.3	73.9	75.2	70.1	75.4
2002	72.8	72.6	71.7	71.2	74.0	75.3	70.2	75.6
2003	73.0	72.8	71.9	71.5	74.1	75.4	70.4	75.8
2004	73.3	73.1	72.2	71.8	74.1	75.6	70.8	76.0
2005	73.6	73.4	72.4	72.1	74.1	75.9	71.1	76.2
2006	73.7	73.5	72.5	72.2	74.1	76.1	71.3	76.3
2007	73.7	73.5	72.5	72.2	74.1	76.2	71.3	76.4
2008	73.7	73.5	72.5	72.2	74.2	76.3	71.3	76.4
2009	73.9	73.6	72.7	72.3	74.5	76.4	71.2	76.7
2010	74.1	73.8	73.0	72.6	74.9	76.5	71.4	77.0
2011	74.3	74.0	73.1	72.8	75.0	76.7	71.4	77.3
2012	74.4	74.1	73.3	72.9	75.1	76.9	71.4	77.5
2013	74.5	74.2	73.3	73.1	74.5	77.0	71.5	77.4
2014	74.5	74.2	73.4	73.1	74.7	77.0	71.6	77.5
2015	74.6	74.3	73.4	73.2	74.7	77.1	71.7	77.6
2016	74.4	74.1	73.1	72.9	74.1	77.2	71.8	77.5
2017	74.4	74.0	73.1	72.9	73.9	77.2	71.6	78.3
2018	74.6	74.2	73.3	73.1	74.1	77.4	71.8	78.3
2019	74.8	74.5	73.5	73.4	74.2	77.6	72.1	78.0
2020	74.7	74.3	73.9	73.9	74.2	76.6	71.6	80.5
2021 ^p	74.5	74.1	73.7	73.7	73.6	76.5	71.2	79.5
2022 ^e	73.4	73.1	72.5	72.4	72.8	76.2	69.5	76.7

Nota:
Notes:

2010-2019: Berdasarkan Banci Penduduk dan Perumahan Malaysia 2010 (Banci 2010)
Based on Population and Housing Census of Malaysia 2010 (Census 2010)

2020-2022: Berdasarkan Banci Penduduk dan Perumahan Malaysia 2020 (Banci 2020)
Based on Population and Housing Census of Malaysia 2020 (Census 2020)

^p Permulaan
Preliminary

^e Anggaran
Estimates

Jadual 1.2: Jangkaan hayat ketika lahir mengikut jantina dan kumpulan etnik, Malaysia, 1991-2022 (samb.)

Table 1.2: Life expectancy at birth by sex and ethnic group, Malaysia, 1991-2022 (cont'd)

Tahun Year	Jumlah Total	Warganegara Citizen						Bukan Warganegara Non-citizen
		Jumlah ¹ Total ¹	Bumiputera			Cina Chinese	India Indians	
			Jumlah Total	Melayu Malay	Bumiputera Lain Other Bumiputera			
Lelaki Male								
1991	69.2	69.0	69.4	69.5	68.8	70.7	64.2	71.2
1992	69.4	69.3	69.6	69.7	69.2	70.9	64.4	72.1
1993	69.6	69.5	69.6	69.7	69.3	71.4	64.7	71.1
1994	69.5	69.6	69.6	69.6	69.2	71.6	64.7	68.2
1995	69.5	69.7	69.5	69.5	69.3	71.9	64.9	65.5
1996	69.5	69.7	69.4	69.3	69.7	71.9	64.8	65.0
1997	69.7	69.9	69.5	69.4	70.2	72.2	65.2	66.2
1998	69.5	69.5	69.0	68.7	70.6	72.1	65.1	69.1
1999	69.7	69.5	68.9	68.6	70.5	72.2	65.3	72.0
2000	70.0	69.7	69.0	68.6	71.2	72.4	65.7	74.6
2001	70.6	70.3	69.6	69.1	72.3	72.8	66.6	75.1
2002	70.7	70.4	69.6	69.0	72.5	73.0	66.7	75.4
2003	70.8	70.5	69.7	69.1	72.6	73.2	66.7	75.8
2004	71.1	70.8	70.0	69.5	72.5	73.4	67.1	75.9
2005	71.4	71.0	70.2	69.8	72.4	73.7	67.5	76.1
2006	71.6	71.2	70.3	69.9	72.4	73.9	67.8	76.2
2007	71.6	71.2	70.3	69.8	72.5	74.0	67.7	76.4
2008	71.6	71.1	70.2	69.8	72.5	74.1	67.6	76.4
2009	71.7	71.2	70.4	69.9	72.8	74.2	67.5	76.7
2010	71.9	71.5	70.7	70.2	73.2	74.4	67.6	76.9
2011	72.1	71.6	70.9	70.4	73.3	74.6	67.6	77.2
2012	72.2	71.7	71.0	70.5	73.5	74.8	67.6	77.2
2013	72.3	71.8	71.1	70.6	73.2	74.8	67.7	77.0
2014	72.4	71.9	71.2	70.8	73.1	74.8	67.7	77.1
2015	72.5	72.0	71.2	70.8	73.4	74.9	67.8	77.3
2016	72.1	71.6	70.7	70.3	72.2	74.9	68.0	77.1
2017	72.1	71.5	70.6	70.3	72.0	74.8	67.8	77.9
2018	72.3	71.7	70.9	70.6	72.2	75.0	68.1	77.9
2019	72.5	71.9	71.1	70.9	72.3	75.2	68.4	77.6
2020	72.5	71.9	71.7	71.5	72.3	74.1	68.2	80.2
2021 ^p	72.3	71.7	71.5	71.5	71.6	74.0	67.8	79.2
2022 ^e	71.3	70.8	70.5	70.4	71.0	73.5	66.3	76.4

Nota:
Notes:

2010-2019: Berdasarkan Banci Penduduk dan Perumahan Malaysia 2010 (Banci 2010)
Based on Population and Housing Census of Malaysia 2010 (Census 2010)

2020-2022: Berdasarkan Banci Penduduk dan Perumahan Malaysia 2020 (Banci 2020)
Based on Population and Housing Census of Malaysia 2020 (Census 2020)

^p Permulaan
Preliminary

^e Anggaran
Estimates

Jadual 1.2: Jangkaan hayat ketika lahir mengikut jantina dan kumpulan etnik, Malaysia, 1991-2022 (samb.)

Table 1.2: Life expectancy at birth by sex and ethnic group, Malaysia, 1991-2022 (cont'd)

Tahun Year	Jumlah Total	Warganegara Citizen						Bukan Warganegara Non-citizen
		Jumlah ¹ Total ¹	Bumiputera			Cina Chinese	India Indians	
			Jumlah Total	Melayu Malay	Bumiputera Lain Other Bumiputera			
Perempuan Female								
1991	73.4	73.5	72.3	72.2	73.1	76.4	71.3	70.7
1992	73.8	73.8	72.9	72.8	73.3	76.6	71.8	72.6
1993	74.0	74.0	73.1	73.1	73.5	76.7	72.0	72.6
1994	74.1	74.2	73.2	73.3	73.4	76.8	72.3	71.4
1995	74.3	74.4	73.4	73.4	73.5	77.1	72.4	70.0
1996	74.3	74.4	73.4	73.3	73.7	77.2	72.5	69.6
1997	74.5	74.6	73.5	73.4	73.9	77.3	73.0	70.5
1998	74.3	74.4	73.2	73.0	74.2	77.3	73.0	72.2
1999	74.4	74.4	73.1	73.0	74.2	77.4	73.4	74.2
2000	74.6	74.6	73.3	73.0	74.7	77.6	73.5	75.7
2001	75.1	75.1	73.9	73.6	75.6	77.8	74.1	75.8
2002	75.2	75.1	73.9	73.6	75.6	77.9	74.2	75.9
2003	75.5	75.4	74.2	73.9	75.8	78.1	74.5	76.1
2004	75.8	75.7	74.6	74.4	75.9	78.3	75.0	76.3
2005	76.0	76.0	74.8	74.6	75.9	78.5	75.2	76.5
2006	76.1	76.0	74.9	74.7	75.9	78.7	75.3	76.6
2007	76.2	76.1	74.9	74.7	75.9	78.8	75.4	76.5
2008	76.2	76.1	75.0	74.7	76.0	78.9	75.5	76.6
2009	76.3	76.2	75.1	74.9	76.3	78.9	75.5	76.9
2010	76.6	76.5	75.4	75.2	76.7	79.1	75.7	77.2
2011	76.8	76.6	75.6	75.4	76.8	79.3	75.8	77.6
2012	76.9	76.8	75.7	75.5	76.9	79.6	75.8	77.8
2013	76.9	76.8	75.7	75.7	76.0	79.6	75.8	78.0
2014	77.0	76.9	75.8	75.7	76.5	79.7	75.8	78.0
2015	77.1	76.9	75.9	75.8	76.0	79.8	76.0	78.0
2016	77.0	76.9	75.7	75.6	76.2	80.0	76.0	78.2
2017	77.1	76.9	75.7	75.6	76.1	80.1	75.9	78.9
2018	77.2	77.1	75.9	75.9	76.2	80.2	76.0	78.8
2019	77.4	77.3	76.2	76.1	76.3	80.4	76.1	78.5
2020	77.2	77.1	76.4	76.4	76.3	79.6	75.5	80.8
2021 ^p	77.0	76.8	76.1	76.2	75.7	79.6	75.0	79.8
2022 ^e	75.8	75.6	74.7	74.7	74.9	79.4	73.2	77.1

Nota:
Notes:

¹ Termasuk etnik Lain-lain
Includes Others

^p Permulaan
Preliminary

^e Anggaran
Estimates

2010-2019: Berdasarkan Banci Penduduk dan Perumahan Malaysia 2010 (Banci 2010)
Based on Population and Housing Census of Malaysia 2010 (Census 2010)

2020-2022: Berdasarkan Banci Penduduk dan Perumahan Malaysia 2020 (Banci 2020)
Based on Population and Housing Census of Malaysia 2020 (Census 2020)

Jadual 1.3: Jangkaan hayat mengikut jantina, umur dan kumpulan etnik, Malaysia, 2020

Table 1.3: Life expectancy by sex, age and ethnic group, Malaysia, 2020

Umur <i>Age</i>	Jumlah ¹ <i>Total¹</i>	Bumiputera			Cina <i>Chinese</i>	India <i>Indians</i>
		Jumlah <i>Total</i>	Melayu <i>Malay</i>	Bumiputera Lain <i>Other Bumiputera</i>		
Lelaki <i>Male</i>						
0	72.5	71.7	71.5	72.3	74.1	68.2
1	72.0	71.3	71.1	71.9	73.3	67.5
5	68.1	67.4	67.2	68.1	69.4	63.6
10	63.2	62.4	62.3	63.2	64.4	58.6
15	58.3	57.5	57.4	58.3	59.4	53.7
20	53.5	52.8	52.6	53.5	54.5	49.0
25	48.7	48.1	47.9	48.9	49.7	44.5
30	43.9	43.4	43.2	44.2	44.9	40.0
35	39.2	38.7	38.5	39.7	40.1	35.5
40	34.6	34.2	34.0	35.2	35.3	31.1
45	30.1	29.8	29.6	30.9	30.8	27.0
50	25.8	25.6	25.4	26.8	26.3	23.3
55	21.9	21.7	21.5	22.9	22.2	19.9
60	18.2	18.1	17.8	19.2	18.1	16.6
65	14.8	14.8	14.6	15.7	14.4	13.8
70	11.5	11.5	11.3	12.1	11.2	11.0
75	8.6	8.6	8.4	9.0	8.3	8.4
80+	6.1	6.0	6.0	6.3	6.1	5.6
Perempuan <i>Female</i>						
0	77.2	76.4	76.4	76.3	79.6	75.5
1	76.7	75.9	75.9	75.9	78.9	74.8
5	72.8	72.0	72.0	72.0	74.9	70.8
10	67.9	67.1	67.1	67.2	69.9	65.9
15	62.9	62.1	62.1	62.2	65.0	60.9
20	58.0	57.2	57.2	57.4	60.0	56.1
25	53.1	52.3	52.3	52.5	55.1	51.2
30	48.2	47.5	47.5	47.7	50.1	46.4
35	43.4	42.7	42.6	42.9	45.2	41.6
40	38.6	37.9	37.9	38.1	40.4	36.8
45	33.9	33.3	33.2	33.6	35.6	32.2
50	29.4	28.8	28.7	29.1	30.9	27.7
55	25.0	24.5	24.5	24.9	26.3	23.5
60	20.9	20.5	20.4	20.8	21.9	19.5
65	17.0	16.7	16.6	16.9	17.6	15.9
70	13.3	13.0	13.0	13.1	13.7	12.6
75	9.8	9.7	9.6	9.7	10.1	9.4
80+	7.0	6.9	6.8	6.9	7.3	6.6

Nota: ¹ Termasuk etnik Lain-lain (warganegara) dan bukan warganegara

Notes: Includes Others (citizen) and non-citizen

Jadual 1.4: Jangkaan hayat mengikut jantina, umur dan kumpulan etnik, Malaysia, 2021^P

Table 1.4: Life expectancy by sex, age and ethnic group, Malaysia, 2021^P

Umur <i>Age</i>	Jumlah ¹ <i>Total</i> ¹	Bumiputera			Cina <i>Chinese</i>	India <i>Indians</i>
		Jumlah <i>Total</i>	Melayu <i>Malay</i>	Bumiputera Lain <i>Other Bumiputera</i>		
Lelaki <i>Male</i>						
0	72.3	71.5	71.5	71.6	74.0	67.8
1	71.7	71.0	70.9	71.2	73.3	67.2
5	67.8	67.1	67.0	67.3	69.3	63.3
10	62.9	62.1	62.1	62.4	64.3	58.3
15	57.9	57.2	57.2	57.5	59.4	53.3
20	53.1	52.4	52.4	52.7	54.4	48.6
25	48.3	47.7	47.6	48.0	49.6	44.0
30	43.6	43.0	42.9	43.4	44.8	39.5
35	38.9	38.4	38.3	38.8	40.0	35.0
40	34.3	33.8	33.7	34.4	35.2	30.7
45	29.8	29.5	29.3	30.2	30.6	26.6
50	25.6	25.4	25.2	26.2	26.2	22.9
55	21.7	21.6	21.4	22.4	22.1	19.6
60	18.0	18.0	17.8	18.7	18.1	16.4
65	14.7	14.7	14.6	15.3	14.3	13.7
70	11.5	11.5	11.4	11.8	11.1	11.0
75	8.6	8.6	8.5	8.8	8.4	8.5
80+	6.0	6.0	6.0	6.1	6.1	5.6
Perempuan <i>Female</i>						
0	77.0	76.1	76.2	75.7	79.6	75.0
1	76.4	75.5	75.6	75.3	78.9	74.3
5	72.5	71.6	71.7	71.4	75.0	70.4
10	67.5	66.7	66.7	66.5	70.0	65.4
15	62.6	61.7	61.8	61.6	65.0	60.4
20	57.7	56.8	56.8	56.7	60.1	55.5
25	52.8	51.9	52.0	51.8	55.1	50.7
30	47.9	47.1	47.1	47.0	50.2	45.8
35	43.1	42.3	42.3	42.3	45.3	41.1
40	38.3	37.6	37.6	37.6	40.4	36.4
45	33.7	33.0	33.0	33.0	35.6	31.8
50	29.2	28.6	28.5	28.7	30.9	27.4
55	24.9	24.4	24.3	24.5	26.4	23.3
60	20.8	20.3	20.3	20.4	21.9	19.4
65	16.9	16.6	16.6	16.7	17.7	15.8
70	13.3	13.1	13.1	13.0	13.8	12.6
75	9.9	9.7	9.7	9.6	10.2	9.5
80+	7.0	6.8	6.8	6.8	7.4	6.6

Nota: ¹ Termasuk etnik Lain-lain (warganegara) dan bukan warganegara

Notes: Includes Others (citizen) and non-citizen

^P Permulaan

Preliminary

Jadual 1.5: Jangkaan hayat mengikut jantina, umur dan kumpulan etnik, Malaysia, 2022^e

Table 1.5: Life expectancy by sex, age and ethnic group, Malaysia, 2022^e

Umur <i>Age</i>	Jumlah ¹ <i>Total</i> ¹	Bumiputera			Cina <i>Chinese</i>	India <i>Indians</i>
		Jumlah <i>Total</i>	Melayu <i>Malay</i>	Bumiputera Lain <i>Other Bumiputera</i>		
Lelaki <i>Male</i>						
0	71.3	70.5	70.4	71.0	73.5	66.3
1	70.7	69.9	69.8	70.5	72.8	65.6
5	66.8	66.0	65.9	66.6	68.8	61.7
10	61.9	61.1	60.9	61.7	63.9	56.8
15	56.9	56.1	56.0	56.8	58.9	51.8
20	52.1	51.3	51.2	52.0	54.0	47.0
25	47.3	46.6	46.4	47.3	49.1	42.5
30	42.6	41.9	41.8	42.8	44.3	38.0
35	37.9	37.4	37.2	38.2	39.5	33.6
40	33.3	32.9	32.7	33.8	34.8	29.4
45	28.9	28.6	28.4	29.6	30.2	25.4
50	24.8	24.6	24.4	25.6	25.8	21.8
55	21.0	20.9	20.7	21.8	21.7	18.6
60	17.5	17.4	17.3	18.3	17.8	15.7
65	14.2	14.3	14.1	14.9	14.1	13.0
70	11.2	11.3	11.2	11.6	10.9	10.6
75	8.4	8.4	8.3	8.5	8.3	8.3
80+	5.9	5.8	5.8	6.0	6.0	5.3
Perempuan <i>Female</i>						
0	75.8	74.7	74.7	74.9	79.4	73.2
1	75.2	74.1	74.1	74.4	78.7	72.5
5	71.2	70.2	70.1	70.5	74.8	68.5
10	66.3	65.2	65.2	65.6	69.8	63.6
15	61.3	60.3	60.2	60.7	64.8	58.6
20	56.4	55.4	55.3	55.8	59.9	53.7
25	51.5	50.5	50.4	50.9	54.9	48.9
30	46.7	45.7	45.6	46.1	50.0	44.1
35	41.9	41.0	40.9	41.4	45.1	39.3
40	37.2	36.3	36.2	36.7	40.2	34.7
45	32.6	31.8	31.7	32.2	35.5	30.3
50	28.3	27.5	27.4	28.0	30.8	26.1
55	24.1	23.4	23.3	23.8	26.3	22.1
60	20.1	19.6	19.5	19.9	21.9	18.5
65	16.4	16.0	16.0	16.3	17.6	15.1
70	12.9	12.6	12.6	12.7	13.8	12.1
75	9.6	9.4	9.4	9.4	10.3	9.3
80+	6.8	6.6	6.6	6.6	7.4	6.3

Nota: ¹ Termasuk etnik Lain-lain (warganegara) dan bukan warganegara

Notes: Includes Others (citizen) and non-citizen

^e Anggaran

Estimates

Jadual 1.6: Penakat mengikut jantina dan umur, Malaysia, 2020-2022

Table 1.6: Survivors by sex and age, Malaysia, 2020-2022

Umur Age	2020	2021 ^p	2022 ^e
Lelaki			
<i>Male</i>			
0	100,000	100,000	100,000
1	99,301	99,387	99,407
5	99,177	99,275	99,312
10	99,074	99,184	99,218
15	98,945	99,069	99,116
20	98,594	98,759	98,817
25	98,124	98,318	98,365
30	97,617	97,793	97,775
35	96,976	97,111	96,994
40	96,047	96,119	95,842
45	94,486	94,496	94,047
50	92,004	91,809	90,950
55	88,066	87,671	86,379
60	82,656	81,909	79,865
65	74,950	74,116	71,565
70	65,661	64,509	61,278
75	53,486	52,295	48,964
80+	37,720	37,191	34,480
Perempuan			
<i>Female</i>			
0	100,000	100,000	100,000
1	99,397	99,454	99,470
5	99,290	99,360	99,385
10	99,211	99,291	99,321
15	99,122	99,207	99,233
20	98,997	99,089	99,109
25	98,809	98,907	98,911
30	98,556	98,622	98,555
35	98,208	98,238	98,077
40	97,696	97,665	97,342
45	96,849	96,705	96,151
50	95,466	95,161	94,242
55	93,176	92,697	91,359
60	89,842	89,130	87,150
65	84,735	83,830	81,190
70	77,822	76,731	73,311
75	67,913	66,685	62,748
80+	52,413	52,019	48,441

Nota: ^p Permulaan

Notes: *Preliminary*

^e Anggaran

Estimates

Jadual 1.7: Penakat mengikut jantina, umur dan kumpulan etnik, Malaysia, 2020

Table 1.7: Survivors by sex, age and ethnic group, Malaysia, 2020

Umur <i>Age</i>	Jumlah ¹ <i>Total¹</i>	Bumiputera			Cina <i>Chinese</i>	India <i>Indians</i>
		Jumlah <i>Total</i>	Melayu <i>Malay</i>	Bumiputera Lain <i>Other Bumiputera</i>		
Lelaki <i>Male</i>						
0	100,000	100,000	100,000	100,000	100,000	100,000
1	99,301	99,196	99,214	99,112	99,676	99,455
5	99,177	99,044	99,074	98,900	99,620	99,357
10	99,074	98,921	98,962	98,725	99,569	99,300
15	98,945	98,764	98,806	98,562	99,523	99,177
20	98,594	98,361	98,399	98,180	99,343	98,679
25	98,124	97,772	97,825	97,523	99,056	97,665
30	97,617	97,085	97,157	96,757	98,700	96,515
35	96,976	96,252	96,355	95,788	98,216	95,216
40	96,047	95,122	95,257	94,508	97,511	93,353
45	94,486	93,292	93,501	92,312	96,262	90,481
50	92,004	90,509	90,735	89,453	94,331	86,140
55	88,066	86,380	86,524	85,684	91,179	80,006
60	82,656	80,765	80,805	80,566	86,973	72,670
65	74,950	72,899	72,675	73,943	80,547	62,827
70	65,661	63,880	63,263	66,788	69,902	52,558
75	53,486	51,918	51,139	55,805	56,325	41,322
80+	37,720	36,856	35,905	41,296	37,788	29,921
Perempuan <i>Female</i>						
0	100,000	100,000	100,000	100,000	100,000	100,000
1	99,397	99,305	99,322	99,221	99,708	99,565
5	99,290	99,177	99,207	99,030	99,651	99,482
10	99,211	99,083	99,127	98,867	99,609	99,409
15	99,122	98,979	99,032	98,731	99,565	99,331
20	98,997	98,840	98,901	98,553	99,502	99,151
25	98,809	98,623	98,692	98,300	99,404	98,883
30	98,556	98,326	98,401	97,982	99,260	98,549
35	98,208	97,926	98,014	97,528	99,044	98,084
40	97,696	97,330	97,430	96,874	98,725	97,460
45	96,849	96,335	96,467	95,725	98,202	96,407
50	95,466	94,749	94,908	94,024	97,325	94,639
55	93,176	92,161	92,308	91,487	95,881	91,848
60	89,842	88,504	88,622	87,971	93,703	87,568
65	84,735	82,879	82,904	82,823	90,342	80,973
70	77,822	75,641	75,519	76,359	84,105	71,889
75	67,913	65,503	65,348	66,395	74,466	61,096
80+	52,413	50,106	49,969	50,878	57,872	46,340

Nota: ¹ Termasuk etnik Lain-lain (warganegara) dan bukan warganegara

Notes: Includes Others (citizen) and non-citizen

Jadual 1.8: Penakat mengikut jantina, umur dan kumpulan etnik, Malaysia, 2021^P

Table 1.8: Survivors by sex, age and ethnic group, Malaysia, 2021^P

Umur <i>Age</i>	Jumlah ¹ <i>Total</i> ¹	Bumiputera			Cina <i>Chinese</i>	India <i>Indians</i>
		Jumlah <i>Total</i>	Melayu <i>Malay</i>	Bumiputera Lain <i>Other Bumiputera</i>		
Lelaki						
Male						
0	100,000	100,000	100,000	100,000	100,000	100,000
1	99,387	99,340	99,364	99,208	99,585	99,433
5	99,275	99,204	99,241	99,004	99,531	99,340
10	99,184	99,096	99,142	98,850	99,480	99,292
15	99,069	98,956	99,008	98,684	99,439	99,197
20	98,759	98,598	98,646	98,347	99,292	98,764
25	98,318	98,051	98,120	97,699	99,034	97,802
30	97,793	97,348	97,444	96,883	98,670	96,663
35	97,111	96,461	96,585	95,866	98,191	95,318
40	96,119	95,255	95,421	94,462	97,485	93,346
45	94,496	93,338	93,586	92,130	96,289	90,442
50	91,809	90,302	90,583	88,935	94,265	85,804
55	87,671	85,922	86,163	84,740	91,077	79,370
60	81,909	79,960	80,106	79,235	86,593	71,672
65	74,116	72,049	72,008	72,234	80,169	61,725
70	64,509	62,626	62,221	64,527	69,692	51,043
75	52,295	51,012	50,511	53,515	55,282	39,545
80+	37,191	36,414	35,922	38,796	37,732	29,232
Perempuan						
Female						
0	100,000	100,000	100,000	100,000	100,000	100,000
1	99,454	99,407	99,430	99,281	99,646	99,581
5	99,360	99,296	99,330	99,111	99,594	99,496
10	99,291	99,216	99,263	98,962	99,557	99,431
15	99,207	99,117	99,173	98,829	99,508	99,374
20	99,089	98,983	99,048	98,654	99,456	99,212
25	98,907	98,772	98,846	98,403	99,356	98,946
30	98,622	98,435	98,521	98,015	99,195	98,626
35	98,238	97,989	98,089	97,507	99,000	98,098
40	97,665	97,313	97,429	96,753	98,699	97,354
45	96,705	96,183	96,327	95,486	98,143	96,143
50	95,161	94,400	94,586	93,514	97,244	94,070
55	92,697	91,602	91,780	90,750	95,790	90,968
60	89,130	87,674	87,836	86,900	93,556	86,372
65	83,830	81,782	81,889	81,291	90,235	79,642
70	76,731	74,282	74,257	74,503	84,152	70,276
75	66,685	64,133	64,124	64,248	74,301	58,902
80+	52,019	49,664	49,743	49,338	58,319	45,684

Nota: ¹ Termasuk etnik Lain-lain (warganegara) dan bukan warganegara

Notes: Includes Others (citizen) and non-citizen

^P Permulaan

Preliminary

Jadual 1.9: Penakat mengikut jantina, umur dan kumpulan etnik, Malaysia, 2022^e

Table 1.9: Survivors by sex, age and ethnic group, Malaysia, 2022^e

Umur <i>Age</i>	Jumlah ¹ <i>Total¹</i>	Bumiputera			Cina <i>Chinese</i>	India <i>Indians</i>
		Jumlah <i>Total</i>	Melayu <i>Malay</i>	Bumiputera Lain <i>Other Bumiputera</i>		
Lelaki <i>Male</i>						
0	100,000	100,000	100,000	100,000	100,000	100,000
1	99,407	99,364	99,382	99,245	99,624	99,425
5	99,312	99,256	99,288	99,063	99,558	99,315
10	99,218	99,145	99,187	98,903	99,513	99,250
15	99,116	99,022	99,072	98,746	99,476	99,160
20	98,817	98,673	98,723	98,396	99,354	98,751
25	98,365	98,115	98,177	97,781	99,104	97,789
30	97,775	97,339	97,429	96,892	98,723	96,485
35	96,994	96,322	96,421	95,835	98,236	94,946
40	95,842	94,921	95,048	94,296	97,512	92,576
45	94,047	92,808	92,973	91,992	96,307	89,279
50	90,950	89,294	89,445	88,538	94,086	84,031
55	86,379	84,439	84,505	84,061	90,764	76,693
60	79,865	77,750	77,654	78,116	85,740	68,072
65	71,565	69,376	69,056	70,832	79,009	57,763
70	61,278	59,211	58,483	62,578	68,299	46,347
75	48,964	47,774	46,957	51,725	53,225	34,844
80+	34,480	33,677	33,105	36,462	36,286	25,729
Perempuan <i>Female</i>						
0	100,000	100,000	100,000	100,000	100,000	100,000
1	99,470	99,430	99,451	99,292	99,637	99,599
5	99,385	99,335	99,368	99,135	99,573	99,516
10	99,321	99,263	99,304	99,019	99,530	99,432
15	99,233	99,161	99,210	98,882	99,476	99,380
20	99,109	99,017	99,076	98,699	99,424	99,215
25	98,911	98,786	98,846	98,459	99,324	98,900
30	98,555	98,358	98,431	97,980	99,153	98,500
35	98,077	97,803	97,875	97,425	98,930	97,853
40	97,342	96,926	96,994	96,563	98,635	96,790
45	96,151	95,521	95,581	95,197	98,011	95,151
50	94,242	93,302	93,387	92,853	96,995	92,458
55	91,359	89,996	90,017	89,827	95,475	88,732
60	87,150	85,347	85,299	85,490	93,082	82,900
65	81,190	78,695	78,560	79,252	89,633	75,230
70	73,311	70,276	69,904	72,073	83,450	64,971
75	62,748	59,635	59,248	61,504	73,512	52,966
80+	48,441	45,594	45,377	46,601	58,090	40,887

Nota: ¹ Termasuk etnik Lain-lain (warganegara) dan bukan warganegara

Notes: Includes Others (citizen) and non-citizen

^e Anggaran

Estimates

Jadual 1.10: Jangkaan hayat ketika lahir mengikut kumpulan etnik utama dan jantina, Malaysia, 1957-2022

Table 1.10: Life expectancy at birth by major ethnic group and sex, Malaysia, 1957-2022

Tahun Year	Lelaki dan Perempuan Both sexes	Jumlah ¹ Total ¹		Bumiputera		Cina Chinese		India Indians	
		Lelaki Male	Perempuan Female	Lelaki Male	Perempuan Female	Lelaki Male	Perempuan Female	Lelaki Male	Perempuan Female
1957	..	55.8	58.2	50.2	53.4	59.5	66.7	57.5	54.6
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
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
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
1981	..	66.9	71.2	67.0	69.8	68.6	74.5	62.4	67.4
1982	..	67.1	71.3	67.1	69.7	69.1	74.7	62.6	67.5
1983	..	67.1	71.6	67.2	70.1	69.0	74.9	62.4	67.7
1984	..	67.2	71.8	67.4	70.5	69.2	75.1	62.4	67.9
1985	..	67.7	72.4	67.9	71.2	69.5	75.5	63.0	68.8
1986	..	68.2	72.6	68.3	71.4	70.0	75.7	63.5	69.3
1987	..	68.5	72.9	68.6	71.7	70.3	75.9	64.2	69.4
1988	..	68.7	73.1	68.8	71.9	70.5	76.0	64.3	69.7
1989	..	68.8	73.3	68.8	72.2	70.5	76.2	64.3	69.8
1990	..	68.9	73.5	69.0	72.4	70.6	76.3	64.4	70.4
1991	71.2	69.2	73.4	69.4	72.3	70.7	76.4	64.2	71.3
1992	71.5	69.4	73.8	69.6	72.9	70.9	76.6	64.4	71.8
1993	71.7	69.6	74.0	69.6	73.1	71.4	76.7	64.7	72.0
1994	71.7	69.5	74.1	69.6	73.2	71.6	76.8	64.7	72.3
1995	71.8	69.5	74.3	69.5	73.4	71.9	77.1	64.9	72.4
1996	71.8	69.5	74.3	69.4	73.4	71.9	77.2	64.8	72.5
1997	72.0	69.7	74.5	69.5	73.5	72.2	77.3	65.2	73.0
1998	71.8	69.5	74.3	69.0	73.2	72.1	77.3	65.1	73.0
1999	71.9	69.7	74.4	68.9	73.1	72.2	77.4	65.3	73.4

Nota: Data bagi tahun 1957-1990 adalah merujuk kepada data Semenanjung Malaysia

Notes: Data for year 1957-1990 refers to Peninsular Malaysia

¹ Termasuk etnik Lain-lain (warganegara) dan bukan warganegara
Includes Others (citizen) and non-citizen

.. Data tidak diperoleh
Data not acquired

Jadual 1.10: Jangkaan hayat ketika lahir mengikut kumpulan etnik utama dan jantina, Malaysia, 1957-2022 (samb.)

Table 1.10: Life expectancy at birth by major ethnic group and sex, Malaysia, 1957-2022 (cont'd)

Tahun Year	Lelaki dan Perempuan Both sexes	Jumlah ¹ Total ¹		Bumiputera		Cina Chinese		India Indians	
		Lelaki Male	Perempuan Female	Lelaki Male	Perempuan Female	Lelaki Male	Perempuan Female	Lelaki Male	Perempuan Female
2000	72.2	70.0	74.6	69.0	73.3	72.4	77.6	65.7	73.5
2001	72.8	70.6	75.1	69.6	73.9	72.8	77.8	66.6	74.1
2002	72.8	70.7	75.2	69.6	73.9	73.0	77.9	66.7	74.2
2003	73.0	70.8	75.5	69.7	74.2	73.2	78.1	66.7	74.5
2004	73.3	71.1	75.8	70.0	74.6	73.4	78.3	67.1	75.0
2005	73.6	71.4	76.0	70.2	74.8	73.7	78.5	67.5	75.2
2006	73.7	71.6	76.1	70.3	74.9	73.9	78.7	67.8	75.3
2007	73.7	71.6	76.2	70.3	74.9	74.0	78.8	67.7	75.4
2008	73.7	71.6	76.2	70.2	75.0	74.1	78.9	67.6	75.5
2009	73.9	71.7	76.3	70.4	75.1	74.2	78.9	67.5	75.5
2010	74.1	71.9	76.6	70.7	75.4	74.4	79.1	67.6	75.7
2011	74.3	72.1	76.8	70.9	75.6	74.6	79.3	67.6	75.8
2012	74.4	72.2	76.9	71.0	75.7	74.8	79.6	67.6	75.8
2013	74.5	72.3	76.9	71.1	75.7	74.8	79.6	67.7	75.8
2014	74.5	72.4	77.0	71.2	75.8	74.8	79.7	67.7	75.8
2015	74.6	72.5	77.1	71.2	75.9	74.9	79.8	67.8	76.0
2016	74.4	72.1	77.0	70.7	75.7	74.9	80.0	68.0	76.0
2017	74.4	72.1	77.1	70.6	75.7	74.8	80.1	67.8	75.9
2018	74.6	72.3	77.2	70.9	75.9	75.0	80.2	68.1	76.0
2019	74.8	72.5	77.4	71.1	76.2	75.2	80.4	68.4	76.1
2020	74.7	72.5	77.2	71.7	76.4	74.1	79.6	68.2	75.5
2021 ^p	74.5	72.3	77.0	71.5	76.1	74.0	79.6	67.8	75.0
2022 ^e	73.4	71.3	75.8	70.5	74.7	73.5	79.4	66.3	73.2

Nota: ¹ Termasuk etnik Lain-lain (warganegara) dan bukan warganegara

Notes: Includes Others (citizen) and non-citizen

^p Permulaan

Preliminary

^e Anggaran

Estimates

2010-2019: Berdasarkan Banci Penduduk dan Perumahan Malaysia 2010 (Banci 2010)

Based on Population and Housing Census of Malaysia 2010 (Census 2010)

2020-2022: Berdasarkan Banci Penduduk dan Perumahan Malaysia 2020 (Banci 2020)

Based on Population and Housing Census of Malaysia 2020 (Census 2020)

JADUAL HAYAT RINGKAS

*ABRIDGED LIFE
TABLES*

MALAYSIA



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MALAYSIA

2020



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Jadual 2.1: Jadual hayat ringkas mengikut jantina dan umur, Malaysia, 2020

Table 2.1: Abridged life table by sex and age, Malaysia, 2020

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00652	652	0.00656	100,000	99,393	0.99300 ^a	7,469,765	74.7
1	0.00116	116	0.00029	99,348	397,104	0.99886 ^b	7,370,372	74.2
5	0.00092	91	0.00018	99,232	495,934	0.99899	6,973,268	70.3
10	0.00110	110	0.00022	99,141	495,432	0.99822	6,477,334	65.3
15	0.00246	244	0.00049	99,032	494,548	0.99705	5,981,902	60.4
20	0.00344	340	0.00069	98,788	493,088	0.99628	5,487,354	55.5
25	0.00399	393	0.00080	98,448	491,256	0.99542	4,994,266	50.7
30	0.00517	507	0.00104	98,055	489,007	0.99364	4,503,010	45.9
35	0.00755	736	0.00152	97,548	485,899	0.98988	4,014,003	41.1
40	0.01271	1,230	0.00256	96,812	480,983	0.98341	3,528,103	36.4
45	0.02053	1,962	0.00415	95,582	473,003	0.97302	3,047,120	31.9
50	0.03357	3,143	0.00683	93,620	460,241	0.95888	2,574,117	27.5
55	0.04893	4,427	0.01003	90,477	441,317	0.93825	2,113,876	23.4
60	0.07523	6,474	0.01563	86,050	414,065	0.91146	1,672,559	19.4
65	0.10292	8,190	0.02170	79,576	377,406	0.87195	1,258,494	15.8
70	0.15606	11,140	0.03385	71,386	329,080	0.79614	881,088	12.3
75	0.26049	15,694	0.05990	60,246	261,995	0.52538 ^c	552,008	9.2
80+	1.00000	44,552	0.15362	44,552	290,013	-	290,013	6.5
Lelaki <i>Male</i>								
0	0.00699	699	0.00703	100,000	99,345	0.99251 ^a	7,251,360	72.5
1	0.00125	124	0.00031	99,301	396,910	0.99874 ^b	7,152,016	72.0
5	0.00103	102	0.00021	99,177	495,627	0.99883	6,755,106	68.1
10	0.00130	129	0.00026	99,074	495,049	0.99757	6,259,478	63.2
15	0.00355	351	0.00071	98,945	493,848	0.99584	5,764,429	58.3
20	0.00476	470	0.00095	98,594	491,796	0.99504	5,270,581	53.5
25	0.00517	507	0.00104	98,124	489,355	0.99413	4,778,785	48.7
30	0.00657	641	0.00132	97,617	486,484	0.99193	4,289,430	43.9
35	0.00958	929	0.00193	96,976	482,557	0.98710	3,802,947	39.2
40	0.01626	1,561	0.00328	96,047	476,332	0.97878	3,320,389	34.6
45	0.02626	2,482	0.00532	94,486	466,225	0.96558	2,844,057	30.1
50	0.04280	3,938	0.00875	92,004	450,176	0.94809	2,377,833	25.8
55	0.06143	5,410	0.01268	88,066	426,806	0.92317	1,927,657	21.9
60	0.09323	7,706	0.01956	82,656	394,015	0.89216	1,500,851	18.2
65	0.12394	9,289	0.02643	74,950	351,526	0.84735	1,106,836	14.8
70	0.18542	12,174	0.04087	65,661	297,867	0.76549	755,310	11.5
75	0.29478	15,767	0.06915	53,486	228,014	0.50155 ^c	457,443	8.6
80+	1.00000	37,720	0.16441	37,720	229,429	-	229,429	6.1

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 2.1: Jadual hayat ringkas mengikut jantina dan umur, Malaysia, 2020 (samb.)

Table 2.1: Abridged life table by sex and age, Malaysia, 2020 (cont'd)

Umur <i>Age</i>	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00603	603	0.00607	100,000	99,438	0.99352 ^a	7,724,958	77.2
1	0.00107	106	0.00027	99,397	397,322	0.99898 ^b	7,625,520	76.7
5	0.00080	79	0.00016	99,290	496,253	0.99915	7,228,198	72.8
10	0.00089	89	0.00018	99,211	495,833	0.99892	6,731,945	67.9
15	0.00126	125	0.00025	99,122	495,299	0.99842	6,236,111	62.9
20	0.00190	188	0.00038	98,997	494,517	0.99777	5,740,812	58.0
25	0.00257	253	0.00051	98,809	493,413	0.99695	5,246,296	53.1
30	0.00353	348	0.00071	98,556	491,909	0.99563	4,752,883	48.2
35	0.00521	512	0.00105	98,208	489,758	0.99307	4,260,974	43.4
40	0.00866	846	0.00174	97,696	486,363	0.98854	3,771,216	38.6
45	0.01429	1,384	0.00288	96,849	480,788	0.98090	3,284,853	33.9
50	0.02399	2,290	0.00486	95,466	471,603	0.97019	2,804,066	29.4
55	0.03578	3,334	0.00729	93,176	457,544	0.95388	2,332,462	25.0
60	0.05684	5,107	0.01170	89,842	436,443	0.93115	1,874,918	20.9
65	0.08159	6,913	0.01701	84,735	406,393	0.89651	1,438,475	17.0
70	0.12733	9,909	0.02720	77,822	364,337	0.82565	1,032,082	13.3
75	0.22823	15,500	0.05153	67,913	300,814	0.54951 ^c	667,745	9.8
80+	1.00000	52,413	0.14284	52,413	366,931	-	366,931	7.0

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
Notes: From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 2.1.1: Jadual hayat ringkas bagi etnik Bumiputera mengikut jantina dan umur, Malaysia, 2020

Table 2.1.1: Abridged life table for Bumiputera by sex and age, Malaysia, 2020

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00751	751	0.00756	100,000	99,304	0.99190 ^a	7,390,440	73.9
1	0.00141	140	0.00035	99,249	396,648	0.99863 ^b	7,291,136	73.5
5	0.00110	109	0.00022	99,109	495,273	0.99879	6,894,489	69.6
10	0.00133	132	0.00027	99,000	494,672	0.99794	6,399,216	64.6
15	0.00279	276	0.00056	98,869	493,653	0.99654	5,904,544	59.7
20	0.00413	408	0.00083	98,593	491,944	0.99542	5,410,890	54.9
25	0.00503	494	0.00101	98,185	489,691	0.99433	4,918,946	50.1
30	0.00631	617	0.00127	97,691	486,915	0.99237	4,429,255	45.3
35	0.00895	869	0.00180	97,075	483,201	0.98812	3,942,340	40.6
40	0.01483	1,426	0.00299	96,206	477,463	0.98102	3,459,139	36.0
45	0.02320	2,199	0.00469	94,779	468,400	0.97024	2,981,675	31.5
50	0.03647	3,376	0.00743	92,580	454,462	0.95571	2,513,276	27.1
55	0.05241	4,675	0.01076	89,204	434,334	0.93396	2,058,814	23.1
60	0.08041	6,797	0.01676	84,529	405,652	0.90751	1,624,480	19.2
65	0.10563	8,211	0.02230	77,732	368,132	0.86867	1,218,828	15.7
70	0.16006	11,127	0.03480	69,521	319,787	0.79380	850,696	12.2
75	0.26113	15,248	0.06007	58,394	253,848	0.52186 ^c	530,909	9.1
80+	1.00000	43,145	0.15572	43,145	277,062	-	277,062	6.4
Lelaki <i>Male</i>								
0	0.00804	804	0.00810	100,000	99,249	0.99134 ^a	7,167,213	71.7
1	0.00153	152	0.00038	99,196	396,423	0.99847 ^b	7,067,964	71.3
5	0.00124	123	0.00025	99,044	494,912	0.99858	6,671,542	67.4
10	0.00159	157	0.00032	98,921	494,211	0.99717	6,176,630	62.4
15	0.00408	403	0.00082	98,764	492,812	0.99497	5,682,419	57.5
20	0.00599	589	0.00120	98,361	490,333	0.99349	5,189,606	52.8
25	0.00703	687	0.00141	97,772	487,143	0.99220	4,699,273	48.1
30	0.00858	833	0.00172	97,085	483,343	0.98985	4,212,130	43.4
35	0.01174	1,130	0.00236	96,252	478,436	0.98453	3,728,787	38.7
40	0.01924	1,830	0.00389	95,122	471,036	0.97552	3,250,351	34.2
45	0.02983	2,783	0.00606	93,292	459,502	0.96239	2,779,315	29.8
50	0.04562	4,129	0.00934	90,509	442,223	0.94492	2,319,813	25.6
55	0.06500	5,615	0.01344	86,380	417,863	0.91934	1,877,590	21.7
60	0.09740	7,867	0.02048	80,765	384,160	0.89012	1,459,727	18.1
65	0.12371	9,018	0.02637	72,899	341,948	0.84661	1,075,567	14.8
70	0.18726	11,962	0.04132	63,880	289,496	0.76663	733,619	11.5
75	0.29011	15,062	0.06787	51,918	221,936	0.50028 ^c	444,124	8.6
80+	1.00000	36,856	0.16588	36,856	222,188	-	222,188	6.0

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 2.1.1: Jadual hayat ringkas bagi etnik Bumiputera mengikut jantina dan umur, Malaysia, 2020 (samb.)

Table 2.1.1: Abridged life table for Bumiputera by sex and age, Malaysia, 2020 (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00695	695	0.00700	100,000	99,354	0.99251 ^a	7,637,418	76.4
1	0.00129	128	0.00032	99,305	396,901	0.99878 ^b	7,538,064	75.9
5	0.00094	93	0.00019	99,177	495,650	0.99900	7,141,163	72.0
10	0.00105	104	0.00021	99,083	495,157	0.99877	6,645,513	67.1
15	0.00141	139	0.00028	98,979	494,548	0.99820	6,150,356	62.1
20	0.00220	217	0.00044	98,840	493,657	0.99740	5,655,808	57.2
25	0.00301	297	0.00060	98,623	492,371	0.99646	5,162,151	52.3
30	0.00406	399	0.00081	98,326	490,630	0.99492	4,669,780	47.5
35	0.00609	597	0.00122	97,926	488,140	0.99185	4,179,150	42.7
40	0.01022	995	0.00206	97,330	484,161	0.98668	3,691,010	37.9
45	0.01646	1,585	0.00332	96,335	477,710	0.97816	3,206,849	33.3
50	0.02732	2,589	0.00554	94,749	467,275	0.96658	2,729,139	28.8
55	0.03968	3,657	0.00810	92,161	451,661	0.94863	2,261,865	24.5
60	0.06355	5,624	0.01313	88,504	428,457	0.92495	1,810,204	20.5
65	0.08734	7,238	0.01826	82,879	396,301	0.89038	1,381,747	16.7
70	0.13403	10,138	0.02873	75,641	352,860	0.81909	985,446	13.0
75	0.23505	15,396	0.05327	65,503	289,024	0.54311 ^c	632,586	9.7
80+	1.00000	50,106	0.14584	50,106	343,563	-	343,563	6.9

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 2.1.2: Jadual hayat ringkas bagi etnik Melayu mengikut jantina dan umur, Malaysia, 2020

Table 2.1.2: Abridged life table for Malay by sex and age, Malaysia, 2020

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00733	733	0.00738	100,000	99,320	0.99214 ^a	7,385,019	73.9
1	0.00129	128	0.00032	99,267	396,750	0.99876 ^b	7,285,699	73.4
5	0.00097	96	0.00019	99,139	495,454	0.99887	6,888,949	69.5
10	0.00128	127	0.00026	99,043	494,897	0.99797	6,393,495	64.6
15	0.00278	275	0.00056	98,916	493,893	0.99660	5,898,598	59.6
20	0.00402	397	0.00081	98,641	492,215	0.99554	5,404,705	54.8
25	0.00490	482	0.00098	98,245	490,019	0.99450	4,912,490	50.0
30	0.00610	596	0.00122	97,763	487,325	0.99260	4,422,471	45.2
35	0.00871	846	0.00175	97,167	483,720	0.98853	3,935,146	40.5
40	0.01426	1,374	0.00287	96,321	478,170	0.98142	3,451,426	35.8
45	0.02295	2,180	0.00464	94,947	469,288	0.97017	2,973,256	31.3
50	0.03687	3,420	0.00751	92,768	455,288	0.95518	2,503,968	27.0
55	0.05307	4,742	0.01090	89,347	434,883	0.93268	2,048,680	22.9
60	0.08237	6,969	0.01718	84,606	405,606	0.90481	1,613,798	19.1
65	0.10917	8,476	0.02309	77,637	366,995	0.86573	1,208,192	15.6
70	0.16245	11,236	0.03536	69,161	317,717	0.79104	841,197	12.2
75	0.26449	15,321	0.06096	57,926	251,327	0.51989 ^c	523,479	9.0
80+	1.00000	42,605	0.15655	42,605	272,153	-	272,153	6.4
Lelaki <i>Male</i>								
0	0.00786	786	0.00792	100,000	99,265	0.99158 ^a	7,154,566	71.5
1	0.00141	140	0.00035	99,214	396,523	0.99859 ^b	7,055,301	71.1
5	0.00114	112	0.00023	99,074	495,089	0.99865	6,658,777	67.2
10	0.00157	156	0.00031	98,962	494,418	0.99716	6,163,689	62.3
15	0.00412	407	0.00083	98,806	493,012	0.99503	5,669,270	57.4
20	0.00583	574	0.00117	98,399	490,560	0.99367	5,176,259	52.6
25	0.00683	668	0.00137	97,825	487,457	0.99246	4,685,699	47.9
30	0.00826	803	0.00166	97,157	483,780	0.99018	4,198,242	43.2
35	0.01139	1,097	0.00229	96,355	479,030	0.98511	3,714,462	38.5
40	0.01844	1,756	0.00372	95,257	471,896	0.97604	3,235,432	34.0
45	0.02958	2,766	0.00601	93,501	460,591	0.96213	2,763,536	29.6
50	0.04642	4,212	0.00950	90,735	443,147	0.94398	2,302,945	25.4
55	0.06609	5,718	0.01367	86,524	418,323	0.91724	1,859,797	21.5
60	0.10062	8,131	0.02119	80,805	383,700	0.88570	1,441,475	17.8
65	0.12950	9,412	0.02769	72,675	339,845	0.84157	1,057,774	14.6
70	0.19165	12,124	0.04239	63,263	286,005	0.76086	717,929	11.3
75	0.29790	15,234	0.07001	51,139	217,608	0.49619 ^c	431,924	8.4
80+	1.00000	35,905	0.16753	35,905	214,316	-	214,316	6.0

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 2.1.2: Jadual hayat ringkas bagi etnik Melayu mengikut jantina dan umur, Malaysia, 2020 (samb.)

Table 2.1.2: Abridged life table for Malay by sex and age, Malaysia, 2020 (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00678	678	0.00682	100,000	99,370	0.99274 ^a	7,639,855	76.4
1	0.00116	116	0.00029	99,322	397,002	0.99892 ^b	7,540,485	75.9
5	0.00080	79	0.00016	99,207	495,835	0.99912	7,143,483	72.0
10	0.00096	95	0.00019	99,127	495,399	0.99886	6,647,648	67.1
15	0.00132	131	0.00026	99,032	494,833	0.99828	6,152,249	62.1
20	0.00211	209	0.00042	98,901	493,983	0.99747	5,657,417	57.2
25	0.00295	291	0.00059	98,692	492,733	0.99656	5,163,433	52.3
30	0.00393	387	0.00079	98,401	491,036	0.99505	4,670,700	47.5
35	0.00596	584	0.00120	98,014	488,608	0.99209	4,179,664	42.6
40	0.00988	963	0.00199	97,430	484,741	0.98699	3,691,056	37.9
45	0.01616	1,559	0.00326	96,467	478,437	0.97827	3,206,314	33.2
50	0.02740	2,600	0.00556	94,908	468,039	0.96642	2,727,877	28.7
55	0.03994	3,686	0.00815	92,308	452,323	0.94802	2,259,838	24.5
60	0.06452	5,718	0.01333	88,622	428,813	0.92361	1,807,514	20.4
65	0.08907	7,385	0.01865	82,904	396,056	0.88918	1,378,702	16.6
70	0.13468	10,171	0.02888	75,519	352,167	0.81862	982,645	13.0
75	0.23534	15,379	0.05335	65,348	288,291	0.54274 ^c	630,478	9.6
80+	1.00000	49,969	0.14603	49,969	342,187	-	342,187	6.8

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 2.1.3: Jadual hayat ringkas bagi etnik Bumiputera Lain mengikut jantina dan umur, Malaysia, 2020

Table 2.1.3: Abridged life table for Other Bumiputera by sex and age, Malaysia, 2020

Umur <i>Age</i>	Kebangkitan mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakutan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	${}_nq_x$	${}_nd_x$	${}_nm_x$	l_x	${}_nL_x$	${}_nS_x$	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00835	835	0.00841	100,000	99,228	0.99077 ^a	7,420,146	74.2
1	0.00204	202	0.00051	99,165	396,157	0.99799 ^b	7,320,918	73.8
5	0.00171	169	0.00034	98,963	494,391	0.99839	6,924,761	70.0
10	0.00152	150	0.00030	98,793	493,592	0.99781	6,430,371	65.1
15	0.00285	282	0.00057	98,643	492,513	0.99626	5,936,778	60.2
20	0.00464	456	0.00093	98,362	490,669	0.99492	5,444,265	55.3
25	0.00553	542	0.00111	97,906	488,175	0.99359	4,953,595	50.6
30	0.00729	710	0.00146	97,364	485,047	0.99133	4,465,420	45.9
35	0.01006	972	0.00202	96,654	480,841	0.98621	3,980,373	41.2
40	0.01757	1,681	0.00354	95,682	474,208	0.97909	3,499,532	36.6
45	0.02432	2,286	0.00492	94,001	464,290	0.97057	3,025,325	32.2
50	0.03467	3,179	0.00706	91,715	450,626	0.95820	2,561,035	27.9
55	0.04919	4,355	0.01009	88,535	431,789	0.94029	2,110,409	23.8
60	0.07077	5,957	0.01467	84,180	406,007	0.92093	1,678,620	19.9
65	0.08800	6,884	0.01841	78,223	373,905	0.88369	1,272,612	16.3
70	0.14736	10,512	0.03182	71,339	330,415	0.80678	898,707	12.6
75	0.24702	15,025	0.05637	60,827	266,571	0.53093 ^c	568,293	9.3
80+	1.00000	45,802	0.15180	45,802	301,722	-	301,722	6.6
Lelaki <i>Male</i>								
0	0.00888	888	0.00895	100,000	99,173	0.99024 ^a	7,228,990	72.3
1	0.00214	212	0.00054	99,112	395,946	0.99787 ^b	7,129,817	71.9
5	0.00178	176	0.00036	98,900	494,062	0.99829	6,733,871	68.1
10	0.00165	163	0.00033	98,725	493,215	0.99724	6,239,810	63.2
15	0.00387	382	0.00078	98,562	491,854	0.99472	5,746,595	58.3
20	0.00669	657	0.00134	98,180	489,257	0.99273	5,254,741	53.5
25	0.00786	766	0.00158	97,523	485,699	0.99107	4,765,483	48.9
30	0.01001	969	0.00201	96,757	481,361	0.98832	4,279,784	44.2
35	0.01336	1,279	0.00269	95,788	475,740	0.98174	3,798,423	39.7
40	0.02324	2,196	0.00470	94,508	467,051	0.97294	3,322,682	35.2
45	0.03098	2,859	0.00629	92,312	454,412	0.96353	2,855,631	30.9
50	0.04213	3,769	0.00861	89,453	437,841	0.94926	2,401,219	26.8
55	0.05973	5,118	0.01231	85,684	415,625	0.92938	1,963,378	22.9
60	0.08220	6,623	0.01715	80,566	386,274	0.91083	1,547,753	19.2
65	0.09677	7,155	0.02034	73,943	351,829	0.87111	1,161,479	15.7
70	0.16445	10,984	0.03584	66,788	306,482	0.79206	809,650	12.1
75	0.25999	14,508	0.05977	55,805	242,752	0.51755 ^c	503,167	9.0
80+	1.00000	41,296	0.15858	41,296	260,415	-	260,415	6.3

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
Notes: ^a From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 2.1.3: Jadual hayat ringkas bagi etnik Bumiputera Lain mengikut jantina dan umur, Malaysia, 2020 (samb.)

Table 2.1.3: Abridged life table for Other Bumiputera by sex and age, Malaysia, 2020 (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00779	779	0.00784	100,000	99,278	0.99137 ^a	7,629,852	76.3
1	0.00193	192	0.00048	99,221	396,409	0.99809 ^b	7,530,574	75.9
5	0.00164	163	0.00033	99,030	494,742	0.99849	7,134,165	72.0
10	0.00138	136	0.00028	98,867	493,994	0.99841	6,639,424	67.2
15	0.00180	177	0.00036	98,731	493,210	0.99782	6,145,430	62.2
20	0.00257	253	0.00051	98,553	492,133	0.99710	5,652,220	57.4
25	0.00324	318	0.00065	98,300	490,704	0.99607	5,160,086	52.5
30	0.00463	454	0.00093	97,982	488,773	0.99434	4,669,383	47.7
35	0.00670	654	0.00134	97,528	486,004	0.99073	4,180,610	42.9
40	0.01186	1,149	0.00239	96,874	481,498	0.98520	3,694,606	38.1
45	0.01777	1,701	0.00359	95,725	474,374	0.97767	3,213,108	33.6
50	0.02698	2,537	0.00547	94,024	463,779	0.96737	2,738,734	29.1
55	0.03843	3,516	0.00784	91,487	448,645	0.95172	2,274,956	24.9
60	0.05852	5,148	0.01206	87,971	426,985	0.93202	1,826,311	20.8
65	0.07804	6,464	0.01624	82,823	397,956	0.89680	1,399,326	16.9
70	0.13050	9,965	0.02792	76,359	356,886	0.82150	1,001,370	13.1
75	0.23371	15,517	0.05293	66,395	293,181	0.54509 ^c	644,484	9.7
80+	1.00000	50,878	0.14483	50,878	351,303	-	351,303	6.9

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 2.1.4: Jadual hayat ringkas bagi etnik Cina mengikut jantina dan umur, Malaysia, 2020

Table 2.1.4: Abridged life table for Chinese by sex and age, Malaysia, 2020

Umur <i>Age</i>	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00308	308	0.00309	100,000	99,710	0.99667 ^a	7,659,374	76.6
1	0.00057	57	0.00014	99,692	398,627	0.99944 ^b	7,559,664	75.8
5	0.00047	47	0.00009	99,635	498,060	0.99954	7,161,037	71.9
10	0.00045	45	0.00009	99,589	497,831	0.99915	6,662,977	66.9
15	0.00125	124	0.00025	99,544	497,408	0.99839	6,165,146	61.9
20	0.00197	196	0.00039	99,419	496,608	0.99775	5,667,738	57.0
25	0.00254	252	0.00051	99,224	495,490	0.99697	5,171,130	52.1
30	0.00353	350	0.00071	98,972	493,987	0.99562	4,675,639	47.2
35	0.00522	515	0.00105	98,623	491,826	0.99281	4,181,652	42.4
40	0.00917	900	0.00184	98,108	488,289	0.98808	3,689,826	37.6
45	0.01469	1,428	0.00296	97,208	482,469	0.98055	3,201,538	32.9
50	0.02428	2,326	0.00492	95,780	473,085	0.97045	2,719,069	28.4
55	0.03496	3,267	0.00712	93,454	459,104	0.95500	2,245,984	24.0
60	0.05542	4,998	0.01140	90,187	438,442	0.92243	1,786,880	19.8
65	0.10103	8,607	0.02128	85,190	404,431	0.87352	1,348,437	15.8
70	0.15478	11,854	0.03355	76,583	353,280	0.78964	944,006	12.3
75	0.27611	17,873	0.06407	64,729	278,964	0.52776 ^c	590,726	9.1
80+	1.00000	46,857	0.15030	46,857	311,762	-	311,762	6.7
Lelaki <i>Male</i>								
0	0.00324	324	0.00325	100,000	99,693	0.99653 ^a	7,408,975	74.1
1	0.00056	56	0.00014	99,676	398,573	0.99942 ^b	7,309,282	73.3
5	0.00051	51	0.00010	99,620	497,974	0.99951	6,910,709	69.4
10	0.00046	46	0.00009	99,569	497,731	0.99886	6,412,735	64.4
15	0.00181	180	0.00036	99,523	497,165	0.99765	5,915,005	59.4
20	0.00289	287	0.00058	99,343	495,996	0.99676	5,417,840	54.5
25	0.00359	356	0.00072	99,056	494,389	0.99576	4,921,843	49.7
30	0.00490	484	0.00098	98,700	492,291	0.99396	4,427,454	44.9
35	0.00718	705	0.00144	98,216	489,319	0.99001	3,935,164	40.1
40	0.01281	1,250	0.00258	97,511	484,432	0.98359	3,445,845	35.3
45	0.02006	1,931	0.00405	96,262	476,481	0.97333	2,961,413	30.8
50	0.03341	3,152	0.00680	94,331	463,773	0.96034	2,484,932	26.3
55	0.04612	4,205	0.00944	91,179	445,380	0.94032	2,021,159	22.2
60	0.07389	6,427	0.01535	86,973	418,800	0.89809	1,575,779	18.1
65	0.13215	10,644	0.02830	80,547	376,122	0.83901	1,156,979	14.4
70	0.19423	13,577	0.04302	69,902	315,569	0.74558	780,857	11.2
75	0.32911	18,537	0.07879	56,325	235,283	0.49433 ^c	465,288	8.3
80+	1.00000	37,788	0.16429	37,788	230,005	-	230,005	6.1

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 2.1.4: Jadual hayat ringkas bagi etnik Cina mengikut jantina dan umur, Malaysia, 2020 (samb.)

Table 2.1.4: Abridged life table for Chinese by sex and age, Malaysia, 2020 (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00292	292	0.00293	100,000	99,725	0.99683 ^a	7,962,780	79.6
1	0.00058	57	0.00014	99,708	398,690	0.99947 ^b	7,863,055	78.9
5	0.00042	42	0.00008	99,651	498,148	0.99957	7,464,365	74.9
10	0.00044	44	0.00009	99,609	497,934	0.99946	6,966,217	69.9
15	0.00064	63	0.00013	99,565	497,667	0.99919	6,468,283	65.0
20	0.00098	97	0.00020	99,502	497,265	0.99878	5,970,616	60.0
25	0.00145	144	0.00029	99,404	496,660	0.99819	5,473,351	55.1
30	0.00218	216	0.00044	99,260	495,759	0.99730	4,976,691	50.1
35	0.00322	319	0.00064	99,044	494,421	0.99574	4,480,932	45.2
40	0.00530	523	0.00106	98,725	492,317	0.99289	3,986,510	40.4
45	0.00893	877	0.00179	98,202	488,817	0.98813	3,494,193	35.6
50	0.01484	1,444	0.00299	97,325	483,014	0.98125	3,005,376	30.9
55	0.02272	2,178	0.00460	95,881	473,959	0.97078	2,522,362	26.3
60	0.03587	3,361	0.00730	93,703	460,112	0.94785	2,048,403	21.9
65	0.06904	6,237	0.01430	90,342	436,117	0.90899	1,588,291	17.6
70	0.11460	9,639	0.02431	84,105	396,427	0.83457	1,152,174	13.7
75	0.22284	16,594	0.05016	74,466	330,846	0.56223 ^c	755,746	10.1
80+	1.00000	57,872	0.13620	57,872	424,900	-	424,900	7.3

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 2.1.5: Jadual hayat ringkas bagi etnik India mengikut jantina dan umur, Malaysia, 2020

Table 2.1.5: Abridged life table for Indians by sex and age, Malaysia, 2020

Umur Age	Kebbarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00490	490	0.00492	100,000	99,542	0.99471 ^a	7,158,145	71.6
1	0.00091	90	0.00023	99,510	397,815	0.99916 ^b	7,058,603	70.9
5	0.00065	64	0.00013	99,419	496,937	0.99917	6,660,788	67.0
10	0.00102	102	0.00021	99,355	496,522	0.99774	6,163,852	62.0
15	0.00349	346	0.00070	99,253	495,402	0.99495	5,667,330	57.1
20	0.00662	655	0.00133	98,907	492,900	0.99289	5,171,928	52.3
25	0.00760	746	0.00153	98,253	489,397	0.99163	4,679,028	47.6
30	0.00915	892	0.00184	97,506	485,301	0.98885	4,189,631	43.0
35	0.01318	1,273	0.00265	96,614	479,889	0.98287	3,704,330	38.3
40	0.02114	2,016	0.00427	95,341	471,667	0.97290	3,224,441	33.8
45	0.03320	3,098	0.00675	93,326	458,883	0.95840	2,752,774	29.5
50	0.05028	4,537	0.01032	90,228	439,795	0.94056	2,293,891	25.4
55	0.06909	5,920	0.01431	85,691	413,652	0.91404	1,854,096	21.6
60	0.10407	8,302	0.02196	79,770	378,097	0.88046	1,440,444	18.1
65	0.13681	9,777	0.02937	71,468	332,899	0.84334	1,062,347	14.9
70	0.17967	11,084	0.03948	61,691	280,746	0.78528	729,448	11.8
75	0.25745	13,029	0.05910	50,607	220,464	0.50866 ^c	448,702	8.9
80+	1.00000	37,578	0.16465	37,578	228,238	-	228,238	6.1
Lelaki <i>Male</i>								
0	0.00545	545	0.00548	100,000	99,487	0.99415 ^a	6,817,231	68.2
1	0.00099	98	0.00025	99,455	397,588	0.99913 ^b	6,717,744	67.5
5	0.00057	56	0.00011	99,357	496,642	0.99909	6,320,156	63.6
10	0.00124	124	0.00025	99,300	496,192	0.99687	5,823,514	58.6
15	0.00502	498	0.00101	99,177	494,638	0.99236	5,327,321	53.7
20	0.01028	1,014	0.00207	98,679	490,858	0.98898	4,832,683	49.0
25	0.01177	1,149	0.00237	97,665	485,449	0.98739	4,341,825	44.5
30	0.01346	1,299	0.00271	96,515	479,329	0.98351	3,856,376	40.0
35	0.01957	1,863	0.00395	95,216	471,423	0.97489	3,377,047	35.5
40	0.03076	2,872	0.00625	93,353	459,585	0.96076	2,905,624	31.1
45	0.04798	4,341	0.00983	90,481	441,553	0.94069	2,446,038	27.0
50	0.07121	6,134	0.01477	86,140	415,366	0.91893	2,004,485	23.3
55	0.09170	7,337	0.01922	80,006	381,691	0.88748	1,589,119	19.9
60	0.13544	9,843	0.02906	72,670	338,742	0.85157	1,207,428	16.6
65	0.16345	10,269	0.03560	62,827	288,463	0.81363	868,686	13.8
70	0.21377	11,236	0.04787	52,558	234,701	0.75888	580,223	11.0
75	0.27591	11,401	0.06401	41,322	178,110	0.48452 ^c	345,522	8.4
80+	1.00000	29,921	0.17873	29,921	167,413	-	167,413	5.6

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 2.1.5: Jadual hayat ringkas bagi etnik India mengikut jantina dan umur, Malaysia, 2020 (samb.)

Table 2.1.5: Abridged life table for Indians by sex and age, Malaysia, 2020 (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00435	435	0.00437	100,000	99,592	0.99529 ^a	7,545,460	75.5
1	0.00083	83	0.00021	99,565	398,053	0.99916 ^b	7,445,868	74.8
5	0.00073	72	0.00015	99,482	497,228	0.99924	7,047,815	70.8
10	0.00079	79	0.00016	99,409	496,850	0.99870	6,550,587	65.9
15	0.00181	180	0.00036	99,331	496,204	0.99774	6,053,736	60.9
20	0.00270	268	0.00054	99,151	495,084	0.99696	5,557,533	56.1
25	0.00338	334	0.00068	98,883	493,580	0.99595	5,062,448	51.2
30	0.00472	465	0.00095	98,549	491,583	0.99446	4,568,869	46.4
35	0.00637	625	0.00128	98,084	488,860	0.99142	4,077,286	41.6
40	0.01080	1,053	0.00217	97,460	484,666	0.98545	3,588,426	36.8
45	0.01833	1,767	0.00370	96,407	477,615	0.97614	3,103,760	32.2
50	0.02950	2,792	0.00599	94,639	466,217	0.96208	2,626,145	27.7
55	0.04659	4,279	0.00954	91,848	448,540	0.93939	2,159,928	23.5
60	0.07531	6,595	0.01565	87,568	421,354	0.90697	1,711,388	19.5
65	0.11219	9,085	0.02377	80,973	382,155	0.86997	1,290,034	15.9
70	0.15013	10,793	0.03246	71,889	332,462	0.80788	907,880	12.6
75	0.24152	14,756	0.05494	61,096	268,590	0.53323 ^c	575,418	9.4
80+	1.00000	46,340	0.15103	46,340	306,828	-	306,828	6.6

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 2.1.6: Jadual hayat ringkas bagi etnik Lain-lain ¹ mengikut jantina dan umur, Malaysia, 2020

Table 2.1.6: Abridged life table for Others ¹ by sex and age, Malaysia, 2020

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00389	389	0.00390	100,000	99,635	0.99593 ^a	7,867,557	78.7
1	0.00047	46	0.00012	99,611	398,329	0.99939 ^b	7,767,922	78.0
5	0.00065	64	0.00013	99,565	497,663	0.99924	7,369,592	74.0
10	0.00088	87	0.00018	99,500	497,284	0.99896	6,871,929	69.1
15	0.00120	119	0.00024	99,413	496,767	0.99901	6,374,645	64.1
20	0.00078	78	0.00016	99,294	496,275	0.99924	5,877,879	59.2
25	0.00073	72	0.00015	99,216	495,900	0.99919	5,381,604	54.2
30	0.00089	88	0.00018	99,144	495,499	0.99893	4,885,704	49.3
35	0.00125	123	0.00025	99,056	494,969	0.99825	4,390,205	44.3
40	0.00225	223	0.00045	98,932	494,104	0.99561	3,895,236	39.4
45	0.00653	645	0.00131	98,709	491,934	0.98454	3,401,132	34.5
50	0.02444	2,396	0.00495	98,064	484,331	0.95830	2,909,198	29.7
55	0.05939	5,682	0.01224	95,668	464,135	0.92135	2,424,867	25.3
60	0.09912	8,919	0.02086	89,986	427,631	0.92562	1,960,732	21.8
65	0.04693	3,804	0.00961	81,067	395,822	0.93491	1,533,101	18.9
70	0.08415	6,502	0.01757	77,262	370,058	0.87934	1,137,279	14.7
75	0.16052	11,358	0.03491	70,761	325,408	0.57586 ^c	767,221	10.8
80+	1.00000	59,402	0.13445	59,402	441,814	-	441,814	7.4
Lelaki <i>Male</i>								
0	0.00414	414	0.00415	100,000	99,609	0.99566 ^a	7,825,475	78.3
1	0.00053	53	0.00013	99,586	398,220	0.99927 ^b	7,725,867	77.6
5	0.00081	81	0.00016	99,533	497,464	0.99911	7,327,647	73.6
10	0.00096	96	0.00019	99,453	497,023	0.99878	6,830,183	68.7
15	0.00148	147	0.00030	99,357	496,415	0.99890	6,333,160	63.7
20	0.00072	71	0.00014	99,209	495,868	0.99934	5,836,745	58.8
25	0.00059	59	0.00012	99,138	495,543	0.99934	5,340,877	53.9
30	0.00073	73	0.00015	99,079	495,214	0.99913	4,845,334	48.9
35	0.00100	99	0.00020	99,006	494,786	0.99859	4,350,120	43.9
40	0.00183	181	0.00037	98,908	494,088	0.99632	3,855,334	39.0
45	0.00554	547	0.00111	98,727	492,270	0.98519	3,361,247	34.0
50	0.02413	2,369	0.00488	98,181	484,980	0.95630	2,868,977	29.2
55	0.06374	6,107	0.01317	95,812	463,789	0.91621	2,383,997	24.9
60	0.10521	9,438	0.02221	89,704	424,926	0.91865	1,920,208	21.4
65	0.05470	4,390	0.01125	80,267	390,357	0.92947	1,495,281	18.6
70	0.08728	6,622	0.01825	75,876	362,826	0.87563	1,104,924	14.6
75	0.16501	11,428	0.03597	69,254	317,701	0.57189 ^c	742,098	10.7
80+	1.00000	57,826	0.13626	57,826	424,397	-	424,397	7.3

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

¹ Termasuk bukan warganegara
Includes non-citizen

Jadual 2.1.6: Jadual hayat ringkas bagi etnik Lain-lain ¹ mengikut jantina dan umur, Malaysia, 2020 (samb.)

Table 2.1.6: Abridged life table for Others ¹ by sex and age, Malaysia, 2020 (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00361	361	0.00362	100,000	99,661	0.99624 ^a	7,920,682	79.2
1	0.00039	39	0.00010	99,639	398,459	0.99953 ^b	7,821,020	78.5
5	0.00046	46	0.00009	99,600	497,885	0.99938	7,422,561	74.5
10	0.00078	78	0.00016	99,554	497,575	0.99923	6,924,676	69.6
15	0.00076	75	0.00015	99,476	497,191	0.99916	6,427,101	64.6
20	0.00093	92	0.00019	99,400	496,772	0.99896	5,929,911	59.7
25	0.00115	114	0.00023	99,308	496,256	0.99872	5,433,139	54.7
30	0.00141	140	0.00028	99,194	495,622	0.99830	4,936,883	49.8
35	0.00199	197	0.00040	99,055	494,779	0.99731	4,441,261	44.8
40	0.00338	334	0.00068	98,857	493,450	0.99389	3,946,482	39.9
45	0.00886	873	0.00178	98,523	490,433	0.98309	3,453,031	35.0
50	0.02504	2,445	0.00507	97,650	482,139	0.96182	2,962,598	30.3
55	0.05166	4,918	0.01061	95,205	463,731	0.93064	2,480,459	26.1
60	0.08802	7,947	0.01841	90,287	431,568	0.93566	2,016,728	22.3
65	0.03837	3,159	0.00782	82,340	403,802	0.94103	1,585,160	19.3
70	0.08040	6,366	0.01675	79,181	379,989	0.88373	1,181,358	14.9
75	0.15529	11,307	0.03367	72,815	335,806	0.58096 ^c	801,369	11.0
80+	1.00000	61,507	0.13211	61,507	465,563	-	465,563	7.6

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4

Notes: From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9

From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

¹ Termasuk bukan warganegara
Includes non-citizen

MALAYSIA

2021^p



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Jadual 2.2: Jadual hayat ringkas mengikut jantina dan umur, Malaysia, 2021 ^p

Table 2.2: Abridged life table by sex and age, Malaysia, 2021 ^p

Umur Age	Kebbarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00581	581	0.00584	100,000	99,459	0.99376 ^a	7,445,612	74.5
1	0.00103	103	0.00026	99,419	397,422	0.99900 ^b	7,346,153	73.9
5	0.00081	80	0.00016	99,317	496,382	0.99909	6,948,732	70.0
10	0.00101	100	0.00020	99,236	495,930	0.99839	6,452,350	65.0
15	0.00221	219	0.00044	99,136	495,133	0.99727	5,956,420	60.1
20	0.00325	322	0.00065	98,917	493,781	0.99626	5,461,287	55.2
25	0.00423	417	0.00085	98,595	491,934	0.99511	4,967,506	50.4
30	0.00555	545	0.00111	98,178	489,531	0.99315	4,475,572	45.6
35	0.00816	796	0.00164	97,634	486,178	0.98914	3,986,042	40.8
40	0.01360	1,317	0.00274	96,838	480,896	0.98202	3,499,863	36.1
45	0.02242	2,142	0.00453	95,521	472,251	0.97104	3,018,967	31.6
50	0.03566	3,330	0.00726	93,379	458,573	0.95615	2,546,717	27.3
55	0.05235	4,714	0.01075	90,050	438,464	0.93538	2,088,144	23.2
60	0.07756	6,619	0.01614	85,336	410,132	0.90821	1,649,680	19.3
65	0.10721	8,439	0.02266	78,717	372,488	0.86800	1,239,548	15.7
70	0.15978	11,229	0.03473	70,278	323,318	0.79761	867,060	12.3
75	0.25310	14,945	0.05795	59,049	257,883	0.52573 ^c	543,742	9.2
80+	1.00000	44,104	0.15429	44,104	285,859	-	285,859	6.5
Lelaki <i>Male</i>								
0	0.00613	613	0.00617	100,000	99,424	0.99341 ^a	7,228,648	72.3
1	0.00112	112	0.00028	99,387	397,283	0.99888 ^b	7,129,224	71.7
5	0.00091	91	0.00018	99,275	496,149	0.99896	6,731,941	67.8
10	0.00116	115	0.00023	99,184	495,635	0.99786	6,235,792	62.9
15	0.00313	310	0.00063	99,069	494,572	0.99620	5,740,158	57.9
20	0.00447	441	0.00090	98,759	492,693	0.99509	5,245,586	53.1
25	0.00534	525	0.00107	98,318	490,277	0.99385	4,752,892	48.3
30	0.00697	681	0.00140	97,793	487,260	0.99141	4,262,616	43.6
35	0.01021	992	0.00205	97,111	483,076	0.98647	3,775,356	38.9
40	0.01688	1,623	0.00341	96,119	476,539	0.97739	3,292,280	34.3
45	0.02844	2,688	0.00577	94,496	465,762	0.96337	2,815,741	29.8
50	0.04506	4,137	0.00922	91,809	448,699	0.94484	2,349,978	25.6
55	0.06572	5,762	0.01359	87,671	423,951	0.92007	1,901,279	21.7
60	0.09515	7,793	0.01998	81,909	390,063	0.88848	1,477,328	18.0
65	0.12962	9,607	0.02772	74,116	346,561	0.84259	1,087,265	14.7
70	0.18934	12,214	0.04183	64,509	292,009	0.76612	740,704	11.5
75	0.28883	15,104	0.06752	52,295	223,714	0.50141 ^c	448,695	8.6
80+	1.00000	37,191	0.16531	37,191	224,981	-	224,981	6.0

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^p Permulaan
Preliminary

Jadual 2.2: Jadual hayat ringkas mengikut jantina dan umur, Malaysia, 2021 ^P (samb.)

Table 2.2: Abridged life table by sex and age, Malaysia, 2021 ^P (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00546	546	0.00549	100,000	99,490	0.99415 ^a	7,698,218	77.0
1	0.00094	94	0.00024	99,454	397,584	0.99910 ^b	7,598,727	76.4
5	0.00070	69	0.00014	99,360	496,629	0.99923	7,201,144	72.5
10	0.00085	84	0.00017	99,291	496,245	0.99898	6,704,515	67.5
15	0.00118	117	0.00024	99,207	495,740	0.99849	6,208,270	62.6
20	0.00184	182	0.00037	99,089	494,991	0.99764	5,712,529	57.7
25	0.00288	285	0.00058	98,907	493,822	0.99661	5,217,539	52.8
30	0.00390	384	0.00078	98,622	492,150	0.99514	4,723,716	47.9
35	0.00583	573	0.00117	98,238	489,757	0.99218	4,231,567	43.1
40	0.00983	960	0.00198	97,665	485,926	0.98712	3,741,809	38.3
45	0.01596	1,544	0.00322	96,705	479,666	0.97911	3,255,884	33.7
50	0.02589	2,464	0.00525	95,161	469,647	0.96789	2,776,217	29.2
55	0.03849	3,568	0.00785	92,697	454,567	0.95123	2,306,571	24.9
60	0.05946	5,300	0.01226	89,130	432,399	0.92832	1,852,003	20.8
65	0.08468	7,098	0.01768	83,830	401,403	0.89322	1,419,604	16.9
70	0.13093	10,047	0.02802	76,731	358,541	0.82769	1,018,201	13.3
75	0.21992	14,665	0.04942	66,685	296,761	0.55013 ^c	659,660	9.9
80+	1.00000	52,019	0.14334	52,019	362,899	-	362,899	7.0

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^P Permulaan
Preliminary

Jadual 2.2.1: Jadual hayat ringkas bagi etnik Bumiputera mengikut jantina dan umur, Malaysia, 2021 ^P

Table 2.2.1: Abridged life table for Bumiputera by sex and age, Malaysia, 2021 ^P

Umur <i>Age</i>	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00628	628	0.00631	100,000	99,415	0.99319 ^a	7,366,856	73.7
1	0.00124	124	0.00031	99,372	397,182	0.99881 ^b	7,267,440	73.1
5	0.00095	95	0.00019	99,249	496,007	0.99892	6,870,259	69.2
10	0.00121	120	0.00024	99,154	495,470	0.99813	6,374,252	64.3
15	0.00253	251	0.00051	99,034	494,542	0.99680	5,878,782	59.4
20	0.00388	383	0.00078	98,783	492,959	0.99541	5,384,240	54.5
25	0.00531	522	0.00106	98,400	490,695	0.99394	4,891,281	49.7
30	0.00681	667	0.00137	97,878	487,721	0.99174	4,400,586	45.0
35	0.00972	945	0.00195	97,211	483,692	0.98717	3,912,865	40.3
40	0.01598	1,539	0.00322	96,266	477,484	0.97927	3,429,173	35.6
45	0.02556	2,421	0.00518	94,727	467,584	0.96777	2,951,689	31.2
50	0.03908	3,607	0.00797	92,306	452,513	0.95256	2,484,104	26.9
55	0.05613	4,979	0.01155	88,699	431,048	0.93079	2,031,592	22.9
60	0.08307	6,955	0.01733	83,720	401,213	0.90345	1,600,544	19.1
65	0.11124	8,539	0.02356	76,765	362,478	0.86556	1,199,331	15.6
70	0.16055	10,953	0.03491	68,226	313,747	0.79671	836,853	12.3
75	0.25420	14,559	0.05824	57,273	249,967	0.52215 ^c	523,106	9.1
80+	1.00000	42,714	0.15638	42,714	273,140	-	273,140	6.4
Lelaki <i>Male</i>								
0	0.00660	660	0.00665	100,000	99,380	0.99284 ^a	7,148,843	71.5
1	0.00136	135	0.00034	99,340	397,038	0.99866 ^b	7,049,462	71.0
5	0.00109	108	0.00022	99,204	495,751	0.99875	6,652,425	67.1
10	0.00142	141	0.00028	99,096	495,129	0.99748	6,156,674	62.1
15	0.00362	358	0.00072	98,956	493,883	0.99542	5,661,545	57.2
20	0.00555	547	0.00111	98,598	491,621	0.99364	5,167,661	52.4
25	0.00717	703	0.00144	98,051	488,497	0.99186	4,676,040	47.7
30	0.00911	887	0.00183	97,348	484,522	0.98920	4,187,543	43.0
35	0.01250	1,206	0.00252	96,461	479,290	0.98371	3,703,021	38.4
40	0.02012	1,917	0.00407	95,255	471,484	0.97373	3,223,731	33.8
45	0.03254	3,037	0.00661	93,338	459,100	0.95961	2,752,247	29.5
50	0.04850	4,380	0.00994	90,302	440,558	0.94132	2,293,147	25.4
55	0.06938	5,961	0.01437	85,922	414,705	0.91637	1,852,590	21.6
60	0.09895	7,912	0.02082	79,960	380,022	0.88596	1,437,885	18.0
65	0.13078	9,423	0.02799	72,049	336,686	0.84380	1,057,862	14.7
70	0.18544	11,613	0.04088	62,626	284,095	0.76934	721,177	11.5
75	0.28617	14,598	0.06679	51,012	218,566	0.49994 ^c	437,082	8.6
80+	1.00000	36,414	0.16664	36,414	218,516	-	218,516	6.0

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^P Permulaan
Preliminary

Jadual 2.2.1: Jadual hayat ringkas bagi etnik Bumiputera mengikut jantina dan umur, Malaysia, 2021 ^P (samb.)

Table 2.2.1: Abridged life table for Bumiputera by sex and age, Malaysia, 2021 ^P (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00593	593	0.00596	100,000	99,447	0.99360 ^a	7,607,748	76.1
1	0.00112	111	0.00028	99,407	397,352	0.99895 ^b	7,508,300	75.5
5	0.00081	80	0.00016	99,296	496,279	0.99910	7,110,948	71.6
10	0.00099	99	0.00020	99,216	495,832	0.99883	6,614,670	66.7
15	0.00135	134	0.00027	99,117	495,250	0.99826	6,118,838	61.7
20	0.00213	211	0.00043	98,983	494,388	0.99723	5,623,588	56.8
25	0.00342	338	0.00068	98,772	493,017	0.99603	5,129,200	51.9
30	0.00453	446	0.00091	98,435	491,058	0.99429	4,636,183	47.1
35	0.00690	676	0.00138	97,989	488,254	0.99075	4,145,125	42.3
40	0.01162	1,130	0.00234	97,313	483,739	0.98494	3,656,870	37.6
45	0.01854	1,783	0.00374	96,183	476,456	0.97596	3,173,131	33.0
50	0.02964	2,798	0.00602	94,400	465,004	0.96384	2,696,675	28.6
55	0.04288	3,928	0.00876	91,602	448,189	0.94523	2,231,671	24.4
60	0.06720	5,892	0.01391	87,674	423,640	0.92097	1,783,482	20.3
65	0.09171	7,500	0.01922	81,782	390,160	0.88691	1,359,842	16.6
70	0.13663	10,149	0.02933	74,282	346,037	0.82214	969,682	13.1
75	0.22561	14,469	0.05086	64,133	284,491	0.54382 ^c	623,645	9.7
80+	1.00000	49,664	0.14643	49,664	339,154	-	339,154	6.8

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^P Permulaan
Preliminary

Jadual 2.2.2: Jadual hayat ringkas bagi etnik Melayu mengikut jantina dan umur, Malaysia, 2021 ^P

Table 2.2.2: Abridged life table for Malay by sex and age, Malaysia, 2021 ^P

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00604	604	0.00608	100,000	99,437	0.99349 ^a	7,369,561	73.7
1	0.00112	112	0.00028	99,396	397,306	0.99893 ^b	7,270,124	73.1
5	0.00084	84	0.00017	99,284	496,213	0.99901	6,872,818	69.2
10	0.00114	113	0.00023	99,201	495,721	0.99817	6,376,605	64.3
15	0.00251	249	0.00050	99,088	494,816	0.99688	5,880,884	59.4
20	0.00373	369	0.00075	98,839	493,273	0.99558	5,386,068	54.5
25	0.00511	503	0.00102	98,470	491,094	0.99415	4,892,795	49.7
30	0.00660	647	0.00132	97,967	488,219	0.99200	4,401,701	44.9
35	0.00940	915	0.00189	97,321	484,314	0.98762	3,913,482	40.2
40	0.01539	1,484	0.00310	96,405	478,316	0.97978	3,429,168	35.6
45	0.02513	2,385	0.00509	94,921	468,643	0.96792	2,950,852	31.1
50	0.03922	3,629	0.00800	92,536	453,606	0.95226	2,482,209	26.8
55	0.05661	5,033	0.01165	88,907	431,951	0.92994	2,028,603	22.8
60	0.08432	7,072	0.01761	83,874	401,687	0.90136	1,596,652	19.0
65	0.11427	8,776	0.02424	76,801	362,067	0.86345	1,194,965	15.6
70	0.16170	11,000	0.03519	68,025	312,627	0.79606	832,898	12.2
75	0.25433	14,503	0.05828	57,025	248,869	0.52166 ^c	520,272	9.1
80+	1.00000	42,522	0.15668	42,522	271,403	-	271,403	6.4
Lelaki <i>Male</i>								
0	0.00636	636	0.00640	100,000	99,402	0.99314 ^a	7,146,651	71.5
1	0.00123	122	0.00031	99,364	397,166	0.99877 ^b	7,047,249	70.9
5	0.00100	99	0.00020	99,241	495,960	0.99882	6,650,083	67.0
10	0.00136	134	0.00027	99,142	495,376	0.99749	6,154,123	62.1
15	0.00366	362	0.00073	99,008	494,134	0.99551	5,658,748	57.2
20	0.00533	526	0.00107	98,646	491,915	0.99389	5,164,613	52.4
25	0.00689	676	0.00138	98,120	488,911	0.99215	4,672,699	47.6
30	0.00882	859	0.00177	97,444	485,073	0.98957	4,183,788	42.9
35	0.01205	1,164	0.00242	96,585	480,015	0.98438	3,698,716	38.3
40	0.01923	1,835	0.00388	95,421	472,518	0.97440	3,218,701	33.7
45	0.03209	3,003	0.00652	93,586	460,423	0.95969	2,746,183	29.3
50	0.04880	4,420	0.01000	90,583	441,865	0.94072	2,285,760	25.2
55	0.07029	6,057	0.01457	86,163	415,673	0.91486	1,843,895	21.4
60	0.10110	8,099	0.02130	80,106	380,284	0.88242	1,428,222	17.8
65	0.13591	9,787	0.02916	72,008	335,570	0.83985	1,047,938	14.6
70	0.18819	11,709	0.04155	62,221	281,829	0.76671	712,368	11.4
75	0.28884	14,589	0.06752	50,511	216,082	0.49811 ^c	430,538	8.5
80+	1.00000	35,922	0.16750	35,922	214,456	-	214,456	6.0

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^P Permulaan
Preliminary

Jadual 2.2.2: Jadual hayat ringkas bagi etnik Melayu mengikut jantina dan umur, Malaysia, 2021 ^P (samb.)

Table 2.2.2: Abridged life table for Malay by sex and age, Malaysia, 2021 ^P (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00570	570	0.00573	100,000	99,468	0.99388 ^a	7,615,398	76.2
1	0.00101	100	0.00025	99,430	397,471	0.99908 ^b	7,515,930	75.6
5	0.00067	67	0.00013	99,330	496,481	0.99921	7,118,459	71.7
10	0.00091	90	0.00018	99,263	496,088	0.99892	6,621,979	66.7
15	0.00126	125	0.00025	99,173	495,550	0.99835	6,125,891	61.8
20	0.00204	202	0.00041	99,048	494,733	0.99734	5,630,340	56.8
25	0.00329	325	0.00066	98,846	493,416	0.99616	5,135,607	52.0
30	0.00439	432	0.00088	98,521	491,523	0.99445	4,642,191	47.1
35	0.00672	659	0.00135	98,089	488,794	0.99099	4,150,668	42.3
40	0.01131	1,102	0.00227	97,429	484,391	0.98532	3,661,873	37.6
45	0.01808	1,742	0.00365	96,327	477,282	0.97618	3,177,482	33.0
50	0.02966	2,805	0.00602	94,586	465,914	0.96379	2,700,200	28.5
55	0.04297	3,944	0.00878	91,780	449,042	0.94493	2,234,286	24.3
60	0.06771	5,948	0.01402	87,836	424,313	0.91999	1,785,244	20.3
65	0.09320	7,632	0.01955	81,889	390,364	0.88623	1,360,931	16.6
70	0.13645	10,132	0.02929	74,257	345,953	0.82286	970,567	13.1
75	0.22427	14,381	0.05052	64,124	284,670	0.54425 ^c	624,613	9.7
80+	1.00000	49,743	0.14633	49,743	339,944	-	339,944	6.8

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
Notes: From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^P Permulaan
Preliminary

Jadual 2.2.3: Jadual hayat ringkas bagi etnik Bumiputera Lain mengikut jantina dan umur, Malaysia, 2021 ^P

Table 2.2.3: Abridged life table for Other Bumiputera by sex and age, Malaysia, 2021 ^P

Umur Age	Kebangkitan mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakutan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00757	757	0.00762	100,000	99,298	0.99161 ^a	7,355,465	73.6
1	0.00189	188	0.00047	99,243	396,506	0.99818 ^b	7,256,167	73.1
5	0.00153	151	0.00031	99,055	494,899	0.99848	6,859,662	69.3
10	0.00152	150	0.00030	98,904	494,146	0.99793	6,364,763	64.4
15	0.00262	259	0.00052	98,754	493,125	0.99641	5,870,616	59.4
20	0.00457	450	0.00092	98,496	491,353	0.99465	5,377,491	54.6
25	0.00614	602	0.00123	98,045	488,723	0.99303	4,886,138	49.8
30	0.00781	761	0.00157	97,444	485,318	0.99050	4,397,414	45.1
35	0.01120	1,083	0.00225	96,683	480,708	0.98495	3,912,097	40.5
40	0.01893	1,810	0.00382	95,600	473,475	0.97678	3,431,389	35.9
45	0.02760	2,588	0.00560	93,790	462,480	0.96706	2,957,914	31.5
50	0.03844	3,506	0.00784	91,202	447,245	0.95404	2,495,433	27.4
55	0.05378	4,716	0.01105	87,696	426,689	0.93505	2,048,188	23.4
60	0.07676	6,369	0.01596	82,980	398,975	0.91407	1,621,500	19.5
65	0.09586	7,344	0.02014	76,610	364,691	0.87645	1,222,525	16.0
70	0.15416	10,678	0.03341	69,266	319,635	0.80026	857,834	12.4
75	0.25361	14,859	0.05809	58,588	255,793	0.52472 ^c	538,199	9.2
80+	1.00000	43,729	0.15484	43,729	282,406	-	282,406	6.5
Lelaki <i>Male</i>								
0	0.00792	792	0.00797	100,000	99,260	0.99122 ^a	7,159,229	71.6
1	0.00206	205	0.00052	99,208	396,349	0.99804 ^b	7,059,969	71.2
5	0.00155	154	0.00031	99,004	494,635	0.99838	6,663,620	67.3
10	0.00168	166	0.00034	98,850	493,836	0.99745	6,168,985	62.4
15	0.00342	337	0.00069	98,684	492,577	0.99500	5,675,149	57.5
20	0.00659	648	0.00132	98,347	490,113	0.99253	5,182,572	52.7
25	0.00835	816	0.00168	97,699	486,453	0.99058	4,692,459	48.0
30	0.01049	1,017	0.00211	96,883	481,872	0.98744	4,206,006	43.4
35	0.01464	1,404	0.00295	95,866	475,821	0.98037	3,724,134	38.8
40	0.02469	2,332	0.00500	94,462	466,481	0.97038	3,248,313	34.4
45	0.03468	3,195	0.00706	92,130	452,662	0.95918	2,781,832	30.2
50	0.04717	4,195	0.00966	88,935	434,186	0.94415	2,329,170	26.2
55	0.06496	5,504	0.01343	84,740	409,937	0.92374	1,894,984	22.4
60	0.08836	7,001	0.01849	79,235	378,674	0.90289	1,485,047	18.7
65	0.10671	7,708	0.02254	72,234	341,902	0.86312	1,106,373	15.3
70	0.17065	11,012	0.03731	64,527	295,103	0.78202	764,470	11.8
75	0.27503	14,718	0.06378	53,515	230,778	0.50832 ^c	469,367	8.8
80+	1.00000	38,796	0.16261	38,796	238,589	-	238,589	6.1

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^P Permulaan
Preliminary

Jadual 2.2.3: Jadual hayat ringkas bagi etnik Bumiputera Lain mengikut jantina dan umur, Malaysia, 2021 ^p (samb.)

Table 2.2.3: Abridged life table for Other Bumiputera by sex and age, Malaysia, 2021 ^p (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00719	719	0.00724	100,000	99,332	0.99207 ^a	7,572,146	75.7
1	0.00171	170	0.00043	99,281	396,701	0.99829 ^b	7,472,814	75.3
5	0.00150	149	0.00030	99,111	495,183	0.99858	7,076,113	71.4
10	0.00134	133	0.00027	98,962	494,479	0.99844	6,580,930	66.5
15	0.00177	175	0.00036	98,829	493,708	0.99784	6,086,451	61.6
20	0.00254	251	0.00051	98,654	492,643	0.99676	5,592,743	56.7
25	0.00395	388	0.00079	98,403	491,045	0.99543	5,100,100	51.8
30	0.00519	508	0.00104	98,015	488,804	0.99355	4,609,054	47.0
35	0.00773	753	0.00155	97,507	485,649	0.98960	4,120,251	42.3
40	0.01310	1,267	0.00264	96,753	480,598	0.98315	3,634,601	37.6
45	0.02065	1,972	0.00417	95,486	472,499	0.97494	3,154,004	33.0
50	0.02956	2,764	0.00600	93,514	460,659	0.96411	2,681,505	28.7
55	0.04242	3,850	0.00867	90,750	444,125	0.94675	2,220,845	24.5
60	0.06455	5,609	0.01334	86,900	420,477	0.92629	1,776,720	20.4
65	0.08350	6,788	0.01743	81,291	389,485	0.89060	1,356,243	16.7
70	0.13765	10,256	0.02957	74,503	346,877	0.81863	966,758	13.0
75	0.23207	14,910	0.05251	64,248	283,963	0.54191 ^c	619,882	9.6
80+	1.00000	49,338	0.14687	49,338	335,919	-	335,919	6.8

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^p Permulaan
Preliminary

Jadual 2.2.4: Jadual hayat ringkas etnik Cina mengikut jantina dan umur, Malaysia, 2021 ^P

Table 2.2.4: Abridged life table for Chinese by sex and age, Malaysia, 2021 ^P

Umur <i>Age</i>	Kebbarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00386	386	0.00387	100,000	99,638	0.99593 ^a	7,652,454	76.5
1	0.00053	53	0.00013	99,614	398,326	0.99946 ^b	7,552,816	75.8
5	0.00044	44	0.00009	99,561	497,696	0.99955	7,154,490	71.9
10	0.00045	45	0.00009	99,517	497,474	0.99927	6,656,794	66.9
15	0.00102	101	0.00020	99,472	497,109	0.99858	6,159,320	61.9
20	0.00183	181	0.00037	99,371	496,401	0.99775	5,662,211	57.0
25	0.00267	265	0.00053	99,190	495,286	0.99696	5,165,810	52.1
30	0.00341	337	0.00068	98,925	493,781	0.99574	4,670,524	47.2
35	0.00512	504	0.00103	98,588	491,677	0.99290	4,176,742	42.4
40	0.00908	891	0.00183	98,083	488,188	0.98785	3,685,065	37.6
45	0.01524	1,482	0.00307	97,192	482,257	0.98013	3,196,877	32.9
50	0.02456	2,350	0.00497	95,711	472,677	0.96942	2,714,621	28.4
55	0.03674	3,431	0.00749	93,360	458,224	0.95406	2,241,944	24.0
60	0.05549	4,991	0.01142	89,930	437,172	0.92315	1,783,720	19.8
65	0.09946	8,448	0.02093	84,939	403,576	0.87090	1,346,548	15.9
70	0.16201	12,393	0.03526	76,491	351,475	0.79059	942,972	12.3
75	0.26597	17,048	0.06135	64,099	277,873	0.53022 ^c	591,497	9.2
80+	1.00000	47,051	0.15002	47,051	313,623	-	313,623	6.7
Lelaki <i>Male</i>								
0	0.00415	415	0.00417	100,000	99,607	0.99564 ^a	7,395,311	74.0
1	0.00054	54	0.00014	99,585	398,211	0.99941 ^b	7,295,704	73.3
5	0.00051	50	0.00010	99,531	497,527	0.99954	6,897,492	69.3
10	0.00041	41	0.00008	99,480	497,298	0.99905	6,399,965	64.3
15	0.00148	147	0.00030	99,439	496,828	0.99796	5,902,668	59.4
20	0.00260	258	0.00052	99,292	495,815	0.99687	5,405,840	54.4
25	0.00367	364	0.00074	99,034	494,261	0.99573	4,910,025	49.6
30	0.00486	480	0.00097	98,670	492,153	0.99398	4,415,763	44.8
35	0.00719	706	0.00144	98,191	489,190	0.99028	3,923,610	40.0
40	0.01227	1,196	0.00247	97,485	484,436	0.98338	3,434,420	35.2
45	0.02102	2,024	0.00425	96,289	476,386	0.97265	2,949,984	30.6
50	0.03382	3,188	0.00688	94,265	463,356	0.95861	2,473,599	26.2
55	0.04924	4,484	0.01010	91,077	444,176	0.93860	2,010,242	22.1
60	0.07418	6,424	0.01541	86,593	416,906	0.89865	1,566,066	18.1
65	0.13068	10,477	0.02796	80,169	374,654	0.83393	1,149,161	14.3
70	0.20678	14,411	0.04612	69,692	312,435	0.74427	774,506	11.1
75	0.31745	17,549	0.07547	55,282	232,535	0.49676 ^c	462,072	8.4
80+	1.00000	37,732	0.16439	37,732	229,537	-	229,537	6.1

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^P Permulaan
Preliminary

Jadual 2.2.4: Jadual hayat ringkas etnik Cina mengikut jantina dan umur, Malaysia, 2021 ^P (samb.)

Table 2.2.4: Abridged life table for Chinese by sex and age, Malaysia, 2021 ^P (cont'd)

Umur <i>Age</i>	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00354	354	0.00355	100,000	99,667	0.99624 ^a	7,963,665	79.6
1	0.00052	52	0.00013	99,646	398,455	0.99951 ^b	7,863,998	78.9
5	0.00038	37	0.00008	99,594	497,876	0.99957	7,465,543	75.0
10	0.00049	49	0.00010	99,557	497,662	0.99950	6,967,667	70.0
15	0.00052	52	0.00010	99,508	497,411	0.99924	6,470,006	65.0
20	0.00100	100	0.00020	99,456	497,032	0.99869	5,972,595	60.1
25	0.00162	161	0.00033	99,356	496,379	0.99820	5,475,563	55.1
30	0.00197	195	0.00039	99,195	495,487	0.99750	4,979,184	50.2
35	0.00304	301	0.00061	99,000	494,246	0.99566	4,483,697	45.3
40	0.00564	556	0.00113	98,699	492,104	0.99261	3,989,450	40.4
45	0.00916	899	0.00184	98,143	488,466	0.98796	3,497,347	35.6
50	0.01495	1,453	0.00301	97,244	482,585	0.98089	3,008,881	30.9
55	0.02333	2,235	0.00472	95,790	473,365	0.97066	2,526,296	26.4
60	0.03549	3,320	0.00723	93,556	459,477	0.94883	2,052,931	21.9
65	0.06742	6,083	0.01395	90,235	435,968	0.90863	1,593,453	17.7
70	0.11706	9,851	0.02487	84,152	396,133	0.83697	1,157,485	13.8
75	0.21511	15,983	0.04821	74,301	331,550	0.56453 ^c	761,352	10.2
80+	1.00000	58,319	0.13569	58,319	429,803	-	429,803	7.4

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
Notes: From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^P Permulaan
Preliminary

Jadual 2.2.5: Jadual hayat ringkas bagi etnik India mengikut jantina dan umur, Malaysia, 2021 ^P

Table 2.2.5: Abridged life table for Indians by sex and age, Malaysia, 2021 ^P

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00494	494	0.00496	100,000	99,538	0.99468 ^a	7,116,928	71.2
1	0.00089	89	0.00022	99,506	397,803	0.99920 ^b	7,017,390	70.5
5	0.00057	56	0.00011	99,417	496,944	0.99933	6,619,588	66.6
10	0.00077	77	0.00015	99,361	496,612	0.99809	6,122,643	61.6
15	0.00305	303	0.00061	99,284	495,663	0.99531	5,626,031	56.7
20	0.00634	628	0.00127	98,981	493,337	0.99309	5,130,368	51.8
25	0.00749	737	0.00150	98,354	489,926	0.99143	4,637,031	47.1
30	0.00966	943	0.00194	97,617	485,727	0.98802	4,147,105	42.5
35	0.01431	1,384	0.00288	96,674	479,910	0.98177	3,661,378	37.9
40	0.02220	2,115	0.00449	95,290	471,163	0.97079	3,181,468	33.4
45	0.03638	3,390	0.00741	93,175	457,401	0.95506	2,710,305	29.1
50	0.05382	4,832	0.01106	89,785	436,847	0.93655	2,252,903	25.1
55	0.07363	6,255	0.01529	84,953	409,130	0.91023	1,816,057	21.4
60	0.10721	8,437	0.02266	78,699	372,400	0.87544	1,406,927	17.9
65	0.14399	10,117	0.03103	70,262	326,015	0.83419	1,034,527	14.7
70	0.19130	11,505	0.04231	60,144	271,958	0.78645	708,512	11.8
75	0.24106	11,725	0.05482	48,639	213,883	0.51007 ^c	436,553	9.0
80+	1.00000	36,914	0.16578	36,914	222,671	-	222,671	6.0
Lelaki <i>Male</i>								
0	0.00567	567	0.00570	100,000	99,466	0.99396 ^a	6,780,617	67.8
1	0.00093	93	0.00023	99,433	397,512	0.99920 ^b	6,681,150	67.2
5	0.00048	48	0.00010	99,340	496,580	0.99928	6,283,638	63.3
10	0.00096	95	0.00019	99,292	496,222	0.99734	5,787,058	58.3
15	0.00436	432	0.00087	99,197	494,902	0.99295	5,290,837	53.3
20	0.00975	963	0.00196	98,764	491,414	0.98931	4,795,934	48.6
25	0.01164	1,139	0.00234	97,802	486,161	0.98723	4,304,520	44.0
30	0.01391	1,345	0.00280	96,663	479,951	0.98272	3,818,360	39.5
35	0.02069	1,972	0.00418	95,318	471,659	0.97416	3,338,408	35.0
40	0.03111	2,904	0.00632	93,346	459,471	0.95897	2,866,749	30.7
45	0.05128	4,638	0.01053	90,442	440,617	0.93718	2,407,278	26.6
50	0.07499	6,435	0.01558	85,804	412,935	0.91444	1,966,662	22.9
55	0.09698	7,697	0.02038	79,370	377,606	0.88318	1,553,726	19.6
60	0.13879	9,948	0.02983	71,672	333,493	0.84535	1,176,121	16.4
65	0.17306	10,682	0.03789	61,725	281,919	0.80331	842,627	13.7
70	0.22525	11,497	0.05077	51,043	226,469	0.75923	560,709	11.0
75	0.26080	10,313	0.05998	39,545	171,943	0.48557 ^c	334,239	8.5
80+	1.00000	29,232	0.18012	29,232	162,296	-	162,296	5.6

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^P Permulaan
Preliminary

Jadual 2.2.5: Jadual hayat ringkas bagi etnik India mengikut jantina dan umur, Malaysia, 2021 ^p (samb.)

Table 2.2.5: Abridged life table for Indians by sex and age, Malaysia, 2021 ^p (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00419	419	0.00421	100,000	99,607	0.99544 ^a	7,498,356	75.0
1	0.00085	85	0.00021	99,581	398,113	0.99919 ^b	7,398,749	74.3
5	0.00065	65	0.00013	99,496	497,318	0.99939	7,000,636	70.4
10	0.00057	57	0.00011	99,431	497,013	0.99890	6,503,318	65.4
15	0.00163	162	0.00033	99,374	496,466	0.99785	6,006,306	60.4
20	0.00268	266	0.00054	99,212	495,397	0.99704	5,509,840	55.5
25	0.00324	320	0.00065	98,946	493,931	0.99571	5,014,443	50.7
30	0.00535	528	0.00107	98,626	491,811	0.99353	4,520,513	45.8
35	0.00759	745	0.00152	98,098	488,630	0.99000	4,028,702	41.1
40	0.01244	1,211	0.00250	97,354	483,742	0.98303	3,540,072	36.4
45	0.02156	2,073	0.00436	96,143	475,533	0.97279	3,056,330	31.8
50	0.03298	3,102	0.00671	94,070	462,595	0.95840	2,580,797	27.4
55	0.05052	4,596	0.01037	90,968	443,350	0.93613	2,118,202	23.3
60	0.07792	6,730	0.01622	86,372	415,035	0.90304	1,674,852	19.4
65	0.11760	9,366	0.02499	79,642	374,795	0.86166	1,259,817	15.8
70	0.16185	11,374	0.03522	70,276	322,944	0.80963	885,022	12.6
75	0.22440	13,217	0.05055	58,902	261,464	0.53483 ^c	562,078	9.5
80+	1.00000	45,684	0.15197	45,684	300,613	-	300,613	6.6

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^p Permulaan
Preliminary

Jadual 2.2.6: Jadual hayat ringkas bagi etnik Lain-lain ¹ mengikut jantina dan umur, Malaysia, 2021 ^P

Table 2.2.6: Abridged life table for Others ¹ by sex and age, Malaysia, 2021 ^P

Umur Age	Kebangkitan mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakutan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00315	315	0.00316	100,000	99,704	0.99671 ^a	7,771,523	77.7
1	0.00036	36	0.00009	99,685	398,650	0.99951 ^b	7,671,820	77.0
5	0.00054	54	0.00011	99,649	498,109	0.99931	7,273,170	73.0
10	0.00084	83	0.00017	99,595	497,765	0.99895	6,775,061	68.0
15	0.00126	125	0.00025	99,511	497,243	0.99901	6,277,296	63.1
20	0.00071	71	0.00014	99,386	496,752	0.99920	5,780,053	58.2
25	0.00089	88	0.00018	99,315	496,355	0.99900	5,283,300	53.2
30	0.00110	109	0.00022	99,227	495,861	0.99874	4,786,946	48.2
35	0.00143	141	0.00029	99,117	495,234	0.99798	4,291,085	43.3
40	0.00261	258	0.00052	98,976	494,235	0.99527	3,795,851	38.4
45	0.00685	677	0.00138	98,718	491,899	0.98282	3,301,616	33.4
50	0.02758	2,704	0.00559	98,041	483,447	0.95208	2,809,717	28.7
55	0.06884	6,563	0.01426	95,337	460,278	0.90795	2,326,270	24.4
60	0.11698	10,385	0.02485	88,774	417,908	0.91184	1,865,992	21.0
65	0.05552	4,352	0.01142	78,389	381,066	0.92785	1,448,084	18.5
70	0.08976	6,646	0.01880	74,037	353,571	0.87266	1,067,019	14.4
75	0.16862	11,364	0.03683	67,392	308,548	0.56752 ^c	713,447	10.6
80+	1.00000	56,028	0.13837	56,028	404,899	-	404,899	7.2
Lelaki <i>Male</i>								
0	0.00321	321	0.00322	100,000	99,695	0.99664 ^a	7,731,104	77.3
1	0.00039	39	0.00010	99,679	398,623	0.99946 ^b	7,631,409	76.6
5	0.00059	59	0.00012	99,640	498,052	0.99921	7,232,786	72.6
10	0.00098	98	0.00020	99,581	497,659	0.99871	6,734,734	67.6
15	0.00160	159	0.00032	99,483	497,016	0.99884	6,237,076	62.7
20	0.00073	72	0.00015	99,324	496,439	0.99926	5,740,060	57.8
25	0.00075	74	0.00015	99,252	496,074	0.99921	5,243,621	52.8
30	0.00084	83	0.00017	99,178	495,681	0.99903	4,747,547	47.9
35	0.00111	110	0.00022	99,094	495,198	0.99845	4,251,867	42.9
40	0.00199	197	0.00040	98,985	494,431	0.99632	3,756,669	38.0
45	0.00537	530	0.00108	98,788	492,613	0.98435	3,262,238	33.0
50	0.02599	2,553	0.00527	98,257	484,904	0.95107	2,769,625	28.2
55	0.07249	6,937	0.01504	95,704	461,178	0.90190	2,284,721	23.9
60	0.12572	11,159	0.02683	88,767	415,936	0.90211	1,823,543	20.5
65	0.06607	5,128	0.01367	77,608	375,219	0.92077	1,407,607	18.1
70	0.09332	6,764	0.01958	72,480	345,491	0.86862	1,032,388	14.2
75	0.17336	11,393	0.03796	65,717	300,100	0.56311 ^c	686,896	10.5
80+	1.00000	54,324	0.14045	54,324	386,796	-	386,796	7.1

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

¹ Termasuk bukan warganegara
Includes non-citizen

^P Permulaan
Preliminary

Jadual 2.2.6: Jadual hayat ringkas bagi etnik Lain-lain ¹ mengikut jantina dan umur, Malaysia, 2021^p (samb.)

Table 2.2.6: Abridged life table for Others ¹ by sex and age, Malaysia, 2021^p (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00308	308	0.00309	100,000	99,710	0.99679 ^a	7,817,524	78.2
1	0.00033	33	0.00008	99,692	398,685	0.99955 ^b	7,717,814	77.4
5	0.00048	48	0.00010	99,659	498,172	0.99942	7,319,129	73.4
10	0.00067	67	0.00013	99,610	497,884	0.99929	6,820,957	68.5
15	0.00074	74	0.00015	99,543	497,531	0.99929	6,323,074	63.5
20	0.00069	68	0.00014	99,469	497,177	0.99900	5,825,542	58.6
25	0.00131	130	0.00026	99,401	496,680	0.99836	5,328,366	53.6
30	0.00198	196	0.00040	99,271	495,863	0.99782	4,831,685	48.7
35	0.00237	235	0.00048	99,074	494,784	0.99671	4,335,822	43.8
40	0.00421	416	0.00084	98,839	493,157	0.99276	3,841,038	38.9
45	0.01029	1,013	0.00207	98,424	489,585	0.97958	3,347,880	34.0
50	0.03065	2,985	0.00622	97,411	479,590	0.95369	2,858,295	29.3
55	0.06247	5,899	0.01290	94,425	457,379	0.91872	2,378,705	25.2
60	0.10134	8,972	0.02135	88,526	420,202	0.92586	1,921,327	21.7
65	0.04388	3,491	0.00897	79,555	389,046	0.93579	1,501,125	18.9
70	0.08548	6,502	0.01786	76,064	364,064	0.87739	1,112,078	14.6
75	0.16321	11,353	0.03554	69,562	319,425	0.57297 ^c	748,014	10.8
80+	1.00000	58,208	0.13581	58,208	428,589	-	428,589	7.4

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
Notes: From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

¹ Termasuk bukan warganegara
Includes non-citizen

^p Permulaan
Preliminary

MALAYSIA

2022^e



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Jadual 2.3: Jadual hayat ringkas mengikut jantina dan umur, Malaysia, 2022 ^e

Table 2.3: Abridged life table by sex and age, Malaysia, 2022 ^e

Umur Age	Kebbarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00562	562	0.00565	100,000	99,475	0.99400 ^a	7,338,621	73.4
1	0.00090	90	0.00023	99,438	397,527	0.99907 ^b	7,239,146	72.8
5	0.00080	80	0.00016	99,348	496,540	0.99912	6,841,619	68.9
10	0.00096	95	0.00019	99,268	496,103	0.99843	6,345,079	63.9
15	0.00218	216	0.00044	99,173	495,325	0.99722	5,848,976	59.0
20	0.00338	335	0.00068	98,957	493,947	0.99585	5,353,651	54.1
25	0.00491	484	0.00098	98,622	491,899	0.99428	4,859,704	49.3
30	0.00653	641	0.00131	98,138	489,085	0.99184	4,367,805	44.5
35	0.00980	955	0.00197	97,496	485,094	0.98727	3,878,720	39.8
40	0.01570	1,515	0.00316	96,541	478,917	0.97891	3,393,626	35.2
45	0.02657	2,525	0.00539	95,026	468,817	0.96651	2,914,709	30.7
50	0.04059	3,755	0.00829	92,501	453,118	0.94947	2,445,892	26.4
55	0.06089	5,404	0.01256	88,746	430,222	0.92679	1,992,774	22.5
60	0.08633	7,195	0.01804	83,343	398,726	0.89750	1,562,551	18.7
65	0.12021	9,154	0.02558	76,148	357,855	0.85563	1,163,825	15.3
70	0.17183	11,512	0.03760	66,994	306,192	0.78833	805,970	12.0
75	0.25978	14,413	0.05971	55,482	241,379	0.51703 ^c	499,778	9.0
80+	1.00000	41,069	0.15894	41,069	258,399	-	258,399	6.3
Lelaki <i>Male</i>								
0	0.00593	593	0.00596	100,000	99,443	0.99369 ^a	7,129,943	71.3
1	0.00096	96	0.00024	99,407	397,404	0.99895 ^b	7,030,500	70.7
5	0.00094	94	0.00019	99,312	496,325	0.99901	6,633,096	66.8
10	0.00103	102	0.00021	99,218	495,836	0.99798	6,136,771	61.9
15	0.00302	299	0.00060	99,116	494,833	0.99621	5,640,935	56.9
20	0.00457	452	0.00092	98,817	492,955	0.99471	5,146,102	52.1
25	0.00600	590	0.00120	98,365	490,349	0.99301	4,653,148	47.3
30	0.00799	781	0.00160	97,775	486,921	0.99008	4,162,798	42.6
35	0.01187	1,152	0.00239	96,994	482,089	0.98472	3,675,877	37.9
40	0.01873	1,795	0.00378	95,842	474,721	0.97424	3,193,789	33.3
45	0.03293	3,097	0.00670	94,047	462,492	0.95855	2,719,067	28.9
50	0.05025	4,571	0.01031	90,950	443,323	0.93749	2,256,576	24.8
55	0.07541	6,514	0.01567	86,379	415,612	0.91089	1,813,252	21.0
60	0.10393	8,301	0.02193	79,865	378,575	0.87726	1,397,640	17.5
65	0.14373	10,286	0.03097	71,565	332,107	0.82987	1,019,065	14.2
70	0.20095	12,314	0.04468	61,278	275,606	0.75691	686,958	11.2
75	0.29582	14,484	0.06943	48,964	208,610	0.49287 ^c	411,352	8.4
80+	1.00000	34,480	0.17007	34,480	202,742	-	202,742	5.9

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 2.3: Jadual hayat ringkas mengikut jantina dan umur, Malaysia, 2022 ^e (samb.)

Table 2.3: Abridged life table by sex and age, Malaysia, 2022 ^e (cont'd)

Umur <i>Age</i>	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00530	530	0.00533	100,000	99,505	0.99435 ^a	7,577,335	75.8
1	0.00085	84	0.00021	99,470	397,669	0.99918 ^b	7,477,830	75.2
5	0.00065	65	0.00013	99,385	496,766	0.99923	7,080,161	71.2
10	0.00088	88	0.00018	99,321	496,386	0.99893	6,583,395	66.3
15	0.00125	124	0.00025	99,233	495,856	0.99837	6,087,009	61.3
20	0.00200	198	0.00040	99,109	495,049	0.99720	5,591,154	56.4
25	0.00359	355	0.00072	98,911	493,664	0.99578	5,096,105	51.5
30	0.00485	478	0.00097	98,555	491,580	0.99383	4,602,441	46.7
35	0.00749	734	0.00150	98,077	488,548	0.99015	4,110,861	41.9
40	0.01224	1,191	0.00246	97,342	483,734	0.98398	3,622,313	37.2
45	0.01985	1,909	0.00401	96,151	475,984	0.97483	3,138,579	32.6
50	0.03059	2,883	0.00621	94,242	464,004	0.96179	2,662,595	28.3
55	0.04608	4,209	0.00943	91,359	446,272	0.94303	2,198,591	24.1
60	0.06839	5,960	0.01416	87,150	420,849	0.91779	1,752,319	20.1
65	0.09704	7,879	0.02040	81,190	386,252	0.88064	1,331,471	16.4
70	0.14408	10,563	0.03105	73,311	340,148	0.81721	945,219	12.9
75	0.22801	14,308	0.05147	62,748	277,972	0.54060 ^c	605,071	9.6
80+	1.00000	48,441	0.14809	48,441	327,098	-	327,098	6.8

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
Notes: From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 2.3.1: Jadual hayat ringkas bagi etnik Bumiputera mengikut jantina dan umur, Malaysia, 2022 ^e

Table 2.3.1: Abridged life table for Bumiputera by sex and age, Malaysia, 2022 ^e

Umur Age	Kebangkitan mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakutan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00604	604	0.00607	100,000	99,437	0.99354 ^a	7,249,502	72.5
1	0.00102	102	0.00026	99,396	397,332	0.99894 ^b	7,150,065	71.9
5	0.00093	92	0.00019	99,295	496,243	0.99897	6,752,732	68.0
10	0.00114	113	0.00023	99,203	495,731	0.99817	6,256,489	63.1
15	0.00253	251	0.00051	99,090	494,823	0.99672	5,760,758	58.1
20	0.00404	399	0.00081	98,839	493,198	0.99491	5,265,935	53.3
25	0.00614	605	0.00123	98,440	490,688	0.99291	4,772,737	48.5
30	0.00804	787	0.00161	97,835	487,209	0.99010	4,282,050	43.8
35	0.01177	1,142	0.00237	97,048	482,387	0.98489	3,794,841	39.1
40	0.01849	1,773	0.00373	95,906	475,099	0.97554	3,312,454	34.5
45	0.03054	2,875	0.00620	94,133	463,479	0.96239	2,837,355	30.1
50	0.04489	4,097	0.00918	91,258	446,050	0.94512	2,373,875	26.0
55	0.06534	5,695	0.01351	87,162	421,569	0.92145	1,927,826	22.1
60	0.09267	7,550	0.01943	81,466	388,457	0.89125	1,506,256	18.5
65	0.12647	9,348	0.02700	73,917	346,212	0.85252	1,117,800	15.1
70	0.17154	11,076	0.03753	64,568	295,152	0.78714	771,587	11.9
75	0.26275	14,055	0.06050	53,492	232,324	0.51237 ^c	476,436	8.9
80+	1.00000	39,437	0.16156	39,437	244,111	-	244,111	6.2
Lelaki <i>Male</i>								
0	0.00636	636	0.00640	100,000	99,403	0.99320 ^a	7,046,209	70.5
1	0.00109	108	0.00027	99,364	397,200	0.99879 ^b	6,946,806	69.9
5	0.00112	111	0.00022	99,256	496,001	0.99882	6,549,607	66.0
10	0.00123	122	0.00025	99,145	495,418	0.99762	6,053,606	61.1
15	0.00353	349	0.00071	99,022	494,239	0.99541	5,558,188	56.1
20	0.00565	558	0.00113	98,673	491,971	0.99322	5,063,949	51.3
25	0.00791	776	0.00159	98,115	488,637	0.99083	4,571,978	46.6
30	0.01045	1,017	0.00210	97,339	484,155	0.98751	4,083,341	41.9
35	0.01455	1,402	0.00293	96,322	478,108	0.98162	3,599,187	37.4
40	0.02226	2,113	0.00450	94,921	469,322	0.97003	3,121,079	32.9
45	0.03786	3,514	0.00772	92,808	455,254	0.95404	2,651,757	28.6
50	0.05437	4,855	0.01118	89,294	434,331	0.93355	2,196,503	24.6
55	0.07922	6,689	0.01650	84,439	405,471	0.90713	1,762,172	20.9
60	0.10770	8,373	0.02277	77,750	367,816	0.87399	1,356,700	17.4
65	0.14652	10,165	0.03162	69,376	321,468	0.83200	988,885	14.3
70	0.19316	11,437	0.04276	59,211	267,462	0.76133	667,417	11.3
75	0.29508	14,097	0.06923	47,774	203,626	0.49088 ^c	399,955	8.4
80+	1.00000	33,677	0.17153	33,677	196,329	-	196,329	5.8

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 2.3.1: Jadual hayat ringkas bagi etnik Bumiputera mengikut jantina dan umur, Malaysia, 2022 ^e (samb.)

Table 2.3.1: Abridged life table for Bumiputera by sex and age, Malaysia, 2022 ^e (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00570	570	0.00573	100,000	99,469	0.99391 ^a	7,469,472	74.7
1	0.00095	95	0.00024	99,430	397,486	0.99908 ^b	7,370,003	74.1
5	0.00073	72	0.00015	99,335	496,497	0.99912	6,972,517	70.2
10	0.00103	102	0.00021	99,263	496,061	0.99876	6,476,020	65.2
15	0.00145	144	0.00029	99,161	495,446	0.99811	5,979,959	60.3
20	0.00234	232	0.00047	99,017	494,508	0.99666	5,484,514	55.4
25	0.00433	428	0.00087	98,786	492,858	0.99501	4,990,006	50.5
30	0.00564	555	0.00113	98,358	490,400	0.99270	4,497,148	45.7
35	0.00897	877	0.00180	97,803	486,820	0.98829	4,006,748	41.0
40	0.01449	1,404	0.00292	96,926	481,117	0.98117	3,519,928	36.3
45	0.02324	2,220	0.00470	95,521	472,058	0.97074	3,038,810	31.8
50	0.03543	3,306	0.00721	93,302	458,244	0.95660	2,566,753	27.5
55	0.05166	4,649	0.01061	89,996	438,357	0.93555	2,108,508	23.4
60	0.07793	6,651	0.01622	85,347	410,105	0.90813	1,670,152	19.6
65	0.10698	8,419	0.02261	78,695	372,429	0.87206	1,260,046	16.0
70	0.15141	10,641	0.03276	70,276	324,780	0.81001	887,617	12.6
75	0.23546	14,041	0.05337	59,635	263,074	0.53259 ^c	562,837	9.4
80+	1.00000	45,594	0.15210	45,594	299,764	-	299,764	6.6

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 2.3.2: Jadual hayat ringkas bagi etnik Melayu mengikut jantina dan umur, Malaysia, 2022 ^e

Table 2.3.2: Abridged life table for Malay by sex and age, Malaysia, 2022 ^e

Umur <i>Age</i>	Kebangkitan mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakutan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00584	584	0.00587	100,000	99,455	0.99380 ^a	7,242,109	72.4
1	0.00089	89	0.00022	99,416	397,442	0.99905 ^b	7,142,654	71.8
5	0.00083	83	0.00017	99,327	496,428	0.99906	6,745,212	67.9
10	0.00105	105	0.00021	99,244	495,959	0.99823	6,248,784	63.0
15	0.00249	246	0.00050	99,140	495,082	0.99677	5,752,824	58.0
20	0.00397	393	0.00080	98,893	493,483	0.99505	5,257,743	53.2
25	0.00594	585	0.00119	98,500	491,038	0.99303	4,764,259	48.4
30	0.00800	783	0.00161	97,915	487,618	0.99020	4,273,221	43.6
35	0.01162	1,129	0.00234	97,132	482,838	0.98505	3,785,603	39.0
40	0.01832	1,759	0.00370	96,003	475,617	0.97567	3,302,765	34.4
45	0.03046	2,870	0.00619	94,244	464,043	0.96207	2,827,148	30.0
50	0.04564	4,171	0.00934	91,373	446,441	0.94412	2,363,105	25.9
55	0.06660	5,808	0.01378	87,203	421,494	0.91986	1,916,664	22.0
60	0.09465	7,704	0.01987	81,395	387,714	0.88806	1,495,170	18.4
65	0.13104	9,656	0.02804	73,691	344,313	0.84907	1,107,456	15.0
70	0.17381	11,130	0.03807	64,034	292,347	0.78646	763,144	11.9
75	0.26163	13,841	0.06020	52,904	229,918	0.51164 ^c	470,797	8.9
80+	1.00000	39,063	0.16217	39,063	240,879	-	240,879	6.2
Lelaki <i>Male</i>								
0	0.00618	618	0.00622	100,000	99,419	0.99345 ^a	7,035,165	70.4
1	0.00095	94	0.00024	99,382	397,305	0.99892 ^b	6,935,745	69.8
5	0.00102	101	0.00020	99,288	496,186	0.99891	6,538,440	65.9
10	0.00115	114	0.00023	99,187	495,647	0.99766	6,042,253	60.9
15	0.00352	349	0.00071	99,072	494,489	0.99548	5,546,606	56.0
20	0.00553	546	0.00111	98,723	492,251	0.99343	5,052,117	51.2
25	0.00762	748	0.00153	98,177	489,016	0.99102	4,559,866	46.4
30	0.01035	1,008	0.00208	97,429	484,624	0.98772	4,070,850	41.8
35	0.01423	1,373	0.00287	96,421	478,672	0.98199	3,586,226	37.2
40	0.02184	2,075	0.00442	95,048	470,052	0.97020	3,107,554	32.7
45	0.03794	3,528	0.00774	92,973	456,044	0.95358	2,637,502	28.4
50	0.05523	4,940	0.01136	89,445	434,875	0.93222	2,181,458	24.4
55	0.08107	6,851	0.01690	84,505	405,397	0.90473	1,746,583	20.7
60	0.11072	8,598	0.02344	77,654	366,774	0.86933	1,341,186	17.3
65	0.15310	10,573	0.03316	69,056	318,848	0.82673	974,412	14.1
70	0.19709	11,526	0.04373	58,483	263,600	0.75931	655,564	11.2
75	0.29500	13,852	0.06921	46,957	200,154	0.48936 ^c	391,964	8.3
80+	1.00000	33,105	0.17259	33,105	191,810	-	191,810	5.8

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 2.3.2: Jadual hayat ringkas bagi etnik Melayu mengikut jantina dan umur, Malaysia, 2022 ^e (samb.)

Table 2.3.2: Abridged life table for Malay by sex and age, Malaysia, 2022 ^e (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00549	549	0.00552	100,000	99,488	0.99417 ^a	7,465,317	74.7
1	0.00084	83	0.00021	99,451	397,597	0.99919 ^b	7,365,829	74.1
5	0.00064	63	0.00013	99,368	496,680	0.99921	6,968,232	70.1
10	0.00095	94	0.00019	99,304	496,286	0.99885	6,471,552	65.2
15	0.00135	134	0.00027	99,210	495,714	0.99816	5,975,267	60.2
20	0.00232	230	0.00046	99,076	494,803	0.99674	5,479,553	55.3
25	0.00420	415	0.00084	98,846	493,190	0.99508	4,984,750	50.4
30	0.00564	555	0.00113	98,431	490,764	0.99268	4,491,560	45.6
35	0.00900	881	0.00181	97,875	487,174	0.98823	4,000,796	40.9
40	0.01457	1,414	0.00294	96,994	481,438	0.98127	3,513,622	36.2
45	0.02296	2,194	0.00464	95,581	472,419	0.97055	3,032,183	31.7
50	0.03609	3,370	0.00735	93,387	458,508	0.95590	2,559,765	27.4
55	0.05241	4,718	0.01076	90,017	438,288	0.93465	2,101,256	23.3
60	0.07900	6,739	0.01645	85,299	409,646	0.90605	1,662,968	19.5
65	0.11019	8,656	0.02332	78,560	371,159	0.86992	1,253,322	16.0
70	0.15243	10,655	0.03300	69,904	322,881	0.81009	882,162	12.6
75	0.23413	13,872	0.05303	59,248	261,563	0.53232 ^c	559,281	9.4
80+	1.00000	45,377	0.15241	45,377	297,719	-	297,719	6.6

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 2.3.3: Jadual hayat ringkas bagi etnik Bumiputera Lain mengikut jantina dan umur, Malaysia, 2022 ^e

Table 2.3.3: Abridged life table for Other Bumiputera by sex and age, Malaysia, 2022 ^e

Umur Age	Kebangkitan mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakutan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00732	732	0.00737	100,000	99,320	0.99194 ^a	7,283,137	72.8
1	0.00171	170	0.00043	99,268	396,647	0.99833 ^b	7,183,817	72.4
5	0.00140	139	0.00028	99,098	495,140	0.99856	6,787,169	68.5
10	0.00148	147	0.00030	98,958	494,425	0.99790	6,292,029	63.6
15	0.00272	269	0.00054	98,812	493,386	0.99646	5,797,604	58.7
20	0.00436	430	0.00087	98,543	491,640	0.99434	5,304,218	53.8
25	0.00697	684	0.00140	98,113	488,856	0.99239	4,812,577	49.1
30	0.00825	804	0.00166	97,429	485,137	0.98965	4,323,722	44.4
35	0.01246	1,204	0.00251	96,626	480,117	0.98412	3,838,585	39.7
40	0.01933	1,844	0.00390	95,421	472,495	0.97489	3,358,467	35.2
45	0.03101	2,902	0.00630	93,577	460,630	0.96379	2,885,972	30.8
50	0.04158	3,770	0.00849	90,675	443,950	0.94961	2,425,342	26.7
55	0.05958	5,178	0.01228	86,905	421,579	0.92898	1,981,393	22.8
60	0.08318	6,798	0.01736	81,727	391,639	0.90673	1,559,813	19.1
65	0.10428	7,814	0.02200	74,929	355,111	0.86939	1,168,174	15.6
70	0.16000	10,738	0.03478	67,115	308,731	0.79074	813,063	12.1
75	0.26792	15,104	0.06187	56,377	244,125	0.51594 ^c	504,332	8.9
80+	1.00000	41,273	0.15862	41,273	260,207	-	260,207	6.3
Lelaki <i>Male</i>								
0	0.00755	755	0.00760	100,000	99,293	0.99168 ^a	7,097,025	71.0
1	0.00183	182	0.00046	99,245	396,549	0.99813 ^b	6,997,732	70.5
5	0.00162	160	0.00032	99,063	494,915	0.99840	6,601,183	66.6
10	0.00159	157	0.00032	98,903	494,122	0.99743	6,106,268	61.7
15	0.00355	350	0.00071	98,746	492,854	0.99510	5,612,146	56.8
20	0.00625	615	0.00125	98,396	490,442	0.99233	5,119,292	52.0
25	0.00910	889	0.00183	97,781	486,681	0.99001	4,628,850	47.3
30	0.01090	1,056	0.00219	96,892	481,818	0.98653	4,142,169	42.8
35	0.01606	1,540	0.00324	95,835	475,328	0.97979	3,660,351	38.2
40	0.02443	2,304	0.00495	94,296	465,720	0.96909	3,185,023	33.8
45	0.03755	3,455	0.00765	91,992	451,325	0.95607	2,719,303	29.6
50	0.05056	4,477	0.01037	88,538	431,497	0.93962	2,267,978	25.6
55	0.07072	5,945	0.01466	84,061	405,444	0.91843	1,836,481	21.8
60	0.09325	7,285	0.01956	78,116	372,371	0.89568	1,431,037	18.3
65	0.11653	8,254	0.02475	70,832	333,524	0.85678	1,058,666	14.9
70	0.17342	10,852	0.03798	62,578	285,757	0.77152	725,142	11.6
75	0.29508	15,263	0.06923	51,725	220,469	0.49823 ^c	439,384	8.5
80+	1.00000	36,462	0.16656	36,462	218,916	-	218,916	6.0

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 2.3.3: Jadual hayat ringkas bagi etnik Bumiputera Lain mengikut jantina dan umur, Malaysia, 2022 ^e (samb.)

Table 2.3.3: Abridged life table for Other Bumiputera by sex and age, Malaysia, 2022 ^e (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00708	708	0.00712	100,000	99,343	0.99224 ^a	7,485,883	74.9
1	0.00158	157	0.00040	99,292	396,778	0.99852 ^b	7,386,540	74.4
5	0.00117	116	0.00023	99,135	495,384	0.99872	6,989,762	70.5
10	0.00138	137	0.00028	99,019	494,751	0.99839	6,494,379	65.6
15	0.00185	183	0.00037	98,882	493,953	0.99786	5,999,627	60.7
20	0.00243	240	0.00049	98,699	492,897	0.99635	5,505,674	55.8
25	0.00487	480	0.00098	98,459	491,098	0.99473	5,012,777	50.9
30	0.00566	555	0.00114	97,980	488,511	0.99275	4,521,680	46.1
35	0.00885	862	0.00178	97,425	484,970	0.98851	4,033,168	41.4
40	0.01415	1,366	0.00285	96,563	479,399	0.98066	3,548,199	36.7
45	0.02462	2,343	0.00498	95,197	470,125	0.97145	3,068,800	32.2
50	0.03259	3,026	0.00663	92,853	456,701	0.95969	2,598,674	28.0
55	0.04828	4,337	0.00990	89,827	438,293	0.93968	2,141,973	23.8
60	0.07297	6,238	0.01515	85,490	411,854	0.91856	1,703,681	19.9
65	0.09058	7,179	0.01898	79,252	378,312	0.88271	1,291,826	16.3
70	0.14665	10,569	0.03165	72,073	333,941	0.80931	913,514	12.7
75	0.24231	14,903	0.05514	61,504	270,260	0.53369 ^c	579,573	9.4
80+	1.00000	46,601	0.15066	46,601	309,313	-	309,313	6.6

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 2.3.4: Jadual hayat ringkas bagi etnik Cina mengikut jantina dan umur, Malaysia, 2022 ^e

Table 2.3.4: Abridged life table for Chinese by sex and age, Malaysia, 2022 ^e

Umur <i>Age</i>	Kebangkitan mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00369	369	0.00371	100,000	99,653	0.99603 ^a	7,618,562	76.2
1	0.00065	65	0.00016	99,631	398,361	0.99941 ^b	7,518,909	75.5
5	0.00044	44	0.00009	99,566	497,720	0.99955	7,120,547	71.5
10	0.00045	45	0.00009	99,522	497,498	0.99932	6,622,828	66.5
15	0.00090	90	0.00018	99,477	497,162	0.99865	6,125,330	61.6
20	0.00179	178	0.00036	99,388	496,493	0.99770	5,628,168	56.6
25	0.00282	280	0.00056	99,210	495,349	0.99679	5,131,674	51.7
30	0.00360	357	0.00072	98,930	493,758	0.99560	4,636,326	46.9
35	0.00519	511	0.00104	98,573	491,588	0.99268	4,142,568	42.0
40	0.00947	928	0.00190	98,062	487,988	0.98686	3,650,980	37.2
45	0.01686	1,637	0.00340	97,133	481,573	0.97876	3,162,992	32.6
50	0.02570	2,454	0.00521	95,496	471,344	0.96697	2,681,419	28.1
55	0.04055	3,773	0.00828	93,041	455,775	0.95068	2,210,075	23.8
60	0.05846	5,219	0.01204	89,268	433,296	0.92021	1,754,300	19.7
65	0.10245	8,611	0.02160	84,050	398,722	0.86578	1,321,004	15.7
70	0.16961	12,795	0.03706	75,439	345,208	0.78793	922,282	12.2
75	0.26321	16,488	0.06062	62,644	271,999	0.52866 ^c	577,075	9.2
80+	1.00000	46,156	0.15129	46,156	305,076	-	305,076	6.6
Lelaki <i>Male</i>								
0	0.00376	376	0.00378	100,000	99,644	0.99596 ^a	7,351,785	73.5
1	0.00066	66	0.00017	99,624	398,339	0.99939 ^b	7,252,142	72.8
5	0.00045	45	0.00009	99,558	497,676	0.99959	6,853,803	68.8
10	0.00037	37	0.00007	99,513	497,472	0.99920	6,356,127	63.9
15	0.00123	122	0.00025	99,476	497,074	0.99813	5,858,655	58.9
20	0.00251	249	0.00050	99,354	496,145	0.99682	5,361,581	54.0
25	0.00384	381	0.00077	99,104	494,569	0.99561	4,865,436	49.1
30	0.00494	488	0.00099	98,723	492,398	0.99385	4,370,867	44.3
35	0.00737	724	0.00148	98,236	489,369	0.99014	3,878,470	39.5
40	0.01236	1,205	0.00249	97,512	484,546	0.98232	3,389,100	34.8
45	0.02306	2,221	0.00467	96,307	475,981	0.97089	2,904,554	30.2
50	0.03531	3,322	0.00719	94,086	462,124	0.95485	2,428,573	25.8
55	0.05535	5,024	0.01138	90,764	441,260	0.93340	1,966,449	21.7
60	0.07850	6,731	0.01634	85,740	411,874	0.89414	1,525,189	17.8
65	0.13555	10,710	0.02908	79,009	368,272	0.82496	1,113,315	14.1
70	0.22071	15,075	0.04962	68,299	303,811	0.73657	745,043	10.9
75	0.31825	16,939	0.07570	53,225	223,776	0.49284 ^c	441,232	8.3
80+	1.00000	36,286	0.16687	36,286	217,455	-	217,455	6.0

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
Notes: ^a From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 2.3.4: Jadual hayat ringkas bagi etnik Cina mengikut jantina dan umur, Malaysia, 2022 ^e (samb.)

Table 2.3.4: Abridged life table for Chinese by sex and age, Malaysia, 2022 ^e (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00363	363	0.00364	100,000	99,659	0.99610 ^a	7,942,653	79.4
1	0.00064	64	0.00016	99,637	398,389	0.99942 ^b	7,842,994	78.7
5	0.00043	43	0.00009	99,573	497,759	0.99951	7,444,605	74.8
10	0.00054	54	0.00011	99,530	497,517	0.99946	6,946,846	69.8
15	0.00053	52	0.00011	99,476	497,250	0.99924	6,449,329	64.8
20	0.00100	99	0.00020	99,424	496,871	0.99864	5,952,078	59.9
25	0.00172	171	0.00034	99,324	496,195	0.99802	5,455,208	54.9
30	0.00225	223	0.00045	99,153	495,210	0.99738	4,959,013	50.0
35	0.00299	296	0.00060	98,930	493,913	0.99534	4,463,803	45.1
40	0.00633	624	0.00127	98,635	491,613	0.99166	3,969,891	40.2
45	0.01036	1,015	0.00208	98,011	487,515	0.98700	3,478,278	35.5
50	0.01568	1,521	0.00316	96,995	481,175	0.97967	2,990,763	30.8
55	0.02506	2,392	0.00507	95,475	471,393	0.96902	2,509,588	26.3
60	0.03706	3,450	0.00755	93,082	456,788	0.94728	2,038,196	21.9
65	0.06898	6,183	0.01429	89,633	432,705	0.90686	1,581,408	17.6
70	0.11908	9,937	0.02532	83,450	392,404	0.83844	1,148,703	13.8
75	0.20979	15,422	0.04687	73,512	329,006	0.56498 ^c	756,298	10.3
80+	1.00000	58,090	0.13595	58,090	427,292	-	427,292	7.4

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 2.3.5: Jadual hayat ringkas bagi etnik India mengikut jantina dan umur, Malaysia, 2022 ^e

Table 2.3.5: Abridged life table for Indians by sex and age, Malaysia, 2022 ^e

Umur <i>Age</i>	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00489	489	0.00491	100,000	99,543	0.99470 ^a	6,953,310	69.5
1	0.00097	96	0.00024	99,511	397,806	0.99908 ^b	6,853,767	68.9
5	0.00074	74	0.00015	99,415	496,892	0.99927	6,455,961	64.9
10	0.00072	72	0.00014	99,342	496,529	0.99817	5,959,069	60.0
15	0.00294	292	0.00059	99,270	495,620	0.99524	5,462,540	55.0
20	0.00658	651	0.00132	98,978	493,263	0.99232	4,966,920	50.2
25	0.00880	865	0.00177	98,327	489,473	0.98998	4,473,657	45.5
30	0.01126	1,098	0.00227	97,462	484,567	0.98535	3,984,184	40.9
35	0.01807	1,741	0.00365	96,365	477,471	0.97764	3,499,616	36.3
40	0.02673	2,529	0.00542	94,624	466,795	0.96503	3,022,146	31.9
45	0.04344	4,001	0.00888	92,094	450,469	0.94672	2,555,351	27.7
50	0.06355	5,599	0.01313	88,093	426,470	0.92428	2,104,882	23.9
55	0.08871	7,318	0.01856	82,495	394,179	0.89604	1,678,412	20.3
60	0.12070	9,074	0.02569	75,177	353,200	0.85867	1,284,233	17.1
65	0.16479	10,893	0.03592	66,103	303,284	0.81311	931,033	14.1
70	0.21335	11,779	0.04777	55,210	246,604	0.77394	627,749	11.4
75	0.24223	10,520	0.05512	43,431	190,856	0.49926 ^c	381,145	8.8
80+	1.00000	32,911	0.17295	32,911	190,289	-	190,289	5.8
Lelaki <i>Male</i>								
0	0.00575	575	0.00579	100,000	99,458	0.99379 ^a	6,626,656	66.3
1	0.00111	110	0.00028	99,425	397,438	0.99902 ^b	6,527,198	65.6
5	0.00065	64	0.00013	99,315	496,412	0.99922	6,129,760	61.7
10	0.00091	90	0.00018	99,250	496,026	0.99748	5,633,348	56.8
15	0.00412	409	0.00083	99,160	494,778	0.99307	5,137,322	51.8
20	0.00974	962	0.00196	98,751	491,351	0.98847	4,642,545	47.0
25	0.01334	1,305	0.00269	97,789	485,686	0.98536	4,151,194	42.5
30	0.01595	1,539	0.00322	96,485	478,577	0.97958	3,665,508	38.0
35	0.02496	2,370	0.00506	94,946	468,806	0.96978	3,186,930	33.6
40	0.03562	3,297	0.00725	92,576	454,638	0.95301	2,718,124	29.4
45	0.05878	5,248	0.01211	89,279	433,275	0.92738	2,263,487	25.4
50	0.08732	7,338	0.01826	84,031	401,811	0.90070	1,830,212	21.8
55	0.11241	8,621	0.02382	76,693	361,913	0.86923	1,428,401	18.6
60	0.15145	10,309	0.03277	68,072	314,586	0.82736	1,066,487	15.7
65	0.19762	11,415	0.04386	57,763	260,275	0.77986	751,901	13.0
70	0.24820	11,503	0.05667	46,347	202,978	0.74605	491,626	10.6
75	0.26159	9,115	0.06019	34,844	151,433	0.47537 ^c	288,648	8.3
80+	1.00000	25,729	0.18751	25,729	137,215	-	137,215	5.3

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 2.3.5: Jadual hayat ringkas bagi etnik India mengikut jantina dan umur, Malaysia, 2022 ^e (samb.)

Table 2.3.5: Abridged life table for Indians by sex and age, Malaysia, 2022 ^e (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00401	401	0.00403	100,000	99,624	0.99563 ^a	7,318,008	73.2
1	0.00083	83	0.00021	99,599	398,190	0.99911 ^b	7,218,384	72.5
5	0.00084	84	0.00017	99,516	497,372	0.99932	6,820,194	68.5
10	0.00052	52	0.00010	99,432	497,032	0.99891	6,322,822	63.6
15	0.00166	165	0.00033	99,380	496,488	0.99758	5,825,790	58.6
20	0.00317	315	0.00064	99,215	495,288	0.99639	5,329,302	53.7
25	0.00405	401	0.00081	98,900	493,501	0.99470	4,834,014	48.9
30	0.00656	647	0.00132	98,500	490,883	0.99129	4,340,513	44.1
35	0.01087	1,063	0.00219	97,853	486,608	0.98612	3,849,630	39.3
40	0.01693	1,638	0.00341	96,790	479,853	0.97743	3,363,023	34.7
45	0.02831	2,694	0.00574	95,151	469,023	0.96578	2,883,170	30.3
50	0.04030	3,726	0.00823	92,458	452,973	0.94725	2,414,147	26.1
55	0.06573	5,832	0.01359	88,732	429,078	0.92134	1,961,174	22.1
60	0.09251	7,669	0.01940	82,900	395,325	0.88662	1,532,096	18.5
65	0.13637	10,259	0.02927	75,230	350,505	0.84120	1,136,771	15.1
70	0.18478	12,006	0.04072	64,971	294,843	0.79579	786,266	12.1
75	0.22805	12,079	0.05148	52,966	234,633	0.52254 ^c	491,423	9.3
80+	1.00000	40,887	0.15922	40,887	256,790	-	256,790	6.3

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 2.3.6: Jadual hayat ringkas bagi etnik Lain-lain ¹ mengikut jantina dan umur, Malaysia, 2022 ^e
Table 2.3.6: Abridged life table for Others ¹ by sex and age, Malaysia, 2022 ^e

Umur <i>Age</i>	Kebbarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00331	331	0.00332	100,000	99,689	0.99658 ^a	7,528,804	75.3
1	0.00032	31	0.00008	99,669	398,600	0.99955 ^b	7,429,115	74.5
5	0.00051	51	0.00010	99,638	498,063	0.99929	7,030,515	70.6
10	0.00090	90	0.00018	99,587	497,711	0.99878	6,532,452	65.6
15	0.00154	153	0.00031	99,497	497,105	0.99887	6,034,740	60.7
20	0.00071	71	0.00014	99,345	496,545	0.99904	5,537,635	55.7
25	0.00120	119	0.00024	99,274	496,070	0.99861	5,041,090	50.8
30	0.00158	157	0.00032	99,154	495,380	0.99825	4,545,020	45.8
35	0.00193	191	0.00039	98,998	494,511	0.99737	4,049,640	40.9
40	0.00333	329	0.00067	98,807	493,210	0.99399	3,555,129	36.0
45	0.00871	857	0.00175	98,478	490,244	0.97766	3,061,919	31.1
50	0.03610	3,524	0.00735	97,620	479,291	0.93641	2,571,674	26.3
55	0.09210	8,666	0.01931	94,096	448,815	0.87625	2,092,383	22.2
60	0.15862	13,551	0.03446	85,430	393,272	0.87948	1,643,569	19.2
65	0.07525	5,409	0.01564	71,879	345,873	0.90936	1,250,297	17.4
70	0.10728	7,131	0.02267	66,470	314,523	0.85238	904,424	13.6
75	0.19281	11,441	0.04268	59,339	268,092	0.54553 ^c	589,902	9.9
80+	1.00000	47,898	0.14884	47,898	321,809	-	321,809	6.7
Lelaki <i>Male</i>								
0	0.00338	338	0.00339	100,000	99,679	0.99650 ^a	7,490,113	74.9
1	0.00033	33	0.00008	99,662	398,569	0.99943 ^b	7,390,433	74.2
5	0.00073	72	0.00015	99,629	497,963	0.99901	6,991,864	70.2
10	0.00125	124	0.00025	99,556	497,471	0.99838	6,493,902	65.2
15	0.00198	197	0.00040	99,432	496,667	0.99860	5,996,431	60.3
20	0.00082	82	0.00016	99,235	495,970	0.99907	5,499,764	55.4
25	0.00105	104	0.00021	99,153	495,507	0.99891	5,003,793	50.5
30	0.00113	111	0.00023	99,050	494,969	0.99873	4,508,286	45.5
35	0.00141	140	0.00028	98,938	494,342	0.99810	4,013,317	40.6
40	0.00238	235	0.00048	98,799	493,405	0.99548	3,518,975	35.6
45	0.00667	658	0.00134	98,563	491,172	0.98052	3,025,570	30.7
50	0.03237	3,169	0.00658	97,906	481,605	0.93646	2,534,398	25.9
55	0.09575	9,071	0.02011	94,736	451,005	0.86831	2,052,793	21.7
60	0.17144	14,686	0.03750	85,665	391,611	0.86646	1,601,788	18.7
65	0.08780	6,232	0.01837	70,979	339,315	0.90022	1,210,177	17.0
70	0.11291	7,311	0.02393	64,747	305,458	0.84876	870,862	13.5
75	0.19445	11,168	0.04308	57,436	259,261	0.54146 ^c	565,403	9.8
80+	1.00000	46,268	0.15113	46,268	306,143	-	306,143	6.6

Nota: ^a Daripada umur 0 hingga
Notes: ^a From age of 0 to age group 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

¹ Termasuk bukan warganegara
Includes non-citizen

^e Anggaran
Estimates

Jadual 2.3.6: Jadual hayat ringkas bagi etnik Lain-lain ¹ mengikut jantina dan umur, Malaysia, 2022 ^o (samb.)

Table 2.3.6: Abridged life table for Others ¹ by sex and age, Malaysia, 2022 ^o (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00322	322	0.00323	100,000	99,697	0.99667 ^a	7,565,444	75.7
1	0.00030	30	0.00007	99,678	398,639	0.99967 ^b	7,465,746	74.9
5	0.00028	28	0.00006	99,648	498,172	0.99959	7,067,107	70.9
10	0.00053	53	0.00011	99,620	497,970	0.99929	6,568,936	65.9
15	0.00089	88	0.00018	99,567	497,617	0.99932	6,070,966	61.0
20	0.00048	48	0.00010	99,479	497,276	0.99892	5,573,349	56.0
25	0.00168	167	0.00034	99,431	496,738	0.99762	5,076,073	51.1
30	0.00308	306	0.00062	99,264	495,555	0.99672	4,579,335	46.1
35	0.00348	345	0.00070	98,958	493,929	0.99536	4,083,780	41.3
40	0.00580	571	0.00116	98,613	491,638	0.99038	3,589,851	36.4
45	0.01347	1,321	0.00271	98,042	486,908	0.97161	3,098,213	31.6
50	0.04352	4,209	0.00890	96,721	473,082	0.93571	2,611,305	27.0
55	0.08600	7,956	0.01797	92,512	442,668	0.89048	2,138,223	23.1
60	0.13525	11,436	0.02901	84,555	394,187	0.89913	1,695,554	20.1
65	0.06111	4,468	0.01261	73,119	354,425	0.91975	1,301,367	17.8
70	0.10064	6,909	0.02119	68,651	325,981	0.85642	946,943	13.8
75	0.19133	11,813	0.04231	61,742	279,175	0.55041 ^c	620,962	10.1
80+	1.00000	49,928	0.14608	49,928	341,786	-	341,786	6.8

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

¹ Termasuk bukan warganegara
Includes non-citizen

^o Anggaran
Estimates

JADUAL HAYAT RINGKAS

*ABRIDGED LIFE
TABLES*

NEGERI/
STATE



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NEGERI/ *STATE* 2020



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Jadual 3.1: Jadual hayat ringkas mengikut jantina dan umur, Johor, 2020

Table 3.1: Abridged life table by sex and age, Johor, 2020

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00628	628	0.00632	100,000	99,415	0.99328 ^a	7,427,702	74.3
1	0.00108	107	0.00027	99,372	397,223	0.99898 ^b	7,328,286	73.7
5	0.00078	77	0.00016	99,265	496,133	0.99910	6,931,064	69.8
10	0.00103	102	0.00021	99,188	495,685	0.99811	6,434,930	64.9
15	0.00274	272	0.00055	99,086	494,749	0.99691	5,939,245	59.9
20	0.00344	339	0.00069	98,814	493,221	0.99626	5,444,496	55.1
25	0.00404	398	0.00081	98,474	491,377	0.99516	4,951,275	50.3
30	0.00564	553	0.00113	98,077	489,000	0.99308	4,459,898	45.5
35	0.00820	800	0.00165	97,523	485,617	0.98931	3,970,898	40.7
40	0.01319	1,276	0.00266	96,723	480,428	0.98307	3,485,281	36.0
45	0.02072	1,977	0.00419	95,448	472,296	0.97346	3,004,852	31.5
50	0.03249	3,037	0.00661	93,470	459,760	0.95939	2,532,557	27.1
55	0.04899	4,431	0.01004	90,434	441,091	0.94039	2,072,797	22.9
60	0.07078	6,087	0.01467	86,003	414,798	0.90256	1,631,705	19.0
65	0.12614	10,081	0.02693	79,916	374,379	0.85087	1,216,908	15.2
70	0.17544	12,252	0.03846	69,835	318,548	0.78721	842,529	12.1
75	0.25808	14,861	0.05926	57,584	250,765	0.52142 ^c	523,981	9.1
80+	1.00000	42,722	0.15637	42,722	273,216	-	273,216	6.4
Lelaki <i>Male</i>								
0	0.00661	661	0.00665	100,000	99,380	0.99297 ^a	7,211,643	72.1
1	0.00108	107	0.00027	99,339	397,103	0.99896 ^b	7,112,263	71.6
5	0.00077	77	0.00015	99,232	495,967	0.99896	6,715,160	67.7
10	0.00130	129	0.00026	99,155	495,452	0.99726	6,219,193	62.7
15	0.00418	414	0.00084	99,026	494,095	0.99559	5,723,741	57.8
20	0.00465	459	0.00093	98,612	491,914	0.99512	5,229,646	53.0
25	0.00510	501	0.00102	98,153	489,515	0.99406	4,737,732	48.3
30	0.00678	662	0.00136	97,653	486,609	0.99157	4,248,217	43.5
35	0.01009	979	0.00203	96,991	482,507	0.98661	3,761,608	38.8
40	0.01672	1,605	0.00337	96,012	476,047	0.97853	3,279,102	34.2
45	0.02631	2,484	0.00533	94,407	465,826	0.96667	2,803,055	29.7
50	0.04053	3,726	0.00827	91,923	450,302	0.94942	2,337,229	25.4
55	0.06105	5,384	0.01259	88,197	427,527	0.92548	1,886,927	21.4
60	0.08886	7,359	0.01860	82,813	395,669	0.88076	1,459,401	17.6
65	0.15257	11,512	0.03303	75,454	348,492	0.82137	1,063,732	14.1
70	0.20938	13,388	0.04677	63,942	286,240	0.75393	715,240	11.2
75	0.29248	14,786	0.06852	50,554	215,805	0.49696 ^c	428,999	8.5
80+	1.00000	35,768	0.16777	35,768	213,195	-	213,195	6.0

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.1: Jadual hayat ringkas mengikut jantina dan umur, Johor, 2020 (samb.)

Table 3.1: Abridged life table by sex and age, Johor, 2020 (cont'd)

Umur <i>Age</i>	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00592	592	0.00596	100,000	99,448	0.99363 ^a	7,693,125	76.9
1	0.00107	107	0.00027	99,408	397,365	0.99899 ^b	7,593,677	76.4
5	0.00078	77	0.00016	99,301	496,312	0.99924	7,196,312	72.5
10	0.00074	74	0.00015	99,224	495,935	0.99906	6,700,000	67.5
15	0.00114	113	0.00023	99,150	495,467	0.99852	6,204,065	62.6
20	0.00181	180	0.00036	99,037	494,735	0.99779	5,708,598	57.6
25	0.00260	257	0.00052	98,857	493,643	0.99661	5,213,863	52.7
30	0.00417	411	0.00084	98,600	491,972	0.99495	4,720,220	47.9
35	0.00594	583	0.00119	98,189	489,485	0.99257	4,228,248	43.1
40	0.00893	871	0.00179	97,605	485,849	0.98833	3,738,763	38.3
45	0.01443	1,396	0.00291	96,734	480,182	0.98086	3,252,913	33.6
50	0.02392	2,280	0.00484	95,338	470,991	0.97043	2,772,731	29.1
55	0.03537	3,291	0.00720	93,058	457,063	0.95643	2,301,741	24.7
60	0.05207	4,674	0.01069	89,767	437,150	0.92507	1,844,678	20.5
65	0.09904	8,428	0.02084	85,093	404,395	0.88131	1,407,528	16.5
70	0.14051	10,772	0.03023	76,665	356,396	0.82106	1,003,133	13.1
75	0.22365	14,737	0.05036	65,893	292,623	0.54754 ^c	646,737	9.8
80+	1.00000	51,156	0.14446	51,156	354,114	-	354,114	6.9

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
Notes: From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.2: Jadual hayat ringkas mengikut jantina dan umur, Kedah, 2020

Table 3.2: Abridged life table by sex and age, Kedah, 2020

Umur Age	Kebbarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00606	606	0.00609	100,000	99,435	0.99344 ^a	7,311,457	73.1
1	0.00118	117	0.00030	99,394	397,285	0.99885 ^b	7,212,021	72.6
5	0.00095	95	0.00019	99,277	496,147	0.99894	6,814,737	68.6
10	0.00116	116	0.00023	99,182	495,621	0.99786	6,318,590	63.7
15	0.00313	310	0.00063	99,066	494,558	0.99653	5,822,969	58.8
20	0.00381	376	0.00076	98,757	492,844	0.99562	5,328,410	54.0
25	0.00495	487	0.00099	98,381	490,686	0.99339	4,835,566	49.2
30	0.00827	809	0.00166	97,894	487,444	0.98983	4,344,881	44.4
35	0.01209	1,174	0.00243	97,084	482,487	0.98485	3,857,437	39.7
40	0.01825	1,751	0.00368	95,911	475,176	0.97752	3,374,950	35.2
45	0.02679	2,522	0.00543	94,160	464,494	0.96697	2,899,774	30.8
50	0.03944	3,614	0.00805	91,638	449,153	0.95082	2,435,280	26.6
55	0.05932	5,222	0.01223	88,024	427,064	0.92905	1,986,126	22.6
60	0.08331	6,899	0.01739	82,802	396,763	0.90015	1,559,063	18.8
65	0.11788	8,947	0.02505	75,903	357,148	0.85727	1,162,300	15.3
70	0.17090	11,443	0.03737	66,956	306,172	0.78800	805,152	12.0
75	0.26158	14,521	0.06019	55,513	241,263	0.51649 ^c	498,980	9.0
80+	1.00000	40,992	0.15906	40,992	257,717	-	257,717	6.3
Lelaki <i>Male</i>								
0	0.00685	685	0.00689	100,000	99,358	0.99262 ^a	7,043,900	70.4
1	0.00131	131	0.00033	99,315	396,951	0.99860 ^b	6,944,542	69.9
5	0.00125	124	0.00025	99,184	495,613	0.99867	6,547,591	66.0
10	0.00141	140	0.00028	99,061	494,954	0.99701	6,051,978	61.1
15	0.00458	453	0.00092	98,921	493,472	0.99521	5,557,024	56.2
20	0.00499	491	0.00100	98,468	491,111	0.99419	5,063,552	51.4
25	0.00664	651	0.00133	97,976	488,255	0.99102	4,572,442	46.7
30	0.01133	1,103	0.00228	97,326	483,870	0.98635	4,084,187	42.0
35	0.01599	1,539	0.00322	96,223	477,266	0.98062	3,600,317	37.4
40	0.02282	2,161	0.00462	94,684	468,017	0.97074	3,123,051	33.0
45	0.03585	3,317	0.00730	92,523	454,322	0.95601	2,655,034	28.7
50	0.05244	4,678	0.01077	89,206	434,335	0.93654	2,200,711	24.7
55	0.07510	6,348	0.01561	84,528	406,771	0.90988	1,766,376	20.9
60	0.10637	8,316	0.02247	78,180	370,112	0.87528	1,359,606	17.4
65	0.14526	10,148	0.03133	69,865	323,952	0.83028	989,494	14.2
70	0.19834	11,844	0.04403	59,716	268,971	0.75473	665,542	11.1
75	0.30381	14,544	0.07165	47,872	203,001	0.48811 ^c	396,572	8.3
80+	1.00000	33,328	0.17218	33,328	193,571	-	193,571	5.8

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.2: Jadual hayat ringkas mengikut jantina dan umur, Kedah, 2020 (samb.)

Table 3.2: Abridged life table by sex and age, Kedah, 2020 (cont'd)

Umur <i>Age</i>	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00521	521	0.00524	100,000	99,513	0.99434 ^a	7,606,720	76.1
1	0.00103	103	0.00026	99,479	397,659	0.99909 ^b	7,507,207	75.5
5	0.00064	64	0.00013	99,376	496,720	0.99923	7,109,548	71.5
10	0.00090	90	0.00018	99,312	496,336	0.99879	6,612,828	66.6
15	0.00152	150	0.00030	99,222	495,736	0.99803	6,116,492	61.6
20	0.00242	240	0.00048	99,072	494,761	0.99730	5,620,756	56.7
25	0.00297	294	0.00060	98,832	493,427	0.99601	5,125,995	51.9
30	0.00500	493	0.00100	98,538	491,460	0.99347	4,632,569	47.0
35	0.00806	790	0.00162	98,045	488,251	0.98921	4,141,109	42.2
40	0.01354	1,317	0.00273	97,255	482,983	0.98421	3,652,858	37.6
45	0.01807	1,734	0.00365	95,938	475,356	0.97734	3,169,875	33.0
50	0.02733	2,575	0.00554	94,204	464,583	0.96442	2,694,519	28.6
55	0.04405	4,036	0.00901	91,629	448,056	0.94714	2,229,936	24.3
60	0.06207	5,437	0.01281	87,593	424,373	0.92338	1,781,880	20.3
65	0.09214	7,570	0.01932	82,156	391,856	0.88310	1,357,507	16.5
70	0.14418	10,754	0.03108	74,586	346,047	0.81803	965,651	12.9
75	0.22612	14,434	0.05099	63,832	283,078	0.54313 ^c	619,604	9.7
80+	1.00000	49,399	0.14679	49,399	336,526	-	336,526	6.8

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
Notes: From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.3: Jadual hayat ringkas mengikut jantina dan umur, Kelantan, 2020

Table 3.3: Abridged life table by sex and age, Kelantan, 2020

Umur <i>Age</i>	Kebbarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00693	693	0.00697	100,000	99,356	0.99245 ^a	7,223,818	72.2
1	0.00145	144	0.00036	99,307	396,870	0.99862 ^b	7,124,462	71.7
5	0.00111	110	0.00022	99,163	495,540	0.99863	6,727,592	67.8
10	0.00162	160	0.00032	99,053	494,862	0.99774	6,232,053	62.9
15	0.00290	287	0.00058	98,892	493,744	0.99654	5,737,190	58.0
20	0.00401	396	0.00080	98,605	492,038	0.99479	5,243,446	53.2
25	0.00642	631	0.00129	98,210	489,472	0.99251	4,751,408	48.4
30	0.00856	836	0.00172	97,579	485,807	0.98954	4,261,935	43.7
35	0.01238	1,197	0.00249	96,743	480,724	0.98430	3,776,128	39.0
40	0.01907	1,822	0.00385	95,546	473,174	0.97646	3,295,405	34.5
45	0.02810	2,634	0.00570	93,724	462,034	0.96572	2,822,230	30.1
50	0.04064	3,702	0.00830	91,090	446,195	0.95322	2,360,196	25.9
55	0.05318	4,647	0.01093	87,388	425,323	0.93272	1,914,002	21.9
60	0.08217	6,799	0.01714	82,741	396,709	0.89575	1,488,678	18.0
65	0.12832	9,745	0.02742	75,942	355,350	0.83954	1,091,970	14.4
70	0.19733	13,063	0.04379	66,198	298,331	0.74722	736,619	11.1
75	0.32186	17,102	0.07672	53,135	222,919	0.49139 ^c	438,288	8.2
80+	1.00000	36,033	0.16731	36,033	215,370	-	215,370	6.0
Lelaki <i>Male</i>								
0	0.00780	780	0.00786	100,000	99,271	0.99154 ^a	6,964,208	69.6
1	0.00162	160	0.00040	99,220	396,499	0.99836 ^b	6,864,937	69.2
5	0.00137	136	0.00028	99,059	494,957	0.99837	6,468,438	65.3
10	0.00189	187	0.00038	98,923	494,149	0.99678	5,973,481	60.4
15	0.00455	449	0.00091	98,737	492,560	0.99491	5,479,332	55.5
20	0.00564	554	0.00113	98,288	490,053	0.99291	4,986,772	50.7
25	0.00855	835	0.00172	97,733	486,579	0.99028	4,496,719	46.0
30	0.01091	1,057	0.00219	96,898	481,848	0.98640	4,010,140	41.4
35	0.01632	1,564	0.00329	95,841	475,296	0.97931	3,528,292	36.8
40	0.02514	2,370	0.00509	94,277	465,460	0.96887	3,052,996	32.4
45	0.03727	3,426	0.00760	91,907	450,971	0.95477	2,587,536	28.2
50	0.05349	4,733	0.01099	88,481	430,576	0.94002	2,136,565	24.1
55	0.06684	5,597	0.01383	83,749	404,751	0.91597	1,705,989	20.4
60	0.10245	8,007	0.02160	78,151	370,740	0.87346	1,301,239	16.7
65	0.15337	10,758	0.03322	70,145	323,827	0.80708	930,499	13.3
70	0.23963	14,231	0.05445	59,386	261,356	0.70870	606,671	10.2
75	0.35927	16,223	0.08759	45,156	185,222	0.46362 ^c	345,316	7.6
80+	1.00000	28,933	0.18072	28,933	160,094	-	160,094	5.5

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
Notes: From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.3: Jadual hayat ringkas mengikut jantina dan umur, Kelantan, 2020 (samb.)

Table 3.3: Abridged life table by sex and age, Kelantan, 2020 (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00600	600	0.00603	100,000	99,441	0.99345 ^a	7,508,589	75.1
1	0.00128	127	0.00032	99,400	397,286	0.99886 ^b	7,409,148	74.5
5	0.00083	83	0.00017	99,274	496,160	0.99892	7,011,862	70.6
10	0.00133	132	0.00027	99,191	495,622	0.99872	6,515,702	65.7
15	0.00122	121	0.00024	99,058	494,990	0.99817	6,020,079	60.8
20	0.00244	242	0.00049	98,938	494,084	0.99673	5,525,090	55.8
25	0.00411	405	0.00082	98,696	492,467	0.99494	5,031,005	51.0
30	0.00601	591	0.00121	98,291	489,977	0.99293	4,538,538	46.2
35	0.00813	795	0.00163	97,700	486,513	0.98957	4,048,561	41.4
40	0.01276	1,236	0.00257	96,905	481,436	0.98392	3,562,048	36.8
45	0.01945	1,860	0.00393	95,669	473,695	0.97590	3,080,612	32.2
50	0.02885	2,707	0.00585	93,809	462,278	0.96553	2,606,917	27.8
55	0.04024	3,666	0.00821	91,102	446,345	0.94832	2,144,639	23.5
60	0.06359	5,560	0.01314	87,436	423,280	0.91656	1,698,294	19.4
65	0.10465	8,568	0.02209	81,876	387,960	0.87128	1,275,014	15.6
70	0.15560	11,407	0.03374	73,308	338,023	0.78285	887,055	12.1
75	0.29005	17,954	0.06785	61,901	264,621	0.51802 ^c	549,032	8.9
80+	1.00000	43,947	0.15452	43,947	284,411	-	284,411	6.5

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.4: Jadual hayat ringkas mengikut jantina dan umur, Melaka, 2020

Table 3.4: Abridged life table by sex and age, Melaka, 2020

Umur Age	Kebbarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00621	621	0.00624	100,000	99,422	0.99343 ^a	7,395,625	74.0
1	0.00091	90	0.00023	99,379	397,292	0.99910 ^b	7,296,204	73.4
5	0.00071	70	0.00014	99,289	496,268	0.99910	6,898,912	69.5
10	0.00109	108	0.00022	99,218	495,821	0.99838	6,402,644	64.5
15	0.00216	214	0.00043	99,110	495,015	0.99714	5,906,823	59.6
20	0.00357	353	0.00071	98,896	493,599	0.99615	5,411,807	54.7
25	0.00414	408	0.00083	98,543	491,698	0.99564	4,918,209	49.9
30	0.00459	450	0.00092	98,136	489,552	0.99341	4,426,511	45.1
35	0.00859	839	0.00173	97,685	486,327	0.99098	3,936,959	40.3
40	0.00944	915	0.00190	96,846	481,942	0.98311	3,450,632	35.6
45	0.02440	2,341	0.00494	95,931	473,803	0.96926	2,968,691	30.9
50	0.03723	3,485	0.00759	93,590	459,239	0.95531	2,494,888	26.7
55	0.05243	4,724	0.01077	90,106	438,718	0.93281	2,035,649	22.6
60	0.08277	7,067	0.01727	85,382	409,239	0.90601	1,596,931	18.7
65	0.10622	8,319	0.02244	78,314	370,774	0.86060	1,187,691	15.2
70	0.17652	12,356	0.03872	69,995	319,087	0.76829	816,917	11.7
75	0.29874	17,219	0.07024	57,640	245,150	0.50756 ^c	497,830	8.6
80+	1.00000	40,420	0.15997	40,420	252,680	-	252,680	6.3
Lelaki <i>Male</i>								
0	0.00724	724	0.00729	100,000	99,322	0.99234 ^a	7,175,368	71.8
1	0.00108	108	0.00027	99,276	396,849	0.99889 ^b	7,076,046	71.3
5	0.00090	89	0.00018	99,168	495,618	0.99890	6,679,197	67.4
10	0.00130	129	0.00026	99,079	495,074	0.99790	6,183,579	62.4
15	0.00291	288	0.00058	98,950	494,032	0.99588	5,688,506	57.5
20	0.00533	526	0.00107	98,662	491,997	0.99444	5,194,474	52.6
25	0.00579	568	0.00116	98,136	489,261	0.99456	4,702,477	47.9
30	0.00509	497	0.00102	97,568	486,598	0.99198	4,213,215	43.2
35	0.01096	1,063	0.00220	97,071	482,697	0.98848	3,726,617	38.4
40	0.01210	1,162	0.00243	96,008	477,135	0.97859	3,243,920	33.8
45	0.03084	2,925	0.00626	94,846	466,918	0.96179	2,766,786	29.2
50	0.04582	4,212	0.00938	91,921	449,076	0.94310	2,299,867	25.0
55	0.06852	6,009	0.01419	87,709	423,522	0.91608	1,850,791	21.1
60	0.10046	8,208	0.02115	81,700	387,980	0.88530	1,427,269	17.5
65	0.13053	9,593	0.02793	73,492	343,479	0.83328	1,039,289	14.1
70	0.20834	13,313	0.04651	63,899	286,215	0.73819	695,810	10.9
75	0.32934	16,660	0.07885	50,587	211,282	0.48417 ^c	409,595	8.1
80+	1.00000	33,926	0.17107	33,926	198,313	-	198,313	5.8

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.4: Jadual hayat ringkas mengikut jantina dan umur, Melaka, 2020 (samb.)

Table 3.4: Abridged life table by sex and age, Melaka, 2020 (cont'd)

Umur <i>Age</i>	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00512	512	0.00514	100,000	99,522	0.99460 ^a	7,642,713	76.4
1	0.00072	72	0.00018	99,488	397,776	0.99932 ^b	7,543,191	75.8
5	0.00050	50	0.00010	99,417	496,958	0.99932	7,145,415	71.9
10	0.00087	86	0.00017	99,367	496,618	0.99891	6,648,457	66.9
15	0.00131	130	0.00026	99,281	496,078	0.99858	6,151,839	62.0
20	0.00153	152	0.00031	99,150	495,373	0.99809	5,655,761	57.0
25	0.00229	227	0.00046	98,999	494,426	0.99695	5,160,388	52.1
30	0.00382	377	0.00076	98,772	492,916	0.99521	4,665,962	47.2
35	0.00578	568	0.00116	98,395	490,553	0.99384	4,173,045	42.4
40	0.00654	640	0.00131	97,827	487,533	0.98774	3,682,492	37.6
45	0.01801	1,750	0.00363	97,187	481,558	0.97661	3,194,959	32.9
50	0.02887	2,756	0.00586	95,436	470,292	0.96738	2,713,401	28.4
55	0.03648	3,381	0.00743	92,681	454,952	0.94941	2,243,108	24.2
60	0.06524	5,826	0.01349	89,300	431,936	0.92569	1,788,157	20.0
65	0.08401	7,013	0.01754	83,474	399,840	0.88655	1,356,221	16.2
70	0.14559	11,132	0.03140	76,462	354,478	0.79683	956,381	12.5
75	0.27056	17,676	0.06258	65,330	282,460	0.53072 ^c	601,903	9.2
80+	1.00000	47,654	0.14918	47,654	319,443	-	319,443	6.7

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
Notes: From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.5: Jadual hayat ringkas mengikut jantina dan umur, Negeri Sembilan, 2020

Table 3.5: Abridged life table by sex and age, Negeri Sembilan, 2020

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	$n d_x$	$n m_x$	l_x	$n L_x$	$n S_x$	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00993	993	0.01002	100,000	99,086	0.98974 ^a	7,333,252	73.3
1	0.00099	98	0.00025	99,007	395,783	0.99900 ^b	7,234,166	73.1
5	0.00068	67	0.00014	98,909	494,376	0.99917	6,838,383	69.1
10	0.00098	96	0.00020	98,842	493,967	0.99826	6,344,008	64.2
15	0.00251	247	0.00050	98,745	493,107	0.99649	5,850,041	59.2
20	0.00452	445	0.00091	98,498	491,376	0.99525	5,356,933	54.4
25	0.00499	489	0.00100	98,052	489,039	0.99460	4,865,558	49.6
30	0.00581	567	0.00117	97,563	486,399	0.99291	4,376,519	44.9
35	0.00838	813	0.00168	96,996	482,950	0.98842	3,890,120	40.1
40	0.01480	1,424	0.00298	96,184	477,360	0.98096	3,407,170	35.4
45	0.02334	2,212	0.00472	94,760	468,272	0.96854	2,929,811	30.9
50	0.03978	3,682	0.00812	92,548	453,538	0.95566	2,461,539	26.6
55	0.04909	4,362	0.01006	88,867	433,429	0.93279	2,008,001	22.6
60	0.08627	7,290	0.01803	84,505	404,298	0.89772	1,574,572	18.6
65	0.11980	9,251	0.02549	77,215	362,946	0.85777	1,170,274	15.2
70	0.16772	11,399	0.03661	67,964	311,323	0.77943	807,328	11.9
75	0.28407	16,068	0.06622	56,565	242,655	0.51078 ^c	496,005	8.8
80+	1.00000	40,497	0.15985	40,497	253,351	-	253,351	6.3
Lelaki <i>Male</i>								
0	0.01595	1,595	0.01618	100,000	98,546	0.98382 ^a	7,044,964	70.4
1	0.00109	107	0.00027	98,405	393,364	0.99879 ^b	6,946,418	70.6
5	0.00072	71	0.00014	98,298	491,314	0.99894	6,553,054	66.7
10	0.00140	138	0.00028	98,228	490,794	0.99743	6,061,740	61.7
15	0.00375	368	0.00075	98,090	489,531	0.99494	5,570,946	56.8
20	0.00637	623	0.00128	97,722	487,055	0.99349	5,081,416	52.0
25	0.00665	646	0.00133	97,100	483,884	0.99313	4,594,361	47.3
30	0.00709	684	0.00142	96,454	480,560	0.99137	4,110,476	42.6
35	0.01018	975	0.00205	95,770	476,412	0.98519	3,629,916	37.9
40	0.01949	1,847	0.00394	94,795	469,356	0.97525	3,153,505	33.3
45	0.03012	2,800	0.00612	92,948	457,738	0.95784	2,684,149	28.9
50	0.05456	4,919	0.01122	90,148	438,440	0.94144	2,226,411	24.7
55	0.06279	5,351	0.01296	85,229	412,765	0.91365	1,787,971	21.0
60	0.11148	8,905	0.02361	79,877	377,124	0.87303	1,375,206	17.2
65	0.14439	10,248	0.03113	70,972	329,242	0.83135	998,081	14.1
70	0.19700	11,963	0.04371	60,724	273,715	0.74654	668,839	11.0
75	0.32377	15,787	0.07726	48,762	204,339	0.48285 ^c	395,124	8.1
80+	1.00000	32,974	0.17283	32,974	190,785	-	190,785	5.8

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.5: Jadual hayat ringkas mengikut jantina dan umur, Negeri Sembilan, 2020 (samb.)

Table 3.5: Abridged life table by sex and age, Negeri Sembilan, 2020 (cont'd)

Umur <i>Age</i>	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00712	712	0.00717	100,000	99,339	0.99254 ^a	7,641,344	76.4
1	0.00089	89	0.00022	99,288	396,931	0.99913 ^b	7,542,005	76.0
5	0.00063	63	0.00013	99,199	495,839	0.99944	7,145,074	72.0
10	0.00049	49	0.00010	99,137	495,560	0.99919	6,649,235	67.1
15	0.00113	112	0.00023	99,088	495,159	0.99816	6,153,674	62.1
20	0.00255	253	0.00051	98,976	494,248	0.99720	5,658,515	57.2
25	0.00306	302	0.00061	98,723	492,862	0.99636	5,164,267	52.3
30	0.00422	415	0.00084	98,421	491,070	0.99481	4,671,406	47.5
35	0.00617	605	0.00124	98,007	488,520	0.99212	4,180,336	42.7
40	0.00960	935	0.00193	97,401	484,670	0.98722	3,691,816	37.9
45	0.01600	1,543	0.00323	96,466	478,474	0.97913	3,207,146	33.2
50	0.02583	2,452	0.00523	94,923	468,486	0.96949	2,728,673	28.7
55	0.03531	3,266	0.00719	92,471	454,192	0.95163	2,260,187	24.4
60	0.06191	5,523	0.01278	89,206	432,221	0.92233	1,805,995	20.2
65	0.09446	7,905	0.01983	83,683	398,652	0.88493	1,373,774	16.4
70	0.13782	10,444	0.02960	75,778	352,781	0.81248	975,121	12.9
75	0.24517	16,018	0.05588	65,334	286,627	0.53944 ^c	622,340	9.5
80+	1.00000	49,317	0.14690	49,317	335,712	-	335,712	6.8

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
Notes: From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.6: Jadual hayat ringkas mengikut jantina dan umur, Pahang, 2020

Table 3.6: Abridged life table by sex and age, Pahang, 2020

Umur <i>Age</i>	Kebbarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00636	636	0.00640	100,000	99,408	0.99308 ^a	7,294,094	72.9
1	0.00130	129	0.00033	99,364	397,133	0.99865 ^b	7,194,686	72.4
5	0.00122	121	0.00024	99,234	495,870	0.99874	6,797,553	68.5
10	0.00130	129	0.00026	99,114	495,246	0.99797	6,301,682	63.6
15	0.00276	273	0.00055	98,985	494,241	0.99614	5,806,436	58.7
20	0.00497	490	0.00100	98,712	492,333	0.99473	5,312,196	53.8
25	0.00558	548	0.00112	98,222	489,738	0.99377	4,819,863	49.1
30	0.00689	673	0.00138	97,674	486,684	0.99224	4,330,125	44.3
35	0.00862	837	0.00173	97,000	482,909	0.98929	3,843,441	39.6
40	0.01282	1,233	0.00258	96,164	477,736	0.98253	3,360,531	34.9
45	0.02218	2,105	0.00448	94,931	469,390	0.96926	2,882,795	30.4
50	0.03950	3,667	0.00806	92,825	454,960	0.95214	2,413,405	26.0
55	0.05657	5,044	0.01164	89,158	433,183	0.92623	1,958,445	22.0
60	0.09201	7,739	0.01929	84,115	401,226	0.89027	1,525,262	18.1
65	0.12925	9,872	0.02764	76,375	357,198	0.84774	1,124,036	14.7
70	0.17867	11,882	0.03924	66,504	302,813	0.76518	766,839	11.5
75	0.30318	16,560	0.07147	54,621	231,707	0.50066 ^c	464,026	8.5
80+	1.00000	38,061	0.16383	38,061	232,319	-	232,319	6.1
Lelaki <i>Male</i>								
0	0.00678	678	0.00682	100,000	99,364	0.99264 ^a	7,070,805	70.7
1	0.00142	141	0.00036	99,322	396,956	0.99847 ^b	6,971,440	70.2
5	0.00140	139	0.00028	99,181	495,559	0.99857	6,574,485	66.3
10	0.00146	145	0.00029	99,042	494,851	0.99733	6,078,926	61.4
15	0.00388	384	0.00078	98,898	493,530	0.99457	5,584,075	56.5
20	0.00699	689	0.00140	98,514	490,849	0.99297	5,090,545	51.7
25	0.00707	692	0.00142	97,825	487,398	0.99241	4,599,696	47.0
30	0.00811	788	0.00163	97,134	483,699	0.99069	4,112,298	42.3
35	0.01053	1,014	0.00212	96,346	479,194	0.98653	3,628,599	37.7
40	0.01644	1,567	0.00331	95,331	472,740	0.97796	3,149,406	33.0
45	0.02774	2,601	0.00563	93,765	462,320	0.96167	2,676,666	28.5
50	0.04923	4,488	0.01009	91,163	444,597	0.94063	2,214,346	24.3
55	0.07003	6,070	0.01451	86,676	418,203	0.90871	1,769,749	20.4
60	0.11415	9,201	0.02421	80,605	380,025	0.86887	1,351,546	16.8
65	0.15031	10,733	0.03250	71,405	330,191	0.81700	971,521	13.6
70	0.22148	13,438	0.04981	60,672	269,765	0.72543	641,330	10.6
75	0.34277	16,190	0.08273	47,234	195,695	0.47332 ^c	371,565	7.9
80+	1.00000	31,044	0.17652	31,044	175,870	-	175,870	5.7

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
Notes: From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.6: Jadual hayat ringkas mengikut jantina dan umur, Pahang, 2020 (samb.)

Table 3.6: Abridged life table by sex and age, Pahang, 2020 (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00594	594	0.00597	100,000	99,447	0.99356 ^a	7,568,913	75.7
1	0.00118	117	0.00029	99,406	397,334	0.99881 ^b	7,469,466	75.1
5	0.00102	102	0.00020	99,289	496,191	0.99892	7,072,133	71.2
10	0.00113	112	0.00023	99,187	495,657	0.99868	6,575,941	66.3
15	0.00152	150	0.00030	99,075	495,001	0.99797	6,080,284	61.4
20	0.00254	251	0.00051	98,925	493,997	0.99695	5,585,283	56.5
25	0.00357	352	0.00071	98,674	492,488	0.99555	5,091,286	51.6
30	0.00534	525	0.00107	98,322	490,297	0.99423	4,598,797	46.8
35	0.00620	607	0.00124	97,797	487,468	0.99254	4,108,501	42.0
40	0.00873	848	0.00175	97,190	483,830	0.98772	3,621,032	37.3
45	0.01587	1,529	0.00320	96,342	477,886	0.97758	3,137,202	32.6
50	0.02907	2,757	0.00590	94,813	467,172	0.96438	2,659,316	28.0
55	0.04236	3,900	0.00866	92,056	450,531	0.94430	2,192,144	23.8
60	0.06963	6,138	0.01443	88,156	425,436	0.91217	1,741,613	19.8
65	0.10739	8,808	0.02270	82,018	388,071	0.88004	1,316,176	16.0
70	0.13404	9,813	0.02873	73,210	341,517	0.80660	928,105	12.7
75	0.26195	16,607	0.06029	63,397	275,466	0.53039 ^c	586,588	9.3
80+	1.00000	46,790	0.15039	46,790	311,122	-	311,122	6.6

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.7: Jadual hayat ringkas mengikut jantina dan umur, Perak, 2020

Table 3.7: Abridged life table by sex and age, Perak, 2020

Umur Age	Kebbarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00726	726	0.00731	100,000	99,326	0.99220 ^a	7,371,908	73.7
1	0.00131	130	0.00033	99,274	396,773	0.99884 ^b	7,272,582	73.3
5	0.00079	79	0.00016	99,144	495,525	0.99907	6,875,809	69.4
10	0.00107	106	0.00021	99,066	495,064	0.99818	6,380,284	64.4
15	0.00258	255	0.00052	98,960	494,161	0.99679	5,885,220	59.5
20	0.00384	379	0.00077	98,704	492,574	0.99573	5,391,059	54.6
25	0.00470	462	0.00094	98,325	490,471	0.99418	4,898,485	49.8
30	0.00694	679	0.00139	97,863	487,618	0.99193	4,408,014	45.0
35	0.00921	895	0.00185	97,184	483,683	0.98822	3,920,396	40.3
40	0.01436	1,383	0.00289	96,289	477,987	0.98045	3,436,714	35.7
45	0.02481	2,354	0.00502	94,906	468,644	0.96768	2,958,726	31.2
50	0.04003	3,705	0.00817	92,552	453,496	0.95508	2,490,082	26.9
55	0.05000	4,443	0.01026	88,847	433,127	0.93632	2,036,587	22.9
60	0.07807	6,589	0.01625	84,404	405,547	0.90691	1,603,460	19.0
65	0.10938	8,511	0.02314	77,815	367,796	0.86409	1,197,913	15.4
70	0.16570	11,484	0.03613	69,304	317,808	0.78251	830,117	12.0
75	0.27955	16,164	0.06500	57,820	248,689	0.51457 ^c	512,309	8.9
80+	1.00000	41,656	0.15802	41,656	263,620	-	263,620	6.3
Lelaki <i>Male</i>								
0	0.00755	755	0.00760	100,000	99,294	0.99189 ^a	7,107,705	71.1
1	0.00140	139	0.00035	99,245	396,651	0.99873 ^b	7,008,411	70.6
5	0.00087	86	0.00017	99,106	495,315	0.99893	6,611,760	66.7
10	0.00127	125	0.00025	99,020	494,787	0.99744	6,116,445	61.8
15	0.00386	382	0.00077	98,895	493,519	0.99533	5,621,658	56.8
20	0.00547	539	0.00110	98,513	491,217	0.99440	5,128,139	52.1
25	0.00573	562	0.00115	97,974	488,464	0.99281	4,636,922	47.3
30	0.00865	843	0.00174	97,412	484,952	0.98963	4,148,459	42.6
35	0.01211	1,170	0.00244	96,569	479,921	0.98467	3,663,506	37.9
40	0.01859	1,773	0.00375	95,399	472,564	0.97381	3,183,585	33.4
45	0.03395	3,178	0.00691	93,626	460,186	0.95657	2,711,021	29.0
50	0.05324	4,816	0.01094	90,448	440,202	0.94056	2,250,834	24.9
55	0.06598	5,650	0.01365	85,633	414,038	0.91720	1,810,632	21.1
60	0.10081	8,063	0.02123	79,983	379,756	0.88105	1,396,594	17.5
65	0.13912	10,006	0.02990	71,920	334,584	0.83314	1,016,838	14.1
70	0.19908	12,326	0.04422	61,914	278,754	0.74590	682,254	11.0
75	0.32278	16,006	0.07698	49,588	207,924	0.48470 ^c	403,500	8.1
80+	1.00000	33,582	0.17171	33,582	195,576	-	195,576	5.8

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.7: Jadual hayat ringkas mengikut jantina dan umur, Perak, 2020 (samb.)

Table 3.7: Abridged life table by sex and age, Perak, 2020 (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00695	695	0.00699	100,000	99,354	0.99255 ^a	7,674,630	76.7
1	0.00121	120	0.00030	99,305	396,923	0.99894 ^b	7,575,276	76.3
5	0.00071	70	0.00014	99,185	495,751	0.99922	7,178,353	72.4
10	0.00085	84	0.00017	99,115	495,365	0.99898	6,682,602	67.4
15	0.00119	118	0.00024	99,031	494,860	0.99844	6,187,237	62.5
20	0.00193	191	0.00039	98,913	494,088	0.99738	5,692,377	57.5
25	0.00331	327	0.00066	98,722	492,792	0.99598	5,198,289	52.7
30	0.00473	466	0.00095	98,395	490,810	0.99481	4,705,498	47.8
35	0.00564	552	0.00113	97,929	488,265	0.99247	4,214,687	43.0
40	0.00943	918	0.00189	97,377	484,589	0.98747	3,726,422	38.3
45	0.01565	1,510	0.00316	96,459	478,519	0.97855	3,241,833	33.6
50	0.02733	2,595	0.00554	94,949	468,257	0.96912	2,763,314	29.1
55	0.03454	3,189	0.00703	92,354	453,795	0.95471	2,295,057	24.9
60	0.05644	5,032	0.01162	89,164	433,241	0.93146	1,841,262	20.7
65	0.08136	6,845	0.01696	84,132	403,547	0.89306	1,408,021	16.7
70	0.13478	10,417	0.02890	77,287	360,391	0.81593	1,004,474	13.0
75	0.24104	16,118	0.05481	66,870	294,053	0.54345 ^c	644,083	9.6
80+	1.00000	50,751	0.14499	50,751	350,030	-	350,030	6.9

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.8: Jadual hayat ringkas mengikut jantina dan umur, Perlis, 2020

Table 3.8: Abridged life table by sex and age, Perlis, 2020

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00804	804	0.00810	100,000	99,255	0.99124 ^a	7,281,006	72.8
1	0.00168	167	0.00042	99,196	396,367	0.99835 ^b	7,181,751	72.4
5	0.00137	136	0.00028	99,029	494,803	0.99872	6,785,384	68.5
10	0.00118	117	0.00024	98,893	494,171	0.99826	6,290,580	63.6
15	0.00229	226	0.00046	98,776	493,314	0.99734	5,796,409	58.7
20	0.00304	299	0.00061	98,550	492,000	0.99534	5,303,095	53.8
25	0.00629	618	0.00126	98,250	489,706	0.99342	4,811,096	49.0
30	0.00686	670	0.00138	97,632	486,486	0.99104	4,321,390	44.3
35	0.01107	1,073	0.00223	96,962	482,129	0.98834	3,834,904	39.6
40	0.01227	1,176	0.00247	95,889	476,505	0.98096	3,352,775	35.0
45	0.02589	2,452	0.00525	94,713	467,433	0.96486	2,876,271	30.4
50	0.04463	4,117	0.00913	92,260	451,008	0.94905	2,408,838	26.1
55	0.05757	5,074	0.01185	88,143	428,030	0.92656	1,957,830	22.2
60	0.09028	7,499	0.01891	83,069	396,597	0.89817	1,529,800	18.4
65	0.11453	8,655	0.02430	75,570	356,211	0.85298	1,133,203	15.0
70	0.18371	12,293	0.04046	66,915	303,841	0.76940	776,992	11.6
75	0.28805	15,734	0.06730	54,622	233,775	0.50592 ^c	473,151	8.7
80+	1.00000	38,888	0.16246	38,888	239,376	-	239,376	6.2
Lelaki <i>Male</i>								
0	0.00824	824	0.00830	100,000	99,231	0.99115 ^a	7,018,250	70.2
1	0.00154	153	0.00039	99,176	396,342	0.99809 ^b	6,919,019	69.8
5	0.00198	196	0.00040	99,023	494,627	0.99820	6,522,676	65.9
10	0.00162	160	0.00032	98,827	493,738	0.99769	6,028,050	61.0
15	0.00300	296	0.00060	98,668	492,598	0.99622	5,534,312	56.1
20	0.00456	449	0.00091	98,372	490,737	0.99352	5,041,713	51.3
25	0.00841	824	0.00169	97,923	487,556	0.99113	4,550,976	46.5
30	0.00934	907	0.00188	97,099	483,229	0.98829	4,063,420	41.8
35	0.01409	1,355	0.00284	96,192	477,573	0.98379	3,580,191	37.2
40	0.01837	1,742	0.00371	94,837	469,829	0.97228	3,102,618	32.7
45	0.03725	3,468	0.00759	93,095	456,804	0.95435	2,632,789	28.3
50	0.05437	4,873	0.01118	89,627	435,951	0.93659	2,175,986	24.3
55	0.07297	6,185	0.01515	84,754	408,307	0.90798	1,740,035	20.5
60	0.11257	8,845	0.02386	78,569	370,735	0.87146	1,331,727	16.9
65	0.14653	10,217	0.03162	69,725	323,082	0.82416	960,992	13.8
70	0.21019	12,508	0.04697	59,508	266,270	0.73336	637,911	10.7
75	0.33810	15,891	0.08138	47,000	195,273	0.47456 ^c	371,641	7.9
80+	1.00000	31,109	0.17639	31,109	176,368	-	176,368	5.7

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.8: Jadual hayat ringkas mengikut jantina dan umur, Perlis, 2020 (samb.)

Table 3.8: Abridged life table by sex and age, Perlis, 2020 (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00784	784	0.00790	100,000	99,273	0.99137 ^a	7,556,919	75.6
1	0.00183	181	0.00046	99,216	396,412	0.99861 ^b	7,457,645	75.2
5	0.00072	71	0.00014	99,034	494,994	0.99929	7,061,234	71.3
10	0.00071	70	0.00014	98,963	494,642	0.99889	6,566,240	66.4
15	0.00151	149	0.00030	98,893	494,094	0.99848	6,071,598	61.4
20	0.00153	152	0.00031	98,744	493,342	0.99728	5,577,504	56.5
25	0.00390	385	0.00078	98,593	492,002	0.99595	5,084,162	51.6
30	0.00421	413	0.00084	98,208	490,008	0.99395	4,592,160	46.8
35	0.00790	773	0.00159	97,795	487,043	0.99285	4,102,152	41.9
40	0.00640	621	0.00128	97,022	483,560	0.98825	3,615,108	37.3
45	0.01714	1,652	0.00346	96,402	477,878	0.97371	3,131,548	32.5
50	0.03560	3,373	0.00725	94,750	465,316	0.96079	2,653,670	28.0
55	0.04296	3,926	0.00878	91,377	447,069	0.94405	2,188,354	23.9
60	0.06951	6,079	0.01440	87,451	422,057	0.92135	1,741,285	19.9
65	0.08846	7,198	0.01851	81,372	388,864	0.87800	1,319,228	16.2
70	0.15879	11,778	0.03450	74,174	341,422	0.80243	930,364	12.5
75	0.24367	15,204	0.05550	62,395	273,966	0.53482 ^c	588,942	9.4
80+	1.00000	47,191	0.14983	47,191	314,975	-	314,975	6.7

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.9: Jadual hayat ringkas mengikut jantina dan umur, Pulau Pinang, 2020

Table 3.9: Abridged life table by sex and age, Pulau Pinang, 2020

Umur Age	Kebbarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	$n d_x$	$n m_x$	l_x	$n L_x$	$n S_x$	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00553	553	0.00556	100,000	99,484	0.99412 ^a	7,423,333	74.2
1	0.00084	84	0.00021	99,447	397,579	0.99908 ^b	7,323,849	73.6
5	0.00084	83	0.00017	99,363	496,605	0.99910	6,926,270	69.7
10	0.00097	96	0.00019	99,279	496,156	0.99828	6,429,665	64.8
15	0.00248	246	0.00050	99,183	495,302	0.99737	5,933,509	59.8
20	0.00279	276	0.00056	98,938	493,998	0.99722	5,438,207	55.0
25	0.00277	273	0.00055	98,662	492,625	0.99619	4,944,209	50.1
30	0.00486	478	0.00097	98,389	490,748	0.99417	4,451,584	45.2
35	0.00681	667	0.00137	97,911	487,887	0.99043	3,960,836	40.5
40	0.01235	1,201	0.00248	97,244	483,219	0.98481	3,472,949	35.7
45	0.01806	1,735	0.00365	96,043	475,880	0.97654	2,989,730	31.1
50	0.02896	2,731	0.00588	94,308	464,715	0.96301	2,513,850	26.7
55	0.04526	4,144	0.00926	91,577	447,526	0.94394	2,049,136	22.4
60	0.06737	5,891	0.01394	87,433	422,438	0.90977	1,601,609	18.3
65	0.11474	9,356	0.02434	81,542	384,321	0.84335	1,179,171	14.5
70	0.20399	14,726	0.04543	72,186	324,117	0.73651	794,850	11.0
75	0.33823	19,435	0.08142	57,461	238,716	0.49288 ^c	470,733	8.2
80+	1.00000	38,026	0.16389	38,026	232,017	-	232,017	6.1
Lelaki <i>Male</i>								
0	0.00582	582	0.00585	100,000	99,452	0.99384 ^a	7,203,067	72.0
1	0.00086	85	0.00021	99,418	397,469	0.99906 ^b	7,103,614	71.5
5	0.00083	82	0.00017	99,333	496,457	0.99906	6,706,145	67.5
10	0.00106	105	0.00021	99,250	495,989	0.99766	6,209,688	62.6
15	0.00362	359	0.00073	99,145	494,829	0.99614	5,713,699	57.6
20	0.00410	405	0.00082	98,786	492,919	0.99608	5,218,870	52.8
25	0.00375	369	0.00075	98,381	490,984	0.99472	4,725,951	48.0
30	0.00682	669	0.00137	98,013	488,391	0.99203	4,234,967	43.2
35	0.00912	888	0.00183	97,344	484,500	0.98751	3,746,576	38.5
40	0.01589	1,533	0.00320	96,456	478,448	0.97971	3,262,076	33.8
45	0.02476	2,350	0.00501	94,923	468,741	0.96870	2,783,628	29.3
50	0.03800	3,518	0.00775	92,573	454,071	0.95199	2,314,886	25.0
55	0.05841	5,201	0.01203	89,055	432,273	0.92863	1,860,815	20.9
60	0.08515	7,140	0.01779	83,854	401,420	0.88961	1,428,542	17.0
65	0.13799	10,585	0.02964	76,714	357,106	0.81544	1,027,122	13.4
70	0.23859	15,777	0.05418	66,129	291,199	0.69833	670,016	10.1
75	0.38451	19,361	0.09521	50,351	203,353	0.46319 ^c	378,817	7.5
80+	1.00000	30,990	0.17662	30,990	175,464	-	175,464	5.7

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.9: Jadual hayat ringkas mengikut jantina dan umur, Pulau Pinang, 2020 (samb.)

Table 3.9: Abridged life table by sex and age, Pulau Pinang, 2020 (cont'd)

Umur <i>Age</i>	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00521	521	0.00524	100,000	99,513	0.99444 ^a	7,673,789	76.7
1	0.00083	83	0.00021	99,479	397,709	0.99909 ^b	7,574,276	76.1
5	0.00085	85	0.00017	99,396	496,768	0.99914	7,176,567	72.2
10	0.00087	86	0.00017	99,311	496,341	0.99893	6,679,799	67.3
15	0.00128	127	0.00026	99,225	495,808	0.99868	6,183,458	62.3
20	0.00137	135	0.00027	99,098	495,151	0.99848	5,687,651	57.4
25	0.00167	165	0.00033	98,963	494,399	0.99772	5,192,499	52.5
30	0.00288	285	0.00058	98,797	493,273	0.99638	4,698,100	47.6
35	0.00436	429	0.00087	98,512	491,488	0.99357	4,204,827	42.7
40	0.00850	834	0.00171	98,083	488,330	0.99022	3,713,339	37.9
45	0.01107	1,076	0.00223	97,249	483,555	0.98460	3,225,010	33.2
50	0.01979	1,903	0.00400	96,173	476,107	0.97428	2,741,455	28.5
55	0.03177	2,995	0.00646	94,270	463,862	0.95954	2,265,348	24.0
60	0.04944	4,513	0.01014	91,275	445,092	0.92969	1,801,486	19.7
65	0.09227	8,006	0.01935	86,762	413,796	0.87066	1,356,394	15.6
70	0.17018	13,403	0.03720	78,756	360,275	0.77290	942,599	12.0
75	0.29570	19,325	0.06940	65,354	278,455	0.52182 ^c	582,324	8.9
80+	1.00000	46,028	0.15147	46,028	303,869	-	303,869	6.6

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
Notes: From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.10: Jadual hayat ringkas mengikut jantina dan umur, Sabah, 2020

Table 3.10: Abridged life table by sex and age, Sabah, 2020

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00832	832	0.00839	100,000	99,230	0.99103 ^a	7,433,451	74.3
1	0.00155	154	0.00039	99,168	396,287	0.99833 ^b	7,334,221	74.0
5	0.00153	151	0.00031	99,014	494,690	0.99859	6,937,934	70.1
10	0.00128	127	0.00026	98,862	493,994	0.99835	6,443,244	65.2
15	0.00202	200	0.00041	98,735	493,178	0.99752	5,949,250	60.3
20	0.00295	290	0.00059	98,536	491,952	0.99678	5,456,073	55.4
25	0.00349	343	0.00070	98,245	490,369	0.99573	4,964,121	50.5
30	0.00505	494	0.00101	97,902	488,276	0.99377	4,473,752	45.7
35	0.00742	723	0.00149	97,408	485,233	0.98934	3,985,476	40.9
40	0.01392	1,346	0.00280	96,685	480,062	0.98179	3,500,243	36.2
45	0.02256	2,150	0.00456	95,340	471,321	0.97001	3,020,181	31.7
50	0.03759	3,503	0.00766	93,189	457,189	0.95187	2,548,859	27.4
55	0.05908	5,299	0.01218	89,686	435,185	0.92782	2,091,671	23.3
60	0.08610	7,266	0.01799	84,388	403,774	0.91401	1,656,486	19.6
65	0.08588	6,623	0.01795	77,122	369,053	0.88794	1,252,712	16.2
70	0.14070	9,920	0.03027	70,499	327,697	0.80407	883,660	12.5
75	0.26020	15,763	0.05982	60,580	263,490	0.52607 ^c	555,963	9.2
80+	1.00000	44,816	0.15323	44,816	292,473	-	292,473	6.5
Lelaki <i>Male</i>								
0	0.00865	865	0.00872	100,000	99,193	0.99065 ^a	7,263,830	72.6
1	0.00172	171	0.00043	99,135	396,133	0.99818 ^b	7,164,637	72.3
5	0.00159	158	0.00032	98,964	494,424	0.99849	6,768,504	68.4
10	0.00143	141	0.00029	98,806	493,677	0.99801	6,274,080	63.5
15	0.00255	252	0.00051	98,665	492,694	0.99678	5,780,403	58.6
20	0.00389	383	0.00078	98,413	491,107	0.99593	5,287,710	53.7
25	0.00424	416	0.00085	98,030	489,110	0.99469	4,796,603	48.9
30	0.00638	623	0.00128	97,614	486,513	0.99241	4,307,493	44.1
35	0.00881	855	0.00177	96,991	482,820	0.98712	3,820,979	39.4
40	0.01699	1,633	0.00343	96,137	476,600	0.97795	3,338,160	34.7
45	0.02721	2,571	0.00552	94,504	466,089	0.96443	2,861,560	30.3
50	0.04417	4,060	0.00903	91,932	449,509	0.94276	2,395,470	26.1
55	0.07092	6,232	0.01471	87,872	423,778	0.91563	1,945,961	22.1
60	0.09884	8,070	0.02080	81,640	388,024	0.89905	1,522,184	18.6
65	0.10328	7,598	0.02178	73,570	348,854	0.86971	1,134,160	15.4
70	0.16042	10,583	0.03488	65,972	303,401	0.78190	785,305	11.9
75	0.28681	15,886	0.06697	55,389	237,228	0.50773 ^c	481,904	8.7
80+	1.00000	39,503	0.16145	39,503	244,676	-	244,676	6.2

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.10: Jadual hayat ringkas mengikut jantina dan umur, Sabah, 2020 (samb.)

Table 3.10: Abridged life table by sex and age, Sabah, 2020 (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	${}_nq_x$	${}_nd_x$	${}_nm_x$	l_x	${}_nL_x$	${}_nS_x$	T_x	e_x
Perempuan <i>Female</i>								
0	0.00796	796	0.00802	100,000	99,262	0.99148 ^a	7,637,066	76.4
1	0.00136	135	0.00034	99,204	396,478	0.99846 ^b	7,537,804	76.0
5	0.00146	145	0.00029	99,068	494,979	0.99870	7,141,326	72.1
10	0.00113	112	0.00023	98,923	494,338	0.99873	6,646,347	67.2
15	0.00141	139	0.00028	98,812	493,711	0.99833	6,152,009	62.3
20	0.00193	190	0.00039	98,673	492,889	0.99770	5,658,298	57.3
25	0.00267	263	0.00054	98,483	491,756	0.99685	5,165,409	52.4
30	0.00362	356	0.00073	98,219	490,207	0.99525	4,673,653	47.6
35	0.00588	576	0.00118	97,864	487,878	0.99177	4,183,446	42.7
40	0.01058	1,029	0.00213	97,288	483,865	0.98598	3,695,568	38.0
45	0.01749	1,683	0.00353	96,258	477,084	0.97620	3,211,703	33.4
50	0.03022	2,858	0.00614	94,575	465,731	0.96198	2,734,619	28.9
55	0.04607	4,226	0.00943	91,717	448,022	0.94184	2,268,888	24.7
60	0.07084	6,197	0.01469	87,492	421,964	0.93096	1,820,866	20.8
65	0.06710	5,455	0.01389	81,294	392,832	0.90732	1,398,902	17.2
70	0.12010	9,108	0.02556	75,839	356,423	0.82733	1,006,070	13.3
75	0.23242	15,510	0.05260	66,730	294,878	0.54610 ^c	649,647	9.7
80+	1.00000	51,221	0.14438	51,221	354,770	-	354,770	6.9

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
Notes: From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.11: Jadual hayat ringkas mengikut jantina dan umur, Sarawak, 2020

Table 3.11: Abridged life table by sex and age, Sarawak, 2020

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00715	715	0.00720	100,000	99,336	0.99222 ^a	7,505,366	75.1
1	0.00147	146	0.00037	99,285	396,776	0.99866 ^b	7,406,030	74.6
5	0.00100	99	0.00020	99,139	495,446	0.99887	7,009,254	70.7
10	0.00125	124	0.00025	99,040	494,887	0.99820	6,513,808	65.8
15	0.00234	232	0.00047	98,915	493,997	0.99691	6,018,921	60.8
20	0.00384	379	0.00077	98,683	492,469	0.99574	5,524,924	56.0
25	0.00468	460	0.00094	98,304	490,370	0.99448	5,032,454	51.2
30	0.00636	622	0.00128	97,844	487,664	0.99198	4,542,084	46.4
35	0.00969	942	0.00195	97,222	483,753	0.98787	4,054,420	41.7
40	0.01460	1,406	0.00294	96,280	477,883	0.98205	3,570,668	37.1
45	0.02135	2,026	0.00432	94,874	469,304	0.97381	3,092,785	32.6
50	0.03114	2,891	0.00633	92,848	457,011	0.96452	2,623,481	28.3
55	0.03995	3,594	0.00815	89,956	440,798	0.94991	2,166,471	24.1
60	0.06066	5,239	0.01251	86,363	418,718	0.92468	1,725,673	20.0
65	0.09093	7,376	0.01905	81,124	387,180	0.87940	1,306,955	16.1
70	0.15323	11,300	0.03319	73,748	340,488	0.79906	919,775	12.5
75	0.25728	16,067	0.05905	62,447	272,070	0.53034 ^c	579,287	9.3
80+	1.00000	46,381	0.15097	46,381	307,216	-	307,216	6.6
Lelaki <i>Male</i>								
0	0.00759	759	0.00764	100,000	99,290	0.99184 ^a	7,289,324	72.9
1	0.00142	141	0.00036	99,241	396,631	0.99859 ^b	7,190,034	72.5
5	0.00113	112	0.00023	99,100	495,223	0.99875	6,793,403	68.6
10	0.00137	136	0.00027	98,989	494,604	0.99759	6,298,180	63.6
15	0.00345	341	0.00069	98,853	493,412	0.99555	5,803,576	58.7
20	0.00547	539	0.00110	98,512	491,214	0.99408	5,310,164	53.9
25	0.00638	625	0.00128	97,974	488,305	0.99267	4,818,950	49.2
30	0.00829	807	0.00166	97,349	484,725	0.98956	4,330,644	44.5
35	0.01260	1,217	0.00254	96,542	479,666	0.98396	3,845,919	39.8
40	0.01951	1,860	0.00394	95,325	471,975	0.97643	3,366,253	35.3
45	0.02772	2,591	0.00562	93,465	460,849	0.96642	2,894,278	31.0
50	0.03961	3,599	0.00808	90,875	445,374	0.95536	2,433,429	26.8
55	0.04988	4,353	0.01023	87,275	425,493	0.93779	1,988,055	22.8
60	0.07519	6,235	0.01562	82,922	399,023	0.90835	1,562,562	18.8
65	0.10944	8,393	0.02316	76,687	362,454	0.85887	1,163,539	15.2
70	0.17671	12,068	0.03877	68,294	311,302	0.77293	801,085	11.7
75	0.28824	16,207	0.06736	56,226	240,614	0.50873 ^c	489,783	8.7
80+	1.00000	40,019	0.16061	40,019	249,169	-	249,169	6.2

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.11: Jadual hayat ringkas mengikut jantina dan umur, Sarawak, 2020 (samb.)

Table 3.11: Abridged life table by sex and age, Sarawak, 2020 (cont'd)

Umur <i>Age</i>	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	${}_nq_x$	${}_nd_x$	${}_nm_x$	l_x	${}_nL_x$	${}_nS_x$	T_x	e_x
Perempuan <i>Female</i>								
0	0.00669	669	0.00673	100,000	99,378	0.99265 ^a	7,755,354	77.6
1	0.00152	151	0.00038	99,331	396,949	0.99871 ^b	7,655,976	77.1
5	0.00087	86	0.00017	99,180	495,685	0.99900	7,259,027	73.2
10	0.00113	112	0.00023	99,094	495,190	0.99886	6,763,342	68.3
15	0.00116	115	0.00023	98,982	494,623	0.99839	6,268,152	63.3
20	0.00207	204	0.00041	98,867	493,825	0.99759	5,773,529	58.4
25	0.00275	271	0.00055	98,663	492,636	0.99656	5,279,704	53.5
30	0.00414	407	0.00083	98,392	490,941	0.99473	4,787,067	48.7
35	0.00640	627	0.00128	97,985	488,355	0.99213	4,296,126	43.8
40	0.00935	910	0.00188	97,357	484,512	0.98804	3,807,772	39.1
45	0.01460	1,408	0.00294	96,447	478,716	0.98154	3,323,260	34.5
50	0.02238	2,127	0.00453	95,039	469,877	0.97413	2,844,544	29.9
55	0.02943	2,735	0.00597	92,912	457,722	0.96246	2,374,667	25.6
60	0.04589	4,138	0.00939	90,177	440,540	0.94154	1,916,945	21.3
65	0.07165	6,165	0.01486	86,039	414,785	0.90023	1,476,404	17.2
70	0.13007	10,389	0.02782	79,875	373,400	0.82475	1,061,620	13.3
75	0.22718	15,786	0.05126	69,485	307,962	0.55252 ^c	688,220	9.9
80+	1.00000	53,699	0.14122	53,699	380,258	-	380,258	7.1

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
Notes: From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.12: Jadual hayat ringkas mengikut jantina dan umur, Selangor, 2020

Table 3.12: Abridged life table by sex and age, Selangor, 2020

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00562	562	0.00565	100,000	99,475	0.99397 ^a	7,739,404	77.4
1	0.00098	97	0.00024	99,438	397,510	0.99911 ^b	7,639,928	76.8
5	0.00065	65	0.00013	99,341	496,542	0.99927	7,242,418	72.9
10	0.00081	80	0.00016	99,276	496,179	0.99853	6,745,876	68.0
15	0.00214	212	0.00043	99,196	495,448	0.99757	6,249,697	63.0
20	0.00273	270	0.00055	98,983	494,242	0.99713	5,754,249	58.1
25	0.00300	296	0.00060	98,713	492,825	0.99689	5,260,008	53.3
30	0.00323	317	0.00065	98,417	491,291	0.99580	4,767,182	48.4
35	0.00517	508	0.00104	98,099	489,228	0.99240	4,275,891	43.6
40	0.01004	980	0.00202	97,592	485,510	0.98695	3,786,663	38.8
45	0.01610	1,555	0.00325	96,612	479,172	0.97894	3,301,154	34.2
50	0.02610	2,481	0.00529	95,057	469,083	0.96654	2,821,981	29.7
55	0.04102	3,798	0.00838	92,576	453,387	0.94864	2,352,899	25.4
60	0.06214	5,516	0.01283	88,779	430,103	0.93155	1,899,511	21.4
65	0.07519	6,261	0.01563	83,262	400,660	0.90848	1,469,409	17.6
70	0.10917	8,406	0.02309	77,002	363,993	0.84985	1,068,749	13.9
75	0.19617	13,456	0.04350	68,596	309,338	0.56107 ^c	704,756	10.3
80+	1.00000	55,140	0.13945	55,140	395,418	-	395,418	7.2
Lelaki <i>Male</i>								
0	0.00587	587	0.00590	100,000	99,448	0.99372 ^a	7,553,794	75.5
1	0.00101	100	0.00025	99,413	397,414	0.99905 ^b	7,454,347	75.0
5	0.00069	69	0.00014	99,313	496,390	0.99918	7,056,932	71.1
10	0.00094	93	0.00019	99,244	495,986	0.99803	6,560,542	66.1
15	0.00300	297	0.00060	99,151	495,010	0.99665	6,064,557	61.2
20	0.00369	365	0.00074	98,853	493,354	0.99624	5,569,547	56.3
25	0.00383	377	0.00077	98,488	491,498	0.99594	5,076,193	51.5
30	0.00429	421	0.00086	98,111	489,503	0.99455	4,584,695	46.7
35	0.00662	646	0.00133	97,690	486,836	0.99029	4,095,192	41.9
40	0.01282	1,244	0.00258	97,044	482,109	0.98346	3,608,356	37.2
45	0.02030	1,944	0.00410	95,800	474,137	0.97308	3,126,247	32.6
50	0.03367	3,160	0.00685	93,855	461,375	0.95776	2,652,110	28.3
55	0.05110	4,635	0.01049	90,695	441,887	0.93721	2,190,736	24.2
60	0.07512	6,464	0.01561	86,060	414,138	0.91838	1,748,849	20.3
65	0.08865	7,056	0.01855	79,595	380,338	0.89108	1,334,711	16.8
70	0.13116	9,514	0.02807	72,540	338,913	0.82803	954,373	13.2
75	0.21894	13,799	0.04917	63,026	280,632	0.54403 ^c	615,460	9.8
80+	1.00000	49,227	0.14702	49,227	334,828	-	334,828	6.8

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.12: Jadual hayat ringkas mengikut jantina dan umur, Selangor, 2020 (samb.)

Table 3.12: Abridged life table by sex and age, Selangor, 2020 (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00536	536	0.00539	100,000	99,499	0.99424 ^a	7,960,118	79.6
1	0.00094	94	0.00024	99,464	397,622	0.99915 ^b	7,860,619	79.0
5	0.00061	60	0.00012	99,370	496,699	0.99936	7,462,997	75.1
10	0.00068	67	0.00014	99,310	496,380	0.99907	6,966,298	70.1
15	0.00118	117	0.00024	99,242	495,920	0.99868	6,469,918	65.2
20	0.00146	144	0.00029	99,125	495,266	0.99831	5,973,998	60.3
25	0.00193	191	0.00039	98,981	494,427	0.99802	5,478,731	55.4
30	0.00203	200	0.00041	98,790	493,449	0.99721	4,984,305	50.5
35	0.00356	351	0.00071	98,590	492,070	0.99486	4,490,856	45.6
40	0.00672	660	0.00135	98,238	489,541	0.99101	3,998,786	40.7
45	0.01127	1,100	0.00227	97,578	485,140	0.98559	3,509,245	36.0
50	0.01759	1,697	0.00355	96,478	478,147	0.97648	3,024,105	31.3
55	0.02956	2,802	0.00600	94,781	466,900	0.96151	2,545,957	26.9
60	0.04769	4,386	0.00977	91,979	448,929	0.94604	2,079,057	22.6
65	0.06054	5,303	0.01249	87,593	424,707	0.92574	1,630,128	18.6
70	0.08887	7,313	0.01860	82,290	393,167	0.87035	1,205,421	14.6
75	0.17440	13,076	0.03821	74,977	342,194	0.57871 ^c	812,254	10.8
80+	1.00000	61,901	0.13169	61,901	470,060	-	470,060	7.6

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.13: Jadual hayat ringkas mengikut jantina dan umur, Terengganu, 2020

Table 3.13: Abridged life table by sex and age, Terengganu, 2020

Umur Age	Kebangkitan mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakutan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00746	746	0.00751	100,000	99,308	0.99201 ^a	7,167,417	71.7
1	0.00130	129	0.00033	99,254	396,695	0.99861 ^b	7,068,109	71.2
5	0.00125	124	0.00025	99,125	495,316	0.99859	6,671,413	67.3
10	0.00157	156	0.00031	99,001	494,618	0.99747	6,176,097	62.4
15	0.00348	344	0.00070	98,846	493,369	0.99627	5,681,479	57.5
20	0.00398	392	0.00080	98,502	491,527	0.99545	5,188,111	52.7
25	0.00513	503	0.00103	98,109	489,289	0.99372	4,696,583	47.9
30	0.00744	727	0.00149	97,606	486,215	0.99072	4,207,295	43.1
35	0.01113	1,079	0.00224	96,880	481,702	0.98452	3,721,080	38.4
40	0.01988	1,905	0.00402	95,801	474,243	0.97683	3,239,377	33.8
45	0.02653	2,491	0.00538	93,896	463,253	0.96612	2,765,134	29.4
50	0.04143	3,787	0.00846	91,405	447,558	0.94926	2,301,881	25.2
55	0.06045	5,296	0.01247	87,618	424,849	0.92126	1,854,323	21.2
60	0.09822	8,085	0.02066	82,322	391,395	0.88452	1,429,473	17.4
65	0.13462	9,994	0.02887	74,236	346,197	0.82755	1,038,078	14.0
70	0.21617	13,887	0.04847	64,242	286,494	0.73243	691,882	10.8
75	0.33316	16,776	0.07995	50,355	209,835	0.48238 ^c	405,388	8.1
80+	1.00000	33,579	0.17171	33,579	195,552	-	195,552	5.8
Lelaki <i>Male</i>								
0	0.00765	765	0.00770	100,000	99,285	0.99166 ^a	6,912,044	69.1
1	0.00168	166	0.00042	99,235	396,548	0.99822 ^b	6,812,759	68.7
5	0.00160	158	0.00032	99,069	494,951	0.99831	6,416,212	64.8
10	0.00179	177	0.00036	98,911	494,114	0.99656	5,921,261	59.9
15	0.00510	503	0.00102	98,734	492,414	0.99460	5,427,148	55.0
20	0.00570	560	0.00114	98,231	489,756	0.99406	4,934,734	50.2
25	0.00619	604	0.00124	97,671	486,846	0.99219	4,444,978	45.5
30	0.00944	916	0.00190	97,067	483,046	0.98785	3,958,132	40.8
35	0.01489	1,432	0.00300	96,151	477,176	0.97904	3,475,087	36.1
40	0.02713	2,570	0.00550	94,719	467,173	0.96840	2,997,910	31.7
45	0.03620	3,336	0.00737	92,150	452,408	0.95540	2,530,738	27.5
50	0.05330	4,734	0.01095	88,813	432,232	0.93601	2,078,330	23.4
55	0.07528	6,329	0.01564	84,079	404,573	0.90256	1,646,098	19.6
60	0.12141	9,439	0.02585	77,750	365,151	0.86073	1,241,525	16.0
65	0.15960	10,902	0.03469	68,311	314,297	0.79466	876,374	12.8
70	0.25976	14,912	0.05971	57,408	249,761	0.68770	562,077	9.8
75	0.38328	16,288	0.09483	42,496	171,761	0.45004 ^c	312,316	7.3
80+	1.00000	26,208	0.18646	26,208	140,556	-	140,556	5.4

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.13: Jadual hayat ringkas mengikut jantina dan umur, Terengganu, 2020 (samb.)

Table 3.13: Abridged life table by sex and age, Terengganu, 2020 (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00726	726	0.00731	100,000	99,326	0.99239 ^a	7,460,133	74.6
1	0.00093	92	0.00023	99,274	396,869	0.99899 ^b	7,360,807	74.1
5	0.00088	87	0.00018	99,182	495,695	0.99889	6,963,939	70.2
10	0.00135	133	0.00027	99,096	495,145	0.99846	6,468,244	65.3
15	0.00174	173	0.00035	98,962	494,380	0.99804	5,973,099	60.4
20	0.00218	216	0.00044	98,790	493,409	0.99695	5,478,719	55.5
25	0.00391	386	0.00078	98,574	491,905	0.99545	4,985,310	50.6
30	0.00519	509	0.00104	98,188	489,668	0.99398	4,493,405	45.8
35	0.00685	669	0.00137	97,679	486,722	0.99065	4,003,737	41.0
40	0.01186	1,151	0.00239	97,010	482,173	0.98571	3,517,015	36.3
45	0.01674	1,605	0.00338	95,859	475,284	0.97658	3,034,842	31.7
50	0.03022	2,848	0.00614	94,254	464,152	0.96197	2,559,557	27.2
55	0.04609	4,213	0.00943	91,406	446,500	0.93929	2,095,405	22.9
60	0.07604	6,630	0.01581	87,194	419,394	0.90766	1,648,905	18.9
65	0.10997	8,860	0.02327	80,564	380,669	0.86092	1,229,511	15.3
70	0.17178	12,318	0.03759	71,704	327,725	0.77404	848,842	11.8
75	0.29137	17,303	0.06821	59,386	253,673	0.51321 ^c	521,117	8.8
80+	1.00000	42,083	0.15735	42,083	267,445	-	267,445	6.4

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.14: Jadual hayat ringkas mengikut jantina dan umur, W.P. Kuala Lumpur, 2020

Table 3.14: Abridged life table by sex and age, W.P. Kuala Lumpur, 2020

Umur Age	Kebangkitan mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakutan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00386	386	0.00387	100,000	99,638	0.99589 ^a	7,640,361	76.4
1	0.00061	60	0.00015	99,614	398,307	0.99934 ^b	7,540,723	75.7
5	0.00062	62	0.00012	99,554	497,615	0.99939	7,142,416	71.7
10	0.00059	59	0.00012	99,492	497,313	0.99890	6,644,801	66.8
15	0.00162	161	0.00032	99,433	496,763	0.99752	6,147,488	61.8
20	0.00334	331	0.00067	99,272	495,533	0.99700	5,650,725	56.9
25	0.00265	263	0.00053	98,941	494,048	0.99734	5,155,193	52.1
30	0.00267	264	0.00053	98,678	492,732	0.99665	4,661,145	47.2
35	0.00404	397	0.00081	98,415	491,080	0.99450	4,168,412	42.4
40	0.00697	683	0.00140	98,017	488,380	0.99025	3,677,332	37.5
45	0.01255	1,222	0.00253	97,335	483,618	0.97878	3,188,952	32.8
50	0.02999	2,883	0.00609	96,113	473,356	0.96166	2,705,334	28.1
55	0.04695	4,377	0.00962	93,230	455,206	0.93297	2,231,977	23.9
60	0.08809	7,827	0.01843	88,852	424,695	0.90807	1,776,771	20.0
65	0.09614	7,790	0.02020	81,026	385,654	0.88489	1,352,076	16.7
70	0.13609	9,967	0.02921	73,236	341,263	0.82948	966,422	13.2
75	0.21038	13,310	0.04702	63,269	283,070	0.54720 ^c	625,159	9.9
80+	1.00000	49,959	0.14604	49,959	342,089	-	342,089	6.8
Lelaki <i>Male</i>								
0	0.00406	406	0.00407	100,000	99,616	0.99567 ^a	7,414,205	74.1
1	0.00068	67	0.00017	99,594	398,219	0.99921 ^b	7,314,588	73.4
5	0.00078	77	0.00016	99,527	497,442	0.99920	6,916,369	69.5
10	0.00082	82	0.00016	99,450	497,044	0.99842	6,418,927	64.5
15	0.00233	232	0.00047	99,368	496,261	0.99639	5,921,883	59.6
20	0.00489	484	0.00098	99,136	494,471	0.99560	5,425,623	54.7
25	0.00391	386	0.00078	98,652	492,295	0.99640	4,931,152	50.0
30	0.00328	322	0.00066	98,266	490,525	0.99586	4,438,856	45.2
35	0.00501	491	0.00100	97,944	488,492	0.99311	3,948,332	40.3
40	0.00879	856	0.00176	97,453	485,124	0.98798	3,459,840	35.5
45	0.01528	1,476	0.00308	96,597	479,294	0.97293	2,974,716	30.8
50	0.03905	3,714	0.00797	95,121	466,319	0.95032	2,495,421	26.2
55	0.06075	5,553	0.01253	91,407	443,150	0.91315	2,029,102	22.2
60	0.11464	9,843	0.02432	85,854	404,662	0.88371	1,585,952	18.5
65	0.11815	8,981	0.02511	76,011	357,603	0.86258	1,181,290	15.5
70	0.15926	10,675	0.03461	67,030	308,463	0.79900	823,687	12.3
75	0.25065	14,125	0.05731	56,355	246,461	0.52164 ^c	515,224	9.1
80+	1.00000	42,230	0.15713	42,230	268,763	-	268,763	6.4

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.14: Jadual hayat ringkas mengikut jantina dan umur, W.P. Kuala Lumpur, 2020 (samb.)

Table 3.14: Abridged life table by sex and age, W.P. Kuala Lumpur, 2020 (cont'd)

Umur <i>Age</i>	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00365	365	0.00366	100,000	99,657	0.99613 ^a	7,906,808	79.1
1	0.00053	53	0.00013	99,635	398,407	0.99946 ^b	7,807,151	78.4
5	0.00045	45	0.00009	99,582	497,796	0.99960	7,408,744	74.4
10	0.00034	34	0.00007	99,537	497,599	0.99942	6,910,948	69.4
15	0.00081	81	0.00016	99,503	497,311	0.99881	6,413,348	64.5
20	0.00157	156	0.00031	99,422	496,719	0.99862	5,916,037	59.5
25	0.00119	119	0.00024	99,266	496,033	0.99844	5,419,318	54.6
30	0.00193	191	0.00039	99,147	495,259	0.99763	4,923,285	49.7
35	0.00281	278	0.00056	98,956	494,087	0.99625	4,428,026	44.7
40	0.00470	464	0.00094	98,679	492,233	0.99315	3,933,938	39.9
45	0.00901	885	0.00181	98,214	488,861	0.98544	3,441,705	35.0
50	0.02017	1,963	0.00407	97,330	481,742	0.97363	2,952,845	30.3
55	0.03270	3,119	0.00665	95,367	469,037	0.95304	2,471,103	25.9
60	0.06170	5,692	0.01273	92,248	447,010	0.93234	2,002,066	21.7
65	0.07401	6,406	0.01537	86,556	416,765	0.90744	1,555,056	18.0
70	0.11259	9,024	0.02386	80,150	378,190	0.85895	1,138,291	14.2
75	0.17313	12,314	0.03791	71,126	324,846	0.57263 ^c	760,101	10.7
80+	1.00000	58,812	0.13512	58,812	435,255	-	435,255	7.4

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
Notes: From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.15: Jadual hayat ringkas mengikut jantina dan umur, W.P. Labuan, 2020

Table 3.15: Abridged life table by sex and age, W.P. Labuan, 2020

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00606	606	0.00610	100,000	99,435	0.99347 ^a	7,536,284	75.4
1	0.00112	111	0.00028	99,394	397,298	0.99895 ^b	7,436,849	74.8
5	0.00082	81	0.00016	99,282	496,209	0.99906	7,039,551	70.9
10	0.00107	106	0.00021	99,201	495,743	0.99851	6,543,341	66.0
15	0.00192	190	0.00038	99,096	495,003	0.99822	6,047,599	61.0
20	0.00164	162	0.00033	98,906	494,122	0.99737	5,552,596	56.1
25	0.00362	358	0.00073	98,743	492,823	0.99549	5,058,474	51.2
30	0.00540	531	0.00108	98,386	490,601	0.99513	4,565,650	46.4
35	0.00433	424	0.00087	97,855	488,213	0.99251	4,075,049	41.6
40	0.01065	1,038	0.00214	97,430	484,558	0.98611	3,586,836	36.8
45	0.01716	1,654	0.00346	96,393	477,827	0.97240	3,102,279	32.2
50	0.03822	3,621	0.00779	94,738	464,639	0.95918	2,624,451	27.7
55	0.04352	3,966	0.00890	91,117	445,672	0.94555	2,159,813	23.7
60	0.06587	5,741	0.01362	87,151	421,405	0.90861	1,714,141	19.7
65	0.11871	9,665	0.02524	81,411	382,892	0.87424	1,292,735	15.9
70	0.13375	9,596	0.02867	71,746	334,741	0.80842	909,843	12.7
75	0.25835	16,056	0.05933	62,150	270,611	0.52946 ^c	575,102	9.3
80+	1.00000	46,094	0.15138	46,094	304,491	-	304,491	6.6
Lelaki <i>Male</i>								
0	0.00708	708	0.00713	100,000	99,336	0.99219 ^a	7,358,055	73.6
1	0.00174	173	0.00044	99,292	396,758	0.99842 ^b	7,258,719	73.1
5	0.00114	113	0.00023	99,119	495,311	0.99883	6,861,961	69.2
10	0.00119	117	0.00024	99,006	494,734	0.99818	6,366,650	64.3
15	0.00246	243	0.00049	98,888	493,833	0.99723	5,871,916	59.4
20	0.00309	305	0.00062	98,645	492,463	0.99558	5,378,083	54.5
25	0.00574	565	0.00115	98,340	490,289	0.99364	4,885,620	49.7
30	0.00699	683	0.00140	97,775	487,169	0.99411	4,395,331	45.0
35	0.00479	465	0.00096	97,092	484,298	0.99145	3,908,163	40.3
40	0.01233	1,192	0.00248	96,627	480,156	0.98168	3,423,865	35.4
45	0.02437	2,326	0.00493	95,435	471,362	0.96411	2,943,709	30.8
50	0.04769	4,441	0.00977	93,109	454,445	0.95353	2,472,347	26.6
55	0.04518	4,006	0.00925	88,669	433,327	0.94255	2,017,902	22.8
60	0.07030	5,952	0.01457	84,662	408,432	0.88937	1,584,575	18.7
65	0.15401	12,122	0.03337	78,711	363,248	0.85110	1,176,142	14.9
70	0.14286	9,513	0.03077	66,588	309,160	0.79362	812,895	12.2
75	0.28049	16,009	0.06525	57,076	245,356	0.51293 ^c	503,735	8.8
80+	1.00000	41,067	0.15894	41,067	258,378	-	258,378	6.3

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.15: Jadual hayat ringkas mengikut jantina dan umur, W.P. Labuan, 2020 (samb.)

Table 3.15: Abridged life table by sex and age, W.P. Labuan, 2020 (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	${}_nq_x$	${}_nd_x$	${}_nm_x$	l_x	${}_nL_x$	${}_nS_x$	T_x	e_x
Perempuan <i>Female</i>								
0	0.00506	506	0.00508	100,000	99,527	0.99483 ^a	7,733,953	77.3
1	0.00036	36	0.00009	99,494	397,890	0.99953 ^b	7,634,426	76.7
5	0.00044	44	0.00009	99,459	497,186	0.99932	7,236,536	72.8
10	0.00092	92	0.00019	99,415	496,847	0.99882	6,739,350	67.8
15	0.00144	143	0.00029	99,323	496,259	0.99909	6,242,503	62.9
20	0.00038	38	0.00008	99,180	495,805	0.99905	5,746,245	57.9
25	0.00152	151	0.00030	99,142	495,334	0.99733	5,250,439	53.0
30	0.00383	379	0.00077	98,992	494,010	0.99620	4,755,105	48.0
35	0.00376	371	0.00075	98,612	492,134	0.99380	4,261,095	43.2
40	0.00866	850	0.00174	98,241	489,080	0.99035	3,768,961	38.4
45	0.01066	1,038	0.00214	97,391	484,359	0.98028	3,279,881	33.7
50	0.02887	2,782	0.00586	96,353	474,810	0.96486	2,795,522	29.0
55	0.04159	3,891	0.00849	93,571	458,128	0.94908	2,320,711	24.8
60	0.06067	5,441	0.01251	89,680	434,798	0.92915	1,862,584	20.8
65	0.08169	6,882	0.01703	84,239	403,991	0.89961	1,427,786	16.9
70	0.12075	9,341	0.02570	77,357	363,434	0.82428	1,023,795	13.2
75	0.23823	16,203	0.05409	68,016	299,572	0.54635 ^c	660,361	9.7
80+	1.00000	51,813	0.14361	51,813	360,788	-	360,788	7.0

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.16: Jadual hayat ringkas mengikut jantina dan umur, W.P. Putrajaya, 2020

Table 3.16: Abridged life table by sex and age, W.P. Putrajaya, 2020

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00785	785	0.00791	100,000	99,273	0.99202 ^a	7,453,204	74.5
1	0.00050	49	0.00012	99,215	396,737	0.99930 ^b	7,353,931	74.1
5	0.00067	67	0.00013	99,166	495,661	0.99915	6,957,194	70.2
10	0.00103	102	0.00021	99,099	495,238	0.99821	6,461,533	65.2
15	0.00254	251	0.00051	98,996	494,353	0.99613	5,966,295	60.3
20	0.00519	513	0.00104	98,745	492,442	0.99624	5,471,942	55.4
25	0.00233	229	0.00047	98,232	490,588	0.99767	4,979,500	50.7
30	0.00233	228	0.00047	98,003	489,447	0.99718	4,488,911	45.8
35	0.00331	324	0.00066	97,775	488,066	0.99508	3,999,465	40.9
40	0.00654	637	0.00131	97,451	485,664	0.99001	3,511,398	36.0
45	0.01347	1,304	0.00271	96,814	480,811	0.98102	3,025,735	31.3
50	0.02456	2,346	0.00497	95,510	471,686	0.96444	2,544,923	26.6
55	0.04683	4,363	0.00959	93,164	454,914	0.93008	2,073,237	22.3
60	0.09414	8,360	0.01976	88,802	423,108	0.89451	1,618,323	18.2
65	0.11802	9,494	0.02509	80,442	378,473	0.84693	1,195,215	14.9
70	0.19280	13,679	0.04267	70,948	320,542	0.76142	816,742	11.5
75	0.29529	16,911	0.06929	57,269	244,068	0.50813 ^c	496,200	8.7
80+	1.00000	40,358	0.16007	40,358	252,132	-	252,132	6.2
Lelaki <i>Male</i>								
0	0.00705	705	0.00710	100,000	99,339	0.99281 ^a	7,223,830	72.2
1	0.00048	47	0.00012	99,295	397,066	0.99919 ^b	7,124,491	71.8
5	0.00094	93	0.00019	99,247	496,004	0.99882	6,727,425	67.8
10	0.00143	142	0.00029	99,154	495,417	0.99686	6,231,421	62.8
15	0.00486	481	0.00097	99,012	493,859	0.99349	5,736,004	57.9
20	0.00817	805	0.00164	98,531	490,645	0.99415	5,242,145	53.2
25	0.00352	344	0.00070	97,726	487,773	0.99659	4,751,500	48.6
30	0.00330	322	0.00066	97,383	486,109	0.99639	4,263,727	43.8
35	0.00392	380	0.00079	97,061	484,354	0.99372	3,777,618	38.9
40	0.00865	837	0.00174	96,681	481,311	0.98928	3,293,264	34.1
45	0.01280	1,227	0.00258	95,844	476,153	0.97783	2,811,952	29.3
50	0.03167	2,997	0.00644	94,617	465,595	0.95843	2,335,799	24.7
55	0.05180	4,746	0.01064	91,621	446,239	0.92275	1,870,204	20.4
60	0.10409	9,043	0.02196	86,875	411,766	0.87625	1,423,965	16.4
65	0.14570	11,340	0.03143	77,832	360,809	0.80220	1,012,198	13.0
70	0.25878	17,207	0.05945	66,492	289,443	0.68110	651,389	9.8
75	0.40000	19,714	0.10000	49,285	197,141	0.45533 ^c	361,946	7.3
80+	1.00000	29,571	0.17943	29,571	164,806	-	164,806	5.6

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

Jadual 3.16: Jadual hayat ringkas mengikut jantina dan umur, W.P. Putrajaya, 2020 (samb.)

Table 3.16: Abridged life table by sex and age, W.P. Putrajaya, 2020 (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00865	865	0.00872	100,000	99,200	0.99122 ^a	7,672,392	76.7
1	0.00052	51	0.00013	99,135	396,411	0.99941 ^b	7,573,192	76.4
5	0.00040	39	0.00008	99,083	495,318	0.99950	7,176,781	72.4
10	0.00061	60	0.00012	99,044	495,069	0.99969	6,681,463	67.5
15	0.00000	-	0.00000	98,984	494,918	0.99883	6,186,394	62.5
20	0.00235	232	0.00047	98,984	494,337	0.99813	5,691,477	57.5
25	0.00139	137	0.00028	98,751	493,414	0.99853	5,197,139	52.6
30	0.00156	154	0.00031	98,614	492,687	0.99782	4,703,726	47.7
35	0.00280	276	0.00056	98,461	491,613	0.99644	4,211,039	42.8
40	0.00433	425	0.00087	98,185	489,861	0.99076	3,719,426	37.9
45	0.01418	1,386	0.00286	97,760	485,334	0.98419	3,229,566	33.0
50	0.01746	1,683	0.00352	96,374	477,662	0.97066	2,744,232	28.5
55	0.04143	3,923	0.00846	94,691	463,648	0.93725	2,266,569	23.9
60	0.08500	7,715	0.01775	90,768	434,552	0.91018	1,802,922	19.9
65	0.09510	7,898	0.01997	83,053	395,519	0.87884	1,368,370	16.5
70	0.14997	11,271	0.03243	75,155	347,596	0.81795	972,851	12.9
75	0.21978	14,040	0.04938	63,884	284,317	0.54528 ^c	625,256	9.8
80+	1.00000	49,843	0.14619	49,843	340,938	-	340,938	6.8

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

NEGERI/
STATE

2021^p



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Jadual 4.1: Jadual hayat ringkas mengikut jantina dan umur, Johor, 2021^p

Table 4.1: Abridged life table by sex and age, Johor, 2021^p

Umur Age	Kebbarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00642	642	0.00646	100,000	99,402	0.99323 ^a	7,403,147	74.0
1	0.00088	88	0.00022	99,358	397,212	0.99910 ^b	7,303,744	73.5
5	0.00074	73	0.00015	99,270	496,166	0.99915	6,906,532	69.6
10	0.00097	96	0.00019	99,197	495,743	0.99829	6,410,366	64.6
15	0.00244	242	0.00049	99,101	494,898	0.99718	5,914,622	59.7
20	0.00319	315	0.00064	98,859	493,504	0.99625	5,419,724	54.8
25	0.00432	425	0.00086	98,543	491,653	0.99481	4,926,220	50.0
30	0.00606	595	0.00122	98,118	489,104	0.99239	4,434,567	45.2
35	0.00917	895	0.00184	97,523	485,380	0.98799	3,945,463	40.5
40	0.01487	1,437	0.00300	96,629	479,551	0.98110	3,460,083	35.8
45	0.02299	2,188	0.00465	95,192	470,488	0.97134	2,980,532	31.3
50	0.03446	3,205	0.00701	93,003	457,006	0.95743	2,510,044	27.0
55	0.05097	4,577	0.01046	89,799	437,551	0.93825	2,053,038	22.9
60	0.07311	6,230	0.01518	85,222	410,533	0.90332	1,615,487	19.0
65	0.12211	9,646	0.02601	78,991	370,842	0.85030	1,204,954	15.3
70	0.18113	12,560	0.03983	69,345	315,326	0.78673	834,112	12.0
75	0.25253	14,340	0.05780	56,785	248,076	0.52181 ^c	518,785	9.1
80+	1.00000	42,445	0.15679	42,445	270,709	-	270,709	6.4
Lelaki <i>Male</i>								
0	0.00696	696	0.00700	100,000	99,348	0.99274 ^a	7,191,542	71.9
1	0.00084	83	0.00021	99,304	397,020	0.99911 ^b	7,092,195	71.4
5	0.00072	71	0.00014	99,221	495,927	0.99904	6,695,175	67.5
10	0.00119	118	0.00024	99,150	495,453	0.99760	6,199,248	62.5
15	0.00361	357	0.00072	99,031	494,263	0.99609	5,703,795	57.6
20	0.00421	415	0.00084	98,674	492,332	0.99528	5,209,532	52.8
25	0.00523	514	0.00105	98,259	490,010	0.99373	4,717,200	48.0
30	0.00732	715	0.00147	97,745	486,938	0.99087	4,227,189	43.2
35	0.01096	1,063	0.00220	97,030	482,490	0.98553	3,740,252	38.5
40	0.01802	1,729	0.00364	95,966	475,509	0.97702	3,257,761	33.9
45	0.02802	2,641	0.00568	94,237	464,584	0.96497	2,782,252	29.5
50	0.04224	3,869	0.00863	91,596	448,308	0.94731	2,317,668	25.3
55	0.06359	5,579	0.01314	87,727	424,689	0.92308	1,869,360	21.3
60	0.09116	7,488	0.01910	82,148	392,021	0.88081	1,444,672	17.6
65	0.15004	11,202	0.03244	74,660	345,295	0.82075	1,052,651	14.1
70	0.21362	13,556	0.04783	63,458	283,401	0.75291	707,356	11.1
75	0.28965	14,454	0.06774	49,902	213,376	0.49670 ^c	423,955	8.5
80+	1.00000	35,448	0.16834	35,448	210,579	-	210,579	5.9

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^p Permulaan
Preliminary

Jadual 4.1: Jadual hayat ringkas mengikut jantina dan umur, Johor, 2021 ^P (samb.)

Table 4.1: Abridged life table by sex and age, Johor, 2021 ^P (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00586	586	0.00589	100,000	99,454	0.99376 ^a	7,660,079	76.6
1	0.00093	92	0.00023	99,414	397,428	0.99907 ^b	7,560,625	76.1
5	0.00076	75	0.00015	99,322	496,422	0.99926	7,163,197	72.1
10	0.00072	72	0.00015	99,247	496,054	0.99907	6,666,775	67.2
15	0.00114	113	0.00023	99,175	495,593	0.99850	6,170,720	62.2
20	0.00186	185	0.00037	99,062	494,850	0.99753	5,675,127	57.3
25	0.00309	305	0.00062	98,878	493,626	0.99622	5,180,277	52.4
30	0.00447	440	0.00090	98,572	491,762	0.99425	4,686,651	47.5
35	0.00705	692	0.00141	98,132	488,932	0.99091	4,194,890	42.7
40	0.01114	1,086	0.00224	97,441	484,488	0.98580	3,705,958	38.0
45	0.01728	1,665	0.00349	96,355	477,611	0.97826	3,221,470	33.4
50	0.02628	2,488	0.00533	94,690	467,227	0.96849	2,743,859	29.0
55	0.03688	3,400	0.00751	92,201	452,505	0.95457	2,276,633	24.7
60	0.05431	4,822	0.01116	88,801	431,949	0.92639	1,824,128	20.5
65	0.09403	7,897	0.01973	83,979	400,151	0.88029	1,392,179	16.6
70	0.14806	11,265	0.03198	76,082	352,248	0.82069	992,028	13.0
75	0.21599	14,000	0.04843	64,817	289,086	0.54815 ^c	639,780	9.9
80+	1.00000	50,817	0.14490	50,817	350,694	-	350,694	6.9

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^P Permulaan
Preliminary

Jadual 4.2: Jadual hayat ringkas mengikut jantina dan umur, Kedah, 2021^p

Table 4.2: Abridged life table by sex and age, Kedah, 2021^p

Umur Age	Kebangkitan mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakutan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00559	559	0.00562	100,000	99,478	0.99402 ^a	7,275,161	72.8
1	0.00094	94	0.00024	99,441	397,531	0.99904 ^b	7,175,683	72.2
5	0.00082	82	0.00017	99,347	496,531	0.99907	6,778,152	68.2
10	0.00103	103	0.00021	99,265	496,070	0.99802	6,281,621	63.3
15	0.00293	291	0.00059	99,163	495,087	0.99663	5,785,551	58.3
20	0.00380	376	0.00076	98,872	493,419	0.99548	5,290,464	53.5
25	0.00524	516	0.00105	98,496	491,189	0.99304	4,797,045	48.7
30	0.00869	852	0.00175	97,980	487,771	0.98898	4,305,856	43.9
35	0.01336	1,298	0.00269	97,128	482,397	0.98262	3,818,085	39.3
40	0.02145	2,055	0.00434	95,831	474,015	0.97422	3,335,688	34.8
45	0.03020	2,832	0.00613	93,775	461,796	0.96336	2,861,672	30.5
50	0.04328	3,936	0.00885	90,943	444,876	0.94717	2,399,877	26.4
55	0.06281	5,465	0.01297	87,007	421,375	0.92524	1,955,000	22.5
60	0.08752	7,136	0.01830	81,543	389,873	0.89712	1,533,625	18.8
65	0.11972	8,908	0.02547	74,406	349,761	0.85607	1,143,753	15.4
70	0.17142	11,228	0.03750	65,498	299,421	0.79443	793,992	12.1
75	0.24679	13,393	0.05630	54,270	237,869	0.51904 ^c	494,570	9.1
80+	1.00000	40,877	0.15924	40,877	256,702	-	256,702	6.3
Lelaki <i>Male</i>								
0	0.00609	609	0.00612	100,000	99,428	0.99349 ^a	7,018,695	70.2
1	0.00106	106	0.00027	99,391	397,315	0.99878 ^b	6,919,267	69.6
5	0.00117	117	0.00024	99,285	496,136	0.99880	6,521,952	65.7
10	0.00122	121	0.00024	99,169	495,543	0.99721	6,025,816	60.8
15	0.00437	432	0.00088	99,048	494,160	0.99533	5,530,274	55.8
20	0.00498	491	0.00100	98,616	491,851	0.99408	5,036,114	51.1
25	0.00686	673	0.00138	98,125	488,940	0.99086	4,544,263	46.3
30	0.01144	1,115	0.00230	97,452	484,470	0.98556	4,055,323	41.6
35	0.01746	1,682	0.00352	96,337	477,476	0.97799	3,570,853	37.1
40	0.02664	2,521	0.00540	94,654	466,966	0.96737	3,093,376	32.7
45	0.03879	3,574	0.00791	92,133	451,728	0.95260	2,626,410	28.5
50	0.05636	4,991	0.01160	88,559	430,315	0.93287	2,174,682	24.6
55	0.07853	6,563	0.01635	83,567	401,430	0.90675	1,744,366	20.9
60	0.10921	8,410	0.02310	77,005	363,998	0.87250	1,342,937	17.4
65	0.14803	10,154	0.03197	68,595	317,588	0.82933	978,939	14.3
70	0.19725	11,527	0.04377	58,441	263,384	0.76510	661,351	11.3
75	0.28181	13,221	0.06561	46,913	201,514	0.49364 ^c	397,967	8.5
80+	1.00000	33,692	0.17150	33,692	196,453	-	196,453	5.8

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^p Permulaan
Preliminary

Jadual 4.2: Jadual hayat ringkas mengikut jantina dan umur, Kedah, 2021 ^p (samb.)

Table 4.2: Abridged life table by sex and age, Kedah, 2021 ^p (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00506	506	0.00509	100,000	99,527	0.99460 ^a	7,555,512	75.6
1	0.00081	81	0.00020	99,494	397,774	0.99930 ^b	7,455,985	74.9
5	0.00045	45	0.00009	99,413	496,952	0.99936	7,058,211	71.0
10	0.00084	83	0.00017	99,368	496,632	0.99890	6,561,259	66.0
15	0.00136	135	0.00027	99,285	496,085	0.99811	6,064,628	61.1
20	0.00242	240	0.00049	99,149	495,146	0.99712	5,568,542	56.2
25	0.00334	331	0.00067	98,909	493,719	0.99545	5,073,396	51.3
30	0.00575	567	0.00115	98,578	491,475	0.99254	4,579,677	46.5
35	0.00917	899	0.00184	98,011	487,810	0.98736	4,088,203	41.7
40	0.01614	1,567	0.00325	97,113	481,646	0.98105	3,600,393	37.1
45	0.02182	2,085	0.00441	95,546	472,517	0.97353	3,118,747	32.6
50	0.03123	2,919	0.00635	93,461	460,008	0.96066	2,646,230	28.3
55	0.04770	4,319	0.00977	90,542	441,914	0.94265	2,186,222	24.1
60	0.06749	5,819	0.01397	86,223	416,568	0.91991	1,744,309	20.2
65	0.09360	7,526	0.01964	80,404	383,204	0.88122	1,327,741	16.5
70	0.14656	10,681	0.03163	72,878	337,686	0.82099	944,536	13.0
75	0.21704	13,499	0.04869	62,197	277,235	0.54316 ^c	606,850	9.8
80+	1.00000	48,698	0.14774	48,698	329,615	-	329,615	6.8

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^p Permulaan
Preliminary

Jadual 4.3: Jadual hayat ringkas mengikut jantina dan umur, Kelantan, 2021^p

Table 4.3: Abridged life table by sex and age, Kelantan, 2021^p

Umur Age	Kebbarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00659	659	0.00663	100,000	99,387	0.99290 ^a	7,200,274	72.0
1	0.00123	122	0.00031	99,341	397,061	0.99884 ^b	7,100,887	71.5
5	0.00090	89	0.00018	99,219	495,873	0.99883	6,703,825	67.6
10	0.00144	142	0.00029	99,130	495,294	0.99789	6,207,952	62.6
15	0.00279	276	0.00056	98,988	494,248	0.99685	5,712,658	57.7
20	0.00352	347	0.00070	98,712	492,691	0.99510	5,218,410	52.9
25	0.00629	619	0.00126	98,365	490,277	0.99241	4,725,719	48.0
30	0.00891	871	0.00179	97,746	486,554	0.98938	4,235,442	43.3
35	0.01234	1,196	0.00248	96,875	481,388	0.98385	3,748,889	38.7
40	0.02001	1,914	0.00404	95,680	473,613	0.97485	3,267,501	34.2
45	0.03040	2,851	0.00617	93,765	461,701	0.96373	2,793,888	29.8
50	0.04232	3,848	0.00865	90,915	444,955	0.95047	2,332,187	25.7
55	0.05705	4,967	0.01175	87,067	422,917	0.92985	1,887,232	21.7
60	0.08403	6,899	0.01754	82,100	393,251	0.89374	1,464,316	17.8
65	0.13053	9,816	0.02793	75,201	351,464	0.83742	1,071,065	14.2
70	0.19945	13,041	0.04431	65,385	294,322	0.74189	719,601	11.0
75	0.33138	17,346	0.07944	52,344	218,355	0.48656 ^c	425,279	8.1
80+	1.00000	34,998	0.16914	34,998	206,923	-	206,923	5.9
Lelaki <i>Male</i>								
0	0.00763	763	0.00769	100,000	99,286	0.99182 ^a	6,947,540	69.5
1	0.00137	136	0.00034	99,237	396,623	0.99858 ^b	6,848,254	69.0
5	0.00120	119	0.00024	99,100	495,204	0.99858	6,451,630	65.1
10	0.00164	163	0.00033	98,981	494,500	0.99708	5,956,427	60.2
15	0.00419	414	0.00084	98,819	493,058	0.99532	5,461,927	55.3
20	0.00516	508	0.00104	98,405	490,753	0.99337	4,968,868	50.5
25	0.00810	793	0.00163	97,897	487,500	0.99034	4,478,115	45.7
30	0.01123	1,090	0.00226	97,103	482,791	0.98642	3,990,616	41.1
35	0.01597	1,533	0.00322	96,013	476,234	0.97930	3,507,824	36.5
40	0.02551	2,410	0.00517	94,480	466,376	0.96739	3,031,591	32.1
45	0.03989	3,673	0.00814	92,070	451,169	0.95243	2,565,214	27.9
50	0.05557	4,912	0.01143	88,397	429,706	0.93649	2,114,045	23.9
55	0.07192	6,004	0.01492	83,485	402,416	0.91362	1,684,339	20.2
60	0.10196	7,900	0.02149	77,481	367,657	0.87185	1,281,922	16.5
65	0.15731	10,946	0.03415	69,581	320,542	0.80475	914,265	13.1
70	0.24027	14,088	0.05461	58,636	257,958	0.70419	593,723	10.1
75	0.36893	16,435	0.09047	44,547	181,650	0.45900 ^c	335,766	7.5
80+	1.00000	28,113	0.18241	28,113	154,115	-	154,115	5.5

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^p Permulaan
Preliminary

Jadual 4.3: Jadual hayat ringkas mengikut jantina dan umur, Kelantan, 2021^p (samb.)

Table 4.3: Abridged life table by sex and age, Kelantan, 2021^p (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00548	548	0.00551	100,000	99,488	0.99406 ^a	7,475,977	74.8
1	0.00108	107	0.00027	99,452	397,541	0.99909 ^b	7,376,489	74.2
5	0.00058	58	0.00012	99,345	496,579	0.99910	6,978,948	70.2
10	0.00122	121	0.00024	99,287	496,134	0.99873	6,482,369	65.3
15	0.00133	131	0.00027	99,166	495,503	0.99836	5,986,235	60.4
20	0.00196	194	0.00039	99,035	494,690	0.99686	5,490,732	55.4
25	0.00433	427	0.00087	98,841	493,136	0.99466	4,996,042	50.5
30	0.00636	626	0.00128	98,413	490,502	0.99258	4,502,906	45.8
35	0.00848	830	0.00170	97,787	486,863	0.98865	4,012,404	41.0
40	0.01425	1,382	0.00287	96,958	481,335	0.98220	3,525,541	36.4
45	0.02140	2,045	0.00433	95,576	472,769	0.97431	3,044,206	31.9
50	0.03008	2,813	0.00611	93,531	460,623	0.96340	2,571,437	27.5
55	0.04332	3,930	0.00886	90,718	443,764	0.94495	2,110,814	23.3
60	0.06732	5,842	0.01393	86,788	419,333	0.91405	1,667,050	19.2
65	0.10593	8,574	0.02237	80,946	383,292	0.86847	1,247,716	15.4
70	0.16017	11,591	0.03482	72,371	332,878	0.77705	864,424	11.9
75	0.29770	18,094	0.06995	60,780	258,664	0.51338 ^c	531,546	8.7
80+	1.00000	42,686	0.15642	42,686	272,883	-	272,883	6.4

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^p Permulaan
Preliminary

Jadual 4.4: Jadual hayat ringkas mengikut jantina dan umur, Melaka, 2021 ^P

Table 4.4: Abridged life table by sex and age, Melaka, 2021 ^P

Umur Age	Kebbarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00645	645	0.00649	100,000	99,400	0.99318 ^a	7,351,376	73.5
1	0.00094	93	0.00023	99,355	397,189	0.99903 ^b	7,251,976	73.0
5	0.00082	81	0.00016	99,262	496,108	0.99910	6,854,787	69.1
10	0.00098	97	0.00020	99,181	495,662	0.99841	6,358,678	64.1
15	0.00221	219	0.00044	99,084	494,873	0.99731	5,863,016	59.2
20	0.00318	314	0.00064	98,865	493,542	0.99625	5,368,143	54.3
25	0.00432	426	0.00087	98,551	491,692	0.99535	4,874,601	49.5
30	0.00497	488	0.00100	98,125	489,407	0.99305	4,382,909	44.7
35	0.00894	873	0.00180	97,637	486,006	0.99004	3,893,502	39.9
40	0.01100	1,064	0.00221	96,765	481,163	0.98184	3,407,497	35.2
45	0.02541	2,431	0.00515	95,701	472,424	0.96752	2,926,333	30.6
50	0.03973	3,705	0.00811	93,269	457,082	0.95085	2,453,909	26.3
55	0.05896	5,281	0.01215	89,564	434,617	0.92847	1,996,828	22.3
60	0.08489	7,155	0.01773	84,283	403,528	0.90393	1,562,211	18.5
65	0.10829	8,352	0.02290	77,128	364,759	0.85577	1,158,683	15.0
70	0.18454	12,692	0.04066	68,776	312,150	0.76421	793,924	11.5
75	0.29864	16,749	0.07021	56,084	238,548	0.50485 ^c	481,774	8.6
80+	1.00000	39,335	0.16172	39,335	243,226	-	243,226	6.2
Lelaki <i>Male</i>								
0	0.00700	700	0.00705	100,000	99,344	0.99261 ^a	7,127,824	71.3
1	0.00103	102	0.00026	99,300	396,959	0.99885 ^b	7,028,480	70.8
5	0.00105	104	0.00021	99,198	495,731	0.99891	6,631,521	66.9
10	0.00114	113	0.00023	99,094	495,188	0.99799	6,135,790	61.9
15	0.00288	285	0.00058	98,981	494,193	0.99627	5,640,602	57.0
20	0.00459	453	0.00092	98,696	492,349	0.99471	5,146,409	52.1
25	0.00599	588	0.00120	98,243	489,747	0.99418	4,654,060	47.4
30	0.00564	551	0.00113	97,655	486,898	0.99173	4,164,314	42.6
35	0.01092	1,060	0.00220	97,104	482,871	0.98820	3,677,415	37.9
40	0.01270	1,219	0.00256	96,044	477,172	0.97530	3,194,545	33.3
45	0.03687	3,496	0.00751	94,825	465,384	0.95729	2,717,372	28.7
50	0.04878	4,455	0.01000	91,329	445,507	0.93820	2,251,988	24.7
55	0.07549	6,558	0.01569	86,874	417,975	0.91244	1,806,481	20.8
60	0.10062	8,082	0.02119	80,316	381,376	0.88237	1,388,506	17.3
65	0.13654	9,863	0.02931	72,234	336,514	0.82706	1,007,130	13.9
70	0.21508	13,415	0.04820	62,371	278,318	0.73306	670,617	10.8
75	0.33301	16,303	0.07991	48,956	204,024	0.47993 ^c	392,298	8.0
80+	1.00000	32,653	0.17344	32,653	188,274	-	188,274	5.8

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^P Permulaan
Preliminary

Jadual 4.4: Jadual hayat ringkas mengikut jantina dan umur, Melaka, 2021 ^P (samb.)

Table 4.4: Abridged life table by sex and age, Melaka, 2021 ^P (cont'd)

Umur <i>Age</i>	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00586	586	0.00589	100,000	99,454	0.99381 ^a	7,595,642	76.0
1	0.00084	83	0.00021	99,414	397,450	0.99922 ^b	7,496,188	75.4
5	0.00057	56	0.00011	99,331	496,514	0.99932	7,098,738	71.5
10	0.00080	80	0.00016	99,275	496,174	0.99887	6,602,224	66.5
15	0.00146	145	0.00029	99,195	495,613	0.99853	6,106,050	61.6
20	0.00148	147	0.00030	99,050	494,885	0.99801	5,610,437	56.6
25	0.00251	248	0.00050	98,904	493,898	0.99677	5,115,552	51.7
30	0.00395	390	0.00079	98,656	492,304	0.99472	4,621,654	46.8
35	0.00661	650	0.00133	98,266	489,705	0.99226	4,129,350	42.0
40	0.00888	867	0.00178	97,616	485,915	0.98752	3,639,645	37.3
45	0.01611	1,559	0.00325	96,750	479,850	0.97653	3,153,730	32.6
50	0.03094	2,946	0.00629	95,191	468,589	0.96312	2,673,880	28.1
55	0.04300	3,967	0.00879	92,245	451,309	0.94427	2,205,291	23.9
60	0.06903	6,094	0.01430	88,278	426,157	0.92447	1,753,982	19.9
65	0.08250	6,781	0.01721	82,184	393,970	0.88280	1,327,826	16.2
70	0.15502	11,689	0.03361	75,404	347,795	0.79353	933,856	12.4
75	0.26735	17,034	0.06172	63,714	275,987	0.52908 ^c	586,061	9.2
80+	1.00000	46,680	0.15055	46,680	310,074	-	310,074	6.6

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
Notes: From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^P Permulaan
Preliminary

Jadual 4.5: Jadual hayat ringkas mengikut jantina dan umur, Negeri Sembilan, 2021 ^P

Table 4.5: Abridged life table by sex and age, Negeri Sembilan, 2021 ^P

Umur <i>Age</i>	Kebbarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00639	639	0.00643	100,000	99,405	0.99322 ^a	7,349,468	73.5
1	0.00097	96	0.00024	99,361	397,204	0.99918 ^b	7,250,063	73.0
5	0.00048	48	0.00010	99,264	496,203	0.99934	6,852,859	69.0
10	0.00085	84	0.00017	99,217	495,873	0.99841	6,356,657	64.1
15	0.00234	232	0.00047	99,133	495,082	0.99682	5,860,784	59.1
20	0.00401	397	0.00080	98,900	493,510	0.99532	5,365,702	54.3
25	0.00535	527	0.00107	98,504	491,200	0.99418	4,872,191	49.5
30	0.00630	617	0.00126	97,976	488,340	0.99261	4,380,991	44.7
35	0.00849	827	0.00171	97,360	484,731	0.98769	3,892,652	40.0
40	0.01616	1,560	0.00326	96,533	478,764	0.97937	3,407,921	35.3
45	0.02518	2,392	0.00510	94,973	468,885	0.96690	2,929,157	30.8
50	0.04122	3,816	0.00842	92,581	453,366	0.95362	2,460,272	26.6
55	0.05176	4,595	0.01063	88,765	432,338	0.93187	2,006,906	22.6
60	0.08538	7,186	0.01784	84,170	402,885	0.89622	1,574,568	18.7
65	0.12389	9,537	0.02641	76,984	361,076	0.85463	1,171,683	15.2
70	0.16988	11,458	0.03713	67,446	308,587	0.78700	810,607	12.0
75	0.26494	14,833	0.06108	55,989	242,859	0.51624 ^c	502,020	9.0
80+	1.00000	41,155	0.15880	41,155	259,161	-	259,161	6.3
Lelaki <i>Male</i>								
0	0.00600	600	0.00603	100,000	99,436	0.99355 ^a	7,114,638	71.1
1	0.00111	110	0.00028	99,400	397,341	0.99912 ^b	7,015,202	70.6
5	0.00044	44	0.00009	99,290	496,342	0.99926	6,617,861	66.7
10	0.00105	104	0.00021	99,246	495,972	0.99776	6,121,519	61.7
15	0.00343	340	0.00069	99,142	494,861	0.99539	5,625,547	56.7
20	0.00578	571	0.00116	98,802	492,582	0.99359	5,130,686	51.9
25	0.00705	692	0.00141	98,231	489,423	0.99245	4,638,105	47.2
30	0.00805	785	0.00162	97,538	485,729	0.99093	4,148,682	42.5
35	0.01010	977	0.00203	96,753	481,323	0.98442	3,662,953	37.9
40	0.02112	2,023	0.00427	95,776	473,823	0.97327	3,181,630	33.2
45	0.03245	3,042	0.00660	93,753	461,159	0.95723	2,707,807	28.9
50	0.05343	4,847	0.01098	90,710	441,435	0.93986	2,246,649	24.8
55	0.06723	5,773	0.01391	85,863	414,885	0.91369	1,805,214	21.0
60	0.10677	8,551	0.02256	80,091	379,075	0.87293	1,390,329	17.4
65	0.14980	10,716	0.03239	71,539	330,906	0.82735	1,011,254	14.1
70	0.19953	12,136	0.04433	60,823	273,774	0.75590	680,348	11.2
75	0.29978	14,596	0.07053	48,687	206,945	0.49100 ^c	406,574	8.4
80+	1.00000	34,091	0.17077	34,091	199,629	-	199,629	5.9

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^P Permulaan
Preliminary

Jadual 4.5: Jadual hayat ringkas mengikut jantina dan umur, Negeri Sembilan, 2021 ^P (samb.)

Table 4.5: Abridged life table by sex and age, Negeri Sembilan, 2021 ^P (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00681	681	0.00686	100,000	99,367	0.99287 ^a	7,621,125	76.2
1	0.00084	83	0.00021	99,319	397,068	0.99922 ^b	7,521,759	75.7
5	0.00053	52	0.00011	99,236	496,047	0.99943	7,124,691	71.8
10	0.00062	61	0.00012	99,183	495,763	0.99914	6,628,644	66.8
15	0.00110	109	0.00022	99,122	495,338	0.99837	6,132,881	61.9
20	0.00217	215	0.00043	99,013	494,529	0.99722	5,637,542	56.9
25	0.00340	336	0.00068	98,798	493,153	0.99624	5,143,013	52.1
30	0.00413	406	0.00083	98,463	491,297	0.99465	4,649,860	47.2
35	0.00658	645	0.00132	98,056	488,669	0.99148	4,158,563	42.4
40	0.01048	1,021	0.00211	97,411	484,504	0.98593	3,669,895	37.7
45	0.01769	1,706	0.00357	96,391	477,689	0.97642	3,185,390	33.0
50	0.02957	2,800	0.00600	94,685	466,425	0.96683	2,707,701	28.6
55	0.03689	3,389	0.00752	91,885	450,952	0.94986	2,241,276	24.4
60	0.06390	5,655	0.01320	88,496	428,341	0.91970	1,790,324	20.2
65	0.09781	8,103	0.02057	82,841	393,947	0.88206	1,361,983	16.4
70	0.14025	10,482	0.03016	74,738	347,485	0.81763	968,036	13.0
75	0.23136	14,866	0.05232	64,256	284,115	0.54216 ^c	620,552	9.7
80+	1.00000	49,390	0.14680	49,390	336,437	-	336,437	6.8

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^P Permulaan
Preliminary

Jadual 4.6: Jadual hayat ringkas mengikut jantina dan umur, Pahang, 2021^p

Table 4.6: Abridged life table by sex and age, Pahang, 2021^p

Umur <i>Age</i>	Kebbarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00591	591	0.00595	100,000	99,449	0.99364 ^a	7,304,815	73.0
1	0.00107	107	0.00027	99,409	397,370	0.99886 ^b	7,205,366	72.5
5	0.00105	104	0.00021	99,302	496,250	0.99884	6,807,996	68.6
10	0.00127	126	0.00025	99,198	495,676	0.99820	6,311,746	63.6
15	0.00234	232	0.00047	99,072	494,782	0.99641	5,816,070	58.7
20	0.00483	478	0.00097	98,840	493,008	0.99480	5,321,288	53.8
25	0.00556	547	0.00111	98,363	490,446	0.99371	4,828,280	49.1
30	0.00703	688	0.00141	97,816	487,360	0.99218	4,337,834	44.3
35	0.00861	836	0.00173	97,128	483,550	0.98935	3,850,474	39.6
40	0.01272	1,225	0.00256	96,292	478,399	0.98209	3,366,923	35.0
45	0.02317	2,203	0.00469	95,067	469,830	0.96905	2,888,525	30.4
50	0.03892	3,614	0.00794	92,864	455,287	0.95029	2,418,695	26.0
55	0.06095	5,440	0.01257	89,250	432,652	0.92656	1,963,408	22.0
60	0.08674	7,270	0.01813	83,811	400,879	0.89172	1,530,756	18.3
65	0.13186	10,093	0.02823	76,541	357,472	0.84500	1,129,877	14.8
70	0.18164	12,070	0.03996	66,448	302,065	0.77026	772,405	11.6
75	0.28852	15,689	0.06743	54,378	232,669	0.50532 ^c	470,340	8.6
80+	1.00000	38,689	0.16278	38,689	237,671	-	237,671	6.1
Lelaki <i>Male</i>								
0	0.00623	623	0.00627	100,000	99,415	0.99330 ^a	7,081,420	70.8
1	0.00116	115	0.00029	99,377	397,235	0.99872 ^b	6,982,006	70.3
5	0.00119	118	0.00024	99,262	496,012	0.99873	6,584,771	66.3
10	0.00134	133	0.00027	99,143	495,384	0.99774	6,088,759	61.4
15	0.00319	316	0.00064	99,010	494,262	0.99505	5,593,376	56.5
20	0.00672	663	0.00135	98,694	491,814	0.99321	5,099,114	51.7
25	0.00686	672	0.00138	98,031	488,476	0.99242	4,607,299	47.0
30	0.00831	809	0.00167	97,359	484,772	0.99051	4,118,824	42.3
35	0.01068	1,031	0.00215	96,550	480,171	0.98711	3,634,052	37.6
40	0.01512	1,444	0.00305	95,518	473,981	0.97737	3,153,881	33.0
45	0.03026	2,847	0.00615	94,074	463,254	0.96100	2,679,900	28.5
50	0.04802	4,380	0.00984	91,227	445,186	0.93801	2,216,646	24.3
55	0.07666	6,658	0.01594	86,847	417,589	0.90990	1,771,460	20.4
60	0.10466	8,392	0.02209	80,189	379,963	0.87040	1,353,871	16.9
65	0.15745	11,305	0.03418	71,796	330,720	0.81256	973,908	13.6
70	0.22303	13,492	0.05021	60,492	268,729	0.72924	643,188	10.6
75	0.33218	15,613	0.07967	47,000	195,968	0.47666 ^c	374,459	8.0
80+	1.00000	31,387	0.17585	31,387	178,491	-	178,491	5.7

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^p Permulaan
Preliminary

Jadual 4.6: Jadual hayat ringkas mengikut jantina dan umur, Pahang, 2021 ^P (samb.)

Table 4.6: Abridged life table by sex and age, Pahang, 2021 ^P (cont'd)

Umur <i>Age</i>	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00558	558	0.00560	100,000	99,480	0.99401 ^a	7,577,438	75.8
1	0.00098	98	0.00025	99,442	397,527	0.99898 ^b	7,477,958	75.2
5	0.00090	89	0.00018	99,345	496,501	0.99896	7,080,431	71.3
10	0.00119	118	0.00024	99,255	495,983	0.99871	6,583,930	66.3
15	0.00139	138	0.00028	99,138	495,344	0.99800	6,087,947	61.4
20	0.00262	259	0.00052	99,000	494,352	0.99679	5,592,603	56.5
25	0.00381	377	0.00076	98,741	492,763	0.99540	5,098,250	51.6
30	0.00539	530	0.00108	98,364	490,496	0.99428	4,605,487	46.8
35	0.00605	592	0.00121	97,834	487,689	0.99203	4,114,992	42.1
40	0.00990	962	0.00199	97,242	483,802	0.98730	3,627,303	37.3
45	0.01552	1,495	0.00313	96,279	477,660	0.97771	3,143,500	32.6
50	0.02917	2,765	0.00592	94,785	467,012	0.96316	2,665,840	28.1
55	0.04475	4,118	0.00915	92,020	449,806	0.94373	2,198,828	23.9
60	0.06834	6,007	0.01415	87,902	424,493	0.91359	1,749,022	19.9
65	0.10581	8,665	0.02234	81,895	387,813	0.87850	1,324,529	16.2
70	0.13905	10,183	0.02989	73,230	340,693	0.81222	936,716	12.8
75	0.24438	15,407	0.05568	63,047	276,717	0.53573 ^c	596,023	9.5
80+	1.00000	47,640	0.14920	47,640	319,306	-	319,306	6.7

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
Notes: From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^P Permulaan
Preliminary

Jadual 4.7: Jadual hayat ringkas mengikut jantina dan umur, Perak, 2021 ^P

Table 4.7: Abridged life table by sex and age, Perak, 2021 ^P

Umur Age	Kebangkitan mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00614	614	0.00618	100,000	99,428	0.99338 ^a	7,375,511	73.8
1	0.00114	113	0.00028	99,386	397,262	0.99899 ^b	7,276,083	73.2
5	0.00070	70	0.00014	99,273	496,190	0.99918	6,878,820	69.3
10	0.00094	94	0.00019	99,203	495,782	0.99841	6,382,630	64.3
15	0.00224	222	0.00045	99,110	494,994	0.99710	5,886,848	59.4
20	0.00356	352	0.00071	98,888	493,560	0.99584	5,391,854	54.5
25	0.00476	469	0.00095	98,536	491,508	0.99406	4,898,293	49.7
30	0.00713	699	0.00143	98,067	488,588	0.99156	4,406,785	44.9
35	0.00977	951	0.00196	97,368	484,462	0.98767	3,918,196	40.2
40	0.01491	1,438	0.00301	96,417	478,489	0.98016	3,433,734	35.6
45	0.02485	2,360	0.00503	94,979	468,995	0.96673	2,955,245	31.1
50	0.04190	3,881	0.00856	92,619	453,393	0.95257	2,486,250	26.8
55	0.05319	4,720	0.01093	88,738	431,890	0.93443	2,032,857	22.9
60	0.07865	6,608	0.01637	84,018	403,569	0.90609	1,600,967	19.1
65	0.11047	8,551	0.02339	77,410	365,671	0.86269	1,197,397	15.5
70	0.16748	11,532	0.03656	68,858	315,462	0.78801	831,727	12.1
75	0.26546	15,218	0.06122	57,326	248,588	0.51849 ^c	516,265	9.0
80+	1.00000	42,109	0.15731	42,109	267,677	-	267,677	6.4
Lelaki <i>Male</i>								
0	0.00654	654	0.00658	100,000	99,386	0.99295 ^a	7,108,652	71.1
1	0.00126	125	0.00032	99,346	397,087	0.99889 ^b	7,009,266	70.6
5	0.00073	72	0.00015	99,221	495,923	0.99907	6,612,179	66.6
10	0.00113	112	0.00023	99,149	495,463	0.99773	6,116,256	61.7
15	0.00341	338	0.00068	99,037	494,339	0.99588	5,620,793	56.8
20	0.00483	477	0.00097	98,699	492,302	0.99476	5,126,454	51.9
25	0.00566	556	0.00113	98,222	489,720	0.99271	4,634,152	47.2
30	0.00893	872	0.00179	97,666	486,151	0.98907	4,144,432	42.4
35	0.01295	1,253	0.00261	96,794	480,838	0.98415	3,658,281	37.8
40	0.01879	1,795	0.00379	95,541	473,218	0.97367	3,177,443	33.3
45	0.03401	3,188	0.00692	93,746	460,760	0.95575	2,704,226	28.8
50	0.05486	4,968	0.01128	90,558	440,370	0.93726	2,243,466	24.8
55	0.07108	6,084	0.01474	85,590	412,741	0.91465	1,803,096	21.1
60	0.10071	8,007	0.02121	79,506	377,514	0.88017	1,390,355	17.5
65	0.14108	10,087	0.03036	71,499	332,277	0.83078	1,012,841	14.2
70	0.20198	12,404	0.04493	61,412	276,049	0.75010	680,564	11.1
75	0.30994	15,190	0.07336	49,008	207,064	0.48812 ^c	404,515	8.3
80+	1.00000	33,818	0.17127	33,818	197,451	-	197,451	5.8

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^P Permulaan
Preliminary

Jadual 4.7: Jadual hayat ringkas mengikut jantina dan umur, Perak, 2021 ^P (samb.)

Table 4.7: Abridged life table by sex and age, Perak, 2021 ^P (cont'd)

Umur <i>Age</i>	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00572	572	0.00575	100,000	99,466	0.99386 ^a	7,680,406	76.8
1	0.00100	100	0.00025	99,428	397,462	0.99908 ^b	7,580,940	76.2
5	0.00068	67	0.00014	99,328	496,471	0.99929	7,183,478	72.3
10	0.00074	73	0.00015	99,261	496,120	0.99916	6,687,007	67.4
15	0.00094	94	0.00019	99,188	495,704	0.99849	6,190,886	62.4
20	0.00208	206	0.00042	99,094	494,955	0.99718	5,695,183	57.5
25	0.00356	352	0.00071	98,888	493,560	0.99582	5,200,227	52.6
30	0.00479	472	0.00096	98,536	491,499	0.99464	4,706,667	47.8
35	0.00592	581	0.00119	98,064	488,867	0.99194	4,215,168	43.0
40	0.01021	995	0.00205	97,483	484,927	0.98690	3,726,302	38.2
45	0.01602	1,545	0.00323	96,488	478,575	0.97739	3,241,375	33.6
50	0.02930	2,782	0.00595	94,942	467,757	0.96724	2,762,800	29.1
55	0.03633	3,348	0.00740	92,160	452,432	0.95334	2,295,043	24.9
60	0.05738	5,096	0.01182	88,813	431,322	0.93077	1,842,611	20.7
65	0.08181	6,848	0.01706	83,716	401,461	0.89245	1,411,288	16.9
70	0.13559	10,422	0.02909	76,868	358,284	0.82248	1,009,828	13.1
75	0.22603	15,019	0.05097	66,446	294,682	0.54772 ^c	651,543	9.8
80+	1.00000	51,427	0.14411	51,427	356,861	-	356,861	6.9

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^P Permulaan
Preliminary

Jadual 4.8: Jadual hayat ringkas mengikut jantina dan umur, Perlis, 2021^p

Table 4.8: Abridged life table by sex and age, Perlis, 2021^p

Umur <i>Age</i>	Kebbarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00771	771	0.00777	100,000	99,285	0.99158 ^a	7,292,466	72.9
1	0.00166	165	0.00042	99,229	396,504	0.99837 ^b	7,193,181	72.5
5	0.00137	136	0.00027	99,064	494,978	0.99896	6,796,677	68.6
10	0.00071	71	0.00014	98,928	494,463	0.99854	6,301,699	63.7
15	0.00221	219	0.00044	98,857	493,739	0.99761	5,807,236	58.7
20	0.00257	253	0.00051	98,639	492,559	0.99658	5,313,497	53.9
25	0.00427	420	0.00086	98,385	490,876	0.99401	4,820,938	49.0
30	0.00773	757	0.00155	97,965	487,934	0.99039	4,330,062	44.2
35	0.01151	1,119	0.00232	97,208	483,244	0.98686	3,842,127	39.5
40	0.01479	1,421	0.00298	96,089	476,893	0.98059	3,358,883	35.0
45	0.02411	2,282	0.00488	94,668	467,635	0.96601	2,881,990	30.4
50	0.04412	4,076	0.00902	92,386	451,740	0.94738	2,414,354	26.1
55	0.06151	5,432	0.01269	88,310	427,970	0.92513	1,962,615	22.2
60	0.08910	7,385	0.01865	82,878	395,928	0.89875	1,534,645	18.5
65	0.11458	8,650	0.02431	75,493	355,842	0.85110	1,138,718	15.1
70	0.18766	12,544	0.04142	66,843	302,858	0.77493	782,876	11.7
75	0.27113	14,722	0.06273	54,300	234,693	0.51108 ^c	480,018	8.8
80+	1.00000	39,578	0.16133	39,578	245,325	-	245,325	6.2
Lelaki <i>Male</i>								
0	0.00767	767	0.00772	100,000	99,283	0.99164 ^a	7,019,253	70.2
1	0.00170	168	0.00042	99,233	396,535	0.99811 ^b	6,919,971	69.7
5	0.00180	179	0.00036	99,065	494,879	0.99867	6,523,436	65.9
10	0.00086	85	0.00017	98,886	494,220	0.99809	6,028,557	61.0
15	0.00296	293	0.00059	98,801	493,276	0.99642	5,534,338	56.0
20	0.00420	413	0.00084	98,509	491,511	0.99519	5,041,062	51.2
25	0.00543	533	0.00109	98,095	489,145	0.99220	4,549,550	46.4
30	0.01018	993	0.00205	97,562	485,329	0.98759	4,060,406	41.6
35	0.01466	1,416	0.00295	96,569	479,306	0.98240	3,575,077	37.0
40	0.02058	1,959	0.00416	95,153	470,870	0.97151	3,095,771	32.5
45	0.03657	3,408	0.00745	93,195	457,453	0.95418	2,624,902	28.2
50	0.05542	4,976	0.01140	89,787	436,494	0.93167	2,167,448	24.1
55	0.08199	6,954	0.01710	84,811	406,670	0.90466	1,730,954	20.4
60	0.10988	8,555	0.02325	77,857	367,897	0.87149	1,324,284	17.0
65	0.14944	10,357	0.03230	69,302	320,618	0.82014	956,386	13.8
70	0.21562	12,710	0.04834	58,945	262,952	0.73825	635,769	10.8
75	0.32057	14,822	0.07635	46,235	194,123	0.47931 ^c	372,817	8.1
80+	1.00000	31,414	0.17580	31,414	178,694	-	178,694	5.7

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^p Permulaan
Preliminary

Jadual 4.8: Jadual hayat ringkas mengikut jantina dan umur, Perlis, 2021 ^P (samb.)

Table 4.8: Abridged life table by sex and age, Perlis, 2021 ^P (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00777	777	0.00782	100,000	99,280	0.99154 ^a	7,577,067	75.8
1	0.00163	162	0.00041	99,223	396,492	0.99862 ^b	7,477,786	75.4
5	0.00090	89	0.00018	99,062	495,088	0.99927	7,081,295	71.5
10	0.00056	55	0.00011	98,973	494,728	0.99903	6,586,207	66.5
15	0.00139	137	0.00028	98,918	494,248	0.99882	6,091,479	61.6
20	0.00098	96	0.00020	98,781	493,663	0.99804	5,597,231	56.7
25	0.00294	290	0.00059	98,684	492,697	0.99602	5,103,568	51.7
30	0.00503	495	0.00101	98,394	490,735	0.99333	4,610,871	46.9
35	0.00833	815	0.00167	97,900	487,460	0.99149	4,120,136	42.1
40	0.00870	845	0.00175	97,084	483,310	0.98804	3,632,676	37.4
45	0.01524	1,467	0.00307	96,240	477,531	0.97556	3,149,366	32.7
50	0.03379	3,202	0.00687	94,773	465,859	0.96178	2,671,835	28.2
55	0.04280	3,919	0.00875	91,571	448,055	0.94438	2,205,976	24.1
60	0.06902	6,050	0.01430	87,651	423,133	0.92253	1,757,921	20.1
65	0.08656	7,063	0.01809	81,602	390,351	0.87735	1,334,788	16.4
70	0.16217	12,088	0.03530	74,539	342,474	0.80808	944,437	12.7
75	0.22743	14,203	0.05132	62,451	276,747	0.54026 ^c	601,963	9.6
80+	1.00000	48,248	0.14836	48,248	325,216	-	325,216	6.7

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^P Permulaan
Preliminary

Jadual 4.9: Jadual hayat ringkas mengikut jantina dan umur, Pulau Pinang, 2021^p

Table 4.9: Abridged life table by sex and age, Pulau Pinang, 2021^p

Umur <i>Age</i>	Kebbarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00527	527	0.00529	100,000	99,508	0.99446 ^a	7,412,727	74.1
1	0.00069	69	0.00017	99,473	397,722	0.99921 ^b	7,313,219	73.5
5	0.00075	75	0.00015	99,405	496,836	0.99925	6,915,497	69.6
10	0.00074	74	0.00015	99,330	496,464	0.99845	6,418,661	64.6
15	0.00236	234	0.00047	99,256	495,694	0.99743	5,922,197	59.7
20	0.00279	276	0.00056	99,022	494,419	0.99718	5,426,503	54.8
25	0.00285	281	0.00057	98,746	493,025	0.99599	4,932,084	49.9
30	0.00518	510	0.00104	98,464	491,047	0.99363	4,439,059	45.1
35	0.00756	741	0.00152	97,955	487,920	0.98990	3,948,011	40.3
40	0.01265	1,230	0.00255	97,214	482,993	0.98418	3,460,091	35.6
45	0.01902	1,826	0.00384	95,984	475,354	0.97552	2,977,097	31.0
50	0.03004	2,829	0.00610	94,158	463,718	0.96133	2,501,743	26.6
55	0.04756	4,343	0.00974	91,329	445,787	0.94138	2,038,025	22.3
60	0.07023	6,109	0.01456	86,986	419,657	0.91007	1,592,238	18.3
65	0.11113	8,988	0.02353	80,877	381,916	0.84432	1,172,581	14.5
70	0.20580	14,795	0.04588	71,889	322,459	0.73632	790,665	11.0
75	0.33656	19,216	0.08093	57,094	237,433	0.49289 ^c	468,206	8.2
80+	1.00000	37,879	0.16414	37,879	230,773	-	230,773	6.1
Lelaki <i>Male</i>								
0	0.00582	582	0.00585	100,000	99,452	0.99397 ^a	7,187,386	71.9
1	0.00059	59	0.00015	99,418	397,533	0.99919 ^b	7,087,934	71.3
5	0.00086	85	0.00017	99,359	496,582	0.99917	6,690,401	67.3
10	0.00080	80	0.00016	99,274	496,169	0.99776	6,193,819	62.4
15	0.00367	364	0.00074	99,194	495,060	0.99629	5,697,650	57.4
20	0.00374	370	0.00075	98,830	493,224	0.99629	5,202,590	52.6
25	0.00368	362	0.00074	98,460	491,393	0.99456	4,709,366	47.8
30	0.00721	707	0.00145	98,097	488,720	0.99143	4,217,972	43.0
35	0.00995	969	0.00200	97,390	484,530	0.98690	3,729,253	38.3
40	0.01629	1,570	0.00328	96,422	478,182	0.97916	3,244,722	33.7
45	0.02547	2,416	0.00516	94,851	468,217	0.96744	2,766,540	29.2
50	0.03983	3,681	0.00813	92,435	452,974	0.94926	2,298,323	24.9
55	0.06211	5,513	0.01282	88,754	429,988	0.92503	1,845,350	20.8
60	0.08868	7,382	0.01856	83,241	397,752	0.89090	1,415,362	17.0
65	0.13150	9,976	0.02815	75,860	354,359	0.81694	1,017,610	13.4
70	0.24243	15,972	0.05517	65,884	289,489	0.69527	663,251	10.1
75	0.38697	19,314	0.09596	49,912	201,273	0.46149 ^c	373,762	7.5
80+	1.00000	30,598	0.17739	30,598	172,489	-	172,489	5.6

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
Notes: From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^p Permulaan
Preliminary

Jadual 4.9: Jadual hayat ringkas mengikut jantina dan umur, Pulau Pinang, 2021 ^p (samb.)

Table 4.9: Abridged life table by sex and age, Pulau Pinang, 2021 ^p (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00468	468	0.00470	100,000	99,562	0.99498 ^a	7,668,043	76.7
1	0.00080	80	0.00020	99,532	397,929	0.99922 ^b	7,568,481	76.0
5	0.00063	63	0.00013	99,452	497,102	0.99935	7,170,553	72.1
10	0.00067	67	0.00013	99,389	496,778	0.99918	6,673,450	67.1
15	0.00096	96	0.00019	99,322	496,372	0.99864	6,176,672	62.2
20	0.00176	175	0.00035	99,226	495,695	0.99817	5,680,301	57.2
25	0.00190	188	0.00038	99,051	494,786	0.99747	5,184,606	52.3
30	0.00316	312	0.00063	98,863	493,536	0.99588	4,689,820	47.4
35	0.00508	500	0.00102	98,551	491,505	0.99310	4,196,284	42.6
40	0.00873	856	0.00175	98,051	488,114	0.98951	3,704,780	37.8
45	0.01227	1,193	0.00247	97,195	482,992	0.98385	3,216,666	33.1
50	0.02007	1,927	0.00406	96,002	475,193	0.97362	2,733,673	28.5
55	0.03281	3,087	0.00667	94,075	462,659	0.95798	2,258,480	24.0
60	0.05155	4,690	0.01058	90,989	443,217	0.92902	1,795,821	19.7
65	0.09147	7,894	0.01917	86,298	411,758	0.87087	1,352,604	15.7
70	0.17059	13,375	0.03730	78,405	358,586	0.77471	940,846	12.0
75	0.29124	18,939	0.06818	65,030	277,801	0.52289 ^c	582,260	9.0
80+	1.00000	46,091	0.15139	46,091	304,459	-	304,459	6.6

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
Notes: From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^p Permulaan
Preliminary

Jadual 4.10: Jadual hayat ringkas mengikut jantina dan umur, Sabah, 2021 ^P

Table 4.10: Abridged life table by sex and age, Sabah, 2021 ^P

Umur <i>Age</i>	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00745	745	0.00750	100,000	99,309	0.99193 ^a	7,399,833	74.0
1	0.00148	147	0.00037	99,255	396,656	0.99847 ^b	7,300,524	73.6
5	0.00136	135	0.00027	99,108	495,205	0.99870	6,903,869	69.7
10	0.00124	123	0.00025	98,974	494,562	0.99852	6,408,664	64.8
15	0.00171	169	0.00034	98,851	493,831	0.99784	5,914,102	59.8
20	0.00260	257	0.00052	98,682	492,766	0.99686	5,420,271	54.9
25	0.00367	362	0.00074	98,425	491,219	0.99563	4,927,505	50.1
30	0.00506	496	0.00101	98,063	489,075	0.99359	4,436,285	45.2
35	0.00776	757	0.00156	97,567	485,941	0.98889	3,947,211	40.5
40	0.01448	1,402	0.00292	96,810	480,543	0.98076	3,461,270	35.8
45	0.02406	2,295	0.00487	95,408	471,299	0.96834	2,980,727	31.2
50	0.03945	3,673	0.00805	93,112	456,378	0.95004	2,509,427	27.0
55	0.06089	5,446	0.01256	89,439	433,579	0.92313	2,053,050	23.0
60	0.09388	7,886	0.01970	83,993	400,249	0.90653	1,619,471	19.3
65	0.09302	7,079	0.01951	76,107	362,837	0.88027	1,219,222	16.0
70	0.14918	10,298	0.03224	69,028	319,395	0.80093	856,384	12.4
75	0.25770	15,135	0.05916	58,730	255,813	0.52362 ^c	536,989	9.1
80+	1.00000	43,595	0.15505	43,595	281,176	-	281,176	6.4
Lelaki <i>Male</i>								
0	0.00750	750	0.00755	100,000	99,298	0.99184 ^a	7,233,379	72.3
1	0.00162	161	0.00041	99,250	396,621	0.99836 ^b	7,134,080	71.9
5	0.00139	137	0.00028	99,090	495,105	0.99862	6,737,459	68.0
10	0.00138	137	0.00028	98,952	494,420	0.99825	6,242,354	63.1
15	0.00212	210	0.00043	98,816	493,553	0.99726	5,747,935	58.2
20	0.00336	332	0.00067	98,606	492,200	0.99611	5,254,382	53.3
25	0.00442	435	0.00089	98,274	490,284	0.99471	4,762,182	48.5
30	0.00617	604	0.00124	97,839	487,688	0.99241	4,271,898	43.7
35	0.00902	877	0.00181	97,236	483,985	0.98693	3,784,211	38.9
40	0.01714	1,652	0.00346	96,358	477,662	0.97732	3,300,225	34.2
45	0.02832	2,682	0.00574	94,706	466,827	0.96300	2,822,564	29.8
50	0.04593	4,227	0.00940	92,025	449,555	0.94103	2,355,736	25.6
55	0.07264	6,378	0.01508	87,797	423,043	0.91032	1,906,181	21.7
60	0.10806	8,798	0.02285	81,420	385,103	0.89007	1,483,139	18.2
65	0.11203	8,136	0.02373	72,622	342,769	0.85975	1,098,036	15.1
70	0.17204	11,094	0.03765	64,486	294,695	0.77553	755,266	11.7
75	0.28778	15,365	0.06723	53,392	228,546	0.50378 ^c	460,571	8.6
80+	1.00000	38,027	0.16389	38,027	232,025	-	232,025	6.1

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^P Permulaan
Preliminary

Jadual 4.10: Jadual hayat ringkas mengikut jantina dan umur, Sabah, 2021 ^P (samb.)

Table 4.10: Abridged life table by sex and age, Sabah, 2021 ^P (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00739	739	0.00744	100,000	99,314	0.99206 ^a	7,599,670	76.0
1	0.00133	132	0.00033	99,261	396,714	0.99856 ^b	7,500,356	75.6
5	0.00133	132	0.00027	99,129	495,313	0.99879	7,103,642	71.7
10	0.00109	108	0.00022	98,997	494,714	0.99884	6,608,328	66.8
15	0.00123	122	0.00025	98,889	494,139	0.99850	6,113,614	61.8
20	0.00176	174	0.00035	98,767	493,398	0.99769	5,619,475	56.9
25	0.00285	281	0.00057	98,593	492,260	0.99664	5,126,077	52.0
30	0.00387	380	0.00078	98,311	490,605	0.99488	4,633,817	47.1
35	0.00638	625	0.00128	97,931	488,092	0.99104	4,143,212	42.3
40	0.01156	1,125	0.00233	97,306	483,717	0.98453	3,655,120	37.6
45	0.01943	1,869	0.00393	96,181	476,232	0.97424	3,171,403	33.0
50	0.03221	3,038	0.00655	94,312	463,964	0.96001	2,695,171	28.6
55	0.04802	4,383	0.00984	91,274	445,412	0.93779	2,231,206	24.4
60	0.07711	6,700	0.01604	86,891	417,705	0.92508	1,785,794	20.6
65	0.07255	5,818	0.01506	80,191	386,410	0.90199	1,368,089	17.1
70	0.12547	9,331	0.02677	74,373	348,536	0.82692	981,679	13.2
75	0.22752	14,798	0.05134	65,041	288,212	0.54479 ^c	633,143	9.7
80+	1.00000	50,243	0.14566	50,243	344,931	-	344,931	6.9

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^P Permulaan
Preliminary

Jadual 4.11: Jadual hayat ringkas mengikut jantina dan umur, Sarawak, 2021^p

Table 4.11: Abridged life table by sex and age, Sarawak, 2021^p

Umur <i>Age</i>	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00525	525	0.00527	100,000	99,510	0.99419 ^a	7,483,706	74.8
1	0.00127	127	0.00032	99,475	397,585	0.99882 ^b	7,384,197	74.2
5	0.00093	93	0.00019	99,348	496,510	0.99892	6,986,612	70.3
10	0.00123	122	0.00025	99,256	495,975	0.99831	6,490,101	65.4
15	0.00215	213	0.00043	99,134	495,139	0.99697	5,994,127	60.5
20	0.00391	387	0.00078	98,921	493,639	0.99550	5,498,988	55.6
25	0.00510	502	0.00102	98,534	491,417	0.99404	5,005,349	50.8
30	0.00683	670	0.00137	98,032	488,488	0.99142	4,513,932	46.0
35	0.01034	1,006	0.00208	97,363	484,298	0.98710	4,025,445	41.3
40	0.01548	1,492	0.00312	96,356	478,052	0.98059	3,541,147	36.8
45	0.02340	2,220	0.00474	94,864	468,772	0.97173	3,063,096	32.3
50	0.03325	3,081	0.00676	92,644	455,520	0.96176	2,594,324	28.0
55	0.04339	3,886	0.00887	89,564	438,103	0.94788	2,138,804	23.9
60	0.06126	5,248	0.01264	85,678	415,267	0.92290	1,700,701	19.9
65	0.09397	7,558	0.01972	80,429	383,251	0.87756	1,285,434	16.0
70	0.15386	11,212	0.03334	72,871	336,325	0.79597	902,183	12.4
75	0.26332	16,236	0.06065	61,659	267,705	0.52690 ^c	565,858	9.2
80+	1.00000	45,423	0.15235	45,423	298,153	-	298,153	6.6
Lelaki <i>Male</i>								
0	0.00555	555	0.00558	100,000	99,478	0.99398 ^a	7,255,231	72.6
1	0.00115	114	0.00029	99,445	397,512	0.99879 ^b	7,155,753	72.0
5	0.00107	107	0.00021	99,331	496,390	0.99875	6,758,241	68.0
10	0.00142	141	0.00028	99,225	495,772	0.99775	6,261,850	63.1
15	0.00307	305	0.00062	99,084	494,658	0.99564	5,766,078	58.2
20	0.00564	558	0.00113	98,779	492,503	0.99373	5,271,420	53.4
25	0.00691	678	0.00139	98,222	489,413	0.99216	4,778,917	48.7
30	0.00879	857	0.00177	97,543	485,574	0.98887	4,289,504	44.0
35	0.01349	1,304	0.00272	96,686	480,171	0.98279	3,803,929	39.3
40	0.02099	2,002	0.00424	95,382	471,907	0.97420	3,323,758	34.8
45	0.03072	2,868	0.00624	93,380	459,731	0.96346	2,851,852	30.5
50	0.04255	3,851	0.00869	90,512	442,932	0.95152	2,392,120	26.4
55	0.05467	4,738	0.01124	86,661	421,460	0.93575	1,949,188	22.5
60	0.07439	6,094	0.01545	81,923	394,380	0.90674	1,527,729	18.6
65	0.11364	8,617	0.02410	75,829	357,602	0.85596	1,133,349	14.9
70	0.17833	11,986	0.03916	67,212	306,095	0.76497	775,747	11.5
75	0.30404	16,791	0.07171	55,226	234,153	0.50143 ^c	469,652	8.5
80+	1.00000	38,435	0.16321	38,435	235,499	-	235,499	6.1

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^p Permulaan
Preliminary

Jadual 4.11: Jadual hayat ringkas mengikut jantina dan umur, Sarawak, 2021^P (samb.)

Table 4.11: Abridged life table by sex and age, Sarawak, 2021^P (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00493	493	0.00495	100,000	99,539	0.99444 ^a	7,749,722	77.5
1	0.00141	140	0.00035	99,507	397,679	0.99884 ^b	7,650,183	76.9
5	0.00078	78	0.00016	99,367	496,640	0.99910	7,252,504	73.0
10	0.00101	101	0.00020	99,289	496,194	0.99892	6,755,864	68.0
15	0.00115	114	0.00023	99,189	495,659	0.99841	6,259,670	63.1
20	0.00203	201	0.00041	99,075	494,872	0.99746	5,764,011	58.2
25	0.00304	301	0.00061	98,874	493,617	0.99619	5,269,139	53.3
30	0.00459	452	0.00092	98,573	491,735	0.99432	4,775,521	48.4
35	0.00679	666	0.00136	98,121	488,940	0.99182	4,283,786	43.7
40	0.00959	935	0.00193	97,455	484,939	0.98736	3,794,846	38.9
45	0.01572	1,517	0.00317	96,521	478,811	0.98032	3,309,907	34.3
50	0.02370	2,252	0.00480	95,004	469,389	0.97239	2,831,096	29.8
55	0.03161	2,932	0.00642	92,752	456,428	0.96038	2,361,707	25.5
60	0.04788	4,300	0.00981	89,819	438,347	0.93962	1,905,279	21.2
65	0.07351	6,287	0.01526	85,519	411,880	0.89952	1,466,933	17.2
70	0.12959	10,268	0.02771	79,233	370,493	0.82648	1,055,053	13.3
75	0.22399	15,448	0.05045	68,965	306,204	0.55270 ^c	684,560	9.9
80+	1.00000	53,517	0.14145	53,517	378,355	-	378,355	7.1

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^P Permulaan
Preliminary

Jadual 4.12: Jadual hayat ringkas mengikut jantina dan umur, Selangor, 2021 ^P

Table 4.12: Abridged life table by sex and age, Selangor, 2021 ^P

Umur Age	Kebangkitan mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakutan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	$n d_x$	$n m_x$	l_x	$n L_x$	$n S_x$	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00453	453	0.00455	100,000	99,576	0.99509 ^a	7,696,258	77.0
1	0.00088	87	0.00022	99,547	397,970	0.99923 ^b	7,596,683	76.3
5	0.00055	55	0.00011	99,460	497,160	0.99938	7,198,712	72.4
10	0.00069	68	0.00014	99,405	496,853	0.99877	6,701,552	67.4
15	0.00177	176	0.00036	99,336	496,241	0.99779	6,204,699	62.5
20	0.00265	263	0.00053	99,160	495,144	0.99701	5,708,458	57.6
25	0.00334	330	0.00067	98,898	493,662	0.99646	5,213,313	52.7
30	0.00375	369	0.00075	98,567	491,913	0.99514	4,719,652	47.9
35	0.00597	586	0.00120	98,198	489,524	0.99151	4,227,739	43.1
40	0.01102	1,075	0.00222	97,612	485,370	0.98517	3,738,215	38.3
45	0.01868	1,803	0.00377	96,536	478,174	0.97608	3,252,846	33.7
50	0.02927	2,773	0.00594	94,733	466,735	0.96288	2,774,672	29.3
55	0.04520	4,157	0.00925	91,961	449,411	0.94427	2,307,938	25.1
60	0.06677	5,862	0.01381	87,804	424,364	0.92507	1,858,526	21.2
65	0.08368	6,856	0.01747	81,942	392,567	0.90144	1,434,163	17.5
70	0.11479	8,619	0.02436	75,085	353,877	0.85276	1,041,596	13.9
75	0.18390	12,223	0.04050	66,466	301,771	0.56120 ^c	687,719	10.3
80+	1.00000	54,243	0.14054	54,243	385,947	-	385,947	7.1
Lelaki <i>Male</i>								
0	0.00470	470	0.00472	100,000	99,557	0.99489 ^a	7,505,578	75.1
1	0.00099	98	0.00025	99,530	397,889	0.99914 ^b	7,406,022	74.4
5	0.00057	56	0.00011	99,432	497,019	0.99935	7,008,133	70.5
10	0.00074	73	0.00015	99,376	496,694	0.99844	6,511,114	65.5
15	0.00238	237	0.00048	99,302	495,919	0.99700	6,014,420	60.6
20	0.00362	358	0.00072	99,065	494,431	0.99610	5,518,502	55.7
25	0.00418	412	0.00084	98,707	492,505	0.99551	5,024,070	50.9
30	0.00480	472	0.00096	98,295	490,294	0.99387	4,531,566	46.1
35	0.00746	730	0.00150	97,823	487,289	0.98943	4,041,272	41.3
40	0.01370	1,330	0.00276	97,093	482,140	0.98152	3,553,983	36.6
45	0.02332	2,234	0.00472	95,763	473,231	0.96963	3,071,843	32.1
50	0.03758	3,515	0.00766	93,529	458,860	0.95358	2,598,612	27.8
55	0.05559	5,004	0.01144	90,015	437,562	0.93171	2,139,752	23.8
60	0.08174	6,948	0.01704	85,010	407,680	0.91042	1,702,190	20.0
65	0.09813	7,660	0.02064	78,062	371,159	0.88315	1,294,510	16.6
70	0.13761	9,688	0.02956	70,402	327,789	0.82976	923,352	13.1
75	0.20809	12,634	0.04645	60,714	271,984	0.54332 ^c	595,563	9.8
80+	1.00000	48,080	0.14859	48,080	323,578	-	323,578	6.7

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^P Permulaan
Preliminary

Jadual 4.12: Jadual hayat ringkas mengikut jantina dan umur, Selangor, 2021 ^P (samb.)

Table 4.12: Abridged life table by sex and age, Selangor, 2021 ^P (cont'd)

Umur <i>Age</i>	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00436	436	0.00437	100,000	99,592	0.99532 ^a	7,923,476	79.2
1	0.00076	76	0.00019	99,564	398,070	0.99929 ^b	7,823,884	78.6
5	0.00054	53	0.00011	99,489	497,310	0.99942	7,425,814	74.6
10	0.00063	63	0.00013	99,435	497,020	0.99913	6,928,504	69.7
15	0.00110	110	0.00022	99,373	496,589	0.99876	6,431,484	64.7
20	0.00138	137	0.00028	99,263	495,972	0.99818	5,934,895	59.8
25	0.00225	223	0.00045	99,126	495,071	0.99760	5,438,923	54.9
30	0.00256	253	0.00051	98,903	493,881	0.99655	4,943,852	50.0
35	0.00434	428	0.00087	98,650	492,177	0.99389	4,449,971	45.1
40	0.00789	775	0.00158	98,221	489,169	0.98941	3,957,794	40.3
45	0.01332	1,298	0.00268	97,446	483,987	0.98336	3,468,625	35.6
50	0.02001	1,924	0.00404	96,149	475,933	0.97332	2,984,638	31.0
55	0.03348	3,155	0.00681	94,224	463,235	0.95836	2,508,705	26.6
60	0.05009	4,561	0.01027	91,070	443,945	0.94122	2,045,470	22.5
65	0.06793	5,876	0.01406	86,508	417,850	0.91992	1,601,525	18.5
70	0.09313	7,509	0.01953	80,632	384,387	0.87428	1,183,674	14.7
75	0.16166	11,821	0.03517	73,123	336,063	0.57955 ^c	799,287	10.9
80+	1.00000	61,302	0.13234	61,302	463,223	-	463,223	7.6

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
Notes: From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^P Permulaan
Preliminary

Jadual 4.13: Jadual hayat ringkas mengikut jantina dan umur, Terengganu, 2021^p

Table 4.13: Abridged life table by sex and age, Terengganu, 2021^p

Umur <i>Age</i>	Kebangkitan mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakutan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00598	598	0.00602	100,000	99,442	0.99347 ^a	7,184,576	71.8
1	0.00128	127	0.00032	99,402	397,291	0.99875 ^b	7,085,133	71.3
5	0.00106	105	0.00021	99,275	496,112	0.99869	6,687,842	67.4
10	0.00156	155	0.00031	99,170	495,462	0.99762	6,191,730	62.4
15	0.00319	316	0.00064	99,015	494,285	0.99655	5,696,269	57.5
20	0.00372	367	0.00074	98,699	492,578	0.99572	5,201,984	52.7
25	0.00485	477	0.00097	98,332	490,469	0.99384	4,709,406	47.9
30	0.00749	733	0.00150	97,855	487,446	0.99058	4,218,938	43.1
35	0.01137	1,104	0.00229	97,123	482,854	0.98507	3,731,492	38.4
40	0.01853	1,779	0.00374	96,019	475,646	0.97682	3,248,638	33.8
45	0.02791	2,630	0.00566	94,240	464,622	0.96482	2,772,992	29.4
50	0.04266	3,908	0.00872	91,609	448,275	0.94763	2,308,370	25.2
55	0.06251	5,482	0.01290	87,701	424,800	0.92106	1,860,095	21.2
60	0.09647	7,932	0.02027	82,219	391,265	0.88389	1,435,295	17.5
65	0.13784	10,240	0.02961	74,287	345,836	0.83098	1,044,030	14.1
70	0.20518	13,141	0.04573	64,047	287,384	0.73832	698,194	10.9
75	0.33277	16,940	0.07984	50,906	212,181	0.48351 ^c	410,810	8.1
80+	1.00000	33,966	0.17100	33,966	198,629	-	198,629	5.8
Lelaki <i>Male</i>								
0	0.00604	604	0.00607	100,000	99,433	0.99324 ^a	6,945,956	69.5
1	0.00170	169	0.00042	99,396	397,187	0.99832 ^b	6,846,523	68.9
5	0.00144	143	0.00029	99,228	495,783	0.99840	6,449,336	65.0
10	0.00177	176	0.00035	99,085	494,988	0.99684	5,953,553	60.1
15	0.00455	451	0.00091	98,910	493,423	0.99513	5,458,565	55.2
20	0.00519	511	0.00104	98,459	491,020	0.99449	4,965,142	50.4
25	0.00583	571	0.00117	97,949	488,316	0.99247	4,474,121	45.7
30	0.00924	900	0.00186	97,377	484,637	0.98810	3,985,806	40.9
35	0.01458	1,406	0.00294	96,477	478,872	0.98049	3,501,169	36.3
40	0.02451	2,331	0.00496	95,071	469,530	0.96890	3,022,297	31.8
45	0.03784	3,509	0.00771	92,741	454,930	0.95369	2,552,767	27.5
50	0.05510	4,917	0.01133	89,231	433,864	0.93407	2,097,837	23.5
55	0.07738	6,525	0.01610	84,314	405,260	0.90397	1,663,973	19.7
60	0.11625	9,043	0.02468	77,790	366,342	0.86196	1,258,713	16.2
65	0.16270	11,185	0.03542	68,747	315,772	0.79988	892,371	13.0
70	0.24480	14,091	0.05579	57,562	252,580	0.69926	576,599	10.0
75	0.37480	16,293	0.09225	43,470	176,619	0.45491 ^c	324,019	7.5
80+	1.00000	27,177	0.18438	27,177	147,399	-	147,399	5.4

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
Notes: From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^p Permulaan
Preliminary

Jadual 4.13: Jadual hayat ringkas mengikut jantina dan umur, Terengganu, 2021 ^p (samb.)

Table 4.13: Abridged life table by sex and age, Terengganu, 2021 ^p (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00593	593	0.00596	100,000	99,447	0.99373 ^a	7,453,929	74.5
1	0.00085	84	0.00021	99,407	397,419	0.99916 ^b	7,354,481	74.0
5	0.00066	65	0.00013	99,323	496,451	0.99900	6,957,062	70.0
10	0.00134	133	0.00027	99,258	495,954	0.99847	6,460,611	65.1
15	0.00171	169	0.00034	99,124	495,197	0.99806	5,964,657	60.2
20	0.00218	216	0.00044	98,955	494,235	0.99705	5,469,460	55.3
25	0.00372	367	0.00075	98,739	492,777	0.99540	4,975,225	50.4
30	0.00548	539	0.00110	98,372	490,512	0.99341	4,482,448	45.6
35	0.00771	754	0.00155	97,833	487,279	0.99026	3,991,936	40.8
40	0.01179	1,145	0.00237	97,079	482,533	0.98516	3,504,657	36.1
45	0.01792	1,719	0.00362	95,934	475,373	0.97576	3,022,124	31.5
50	0.03068	2,890	0.00623	94,215	463,850	0.96065	2,546,751	27.0
55	0.04829	4,410	0.00990	91,325	445,598	0.93744	2,082,901	22.8
60	0.07756	6,741	0.01614	86,914	417,721	0.90496	1,637,303	18.8
65	0.11398	9,139	0.02417	80,174	378,022	0.86135	1,219,582	15.2
70	0.16648	11,826	0.03632	71,035	325,611	0.77454	841,560	11.8
75	0.29622	17,539	0.06954	59,209	252,199	0.51119 ^c	515,949	8.7
80+	1.00000	41,670	0.15799	41,670	263,749	-	263,749	6.3

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^p Permulaan
Preliminary

Jadual 4.14: Jadual hayat ringkas mengikut jantina dan umur, W.P. Kuala Lumpur, 2021 ^p

Table 4.14: Abridged life table by sex and age, W.P. Kuala Lumpur, 2021 ^p

Umur <i>Age</i>	Kebangkitan mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakutan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00441	441	0.00443	100,000	99,586	0.99534 ^a	7,568,173	75.7
1	0.00062	62	0.00015	99,559	398,081	0.99938 ^b	7,468,586	75.0
5	0.00051	51	0.00010	99,497	497,359	0.99945	7,070,505	71.1
10	0.00058	58	0.00012	99,446	497,087	0.99891	6,573,146	66.1
15	0.00160	159	0.00032	99,388	496,545	0.99761	6,076,059	61.1
20	0.00318	316	0.00064	99,230	495,359	0.99681	5,579,514	56.2
25	0.00319	316	0.00064	98,914	493,780	0.99691	5,084,156	51.4
30	0.00298	294	0.00060	98,598	492,257	0.99630	4,590,375	46.6
35	0.00442	434	0.00088	98,304	490,437	0.99419	4,098,118	41.7
40	0.00721	706	0.00145	97,870	487,588	0.98902	3,607,681	36.9
45	0.01478	1,436	0.00298	97,165	482,234	0.97657	3,120,093	32.1
50	0.03221	3,083	0.00655	95,729	470,937	0.95686	2,637,859	27.6
55	0.05444	5,044	0.01119	92,646	450,620	0.92944	2,166,922	23.4
60	0.08761	7,675	0.01833	87,602	418,823	0.89995	1,716,302	19.6
65	0.11368	9,086	0.02411	79,927	376,920	0.87012	1,297,479	16.2
70	0.14816	10,496	0.03200	70,841	327,964	0.82522	920,559	13.0
75	0.20602	12,432	0.04593	60,345	270,644	0.54329 ^c	592,595	9.8
80+	1.00000	47,913	0.14882	47,913	321,952	-	321,952	6.7
Lelaki <i>Male</i>								
0	0.00465	465	0.00467	100,000	99,561	0.99506 ^a	7,345,706	73.5
1	0.00072	72	0.00018	99,535	397,970	0.99928 ^b	7,246,145	72.8
5	0.00057	57	0.00011	99,463	497,174	0.99933	6,848,176	68.9
10	0.00077	76	0.00015	99,407	496,842	0.99848	6,351,001	63.9
15	0.00228	226	0.00046	99,330	496,087	0.99646	5,854,159	58.9
20	0.00480	476	0.00096	99,104	494,332	0.99543	5,358,072	54.1
25	0.00433	427	0.00087	98,628	492,074	0.99603	4,863,740	49.3
30	0.00360	354	0.00072	98,201	490,121	0.99544	4,371,667	44.5
35	0.00551	539	0.00111	97,847	487,889	0.99287	3,881,545	39.7
40	0.00875	852	0.00176	97,308	484,411	0.98681	3,393,656	34.9
45	0.01767	1,704	0.00357	96,456	478,021	0.97077	2,909,245	30.2
50	0.04101	3,886	0.00837	94,752	464,046	0.94461	2,431,224	25.7
55	0.07038	6,395	0.01459	90,866	438,344	0.91014	1,967,178	21.6
60	0.11082	9,361	0.02346	84,471	398,953	0.87540	1,528,834	18.1
65	0.14011	10,523	0.03013	75,110	349,242	0.84281	1,129,881	15.0
70	0.17705	11,435	0.03885	64,587	294,346	0.79451	780,639	12.1
75	0.24005	12,759	0.05456	53,152	233,860	0.51910 ^c	486,293	9.1
80+	1.00000	40,392	0.16001	40,392	252,433	-	252,433	6.2

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^p Permulaan
Preliminary

Jadual 4.14: Jadual hayat ringkas mengikut jantina dan umur, W.P. Kuala Lumpur, 2021 ^p (samb.)

Table 4.14: Abridged life table by sex and age, W.P. Kuala Lumpur, 2021 ^p (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00415	415	0.00417	100,000	99,611	0.99565 ^a	7,831,045	78.3
1	0.00052	51	0.00013	99,585	398,212	0.99947 ^b	7,731,434	77.6
5	0.00044	44	0.00009	99,534	497,559	0.99959	7,333,222	73.7
10	0.00039	39	0.00008	99,490	497,353	0.99939	6,835,663	68.7
15	0.00084	83	0.00017	99,451	497,048	0.99894	6,338,310	63.7
20	0.00128	127	0.00026	99,368	496,521	0.99843	5,841,263	58.8
25	0.00186	185	0.00037	99,241	495,741	0.99795	5,344,742	53.9
30	0.00224	222	0.00045	99,056	494,725	0.99734	4,849,001	49.0
35	0.00308	305	0.00062	98,834	493,409	0.99582	4,354,276	44.1
40	0.00528	520	0.00106	98,529	491,347	0.99177	3,860,867	39.2
45	0.01120	1,098	0.00225	98,009	487,301	0.98328	3,369,520	34.4
50	0.02230	2,161	0.00451	96,911	479,154	0.96981	2,882,219	29.7
55	0.03827	3,626	0.00780	94,750	464,687	0.94904	2,403,065	25.4
60	0.06416	5,847	0.01326	91,124	441,004	0.92472	1,938,378	21.3
65	0.08716	7,433	0.01823	85,277	407,806	0.89753	1,497,374	17.6
70	0.11924	9,282	0.02536	77,845	366,020	0.85468	1,089,568	14.0
75	0.17494	11,995	0.03834	68,563	312,829	0.56765 ^c	723,548	10.6
80+	1.00000	56,569	0.13773	56,569	410,718	-	410,718	7.3

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^p Permulaan
Preliminary

Jadual 4.15: Jadual hayat ringkas mengikut jantina dan umur, W.P. Labuan, 2021 ^p

Table 4.15: Abridged life table by sex and age, W.P. Labuan, 2021 ^p

Umur <i>Age</i>	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00490	490	0.00493	100,000	99,541	0.99459 ^a	7,483,799	74.8
1	0.00115	114	0.00029	99,510	397,754	0.99878 ^b	7,384,258	74.2
5	0.00116	115	0.00023	99,395	496,687	0.99899	6,986,504	70.3
10	0.00085	84	0.00017	99,280	496,188	0.99835	6,489,817	65.4
15	0.00245	243	0.00049	99,195	495,369	0.99758	5,993,629	60.4
20	0.00240	238	0.00048	98,952	494,168	0.99628	5,498,260	55.6
25	0.00504	497	0.00101	98,715	492,331	0.99468	5,004,092	50.7
30	0.00560	550	0.00112	98,217	489,711	0.99430	4,511,761	45.9
35	0.00580	567	0.00116	97,667	486,918	0.99181	4,022,050	41.2
40	0.01059	1,029	0.00213	97,100	482,930	0.98527	3,535,132	36.4
45	0.01891	1,816	0.00382	96,072	475,817	0.97099	3,052,202	31.8
50	0.03931	3,705	0.00802	94,255	462,014	0.95690	2,576,385	27.3
55	0.04704	4,259	0.00963	90,550	442,102	0.94042	2,114,371	23.4
60	0.07275	6,277	0.01510	86,291	415,760	0.90203	1,672,269	19.4
65	0.12516	10,015	0.02670	80,013	375,030	0.86653	1,256,508	15.7
70	0.14296	10,007	0.03079	69,999	324,977	0.80758	881,478	12.6
75	0.25013	15,006	0.05718	59,992	262,445	0.52840 ^c	556,501	9.3
80+	1.00000	44,986	0.15298	44,986	294,057	-	294,057	6.5
Lelaki <i>Male</i>								
0	0.00634	634	0.00637	100,000	99,405	0.99288 ^a	7,318,882	73.2
1	0.00183	182	0.00046	99,366	397,034	0.99788 ^b	7,219,477	72.7
5	0.00215	214	0.00043	99,184	495,387	0.99853	6,822,443	68.8
10	0.00078	77	0.00016	98,971	494,661	0.99828	6,327,056	63.9
15	0.00266	263	0.00053	98,894	493,811	0.99639	5,832,395	59.0
20	0.00457	450	0.00092	98,631	492,027	0.99366	5,338,584	54.1
25	0.00811	796	0.00163	98,180	488,909	0.99211	4,846,558	49.4
30	0.00767	747	0.00154	97,384	485,051	0.99275	4,357,648	44.7
35	0.00683	660	0.00137	96,637	481,533	0.99222	3,872,597	40.1
40	0.00873	838	0.00175	95,977	477,788	0.98447	3,391,064	35.3
45	0.02238	2,130	0.00453	95,139	470,369	0.96354	2,913,276	30.6
50	0.05086	4,731	0.01044	93,009	453,218	0.94928	2,442,907	26.3
55	0.05057	4,464	0.01038	88,278	430,232	0.94023	1,989,689	22.5
60	0.06946	5,822	0.01439	83,814	404,517	0.88779	1,559,457	18.6
65	0.15815	12,334	0.03435	77,993	359,127	0.84008	1,154,940	14.8
70	0.16203	10,638	0.03526	65,658	301,695	0.79295	795,813	12.1
75	0.26078	14,348	0.05998	55,020	239,229	0.51585 ^c	494,118	9.0
80+	1.00000	40,672	0.15957	40,672	254,889	-	254,889	6.3

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^p Permulaan
Preliminary

Jadual 4.15: Jadual hayat ringkas mengikut jantina dan umur, W.P. Labuan, 2021 ^p (samb.)

Table 4.15: Abridged life table by sex and age, W.P. Labuan, 2021 ^p (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00350	350	0.00351	100,000	99,671	0.99637 ^a	7,663,114	76.6
1	0.00036	35	0.00009	99,650	398,513	0.99978 ^b	7,563,442	75.9
5	0.00000	-	0.00000	99,615	498,074	0.99953	7,164,930	71.9
10	0.00094	94	0.00019	99,615	497,839	0.99841	6,666,856	66.9
15	0.00223	222	0.00045	99,521	497,049	0.99855	6,169,017	62.0
20	0.00067	66	0.00013	99,299	496,328	0.99870	5,671,967	57.1
25	0.00194	193	0.00039	99,233	495,681	0.99724	5,175,639	52.2
30	0.00357	354	0.00072	99,040	494,314	0.99592	4,679,958	47.3
35	0.00458	452	0.00092	98,686	492,299	0.99124	4,185,644	42.4
40	0.01296	1,273	0.00261	98,234	487,985	0.98570	3,693,345	37.6
45	0.01566	1,519	0.00316	96,960	481,005	0.97798	3,205,360	33.1
50	0.02847	2,717	0.00578	95,442	470,415	0.96435	2,724,355	28.5
55	0.04303	3,990	0.00880	92,724	453,646	0.94049	2,253,940	24.3
60	0.07673	6,809	0.01596	88,734	426,648	0.91707	1,800,294	20.3
65	0.08964	7,344	0.01877	81,925	391,267	0.89598	1,373,645	16.8
70	0.11982	8,936	0.02549	74,582	350,568	0.82481	982,378	13.2
75	0.23810	15,630	0.05405	65,646	289,153	0.54234 ^c	631,810	9.6
80+	1.00000	50,016	0.14596	50,016	342,657	-	342,657	6.9

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^p Permulaan
Preliminary

Jadual 4.16: Jadual hayat ringkas mengikut jantina dan umur, W.P. Putrajaya, 2021 ^p

Table 4.16: Abridged life table by sex and age, W.P. Putrajaya, 2021 ^p

Umur <i>Age</i>	Kebangkitan mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00693	693	0.00697	100,000	99,356	0.99304 ^a	7,494,210	74.9
1	0.00026	26	0.00007	99,307	397,163	0.99958 ^b	7,394,854	74.5
5	0.00038	38	0.00008	99,281	496,311	0.99937	6,997,691	70.5
10	0.00087	87	0.00018	99,243	496,000	0.99861	6,501,380	65.5
15	0.00191	189	0.00038	99,157	495,310	0.99664	6,005,380	60.6
20	0.00481	476	0.00096	98,967	493,647	0.99642	5,510,070	55.7
25	0.00234	231	0.00047	98,492	491,881	0.99718	5,016,423	50.9
30	0.00330	325	0.00066	98,261	490,493	0.99638	4,524,541	46.0
35	0.00393	385	0.00079	97,936	488,718	0.99457	4,034,049	41.2
40	0.00693	676	0.00139	97,551	486,065	0.99048	3,545,330	36.3
45	0.01212	1,174	0.00244	96,875	481,440	0.98166	3,059,265	31.6
50	0.02463	2,357	0.00499	95,701	472,612	0.96303	2,577,825	26.9
55	0.04963	4,632	0.01018	93,344	455,138	0.92676	2,105,213	22.6
60	0.09809	8,701	0.02063	88,711	421,804	0.89514	1,650,074	18.6
65	0.11236	8,990	0.02381	80,010	377,575	0.84174	1,228,271	15.4
70	0.20997	14,912	0.04692	71,020	317,821	0.78592	850,695	12.0
75	0.21930	12,304	0.04926	56,108	249,781	0.53126 ^c	532,874	9.5
80+	1.00000	43,804	0.15473	43,804	283,093	-	283,093	6.5
Lelaki <i>Male</i>								
0	0.00647	647	0.00651	100,000	99,392	0.99349 ^a	7,232,835	72.3
1	0.00025	25	0.00006	99,353	397,351	0.99951 ^b	7,133,443	71.8
5	0.00055	55	0.00011	99,328	496,501	0.99936	6,736,091	67.8
10	0.00073	72	0.00015	99,273	496,184	0.99780	6,239,590	62.9
15	0.00367	365	0.00074	99,201	495,092	0.99392	5,743,406	57.9
20	0.00850	840	0.00171	98,836	492,081	0.99372	5,248,313	53.1
25	0.00404	396	0.00081	97,996	488,991	0.99576	4,756,232	48.5
30	0.00444	433	0.00089	97,600	486,919	0.99514	4,267,241	43.7
35	0.00528	513	0.00106	97,167	484,554	0.99341	3,780,322	38.9
40	0.00791	764	0.00159	96,654	481,361	0.99040	3,295,768	34.1
45	0.01131	1,085	0.00228	95,890	476,738	0.97891	2,814,406	29.4
50	0.03098	2,937	0.00629	94,805	466,684	0.95416	2,337,668	24.7
55	0.06118	5,621	0.01262	91,868	445,290	0.91227	1,870,984	20.4
60	0.11600	10,005	0.02463	86,248	406,227	0.87820	1,425,694	16.5
65	0.12835	9,786	0.02743	76,243	356,750	0.80738	1,019,467	13.4
70	0.26634	17,700	0.06145	66,457	288,033	0.69204	662,718	10.0
75	0.36468	17,781	0.08920	48,756	199,331	0.46800 ^c	374,684	7.7
80+	1.00000	30,976	0.17665	30,976	175,354	-	175,354	5.7

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^p Permulaan
Preliminary

Jadual 4.16: Jadual hayat ringkas mengikut jantina dan umur, W.P. Putrajaya, 2021 ^p (samb.)

Table 4.16: Abridged life table by sex and age, W.P. Putrajaya, 2021 ^p (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00739	739	0.00744	100,000	99,315	0.99259 ^a	7,741,768	77.4
1	0.00027	27	0.00007	99,261	396,979	0.99966 ^b	7,642,454	77.0
5	0.00020	19	0.00004	99,235	496,124	0.99939	7,245,475	73.0
10	0.00103	102	0.00021	99,215	495,819	0.99948	6,749,351	68.0
15	0.00000	-	0.00000	99,113	495,563	0.99958	6,253,532	63.1
20	0.00083	82	0.00017	99,113	495,357	0.99911	5,757,969	58.1
25	0.00095	94	0.00019	99,030	494,916	0.99833	5,262,611	53.1
30	0.00239	236	0.00048	98,936	494,091	0.99739	4,767,695	48.2
35	0.00283	279	0.00057	98,700	492,802	0.99561	4,273,604	43.3
40	0.00595	586	0.00119	98,421	490,640	0.99054	3,780,802	38.4
45	0.01300	1,272	0.00262	97,835	485,996	0.98442	3,290,163	33.6
50	0.01820	1,758	0.00367	96,563	478,422	0.97250	2,804,167	29.0
55	0.03696	3,504	0.00753	94,806	465,268	0.94135	2,325,744	24.5
60	0.08118	7,412	0.01692	91,301	437,978	0.91038	1,860,477	20.4
65	0.09881	8,290	0.02079	83,890	398,725	0.86546	1,422,499	17.0
70	0.17418	13,168	0.03816	75,600	345,081	0.84586	1,023,774	13.5
75	0.12987	8,108	0.02778	62,432	291,891	0.56992 ^c	678,692	10.9
80+	1.00000	54,324	0.14044	54,324	386,802	-	386,802	7.1

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^p Permulaan
Preliminary

NEGERI/ *STATE* 2022^e



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Jadual 5.1: Jadual hayat ringkas mengikut jantina dan umur, Johor, 2022^e

Table 5.1: Abridged life table by sex and age, Johor, 2022^e

Umur Age	Kebbarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00638	638	0.00642	100,000	99,406	0.99333 ^a	7,314,809	73.1
1	0.00076	76	0.00019	99,362	397,260	0.99915 ^b	7,215,403	72.6
5	0.00075	74	0.00015	99,286	496,246	0.99918	6,818,143	68.7
10	0.00089	88	0.00018	99,212	495,840	0.99841	6,321,897	63.7
15	0.00228	226	0.00046	99,124	495,053	0.99726	5,826,058	58.8
20	0.00320	317	0.00064	98,897	493,694	0.99592	5,331,005	53.9
25	0.00495	488	0.00099	98,580	491,681	0.99388	4,837,310	49.1
30	0.00730	716	0.00147	98,092	488,671	0.99065	4,345,629	44.3
35	0.01142	1,112	0.00230	97,376	484,101	0.98535	3,856,958	39.6
40	0.01792	1,725	0.00362	96,264	477,009	0.97754	3,372,857	35.0
45	0.02709	2,561	0.00549	94,539	466,294	0.96665	2,895,848	30.6
50	0.03978	3,659	0.00812	91,978	450,745	0.95209	2,429,554	26.4
55	0.05638	4,980	0.01160	88,319	429,148	0.93198	1,978,809	22.4
60	0.08036	6,697	0.01675	83,340	399,955	0.89718	1,549,661	18.6
65	0.12724	9,752	0.02718	76,642	358,832	0.84183	1,149,706	15.0
70	0.19360	12,950	0.04287	66,891	302,077	0.78109	790,873	11.8
75	0.25029	13,501	0.05722	53,940	235,949	0.51729 ^c	488,797	9.1
80+	1.00000	40,440	0.15994	40,440	252,847	-	252,847	6.3
Lelaki <i>Male</i>								
0	0.00699	699	0.00703	100,000	99,345	0.99279 ^a	7,123,170	71.2
1	0.00066	66	0.00017	99,301	397,050	0.99922 ^b	7,023,825	70.7
5	0.00070	69	0.00014	99,236	496,006	0.99916	6,626,775	66.8
10	0.00098	98	0.00020	99,167	495,589	0.99789	6,130,769	61.8
15	0.00324	321	0.00065	99,069	494,543	0.99640	5,635,180	56.9
20	0.00396	391	0.00079	98,748	492,762	0.99516	5,140,637	52.1
25	0.00573	564	0.00115	98,357	490,375	0.99276	4,647,875	47.3
30	0.00876	856	0.00176	97,793	486,825	0.98919	4,157,499	42.5
35	0.01288	1,248	0.00259	96,937	481,563	0.98339	3,670,674	37.9
40	0.02039	1,951	0.00412	95,688	473,564	0.97443	3,189,111	33.3
45	0.03085	2,892	0.00627	93,737	461,457	0.96119	2,715,547	29.0
50	0.04703	4,273	0.00963	90,845	443,546	0.94214	2,254,090	24.8
55	0.06922	5,993	0.01434	86,573	417,882	0.91726	1,810,545	20.9
60	0.09726	7,837	0.02045	80,580	383,307	0.87465	1,392,663	17.3
65	0.15646	11,381	0.03395	72,743	335,261	0.81126	1,009,356	13.9
70	0.22701	13,930	0.05122	61,362	271,984	0.74818	674,095	11.0
75	0.28392	13,467	0.06618	47,432	203,492	0.49394 ^c	402,111	8.5
80+	1.00000	33,965	0.17100	33,965	198,620	-	198,620	5.8

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.1: Jadual hayat ringkas mengikut jantina dan umur, Johor, 2022^e (samb.)

Table 5.1: Abridged life table by sex and age, Johor, 2022^e (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00574	574	0.00577	100,000	99,465	0.99391 ^a	7,539,264	75.4
1	0.00087	87	0.00022	99,426	397,489	0.99908 ^b	7,439,799	74.8
5	0.00080	80	0.00016	99,339	496,497	0.99920	7,042,310	70.9
10	0.00079	78	0.00016	99,260	496,102	0.99900	6,545,813	65.9
15	0.00121	120	0.00024	99,181	495,605	0.99828	6,049,711	61.0
20	0.00223	221	0.00045	99,061	494,754	0.99693	5,554,106	56.1
25	0.00391	387	0.00078	98,840	493,235	0.99530	5,059,352	51.2
30	0.00549	540	0.00110	98,454	490,917	0.99241	4,566,117	46.4
35	0.00970	950	0.00195	97,913	487,192	0.98761	4,075,200	41.6
40	0.01510	1,464	0.00304	96,964	481,157	0.98104	3,588,007	37.0
45	0.02287	2,184	0.00463	95,499	472,037	0.97247	3,106,850	32.5
50	0.03230	3,014	0.00657	93,315	459,042	0.96275	2,634,813	28.2
55	0.04235	3,825	0.00865	90,301	441,944	0.94770	2,175,772	24.1
60	0.06269	5,422	0.01294	86,477	418,829	0.91987	1,733,827	20.0
65	0.09874	8,003	0.02077	81,055	385,267	0.87173	1,314,998	16.2
70	0.16103	11,764	0.03503	73,052	335,849	0.81222	929,732	12.7
75	0.21967	13,463	0.04935	61,288	272,783	0.54068 ^c	593,883	9.7
80+	1.00000	47,825	0.14894	47,825	321,100	-	321,100	6.7

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.2: Jadual hayat ringkas mengikut jantina dan umur, Kedah, 2022^e

Table 5.2: Abridged life table by sex and age, Kedah, 2022^e

Umur Age	Kebangkitan mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakutan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00580	580	0.00583	100,000	99,459	0.99395 ^a	7,091,731	70.9
1	0.00068	67	0.00017	99,420	397,515	0.99918 ^b	6,992,271	70.3
5	0.00080	80	0.00016	99,353	496,567	0.99904	6,594,757	66.4
10	0.00111	111	0.00022	99,273	496,091	0.99784	6,098,190	61.4
15	0.00321	318	0.00064	99,163	495,019	0.99610	5,602,099	56.5
20	0.00458	453	0.00092	98,845	493,090	0.99461	5,107,080	51.7
25	0.00620	610	0.00124	98,392	490,434	0.99190	4,613,990	46.9
30	0.01001	979	0.00201	97,782	486,463	0.98645	4,123,556	42.2
35	0.01712	1,658	0.00345	96,803	479,872	0.97674	3,637,093	37.6
40	0.02950	2,807	0.00599	95,146	468,711	0.96549	3,157,221	33.2
45	0.03967	3,663	0.00809	92,339	452,537	0.95380	2,688,509	29.1
50	0.05301	4,701	0.01089	88,676	431,628	0.93636	2,235,972	25.2
55	0.07486	6,286	0.01555	83,975	404,161	0.91341	1,804,344	21.5
60	0.09928	7,713	0.02089	77,689	369,163	0.88406	1,400,183	18.0
65	0.13443	9,407	0.02882	69,976	326,364	0.83826	1,031,020	14.7
70	0.19330	11,708	0.04280	60,569	273,577	0.77873	704,656	11.6
75	0.25594	12,505	0.05870	48,861	213,043	0.50579 ^c	431,079	8.8
80+	1.00000	36,356	0.16674	36,356	218,036	-	218,036	6.0
Lelaki <i>Male</i>								
0	0.00608	608	0.00611	100,000	99,429	0.99363 ^a	6,858,694	68.6
1	0.00078	78	0.00020	99,392	397,385	0.99893 ^b	6,759,265	68.0
5	0.00116	115	0.00023	99,314	496,284	0.99874	6,361,880	64.1
10	0.00136	135	0.00027	99,199	495,657	0.99703	5,865,597	59.1
15	0.00457	453	0.00092	99,064	494,186	0.99476	5,369,940	54.2
20	0.00592	584	0.00119	98,611	491,594	0.99313	4,875,754	49.4
25	0.00782	767	0.00157	98,027	488,218	0.98999	4,384,160	44.7
30	0.01223	1,189	0.00246	97,260	483,329	0.98315	3,895,942	40.1
35	0.02154	2,069	0.00435	96,071	475,183	0.97102	3,412,613	35.5
40	0.03659	3,440	0.00746	94,002	461,410	0.95706	2,937,431	31.2
45	0.04953	4,485	0.01016	90,562	441,597	0.94257	2,476,021	27.3
50	0.06574	5,659	0.01360	86,077	416,237	0.92266	2,034,424	23.6
55	0.08975	7,218	0.01879	80,418	384,046	0.89657	1,618,187	20.1
60	0.11846	8,672	0.02518	73,200	344,323	0.86055	1,234,141	16.9
65	0.16326	10,535	0.03555	64,529	296,307	0.81151	889,818	13.8
70	0.21865	11,806	0.04910	53,994	240,456	0.75530	593,510	11.0
75	0.27804	11,730	0.06459	42,188	181,616	0.48559 ^c	353,055	8.4
80+	1.00000	30,458	0.17766	30,458	171,439	-	171,439	5.6

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.2: Jadual hayat ringkas mengikut jantina dan umur, Kedah, 2022 ^e (samb.)

Table 5.2: Abridged life table by sex and age, Kedah, 2022 ^e (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00552	552	0.00555	100,000	99,484	0.99427 ^a	7,341,335	73.4
1	0.00056	55	0.00014	99,448	397,653	0.99944 ^b	7,241,850	72.8
5	0.00042	42	0.00008	99,392	496,857	0.99937	6,844,197	68.9
10	0.00085	85	0.00017	99,351	496,541	0.99871	6,347,340	63.9
15	0.00173	172	0.00035	99,266	495,900	0.99763	5,850,799	58.9
20	0.00301	298	0.00060	99,094	494,725	0.99635	5,354,899	54.0
25	0.00429	424	0.00086	98,796	492,920	0.99405	4,860,174	49.2
30	0.00762	750	0.00153	98,372	489,986	0.98987	4,367,255	44.4
35	0.01266	1,236	0.00255	97,622	485,022	0.98255	3,877,269	39.7
40	0.02230	2,150	0.00451	96,387	476,559	0.97394	3,392,247	35.2
45	0.02991	2,818	0.00607	94,237	464,138	0.96442	2,915,688	30.9
50	0.04143	3,787	0.00846	91,418	447,624	0.94906	2,451,550	26.8
55	0.06087	5,334	0.01256	87,631	424,820	0.92902	2,003,926	22.9
60	0.08175	6,728	0.01705	82,297	394,666	0.90545	1,579,106	19.2
65	0.10850	8,199	0.02295	75,569	357,348	0.86262	1,184,440	15.7
70	0.16977	11,437	0.03710	67,370	308,257	0.79939	827,091	12.3
75	0.23776	13,298	0.05397	55,933	246,417	0.52506 ^c	518,835	9.3
80+	1.00000	42,634	0.15650	42,634	272,417	-	272,417	6.4

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.3: Jadual hayat ringkas mengikut jantina dan umur, Kelantan, 2022^e

Table 5.3: Abridged life table by sex and age, Kelantan, 2022^e

Umur Age	Kebangkitan mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00664	664	0.00668	100,000	99,383	0.99301 ^a	7,095,237	71.0
1	0.00089	89	0.00022	99,336	397,124	0.99896 ^b	6,995,854	70.4
5	0.00100	100	0.00020	99,247	495,988	0.99879	6,598,730	66.5
10	0.00142	141	0.00028	99,148	495,387	0.99796	6,102,742	61.6
15	0.00265	262	0.00053	99,007	494,378	0.99678	5,607,356	56.6
20	0.00379	375	0.00076	98,744	492,786	0.99462	5,112,977	51.8
25	0.00698	686	0.00140	98,370	490,134	0.99125	4,620,192	47.0
30	0.01053	1,029	0.00212	97,684	485,846	0.98794	4,130,058	42.3
35	0.01360	1,315	0.00274	96,655	479,987	0.98245	3,644,212	37.7
40	0.02155	2,054	0.00436	95,340	471,565	0.97175	3,164,225	33.2
45	0.03510	3,274	0.00715	93,286	458,244	0.95995	2,692,660	28.9
50	0.04519	4,067	0.00925	90,012	439,890	0.94532	2,234,417	24.8
55	0.06462	5,554	0.01336	85,944	415,836	0.92082	1,794,527	20.9
60	0.09475	7,617	0.01989	80,390	382,909	0.88045	1,378,690	17.1
65	0.14695	10,694	0.03172	72,773	337,131	0.82261	995,781	13.7
70	0.21307	13,227	0.04770	62,079	277,327	0.72531	658,650	10.6
75	0.35300	17,245	0.08573	48,852	201,148	0.47250 ^c	381,323	7.8
80+	1.00000	31,607	0.17542	31,607	180,176	-	180,176	5.7
Lelaki <i>Male</i>								
0	0.00744	744	0.00749	100,000	99,304	0.99217 ^a	6,874,762	68.7
1	0.00103	102	0.00026	99,256	396,783	0.99873 ^b	6,775,458	68.3
5	0.00127	126	0.00025	99,154	495,456	0.99863	6,378,675	64.3
10	0.00148	146	0.00030	99,028	494,776	0.99751	5,883,219	59.4
15	0.00350	346	0.00070	98,882	493,544	0.99559	5,388,443	54.5
20	0.00532	525	0.00107	98,536	491,367	0.99304	4,894,899	49.7
25	0.00861	844	0.00173	98,011	487,946	0.98948	4,403,532	44.9
30	0.01245	1,210	0.00251	97,167	482,811	0.98532	3,915,586	40.3
35	0.01694	1,626	0.00342	95,957	475,721	0.97848	3,432,776	35.8
40	0.02618	2,470	0.00531	94,331	465,482	0.96555	2,957,054	31.3
45	0.04295	3,945	0.00878	91,862	449,444	0.94986	2,491,572	27.1
50	0.05766	5,069	0.01187	87,916	426,907	0.93227	2,042,127	23.2
55	0.07841	6,496	0.01632	82,847	397,995	0.90522	1,615,220	19.5
60	0.11256	8,594	0.02385	76,351	360,271	0.85933	1,217,225	15.9
65	0.17235	11,678	0.03772	67,757	309,593	0.79045	856,954	12.6
70	0.25451	14,273	0.05832	56,080	244,716	0.68624	547,362	9.8
75	0.39323	16,440	0.09789	41,807	167,935	0.44511 ^c	302,645	7.2
80+	1.00000	25,367	0.18831	25,367	134,710	-	134,710	5.3

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.3: Jadual hayat ringkas mengikut jantina dan umur, Kelantan, 2022 ^e (samb.)

Table 5.3: Abridged life table by sex and age, Kelantan, 2022 ^e (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00584	584	0.00587	100,000	99,456	0.99387 ^a	7,329,896	73.3
1	0.00075	75	0.00019	99,416	397,478	0.99918 ^b	7,230,441	72.7
5	0.00073	72	0.00015	99,341	496,526	0.99895	6,832,962	68.8
10	0.00137	136	0.00027	99,269	496,004	0.99844	6,336,437	63.8
15	0.00174	172	0.00035	99,133	495,232	0.99797	5,840,433	58.9
20	0.00232	229	0.00046	98,960	494,228	0.99621	5,345,200	54.0
25	0.00526	519	0.00105	98,731	492,357	0.99316	4,850,972	49.1
30	0.00844	829	0.00169	98,212	488,988	0.99078	4,358,615	44.4
35	0.01001	975	0.00201	97,383	484,479	0.98668	3,869,628	39.7
40	0.01667	1,607	0.00336	96,408	478,025	0.97791	3,385,149	35.1
45	0.02761	2,617	0.00560	94,802	467,466	0.96932	2,907,124	30.7
50	0.03385	3,120	0.00689	92,185	453,122	0.95709	2,439,659	26.5
55	0.05230	4,658	0.01074	89,064	433,677	0.93490	1,986,536	22.3
60	0.07861	6,635	0.01636	84,406	405,445	0.89954	1,552,859	18.4
65	0.12418	9,658	0.02648	77,772	364,714	0.85207	1,147,415	14.8
70	0.17505	11,924	0.03837	68,114	310,761	0.76115	782,701	11.5
75	0.31618	17,766	0.07511	56,190	236,536	0.49880 ^c	471,940	8.4
80+	1.00000	38,424	0.16323	38,424	235,404	-	235,404	6.1

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.4: Jadual hayat ringkas mengikut jantina dan umur, Melaka, 2022 ^e

Table 5.4: Abridged life table by sex and age, Melaka, 2022 ^e

Umur Age	Kebbarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00624	624	0.00627	100,000	99,419	0.99349 ^a	7,245,079	72.5
1	0.00072	71	0.00018	99,376	397,328	0.99914 ^b	7,145,660	71.9
5	0.00083	82	0.00017	99,305	496,319	0.99922	6,748,332	68.0
10	0.00073	73	0.00015	99,223	495,933	0.99847	6,252,013	63.0
15	0.00233	231	0.00047	99,150	495,173	0.99716	5,756,080	58.1
20	0.00335	331	0.00067	98,919	493,767	0.99598	5,260,906	53.2
25	0.00469	462	0.00094	98,588	491,784	0.99518	4,767,140	48.4
30	0.00495	485	0.00099	98,126	489,415	0.99243	4,275,356	43.6
35	0.01021	997	0.00205	97,640	485,710	0.98780	3,785,941	38.8
40	0.01421	1,373	0.00286	96,644	479,785	0.97803	3,300,231	34.1
45	0.02983	2,842	0.00606	95,270	469,245	0.96212	2,820,446	29.6
50	0.04616	4,267	0.00945	92,428	451,472	0.94190	2,351,201	25.4
55	0.07062	6,226	0.01464	88,161	425,240	0.91843	1,899,728	21.5
60	0.09335	7,649	0.01958	81,935	390,553	0.89565	1,474,489	18.0
65	0.11648	8,653	0.02474	74,286	349,799	0.84805	1,083,936	14.6
70	0.19209	12,607	0.04250	65,633	296,648	0.75013	734,138	11.2
75	0.32140	17,042	0.07659	53,026	222,524	0.49136 ^c	437,489	8.3
80+	1.00000	35,984	0.16739	35,984	214,965	-	214,965	6.0
Lelaki <i>Male</i>								
0	0.00621	621	0.00625	100,000	99,416	0.99356 ^a	7,018,437	70.2
1	0.00063	63	0.00016	99,379	397,365	0.99903 ^b	6,919,020	69.6
5	0.00113	112	0.00023	99,316	496,298	0.99899	6,521,655	65.7
10	0.00089	88	0.00018	99,203	495,798	0.99816	6,025,358	60.7
15	0.00280	278	0.00056	99,116	494,884	0.99624	5,529,560	55.8
20	0.00473	467	0.00095	98,838	493,022	0.99453	5,034,676	50.9
25	0.00621	611	0.00125	98,371	490,327	0.99404	4,541,654	46.2
30	0.00571	558	0.00115	97,760	487,404	0.99147	4,051,327	41.4
35	0.01136	1,104	0.00229	97,202	483,247	0.98708	3,563,923	36.7
40	0.01450	1,394	0.00292	96,097	477,002	0.96943	3,080,675	32.1
45	0.04687	4,439	0.00960	94,704	462,420	0.94927	2,603,673	27.5
50	0.05477	4,944	0.01126	90,264	438,964	0.92896	2,141,253	23.7
55	0.08825	7,529	0.01846	85,321	407,781	0.90050	1,702,289	20.0
60	0.11184	8,700	0.02369	77,792	367,207	0.86980	1,294,508	16.6
65	0.15087	10,424	0.03264	69,091	319,397	0.81422	927,301	13.4
70	0.22690	13,312	0.05119	58,667	260,058	0.71613	607,904	10.4
75	0.35755	16,217	0.08708	45,356	186,237	0.46460 ^c	347,846	7.7
80+	1.00000	29,139	0.18030	29,139	161,610	-	161,610	5.5

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.4: Jadual hayat ringkas mengikut jantina dan umur, Melaka, 2022 ^e (samb.)

Table 5.4: Abridged life table by sex and age, Melaka, 2022 ^e (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00627	627	0.00630	100,000	99,416	0.99342 ^a	7,479,373	74.8
1	0.00081	81	0.00020	99,373	397,292	0.99926 ^b	7,379,956	74.3
5	0.00050	49	0.00010	99,293	496,339	0.99947	6,982,664	70.3
10	0.00056	56	0.00011	99,243	496,077	0.99881	6,486,325	65.4
15	0.00181	180	0.00036	99,188	495,489	0.99825	5,990,248	60.4
20	0.00170	168	0.00034	99,008	494,620	0.99766	5,494,759	55.5
25	0.00299	295	0.00060	98,840	493,461	0.99660	5,000,139	50.6
30	0.00382	376	0.00077	98,545	491,782	0.99366	4,506,677	45.7
35	0.00887	870	0.00178	98,168	488,665	0.98866	4,014,895	40.9
40	0.01384	1,347	0.00279	97,298	483,123	0.98420	3,526,230	36.2
45	0.01778	1,706	0.00359	95,951	475,492	0.97226	3,043,107	31.7
50	0.03788	3,570	0.00772	94,245	462,302	0.95408	2,567,615	27.2
55	0.05429	4,922	0.01116	90,675	441,071	0.93549	2,105,314	23.2
60	0.07531	6,458	0.01565	85,753	412,619	0.92006	1,664,243	19.4
65	0.08494	6,735	0.01774	79,295	379,634	0.87910	1,251,624	15.8
70	0.16020	11,624	0.03483	72,559	333,735	0.78030	871,990	12.0
75	0.29054	17,704	0.06799	60,935	260,414	0.51619 ^c	538,254	8.8
80+	1.00000	43,231	0.15560	43,231	277,840	-	277,840	6.4

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.5: Jadual hayat ringkas mengikut jantina dan umur, Negeri Sembilan, 2022 ^e

Table 5.5: Abridged life table by sex and age, Negeri Sembilan, 2022 ^e

Umur Age	Kebbarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00636	636	0.00640	100,000	99,408	0.99332 ^a	7,243,754	72.4
1	0.00083	82	0.00021	99,364	397,252	0.99924 ^b	7,144,346	71.9
5	0.00050	50	0.00010	99,282	496,285	0.99932	6,747,094	68.0
10	0.00086	85	0.00017	99,232	495,948	0.99819	6,250,809	63.0
15	0.00276	274	0.00055	99,147	495,051	0.99679	5,754,861	58.0
20	0.00366	361	0.00073	98,873	493,463	0.99519	5,259,810	53.2
25	0.00597	588	0.00120	98,512	491,089	0.99315	4,766,346	48.4
30	0.00774	757	0.00155	97,924	487,725	0.99117	4,275,257	43.7
35	0.00994	966	0.00200	97,166	483,416	0.98584	3,787,532	39.0
40	0.01843	1,773	0.00372	96,200	476,569	0.97600	3,304,116	34.3
45	0.02967	2,802	0.00602	94,428	465,133	0.96192	2,827,547	29.9
50	0.04674	4,283	0.00957	91,626	447,421	0.94707	2,362,414	25.8
55	0.05942	5,190	0.01225	87,343	423,738	0.92486	1,914,993	21.9
60	0.09186	7,546	0.01926	82,153	391,897	0.88497	1,491,255	18.2
65	0.14054	10,485	0.03023	74,606	346,818	0.84026	1,099,357	14.7
70	0.18209	11,676	0.04006	64,121	291,416	0.77842	752,539	11.7
75	0.26987	14,154	0.06239	52,446	226,844	0.50806 ^c	461,123	8.8
80+	1.00000	38,292	0.16345	38,292	234,279	-	234,279	6.1
Lelaki <i>Male</i>								
0	0.00593	593	0.00596	100,000	99,443	0.99363 ^a	7,021,244	70.2
1	0.00110	109	0.00027	99,407	397,372	0.99918 ^b	6,921,802	69.6
5	0.00035	35	0.00007	99,298	496,405	0.99944	6,524,430	65.7
10	0.00077	76	0.00015	99,263	496,127	0.99748	6,028,025	60.7
15	0.00428	425	0.00086	99,187	494,874	0.99489	5,531,899	55.8
20	0.00595	587	0.00119	98,763	492,344	0.99328	5,037,024	51.0
25	0.00749	735	0.00150	98,175	489,038	0.99129	4,544,680	46.3
30	0.00993	968	0.00200	97,440	484,780	0.98910	4,055,643	41.6
35	0.01188	1,146	0.00239	96,472	479,494	0.98255	3,570,863	37.0
40	0.02308	2,200	0.00467	95,326	471,128	0.96923	3,091,369	32.4
45	0.03864	3,598	0.00788	93,126	456,633	0.95338	2,620,240	28.1
50	0.05493	4,918	0.01130	89,528	435,343	0.93418	2,163,607	24.2
55	0.07734	6,544	0.01609	84,609	406,688	0.90527	1,728,265	20.4
60	0.11358	8,866	0.02408	78,066	368,162	0.86026	1,321,577	16.9
65	0.16925	11,712	0.03698	69,199	316,716	0.81274	953,415	13.8
70	0.20894	12,011	0.04666	57,487	257,408	0.75474	636,699	11.1
75	0.29118	13,242	0.06816	45,476	194,276	0.48779 ^c	379,291	8.3
80+	1.00000	32,234	0.17423	32,234	185,015	-	185,015	5.7

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.5: Jadual hayat ringkas mengikut jantina dan umur, Negeri Sembilan, 2022 ^e (samb.)

Table 5.5: Abridged life table by sex and age, Negeri Sembilan, 2022 ^e (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00681	681	0.00685	100,000	99,367	0.99300 ^a	7,492,001	74.9
1	0.00060	59	0.00015	99,319	397,130	0.99927 ^b	7,392,634	74.4
5	0.00066	66	0.00013	99,260	496,137	0.99919	6,995,503	70.5
10	0.00095	95	0.00019	99,195	495,736	0.99900	6,499,366	65.5
15	0.00104	103	0.00021	99,100	495,241	0.99882	6,003,630	60.6
20	0.00132	130	0.00026	98,997	494,657	0.99722	5,508,389	55.6
25	0.00425	420	0.00085	98,866	493,280	0.99533	5,013,731	50.7
30	0.00509	502	0.00102	98,446	490,975	0.99361	4,520,451	45.9
35	0.00770	754	0.00155	97,944	487,837	0.98967	4,029,475	41.1
40	0.01299	1,263	0.00262	97,191	482,796	0.98309	3,541,638	36.4
45	0.02089	2,004	0.00422	95,928	474,630	0.97024	3,058,842	31.9
50	0.03882	3,646	0.00792	93,924	460,506	0.95913	2,584,212	27.5
55	0.04302	3,883	0.00879	90,278	441,683	0.94379	2,123,706	23.5
60	0.06999	6,047	0.01451	86,395	416,857	0.90933	1,682,023	19.5
65	0.11290	9,071	0.02393	80,348	379,061	0.86680	1,265,166	15.7
70	0.15608	11,125	0.03386	71,276	328,571	0.80037	886,105	12.4
75	0.25124	15,112	0.05747	60,152	262,978	0.52832 ^c	557,534	9.3
80+	1.00000	45,039	0.15291	45,039	294,556	-	294,556	6.5

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.6: Jadual hayat ringkas mengikut jantina dan umur, Pahang, 2022^e

Table 5.6: Abridged life table by sex and age, Pahang, 2022^e

Umur Age	Kebbarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00599	599	0.00603	100,000	99,442	0.99359 ^a	7,240,083	72.4
1	0.00101	100	0.00025	99,401	397,355	0.99888 ^b	7,140,641	71.8
5	0.00106	105	0.00021	99,301	496,241	0.99879	6,743,286	67.9
10	0.00136	135	0.00027	99,196	495,641	0.99820	6,247,045	63.0
15	0.00224	221	0.00045	99,061	494,751	0.99636	5,751,404	58.1
20	0.00504	499	0.00101	98,839	492,951	0.99419	5,256,653	53.2
25	0.00659	648	0.00132	98,341	490,084	0.99301	4,763,702	48.4
30	0.00739	722	0.00148	97,693	486,660	0.99147	4,273,618	43.7
35	0.00968	939	0.00195	96,971	482,507	0.98801	3,786,958	39.1
40	0.01432	1,375	0.00289	96,032	476,721	0.97972	3,304,451	34.4
45	0.02632	2,491	0.00533	94,657	467,055	0.96696	2,827,730	29.9
50	0.03994	3,681	0.00815	92,165	451,623	0.94635	2,360,675	25.6
55	0.06792	6,010	0.01406	88,484	427,395	0.92094	1,909,052	21.6
60	0.09100	7,505	0.01907	82,474	393,606	0.88482	1,481,657	18.0
65	0.14179	10,630	0.03052	74,969	348,269	0.83403	1,088,051	14.5
70	0.19414	12,491	0.04300	64,339	290,468	0.76771	739,782	11.5
75	0.27962	14,498	0.06501	51,848	222,996	0.50370 ^c	449,315	8.7
80+	1.00000	37,350	0.16503	37,350	226,319	-	226,319	6.1
Lelaki <i>Male</i>								
0	0.00613	613	0.00616	100,000	99,424	0.99342 ^a	7,015,805	70.2
1	0.00111	111	0.00028	99,387	397,288	0.99867 ^b	6,916,380	69.6
5	0.00134	133	0.00027	99,277	496,052	0.99854	6,519,093	65.7
10	0.00158	157	0.00032	99,144	495,328	0.99767	6,023,041	60.8
15	0.00307	304	0.00062	98,987	494,175	0.99491	5,527,714	55.8
20	0.00711	701	0.00143	98,683	491,661	0.99262	5,033,539	51.0
25	0.00765	749	0.00154	97,982	488,034	0.99179	4,541,878	46.4
30	0.00879	854	0.00176	97,232	484,025	0.98993	4,053,844	41.7
35	0.01137	1,096	0.00229	96,378	479,149	0.98662	3,569,819	37.0
40	0.01540	1,467	0.00310	95,282	472,741	0.97480	3,090,670	32.4
45	0.03515	3,297	0.00715	93,814	460,829	0.95843	2,617,930	27.9
50	0.04822	4,365	0.00988	90,517	441,674	0.93267	2,157,101	23.8
55	0.08741	7,531	0.01828	86,152	411,935	0.90344	1,715,427	19.9
60	0.10659	8,381	0.02252	78,622	372,157	0.86234	1,303,492	16.6
65	0.17244	12,112	0.03774	70,241	320,925	0.80035	931,335	13.3
70	0.23254	13,517	0.05263	58,129	256,851	0.72527	610,411	10.5
75	0.32971	14,709	0.07896	44,612	186,286	0.47311 ^c	353,560	7.9
80+	1.00000	29,903	0.17877	29,903	167,274	-	167,274	5.6

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.6: Jadual hayat ringkas mengikut jantina dan umur, Pahang, 2022 ^e (samb.)

Table 5.6: Abridged life table by sex and age, Pahang, 2022 ^e (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00583	583	0.00586	100,000	99,456	0.99380 ^a	7,506,385	75.1
1	0.00090	89	0.00022	99,417	397,445	0.99908 ^b	7,406,928	74.5
5	0.00077	76	0.00015	99,328	496,447	0.99906	7,009,483	70.6
10	0.00112	111	0.00022	99,251	495,978	0.99879	6,513,037	65.6
15	0.00129	128	0.00026	99,140	495,380	0.99802	6,017,059	60.7
20	0.00266	263	0.00053	99,012	494,402	0.99609	5,521,678	55.8
25	0.00516	509	0.00103	98,749	492,471	0.99462	5,027,276	50.9
30	0.00561	551	0.00113	98,240	489,820	0.99337	4,534,806	46.2
35	0.00765	747	0.00154	97,688	486,574	0.98965	4,044,986	41.4
40	0.01308	1,268	0.00263	96,941	481,538	0.98487	3,558,412	36.7
45	0.01722	1,648	0.00347	95,674	474,250	0.97585	3,076,874	32.2
50	0.03121	2,934	0.00634	94,026	462,795	0.96065	2,602,624	27.7
55	0.04775	4,350	0.00978	91,092	444,584	0.93863	2,139,829	23.5
60	0.07567	6,564	0.01573	86,742	417,300	0.90703	1,695,245	19.5
65	0.11169	8,955	0.02366	80,178	378,503	0.86750	1,277,944	15.9
70	0.15592	11,105	0.03382	71,223	328,352	0.80935	899,442	12.6
75	0.23179	13,935	0.05244	60,118	265,753	0.53466 ^c	571,090	9.5
80+	1.00000	46,183	0.15125	46,183	305,337	-	305,337	6.6

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.7: Jadual hayat ringkas mengikut jantina dan umur, Perak, 2022 ^e

Table 5.7: Abridged life table by sex and age, Perak, 2022 ^e

Umur Age	Kebbarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00616	616	0.00620	100,000	99,426	0.99346 ^a	7,305,559	73.1
1	0.00094	93	0.00023	99,384	397,302	0.99906 ^b	7,206,134	72.5
5	0.00077	77	0.00015	99,290	496,260	0.99911	6,808,831	68.6
10	0.00101	100	0.00020	99,214	495,818	0.99844	6,312,571	63.6
15	0.00211	209	0.00042	99,114	495,046	0.99708	5,816,753	58.7
20	0.00373	369	0.00075	98,905	493,603	0.99530	5,321,707	53.8
25	0.00567	559	0.00114	98,536	491,284	0.99314	4,828,104	49.0
30	0.00806	790	0.00162	97,977	487,912	0.99037	4,336,820	44.3
35	0.01122	1,090	0.00226	97,188	483,213	0.98597	3,848,908	39.6
40	0.01688	1,622	0.00340	96,097	476,433	0.97780	3,365,696	35.0
45	0.02762	2,610	0.00560	94,476	465,855	0.96375	2,889,263	30.6
50	0.04512	4,145	0.00923	91,866	448,967	0.94715	2,423,408	26.4
55	0.06093	5,345	0.01257	87,721	425,242	0.92874	1,974,440	22.5
60	0.08225	6,776	0.01716	82,376	394,940	0.90036	1,549,199	18.8
65	0.11858	8,965	0.02521	75,600	355,588	0.85560	1,154,259	15.3
70	0.17369	11,574	0.03804	66,635	304,241	0.78681	798,671	12.0
75	0.26100	14,371	0.06003	55,061	239,378	0.51585 ^c	494,430	9.0
80+	1.00000	40,690	0.15954	40,690	255,052	-	255,052	6.3
Lelaki <i>Male</i>								
0	0.00650	650	0.00654	100,000	99,390	0.99314 ^a	7,032,920	70.3
1	0.00094	93	0.00023	99,350	397,179	0.99899 ^b	6,933,530	69.8
5	0.00087	87	0.00017	99,257	496,067	0.99898	6,536,351	65.9
10	0.00117	116	0.00023	99,170	495,561	0.99783	6,040,285	60.9
15	0.00317	314	0.00064	99,054	494,487	0.99603	5,544,724	56.0
20	0.00477	471	0.00096	98,740	492,523	0.99419	5,050,237	51.1
25	0.00685	673	0.00137	98,269	489,662	0.99155	4,557,714	46.4
30	0.01007	982	0.00202	97,596	485,524	0.98762	4,068,052	41.7
35	0.01471	1,421	0.00296	96,614	479,516	0.98226	3,582,528	37.1
40	0.02081	1,981	0.00421	95,193	471,010	0.97133	3,103,012	32.6
45	0.03670	3,421	0.00748	93,212	457,506	0.95253	2,632,002	28.2
50	0.05866	5,267	0.01209	89,791	435,787	0.92990	2,174,496	24.2
55	0.08226	6,953	0.01716	84,524	405,237	0.90655	1,738,710	20.6
60	0.10563	8,194	0.02230	77,571	367,369	0.87304	1,333,473	17.2
65	0.15080	10,462	0.03262	69,377	320,728	0.82294	966,103	13.9
70	0.20797	12,253	0.04642	58,914	263,941	0.74653	645,375	11.0
75	0.31091	14,507	0.07363	46,662	197,040	0.48342 ^c	381,434	8.2
80+	1.00000	32,154	0.17438	32,154	184,394	-	184,394	5.7

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.7: Jadual hayat ringkas mengikut jantina dan umur, Perak, 2022 ^e (samb.)

Table 5.7: Abridged life table by sex and age, Perak, 2022 ^e (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00581	581	0.00585	100,000	99,458	0.99380 ^a	7,614,945	76.1
1	0.00094	93	0.00024	99,419	397,442	0.99912 ^b	7,515,487	75.6
5	0.00066	66	0.00013	99,325	496,461	0.99925	7,118,045	71.7
10	0.00084	83	0.00017	99,259	496,088	0.99912	6,621,585	66.7
15	0.00091	91	0.00018	99,176	495,654	0.99829	6,125,496	61.8
20	0.00251	249	0.00050	99,085	494,805	0.99668	5,629,842	56.8
25	0.00414	409	0.00083	98,836	493,161	0.99520	5,135,038	52.0
30	0.00547	538	0.00110	98,428	490,793	0.99375	4,641,877	47.2
35	0.00704	689	0.00141	97,890	487,725	0.99045	4,151,084	42.4
40	0.01208	1,174	0.00243	97,200	483,066	0.98445	3,663,359	37.7
45	0.01907	1,831	0.00385	96,026	475,553	0.97457	3,180,293	33.1
50	0.03192	3,006	0.00649	94,195	463,458	0.96341	2,704,740	28.7
55	0.04141	3,776	0.00846	91,188	446,502	0.94955	2,241,282	24.6
60	0.05989	5,235	0.01235	87,412	423,975	0.92609	1,794,780	20.5
65	0.08881	7,299	0.01859	82,177	392,641	0.88545	1,370,805	16.7
70	0.14279	10,692	0.03075	74,879	347,664	0.82256	978,165	13.1
75	0.21786	13,984	0.04890	64,187	285,974	0.54643 ^c	630,501	9.8
80+	1.00000	50,203	0.14572	50,203	344,527	-	344,527	6.9

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.8: Jadual hayat ringkas mengikut jantina dan umur, Perlis, 2022^e

Table 5.8: Abridged life table by sex and age, Perlis, 2022^e

Umur Age	Kebbarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00735	735	0.00740	100,000	99,318	0.99185 ^a	7,229,329	72.3
1	0.00183	182	0.00046	99,265	396,608	0.99871 ^b	7,130,011	71.8
5	0.00053	53	0.00011	99,083	495,285	0.99946	6,733,403	68.0
10	0.00054	53	0.00011	99,031	495,020	0.99885	6,238,118	63.0
15	0.00176	174	0.00035	98,977	494,452	0.99773	5,743,098	58.0
20	0.00278	274	0.00056	98,803	493,331	0.99700	5,248,646	53.1
25	0.00322	317	0.00065	98,529	491,852	0.99386	4,755,315	48.3
30	0.00908	892	0.00182	98,212	488,830	0.98784	4,263,463	43.4
35	0.01527	1,486	0.00308	97,320	482,885	0.98331	3,774,632	38.8
40	0.01813	1,738	0.00366	95,834	474,825	0.97869	3,291,747	34.3
45	0.02455	2,310	0.00497	94,096	464,706	0.96682	2,816,923	29.9
50	0.04204	3,858	0.00859	91,786	449,285	0.94581	2,352,217	25.6
55	0.06687	5,879	0.01384	87,928	424,940	0.91804	1,902,932	21.6
60	0.09813	8,051	0.02064	82,048	390,113	0.88711	1,477,992	18.0
65	0.12926	9,565	0.02764	73,997	346,073	0.84063	1,087,878	14.7
70	0.19396	12,497	0.04296	64,432	290,918	0.76834	741,805	11.5
75	0.27843	14,461	0.06469	51,935	223,524	0.50426 ^c	450,887	8.7
80+	1.00000	37,474	0.16482	37,474	227,363	-	227,363	6.1
Lelaki <i>Male</i>								
0	0.00544	544	0.00547	100,000	99,488	0.99345 ^a	6,938,051	69.4
1	0.00249	248	0.00062	99,456	397,239	0.99837 ^b	6,838,563	68.8
5	0.00050	50	0.00010	99,208	495,917	0.99949	6,441,324	64.9
10	0.00051	50	0.00010	99,159	495,666	0.99841	5,945,407	60.0
15	0.00268	265	0.00054	99,108	494,877	0.99619	5,449,741	55.0
20	0.00495	489	0.00099	98,843	492,990	0.99523	4,954,864	50.1
25	0.00458	450	0.00092	98,353	490,640	0.99193	4,461,874	45.4
30	0.01158	1,133	0.00233	97,903	486,681	0.98474	3,971,234	40.6
35	0.01898	1,837	0.00383	96,770	479,257	0.97954	3,484,552	36.0
40	0.02197	2,086	0.00444	94,933	469,451	0.96850	3,005,295	31.7
45	0.04124	3,829	0.00842	92,847	454,665	0.95030	2,535,844	27.3
50	0.05852	5,209	0.01206	89,018	432,070	0.92462	2,081,180	23.4
55	0.09329	7,819	0.01957	83,809	399,500	0.89357	1,649,110	19.7
60	0.12092	9,189	0.02574	75,991	356,981	0.86025	1,249,610	16.4
65	0.16117	10,766	0.03506	66,802	307,093	0.80735	892,630	13.4
70	0.23018	12,898	0.05202	56,036	247,932	0.72398	585,536	10.4
75	0.33557	14,476	0.08065	43,137	179,497	0.46832 ^c	337,604	7.8
80+	1.00000	28,662	0.18128	28,662	158,107	-	158,107	5.5

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.8: Jadual hayat ringkas mengikut jantina dan umur, Perlis, 2022^e (samb.)

Table 5.8: Abridged life table by sex and age, Perlis, 2022^e (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00993	993	0.01002	100,000	99,086	0.98967 ^a	7,534,396	75.3
1	0.00112	111	0.00028	99,007	395,750	0.99899 ^b	7,435,310	75.1
5	0.00058	57	0.00012	98,896	494,335	0.99942	7,039,560	71.2
10	0.00058	58	0.00012	98,839	494,048	0.99936	6,545,224	66.2
15	0.00070	70	0.00014	98,781	493,730	0.99935	6,051,176	61.3
20	0.00060	59	0.00012	98,711	493,408	0.99883	5,557,446	56.3
25	0.00174	172	0.00035	98,652	492,830	0.99594	5,064,038	51.3
30	0.00638	628	0.00128	98,480	490,830	0.99096	4,571,208	46.4
35	0.01172	1,147	0.00236	97,852	486,391	0.98739	4,080,378	41.7
40	0.01350	1,306	0.00272	96,705	480,259	0.98611	3,593,987	37.2
45	0.01428	1,362	0.00288	95,399	473,589	0.97923	3,113,728	32.6
50	0.02735	2,572	0.00555	94,037	463,753	0.96498	2,640,139	28.1
55	0.04291	3,925	0.00877	91,465	447,511	0.94096	2,176,386	23.8
60	0.07590	6,644	0.01578	87,540	421,088	0.91177	1,728,875	19.7
65	0.10157	8,216	0.02140	80,896	383,938	0.87108	1,307,786	16.2
70	0.15937	11,583	0.03463	72,679	334,439	0.81176	923,849	12.7
75	0.22259	13,599	0.05009	61,096	271,484	0.53940 ^c	589,409	9.6
80+	1.00000	47,497	0.14940	47,497	317,926	-	317,926	6.7

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
Notes: From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.9: Jadual hayat ringkas mengikut jantina dan umur, Pulau Pinang, 2022^e

Table 5.9: Abridged life table by sex and age, Pulau Pinang, 2022^e

Umur <i>Age</i>	Kebbarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00492	492	0.00494	100,000	99,540	0.99485 ^a	7,317,324	73.2
1	0.00059	59	0.00015	99,508	397,887	0.99926 ^b	7,217,783	72.5
5	0.00077	76	0.00015	99,450	497,058	0.99929	6,819,896	68.6
10	0.00065	64	0.00013	99,373	496,706	0.99839	6,322,839	63.6
15	0.00258	256	0.00052	99,309	495,906	0.99718	5,826,132	58.7
20	0.00306	303	0.00061	99,053	494,510	0.99667	5,330,226	53.8
25	0.00361	356	0.00072	98,751	492,862	0.99522	4,835,716	49.0
30	0.00596	586	0.00120	98,394	490,506	0.99223	4,342,854	44.1
35	0.00959	938	0.00193	97,808	486,695	0.98814	3,852,348	39.4
40	0.01416	1,372	0.00285	96,870	480,922	0.98157	3,365,653	34.7
45	0.02276	2,173	0.00460	95,499	472,060	0.97153	2,884,731	30.2
50	0.03432	3,203	0.00698	93,325	458,619	0.95606	2,412,672	25.9
55	0.05391	4,859	0.01108	90,122	438,465	0.93399	1,954,053	21.7
60	0.07879	6,718	0.01640	85,264	409,524	0.90118	1,515,588	17.8
65	0.12055	9,469	0.02566	78,546	369,056	0.83639	1,106,064	14.1
70	0.21257	14,684	0.04757	69,077	308,675	0.72241	737,007	10.7
75	0.36016	19,590	0.08785	54,393	222,990	0.47940 ^c	428,332	7.9
80+	1.00000	34,803	0.16949	34,803	205,342	-	205,342	5.9
Lelaki <i>Male</i>								
0	0.00565	565	0.00568	100,000	99,468	0.99417 ^a	7,088,627	70.9
1	0.00052	51	0.00013	99,435	397,618	0.99919 ^b	6,989,159	70.3
5	0.00094	94	0.00019	99,384	496,684	0.99927	6,591,541	66.3
10	0.00051	51	0.00010	99,290	496,323	0.99784	6,094,857	61.4
15	0.00381	378	0.00076	99,239	495,251	0.99631	5,598,533	56.4
20	0.00357	353	0.00072	98,861	493,423	0.99601	5,103,283	51.6
25	0.00442	435	0.00089	98,508	491,452	0.99385	4,609,860	46.8
30	0.00790	774	0.00159	98,073	488,428	0.98985	4,118,407	42.0
35	0.01242	1,208	0.00250	97,298	483,472	0.98475	3,629,979	37.3
40	0.01812	1,741	0.00366	96,090	476,100	0.97628	3,146,508	32.7
45	0.02943	2,777	0.00597	94,350	464,806	0.96227	2,670,407	28.3
50	0.04627	4,237	0.00947	91,573	447,271	0.94167	2,205,602	24.1
55	0.07098	6,199	0.01472	87,336	421,181	0.91565	1,758,331	20.1
60	0.09874	8,012	0.02077	81,137	385,654	0.88183	1,337,150	16.5
65	0.13974	10,218	0.03005	73,125	340,080	0.81000	951,496	13.0
70	0.24843	15,628	0.05673	62,907	275,464	0.67801	611,417	9.7
75	0.41987	19,851	0.10629	47,279	186,766	0.44407 ^c	335,953	7.1
80+	1.00000	27,428	0.18385	27,428	149,187	-	149,187	5.4

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.9: Jadual hayat ringkas mengikut jantina dan umur, Pulau Pinang, 2022 ^e (samb.)

Table 5.9: Abridged life table by sex and age, Pulau Pinang, 2022 ^e (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00418	418	0.00420	100,000	99,608	0.99554 ^a	7,575,794	75.8
1	0.00067	67	0.00017	99,582	398,160	0.99932 ^b	7,476,186	75.1
5	0.00058	57	0.00012	99,515	497,430	0.99931	7,078,025	71.1
10	0.00081	80	0.00016	99,457	497,086	0.99897	6,580,595	66.2
15	0.00124	123	0.00025	99,377	496,576	0.99812	6,083,509	61.2
20	0.00252	250	0.00050	99,254	495,643	0.99740	5,586,933	56.3
25	0.00268	265	0.00054	99,004	494,356	0.99665	5,091,290	51.4
30	0.00403	398	0.00081	98,738	492,698	0.99464	4,596,934	46.6
35	0.00670	659	0.00134	98,341	490,057	0.99170	4,104,236	41.7
40	0.00992	969	0.00199	97,682	485,989	0.98718	3,614,179	37.0
45	0.01576	1,524	0.00318	96,713	479,757	0.98112	3,128,190	32.3
50	0.02204	2,098	0.00446	95,189	470,701	0.97067	2,648,433	27.8
55	0.03679	3,425	0.00750	93,091	456,893	0.95256	2,177,732	23.4
60	0.05851	5,246	0.01205	89,666	435,216	0.92031	1,720,839	19.2
65	0.10219	8,627	0.02154	84,420	400,534	0.86193	1,285,622	15.2
70	0.17803	13,494	0.03909	75,793	345,233	0.76307	885,088	11.7
75	0.30858	19,225	0.07298	62,300	263,436	0.51202 ^c	539,856	8.7
80+	1.00000	43,075	0.15583	43,075	276,420	-	276,420	6.4

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
Notes: From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.10: Jadual hayat ringkas mengikut jantina dan umur, Sabah, 2022^e

Table 5.10: Abridged life table by sex and age, Sabah, 2022^e

Umur Age	Kebangkitan mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakutan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00772	772	0.00777	100,000	99,285	0.99172 ^a	7,347,168	73.5
1	0.00137	136	0.00034	99,228	396,576	0.99859 ^b	7,247,883	73.0
5	0.00121	120	0.00024	99,093	495,163	0.99882	6,851,308	69.1
10	0.00115	114	0.00023	98,972	494,578	0.99862	6,356,145	64.2
15	0.00162	160	0.00032	98,859	493,894	0.99809	5,861,567	59.3
20	0.00219	216	0.00044	98,699	492,952	0.99697	5,367,673	54.4
25	0.00387	382	0.00078	98,482	491,457	0.99550	4,874,721	49.5
30	0.00513	503	0.00103	98,101	489,246	0.99354	4,383,265	44.7
35	0.00779	760	0.00156	97,598	486,087	0.98895	3,894,019	39.9
40	0.01433	1,387	0.00289	96,837	480,718	0.97994	3,407,932	35.2
45	0.02587	2,469	0.00524	95,450	471,076	0.96660	2,927,214	30.7
50	0.04114	3,825	0.00840	92,980	455,340	0.94696	2,456,138	26.4
55	0.06546	5,836	0.01353	89,156	431,189	0.91701	2,000,798	22.4
60	0.10176	8,478	0.02144	83,320	395,404	0.89850	1,569,609	18.8
65	0.10122	7,575	0.02132	74,842	355,270	0.87098	1,174,206	15.7
70	0.15994	10,759	0.03477	67,266	309,434	0.79342	818,936	12.2
75	0.26209	14,810	0.06032	56,507	245,512	0.51813 ^c	509,502	9.0
80+	1.00000	41,697	0.15795	41,697	263,990	-	263,990	6.3
Lelaki <i>Male</i>								
0	0.00776	776	0.00782	100,000	99,274	0.99166 ^a	7,196,042	72.0
1	0.00144	143	0.00036	99,224	396,558	0.99844 ^b	7,096,768	71.5
5	0.00140	138	0.00028	99,081	495,061	0.99870	6,700,210	67.6
10	0.00121	120	0.00024	98,943	494,416	0.99841	6,205,149	62.7
15	0.00197	195	0.00040	98,823	493,629	0.99762	5,710,733	57.8
20	0.00278	274	0.00056	98,628	492,457	0.99619	5,217,103	52.9
25	0.00485	477	0.00097	98,354	490,580	0.99452	4,724,646	48.0
30	0.00612	599	0.00123	97,877	487,889	0.99255	4,234,067	43.3
35	0.00879	855	0.00177	97,278	484,253	0.98749	3,746,177	38.5
40	0.01625	1,567	0.00328	96,423	478,196	0.97700	3,261,924	33.8
45	0.02985	2,832	0.00606	94,856	467,199	0.96176	2,783,728	29.3
50	0.04689	4,315	0.00960	92,024	449,333	0.93910	2,316,529	25.2
55	0.07560	6,631	0.01571	87,709	421,969	0.90482	1,867,196	21.3
60	0.11636	9,435	0.02471	81,078	381,805	0.88201	1,445,227	17.8
65	0.11983	8,585	0.02549	71,644	336,756	0.85102	1,063,422	14.8
70	0.18211	11,483	0.04007	63,059	286,585	0.76885	726,665	11.5
75	0.29110	15,014	0.06814	51,575	220,342	0.49931 ^c	440,081	8.5
80+	1.00000	36,562	0.16639	36,562	219,739	-	219,739	6.0

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.10: Jadual hayat ringkas mengikut jantina dan umur, Sabah, 2022 ^e (samb.)

Table 5.10: Abridged life table by sex and age, Sabah, 2022 ^e (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00766	766	0.00771	100,000	99,290	0.99181 ^a	7,524,988	75.2
1	0.00129	128	0.00032	99,234	396,617	0.99873 ^b	7,425,698	74.8
5	0.00102	101	0.00020	99,106	495,277	0.99895	7,029,081	70.9
10	0.00109	107	0.00022	99,005	494,756	0.99885	6,533,804	66.0
15	0.00122	121	0.00024	98,897	494,186	0.99862	6,039,047	61.1
20	0.00154	153	0.00031	98,777	493,503	0.99782	5,544,861	56.1
25	0.00281	277	0.00056	98,624	492,429	0.99656	5,051,358	51.2
30	0.00406	400	0.00081	98,347	490,737	0.99461	4,558,929	46.4
35	0.00672	658	0.00135	97,948	488,093	0.99054	4,068,192	41.5
40	0.01222	1,189	0.00246	97,290	483,474	0.98311	3,580,099	36.8
45	0.02161	2,076	0.00437	96,100	475,310	0.97186	3,096,625	32.2
50	0.03482	3,274	0.00709	94,024	461,934	0.95556	2,621,315	27.9
55	0.05441	4,937	0.01119	90,750	441,405	0.93082	2,159,381	23.8
60	0.08479	7,276	0.01771	85,812	410,870	0.91701	1,717,976	20.0
65	0.08101	6,362	0.01689	78,536	376,774	0.89207	1,307,106	16.6
70	0.13723	9,905	0.02947	72,174	336,107	0.81761	930,333	12.9
75	0.23474	14,617	0.05319	62,269	274,803	0.53755 ^c	594,226	9.5
80+	1.00000	47,652	0.14918	47,652	319,423	-	319,423	6.7

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.11: Jadual hayat ringkas mengikut jantina dan umur, Sarawak, 2022 ^e

Table 5.11: Abridged life table by sex and age, Sarawak, 2022 ^e

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00463	463	0.00466	100,000	99,566	0.99494 ^a	7,432,943	74.3
1	0.00097	97	0.00024	99,537	397,905	0.99897 ^b	7,333,377	73.7
5	0.00095	95	0.00019	99,440	496,961	0.99892	6,935,472	69.7
10	0.00121	120	0.00024	99,345	496,423	0.99829	6,438,510	64.8
15	0.00222	220	0.00044	99,224	495,572	0.99675	5,942,087	59.9
20	0.00429	425	0.00086	99,004	493,959	0.99487	5,446,516	55.0
25	0.00598	589	0.00120	98,579	491,423	0.99336	4,952,557	50.2
30	0.00732	717	0.00147	97,990	488,158	0.99082	4,461,134	45.5
35	0.01105	1,075	0.00222	97,273	483,677	0.98656	3,972,976	40.8
40	0.01585	1,524	0.00319	96,198	477,179	0.97936	3,489,299	36.3
45	0.02551	2,415	0.00517	94,674	467,330	0.97017	3,012,120	31.8
50	0.03426	3,161	0.00697	92,259	453,390	0.95862	2,544,789	27.6
55	0.04875	4,344	0.00999	89,098	434,628	0.94417	2,091,399	23.5
60	0.06326	5,361	0.01307	84,754	410,364	0.91918	1,656,771	19.5
65	0.09957	7,905	0.02096	79,392	377,198	0.87576	1,246,407	15.7
70	0.15164	10,840	0.03282	71,487	330,335	0.78703	869,209	12.2
75	0.28528	17,301	0.06655	60,647	259,982	0.51755 ^c	538,874	8.9
80+	1.00000	43,346	0.15542	43,346	278,892	-	278,892	6.4
Lelaki <i>Male</i>								
0	0.00484	484	0.00486	100,000	99,543	0.99477 ^a	7,206,694	72.1
1	0.00095	95	0.00024	99,516	397,841	0.99883 ^b	7,107,150	71.4
5	0.00123	123	0.00025	99,422	496,801	0.99870	6,709,309	67.5
10	0.00136	135	0.00027	99,299	496,157	0.99769	6,212,508	62.6
15	0.00327	324	0.00065	99,164	495,010	0.99519	5,716,351	57.6
20	0.00635	628	0.00127	98,840	492,630	0.99286	5,221,342	52.8
25	0.00793	779	0.00159	98,212	489,112	0.99146	4,728,712	48.1
30	0.00914	891	0.00184	97,433	484,937	0.98829	4,239,600	43.5
35	0.01430	1,380	0.00288	96,542	479,259	0.98223	3,754,664	38.9
40	0.02129	2,026	0.00430	95,162	470,742	0.97282	3,275,405	34.4
45	0.03320	3,092	0.00675	93,135	457,945	0.96192	2,804,663	30.1
50	0.04313	3,884	0.00882	90,043	440,505	0.94817	2,346,719	26.1
55	0.06093	5,249	0.01257	86,159	417,673	0.93339	1,906,214	22.1
60	0.07265	5,878	0.01508	80,910	389,853	0.90432	1,488,541	18.4
65	0.12051	9,042	0.02565	75,031	352,553	0.85427	1,098,688	14.6
70	0.17441	11,509	0.03821	65,990	301,176	0.75389	746,135	11.3
75	0.33297	18,140	0.07989	54,481	227,053	0.48972 ^c	444,960	8.2
80+	1.00000	36,340	0.16677	36,340	217,907	-	217,907	6.0

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.11: Jadual hayat ringkas mengikut jantina dan umur, Sarawak, 2022 ^e (samb.)

Table 5.11: Abridged life table by sex and age, Sarawak, 2022 ^e (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00441	441	0.00443	100,000	99,587	0.99515 ^a	7,691,954	76.9
1	0.00100	99	0.00025	99,559	397,990	0.99911 ^b	7,592,367	76.3
5	0.00066	65	0.00013	99,460	497,136	0.99915	7,194,377	72.3
10	0.00105	105	0.00021	99,395	496,712	0.99893	6,697,240	67.4
15	0.00108	107	0.00022	99,290	496,181	0.99843	6,200,529	62.4
20	0.00206	204	0.00041	99,183	495,403	0.99708	5,704,347	57.5
25	0.00378	374	0.00076	98,979	493,959	0.99549	5,208,945	52.6
30	0.00525	517	0.00105	98,605	491,731	0.99369	4,714,986	47.8
35	0.00738	724	0.00148	98,087	488,628	0.99133	4,223,255	43.1
40	0.00997	971	0.00200	97,364	484,392	0.98630	3,734,627	38.4
45	0.01747	1,684	0.00353	96,393	477,754	0.97869	3,250,236	33.7
50	0.02522	2,388	0.00511	94,709	467,572	0.96937	2,772,482	29.3
55	0.03619	3,341	0.00737	92,320	453,249	0.95512	2,304,910	25.0
60	0.05389	4,795	0.01108	88,979	432,908	0.93427	1,851,661	20.8
65	0.07824	6,586	0.01628	84,184	404,453	0.89709	1,418,753	16.9
70	0.12967	10,062	0.02773	77,597	362,831	0.81815	1,014,300	13.1
75	0.24179	16,329	0.05501	67,535	296,852	0.54433 ^c	651,469	9.6
80+	1.00000	51,206	0.14440	51,206	354,617	-	354,617	6.9

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.12: Jadual hayat ringkas mengikut jantina dan umur, Selangor, 2022 ^e

Table 5.12: Abridged life table by sex and age, Selangor, 2022 ^e

Umur Age	Kebangkitan mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakutan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00395	395	0.00396	100,000	99,630	0.99569 ^a	7,519,578	75.2
1	0.00084	83	0.00021	99,605	398,214	0.99925 ^b	7,419,948	74.5
5	0.00057	57	0.00011	99,522	497,468	0.99943	7,021,734	70.6
10	0.00058	57	0.00012	99,465	497,183	0.99882	6,524,266	65.6
15	0.00179	178	0.00036	99,408	496,594	0.99771	6,027,083	60.6
20	0.00279	277	0.00056	99,230	495,455	0.99655	5,530,490	55.7
25	0.00411	407	0.00082	98,953	493,745	0.99536	5,035,034	50.9
30	0.00517	510	0.00104	98,546	491,454	0.99337	4,541,289	46.1
35	0.00810	794	0.00163	98,036	488,195	0.98907	4,049,835	41.3
40	0.01378	1,340	0.00278	97,242	482,860	0.98095	3,561,640	36.6
45	0.02439	2,339	0.00494	95,902	473,663	0.96880	3,078,780	32.1
50	0.03817	3,572	0.00778	93,563	458,887	0.95208	2,605,117	27.8
55	0.05806	5,225	0.01196	89,991	436,896	0.92996	2,146,230	23.8
60	0.08275	7,015	0.01727	84,767	406,297	0.90734	1,709,334	20.2
65	0.10346	8,044	0.02182	77,752	368,649	0.88289	1,303,037	16.8
70	0.13233	9,224	0.02834	69,708	325,477	0.84257	934,388	13.4
75	0.18636	11,272	0.04110	60,483	274,237	0.54963 ^c	608,911	10.1
80+	1.00000	49,212	0.14704	49,212	334,674	-	334,674	6.8
Lelaki <i>Male</i>								
0	0.00414	414	0.00416	100,000	99,608	0.99547 ^a	7,325,901	73.3
1	0.00092	92	0.00023	99,586	398,127	0.99913 ^b	7,226,292	72.6
5	0.00067	67	0.00013	99,494	497,304	0.99939	6,828,165	68.6
10	0.00055	54	0.00011	99,428	497,002	0.99856	6,330,861	63.7
15	0.00234	232	0.00047	99,373	496,285	0.99692	5,833,860	58.7
20	0.00382	379	0.00077	99,141	494,758	0.99568	5,337,575	53.8
25	0.00482	476	0.00097	98,762	492,622	0.99443	4,842,817	49.0
30	0.00633	622	0.00127	98,286	489,877	0.99197	4,350,196	44.3
35	0.00974	952	0.00196	97,665	485,944	0.98685	3,860,318	39.5
40	0.01660	1,605	0.00335	96,713	479,552	0.97687	3,374,374	34.9
45	0.02977	2,832	0.00604	95,108	468,460	0.96107	2,894,822	30.4
50	0.04837	4,464	0.00991	92,276	450,221	0.94109	2,426,362	26.3
55	0.06998	6,145	0.01450	87,812	423,699	0.91532	1,976,140	22.5
60	0.10048	8,206	0.02116	81,667	387,822	0.89076	1,552,441	19.0
65	0.11898	8,741	0.02530	73,461	345,455	0.86398	1,164,619	15.9
70	0.15537	10,055	0.03369	64,721	298,465	0.81864	819,164	12.7
75	0.21214	11,596	0.04746	54,665	244,335	0.53076 ^c	520,699	9.5
80+	1.00000	43,069	0.15584	43,069	276,364	-	276,364	6.4

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.12: Jadual hayat ringkas mengikut jantina dan umur, Selangor, 2022 ^a (samb.)

Table 5.12: Abridged life table by sex and age, Selangor, 2022 ^a (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00374	374	0.00375	100,000	99,649	0.99594 ^a	7,748,816	77.5
1	0.00075	74	0.00019	99,626	398,319	0.99934 ^b	7,649,168	76.8
5	0.00047	46	0.00009	99,551	497,641	0.99946	7,250,849	72.8
10	0.00061	61	0.00012	99,505	497,374	0.99909	6,753,208	67.9
15	0.00120	120	0.00024	99,445	496,923	0.99867	6,255,834	62.9
20	0.00146	145	0.00029	99,325	496,262	0.99768	5,758,911	58.0
25	0.00318	316	0.00064	99,180	495,112	0.99647	5,262,648	53.1
30	0.00388	384	0.00078	98,865	493,364	0.99489	4,767,536	48.2
35	0.00634	625	0.00127	98,481	490,844	0.99154	4,274,172	43.4
40	0.01059	1,037	0.00213	97,856	486,691	0.98564	3,783,328	38.7
45	0.01816	1,758	0.00367	96,820	479,703	0.97752	3,296,638	34.0
50	0.02687	2,554	0.00545	95,061	468,922	0.96427	2,816,935	29.6
55	0.04484	4,148	0.00917	92,507	452,167	0.94626	2,348,013	25.4
60	0.06307	5,573	0.01302	88,360	427,866	0.92536	1,895,846	21.5
65	0.08700	7,202	0.01819	82,787	395,928	0.90184	1,467,980	17.7
70	0.11039	8,343	0.02337	75,584	357,063	0.86409	1,072,052	14.2
75	0.16461	11,068	0.03587	67,241	308,534	0.56848 ^c	714,989	10.6
80+	1.00000	56,173	0.13820	56,173	406,454	-	406,454	7.2

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.13: Jadual hayat ringkas mengikut jantina dan umur, Terengganu, 2022 ^e

Table 5.13: Abridged life table by sex and age, Terengganu, 2022 ^e

Umur Age	Kebangkitan mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakutan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00598	598	0.00602	100,000	99,442	0.99350 ^a	7,101,499	71.0
1	0.00122	121	0.00031	99,402	397,305	0.99885 ^b	7,002,057	70.4
5	0.00091	90	0.00018	99,280	496,176	0.99882	6,604,751	66.5
10	0.00145	144	0.00029	99,190	495,590	0.99787	6,108,575	61.6
15	0.00282	279	0.00056	99,046	494,533	0.99682	5,612,985	56.7
20	0.00354	349	0.00071	98,767	492,962	0.99577	5,118,452	51.8
25	0.00492	485	0.00099	98,418	490,878	0.99346	4,625,490	47.0
30	0.00816	799	0.00164	97,933	487,668	0.98940	4,134,612	42.2
35	0.01306	1,269	0.00263	97,134	482,499	0.98375	3,646,944	37.5
40	0.01947	1,867	0.00393	95,865	474,659	0.97480	3,164,445	33.0
45	0.03104	2,918	0.00631	93,998	462,696	0.96222	2,689,786	28.6
50	0.04473	4,074	0.00915	91,080	445,216	0.94237	2,227,090	24.5
55	0.07114	6,189	0.01475	87,006	419,558	0.91462	1,781,874	20.5
60	0.10072	8,140	0.02121	80,817	383,735	0.87392	1,362,315	16.9
65	0.15428	11,213	0.03344	72,677	335,353	0.82005	978,580	13.5
70	0.21029	12,925	0.04700	61,464	275,008	0.71749	643,227	10.5
75	0.37396	18,152	0.09199	48,539	197,315	0.46414 ^c	368,219	7.6
80+	1.00000	30,387	0.17780	30,387	170,904	-	170,904	5.6
Lelaki <i>Male</i>								
0	0.00595	595	0.00599	100,000	99,440	0.99338 ^a	6,902,706	69.0
1	0.00158	157	0.00039	99,405	397,247	0.99849 ^b	6,803,266	68.4
5	0.00122	121	0.00024	99,248	495,937	0.99859	6,406,018	64.5
10	0.00161	160	0.00032	99,127	495,236	0.99722	5,910,082	59.6
15	0.00395	391	0.00079	98,967	493,859	0.99575	5,414,846	54.7
20	0.00455	449	0.00091	98,576	491,759	0.99484	4,920,987	49.9
25	0.00577	566	0.00116	98,127	489,222	0.99241	4,429,229	45.1
30	0.00943	920	0.00189	97,562	485,508	0.98760	3,940,006	40.4
35	0.01539	1,488	0.00310	96,642	479,489	0.98012	3,454,498	35.7
40	0.02444	2,325	0.00495	95,154	469,957	0.96749	2,975,009	31.3
45	0.04078	3,786	0.00833	92,829	454,680	0.95149	2,505,052	27.0
50	0.05657	5,037	0.01164	89,043	432,622	0.92982	2,050,373	23.0
55	0.08461	7,108	0.01767	84,006	402,258	0.90032	1,617,751	19.3
60	0.11613	8,930	0.02466	76,898	362,163	0.85690	1,215,493	15.8
65	0.17361	11,800	0.03802	67,967	310,337	0.79397	853,330	12.6
70	0.24527	13,776	0.05591	56,167	246,397	0.67934	542,993	9.7
75	0.42056	17,828	0.10651	42,391	167,387	0.43564 ^c	296,596	7.0
80+	1.00000	24,563	0.19011	24,563	129,209	-	129,209	5.3

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.13: Jadual hayat ringkas mengikut jantina dan umur, Terengganu, 2022 ^e (samb.)

Table 5.13: Abridged life table by sex and age, Terengganu, 2022 ^e (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00604	604	0.00608	100,000	99,437	0.99362 ^a	7,312,599	73.1
1	0.00084	84	0.00021	99,396	397,375	0.99920 ^b	7,213,162	72.6
5	0.00059	59	0.00012	99,312	496,412	0.99906	6,815,788	68.6
10	0.00129	128	0.00026	99,253	495,946	0.99857	6,319,375	63.7
15	0.00157	156	0.00031	99,125	495,237	0.99799	5,823,430	58.7
20	0.00246	244	0.00049	98,970	494,239	0.99678	5,328,193	53.8
25	0.00398	393	0.00080	98,726	492,647	0.99465	4,833,953	49.0
30	0.00672	661	0.00135	98,333	490,012	0.99141	4,341,306	44.1
35	0.01047	1,023	0.00210	97,672	485,803	0.98786	3,851,294	39.4
40	0.01382	1,336	0.00278	96,649	479,907	0.98248	3,365,491	34.8
45	0.02126	2,027	0.00430	95,314	471,501	0.97272	2,885,584	30.3
50	0.03344	3,119	0.00680	93,287	458,636	0.95398	2,414,083	25.9
55	0.05905	5,324	0.01217	90,168	437,528	0.92754	1,955,447	21.7
60	0.08671	7,357	0.01813	84,843	405,824	0.88916	1,517,919	17.9
65	0.13726	10,636	0.02948	77,486	360,842	0.84355	1,112,095	14.4
70	0.17869	11,946	0.03924	66,851	304,388	0.75006	751,252	11.2
75	0.33669	18,486	0.08097	54,905	228,309	0.48909 ^c	446,864	8.1
80+	1.00000	36,419	0.16663	36,419	218,555	-	218,555	6.0

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.14: Jadual hayat ringkas mengikut jantina dan umur, W.P. Kuala Lumpur, 2022 ^a

Table 5.14: Abridged life table by sex and age, W.P. Kuala Lumpur, 2022 ^a

Umur <i>Age</i>	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00447	447	0.00449	100,000	99,581	0.99528 ^a	7,399,446	74.0
1	0.00062	62	0.00015	99,553	398,058	0.99938 ^b	7,299,865	73.3
5	0.00050	50	0.00010	99,491	497,332	0.99951	6,901,807	69.4
10	0.00048	48	0.00010	99,441	497,087	0.99901	6,404,476	64.4
15	0.00150	149	0.00030	99,393	496,595	0.99738	5,907,389	59.4
20	0.00374	371	0.00075	99,245	495,295	0.99608	5,410,794	54.5
25	0.00411	406	0.00082	98,873	493,352	0.99593	4,915,500	49.7
30	0.00404	398	0.00081	98,467	491,342	0.99513	4,422,148	44.9
35	0.00570	559	0.00114	98,070	488,950	0.99311	3,930,805	40.1
40	0.00808	788	0.00162	97,510	485,581	0.98658	3,441,856	35.3
45	0.01881	1,819	0.00380	96,722	479,063	0.97174	2,956,274	30.6
50	0.03789	3,596	0.00772	94,903	465,524	0.94655	2,477,211	26.1
55	0.06962	6,357	0.01443	91,307	440,642	0.91544	2,011,687	22.0
60	0.10061	8,547	0.02119	84,950	403,383	0.87884	1,571,045	18.5
65	0.14402	11,003	0.03104	76,403	354,507	0.84455	1,167,661	15.3
70	0.16881	11,040	0.03687	65,400	299,399	0.80908	813,154	12.4
75	0.21754	11,825	0.04882	54,360	242,237	0.52850 ^c	513,754	9.5
80+	1.00000	42,535	0.15666	42,535	271,517	-	271,517	6.4
Lelaki <i>Male</i>								
0	0.00527	527	0.00530	100,000	99,503	0.99454 ^a	7,179,022	71.8
1	0.00052	52	0.00013	99,473	397,768	0.99946 ^b	7,079,518	71.2
5	0.00040	40	0.00008	99,421	497,004	0.99953	6,681,751	67.2
10	0.00054	54	0.00011	99,381	496,770	0.99864	6,184,747	62.2
15	0.00219	217	0.00044	99,327	496,093	0.99603	5,687,976	57.3
20	0.00576	571	0.00115	99,110	494,123	0.99465	5,191,883	52.4
25	0.00495	487	0.00099	98,539	491,478	0.99506	4,697,760	47.7
30	0.00494	484	0.00099	98,052	489,050	0.99398	4,206,282	42.9
35	0.00712	694	0.00143	97,568	486,104	0.99172	3,717,232	38.1
40	0.00945	916	0.00190	96,874	482,079	0.98448	3,231,128	33.4
45	0.02164	2,076	0.00437	95,958	474,599	0.96566	2,749,049	28.6
50	0.04732	4,442	0.00969	93,882	458,302	0.93186	2,274,450	24.2
55	0.08999	8,048	0.01885	89,439	427,075	0.89412	1,816,148	20.3
60	0.12335	10,040	0.02629	81,391	381,855	0.85241	1,389,073	17.1
65	0.17524	12,504	0.03841	71,351	325,496	0.81297	1,007,218	14.1
70	0.20131	11,846	0.04477	58,847	264,620	0.77929	681,721	11.6
75	0.24500	11,515	0.05584	47,001	206,216	0.50560 ^c	417,101	8.9
80+	1.00000	35,486	0.16827	35,486	210,885	-	210,885	5.9

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.14: Jadual hayat ringkas mengikut jantina dan umur, W.P. Kuala Lumpur, 2022 ^a (samb.)

Table 5.14: Abridged life table by sex and age, W.P. Kuala Lumpur, 2022 ^a (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00361	361	0.00363	100,000	99,661	0.99607 ^a	7,659,169	76.6
1	0.00072	71	0.00018	99,639	398,377	0.99929 ^b	7,559,508	75.9
5	0.00061	61	0.00012	99,567	497,683	0.99948	7,161,131	71.9
10	0.00042	42	0.00008	99,506	497,425	0.99942	6,663,448	67.0
15	0.00073	73	0.00015	99,464	497,137	0.99896	6,166,023	62.0
20	0.00135	134	0.00027	99,391	496,619	0.99777	5,668,886	57.0
25	0.00311	309	0.00062	99,257	495,512	0.99695	5,172,267	52.1
30	0.00299	296	0.00060	98,948	494,000	0.99650	4,676,755	47.3
35	0.00402	396	0.00081	98,652	492,268	0.99478	4,182,755	42.4
40	0.00644	632	0.00129	98,256	489,697	0.98907	3,690,486	37.6
45	0.01545	1,508	0.00311	97,623	484,345	0.97877	3,200,790	32.8
50	0.02710	2,605	0.00549	96,115	474,064	0.96222	2,716,444	28.3
55	0.04876	4,560	0.01000	93,510	456,152	0.93702	2,242,381	24.0
60	0.07793	6,932	0.01622	88,951	427,423	0.90536	1,786,228	20.1
65	0.11275	9,248	0.02390	82,019	386,973	0.87580	1,358,806	16.6
70	0.13710	9,977	0.02944	72,771	338,912	0.83700	971,833	13.4
75	0.19301	12,120	0.04273	62,794	283,670	0.55181 ^c	632,922	10.1
80+	1.00000	50,674	0.14509	50,674	349,252	-	349,252	6.9

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.15: Jadual hayat ringkas mengikut jantina dan umur, W.P. Labuan, 2022 ^e

Table 5.15: Abridged life table by sex and age, W.P. Labuan, 2022 ^e

Umur <i>Age</i>	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00507	507	0.00509	100,000	99,526	0.99445 ^a	7,451,153	74.5
1	0.00112	111	0.00028	99,493	397,698	0.99854 ^b	7,351,627	73.9
5	0.00166	165	0.00033	99,382	496,500	0.99917	6,953,929	70.0
10	0.00000	-	0.00000	99,218	496,088	0.99793	6,457,428	65.1
15	0.00414	411	0.00083	99,218	495,061	0.99583	5,961,340	60.1
20	0.00420	415	0.00084	98,807	492,997	0.99546	5,466,279	55.3
25	0.00489	482	0.00098	98,392	490,757	0.99447	4,973,282	50.5
30	0.00618	605	0.00124	97,911	488,042	0.99280	4,482,525	45.8
35	0.00823	801	0.00165	97,306	484,528	0.99008	3,994,484	41.1
40	0.01162	1,122	0.00234	96,505	479,721	0.98447	3,509,956	36.4
45	0.01949	1,859	0.00394	95,383	472,269	0.97270	3,030,235	31.8
50	0.03526	3,298	0.00718	93,525	459,378	0.95912	2,557,966	27.4
55	0.04669	4,213	0.00956	90,227	440,601	0.94259	2,098,588	23.3
60	0.06865	5,905	0.01422	86,014	415,306	0.90531	1,657,988	19.3
65	0.12264	9,825	0.02613	80,109	375,982	0.86833	1,242,682	15.5
70	0.14197	9,978	0.03056	70,284	326,475	0.79517	866,699	12.3
75	0.27810	16,771	0.06460	60,306	259,602	0.51946 ^c	540,225	9.0
80+	1.00000	43,535	0.15514	43,535	280,623	-	280,623	6.4
Lelaki <i>Male</i>								
0	0.00953	953	0.00962	100,000	99,114	0.99007 ^a	7,235,018	72.4
1	0.00112	111	0.00028	99,047	395,923	0.99767 ^b	7,135,904	72.0
5	0.00322	319	0.00065	98,936	493,881	0.99839	6,739,982	68.1
10	0.00000	-	0.00000	98,617	493,085	0.99785	6,246,100	63.3
15	0.00430	424	0.00086	98,617	492,025	0.99373	5,753,016	58.3
20	0.00826	811	0.00166	98,193	488,938	0.99137	5,260,991	53.6
25	0.00900	876	0.00181	97,382	484,719	0.99038	4,772,053	49.0
30	0.01024	988	0.00206	96,506	480,058	0.98993	4,287,334	44.4
35	0.00990	945	0.00199	95,518	475,225	0.99167	3,807,276	39.9
40	0.00674	638	0.00135	94,572	471,267	0.98595	3,332,051	35.2
45	0.02140	2,010	0.00433	93,935	464,647	0.96640	2,860,784	30.5
50	0.04607	4,235	0.00943	91,924	449,034	0.94795	2,396,137	26.1
55	0.05833	5,115	0.01202	87,689	425,660	0.94114	1,947,103	22.2
60	0.05943	4,907	0.01225	82,575	400,605	0.89246	1,521,443	18.4
65	0.15869	12,325	0.03447	77,667	357,525	0.83080	1,120,838	14.4
70	0.18169	11,872	0.03997	65,343	297,032	0.77431	763,313	11.7
75	0.27946	14,943	0.06497	53,470	229,994	0.50675 ^c	466,281	8.7
80+	1.00000	38,527	0.16305	38,527	236,287	-	236,287	6.1

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.15: Jadual hayat ringkas mengikut jantina dan umur, W.P. Labuan, 2022^e (samb.)

Table 5.15: Abridged life table by sex and age, W.P. Labuan, 2022^e (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00117	117	0.00117	100,000	99,890	0.99830 ^a	7,681,447	76.8
1	0.00110	110	0.00027	99,883	399,261	0.99943 ^b	7,581,558	75.9
5	0.00000	-	0.00000	99,774	498,868	1.00000	7,182,296	72.0
10	0.00000	-	0.00000	99,774	498,868	0.99802	6,683,429	67.0
15	0.00396	395	0.00079	99,774	497,880	0.99749	6,184,561	62.0
20	0.00104	104	0.00021	99,378	496,633	0.99890	5,686,681	57.2
25	0.00115	114	0.00023	99,275	496,087	0.99825	5,190,048	52.3
30	0.00236	234	0.00047	99,160	495,218	0.99564	4,693,961	47.3
35	0.00638	631	0.00128	98,927	493,056	0.98819	4,198,743	42.4
40	0.01728	1,699	0.00349	98,296	487,232	0.98256	3,705,687	37.7
45	0.01761	1,701	0.00355	96,597	478,733	0.97859	3,218,455	33.3
50	0.02529	2,400	0.00512	94,896	468,481	0.97045	2,739,723	28.9
55	0.03391	3,137	0.00690	92,496	454,639	0.94394	2,271,242	24.6
60	0.07898	7,058	0.01645	89,360	429,153	0.91984	1,816,603	20.3
65	0.08144	6,702	0.01698	82,302	394,753	0.91122	1,387,449	16.9
70	0.09678	7,316	0.02034	75,600	359,707	0.81917	992,696	13.1
75	0.27389	18,702	0.06347	68,283	294,660	0.53449 ^c	632,989	9.3
80+	1.00000	49,581	0.14655	49,581	338,329	-	338,329	6.8

Nota: ^a Daripada umur 0 hingga
kumpulan umur 1-4
Notes: From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.16: Jadual hayat ringkas mengikut jantina dan umur, W.P. Putrajaya, 2022 ^e

Table 5.16: Abridged life table by sex and age, W.P. Putrajaya, 2022 ^e

Umur <i>Age</i>	Kebangkitan mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Lelaki dan Perempuan <i>Both sexes</i>								
0	0.00484	484	0.00486	100,000	99,548	0.99523 ^a	7,445,724	74.5
1	0.00000	-	0.00000	99,516	398,066	0.99994 ^b	7,346,176	73.8
5	0.00000	-	0.00000	99,516	497,582	0.99968	6,948,111	69.8
10	0.00064	64	0.00013	99,516	497,422	0.99844	6,450,529	64.8
15	0.00248	246	0.00050	99,453	496,647	0.99710	5,953,106	59.9
20	0.00332	330	0.00067	99,206	495,207	0.99710	5,456,459	55.0
25	0.00247	244	0.00049	98,877	493,772	0.99683	4,961,252	50.2
30	0.00386	381	0.00077	98,632	492,209	0.99568	4,467,480	45.3
35	0.00478	470	0.00096	98,251	490,082	0.99348	3,975,271	40.5
40	0.00827	808	0.00166	97,782	486,887	0.98980	3,485,189	35.6
45	0.01216	1,179	0.00245	96,973	481,918	0.98261	2,998,302	30.9
50	0.02268	2,173	0.00459	95,794	473,539	0.96487	2,516,384	26.3
55	0.04788	4,482	0.00981	93,621	456,901	0.92120	2,042,845	21.8
60	0.11128	9,919	0.02357	89,139	420,898	0.88778	1,585,943	17.8
65	0.11329	8,974	0.02402	79,220	373,664	0.82736	1,165,046	14.7
70	0.23958	16,830	0.05444	70,246	309,153	0.75519	791,382	11.3
75	0.25168	13,444	0.05758	53,416	233,470	0.51585 ^c	482,229	9.0
80+	1.00000	39,972	0.16069	39,972	248,758	-	248,758	6.2
Lelaki <i>Male</i>								
0	0.00653	653	0.00657	100,000	99,387	0.99355 ^a	7,188,518	71.9
1	0.00000	-	0.00000	99,347	397,389	0.99992 ^b	7,089,131	71.4
5	0.00000	-	0.00000	99,347	496,736	1.00000	6,691,742	67.4
10	0.00000	-	0.00000	99,347	496,736	0.99745	6,195,007	62.4
15	0.00510	507	0.00102	99,347	495,468	0.99415	5,698,271	57.4
20	0.00660	652	0.00132	98,840	492,569	0.99390	5,202,803	52.6
25	0.00560	550	0.00112	98,188	489,562	0.99463	4,710,234	48.0
30	0.00513	501	0.00103	97,637	486,934	0.99385	4,220,672	43.2
35	0.00718	698	0.00144	97,136	483,937	0.99223	3,733,738	38.4
40	0.00836	806	0.00168	96,439	480,178	0.98865	3,249,800	33.7
45	0.01437	1,375	0.00290	95,633	474,726	0.97872	2,769,622	29.0
50	0.02829	2,667	0.00574	94,258	464,623	0.95236	2,294,896	24.3
55	0.06755	6,187	0.01398	91,591	442,488	0.89933	1,830,273	20.0
60	0.13620	11,632	0.02923	85,404	397,941	0.86841	1,387,786	16.2
65	0.12625	9,314	0.02695	73,772	345,577	0.81885	989,845	13.4
70	0.24398	15,727	0.05558	64,459	282,976	0.69243	644,268	10.0
75	0.39168	19,087	0.09741	48,732	195,941	0.45767 ^c	361,292	7.4
80+	1.00000	29,645	0.17928	29,645	165,351	-	165,351	5.6

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

Jadual 5.16: Jadual hayat ringkas mengikut jantina dan umur, W.P. Putrajaya, 2022 ^e (samb.)

Table 5.16: Abridged life table by sex and age, W.P. Putrajaya, 2022 ^e (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n <i>Probability of dying between age x and age x+n</i>	Bilangan kematian di antara umur x dan umur x+n <i>Number of deaths between age x and age x+n</i>	Kadar tengah mortaliti di antara umur x dan umur x+n <i>Central mortality rate between age x and age x+n</i>	Penakat (orang yang masih hidup) pada umur tepat x <i>Survivors at exact age x</i>	Bilangan orang hidup-tahun di antara umur x dan umur x+n <i>Number of person-years lived between age x and age x+n</i>	Nisbah ketakatan <i>Survival ratio</i>	Jumlah bilangan orang hidup-tahun selepas umur tepat x <i>Total number of person-years lived after exact age x</i>	Jangkaan hayat <i>Life expectancy</i>
x	nq_x	nd_x	nm_x	l_x	nL_x	nS_x	T_x	e_x
Perempuan <i>Female</i>								
0	0.00325	325	0.00326	100,000	99,694	0.99679 ^a	7,696,331	77.0
1	0.00000	-	0.00000	99,675	398,700	0.99996 ^b	7,596,636	76.2
5	0.00000	-	0.00000	99,675	498,375	0.99939	7,197,937	72.2
10	0.00121	121	0.00024	99,675	498,073	0.99939	6,699,562	67.2
15	0.00000	-	0.00000	99,554	497,770	1.00000	6,201,489	62.3
20	0.00000	-	0.00000	99,554	497,770	1.00000	5,703,719	57.3
25	0.00000	-	0.00000	99,554	497,770	0.99862	5,205,949	52.3
30	0.00276	275	0.00055	99,554	497,082	0.99719	4,708,178	47.3
35	0.00285	283	0.00057	99,279	495,687	0.99459	4,211,096	42.4
40	0.00798	790	0.00160	98,996	493,005	0.99114	3,715,409	37.5
45	0.00974	957	0.00196	98,206	488,637	0.98671	3,222,404	32.8
50	0.01688	1,641	0.00340	97,249	482,142	0.97836	2,733,766	28.1
55	0.02648	2,531	0.00537	95,608	471,710	0.94411	2,251,624	23.6
60	0.08609	8,013	0.01799	93,076	445,349	0.90617	1,779,914	19.1
65	0.10231	8,702	0.02156	85,063	403,559	0.83291	1,334,565	15.7
70	0.23926	18,270	0.05435	76,361	336,128	0.79322	931,006	12.2
75	0.16408	9,532	0.03575	58,091	266,623	0.55180 ^c	594,878	10.2
80+	1.00000	48,559	0.14793	48,559	328,254	-	328,254	6.8

Nota: ^a Daripada umur 0 hingga
Notes: kumpulan umur 1-4
From age of 0 to age group 1-4

^b Daripada umur 0, kumpulan umur 1-4
hingga kumpulan umur 5-9
From age of 0, age group 1-4 to age group 5-9

^c Daripada umur 75 hingga 80+
From age of 75 to 80+

^e Anggaran
Estimates

NOTA TEKNIKAL



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1. PENGENALAN

- 1.1 Jadual hayat adalah satu cara untuk menggambarkan situasi mortaliti penduduk. Jadual hayat disediakan dengan menggunakan kadar mortaliti umur tertentu atau kebarangkalian mati (q_x) dan hasilnya digunakan untuk mengukur mortaliti, nisbah ketakatan dan jangkaan hayat.
- 1.2 Jangkaan hayat adalah purata baki umur (tahun) seseorang dijangka dapat hidup pada permulaan umur tertentu dengan andaian kadar mortaliti umur tertentu adalah sama sepanjang hayat. Jangkaan hayat ketika lahir adalah refleksi mortaliti dan bebas daripada struktur umur penduduk serta tidak dipengaruhi oleh faktor-faktor luar seperti pemilihan penduduk piawai, perubahan pada kadar kelahiran dan lain-lain fenomena demografi.
- 1.3 Jadual hayat digunakan oleh ahli demografi, pekerja kesihatan awam dan aktuari dalam kajian kesuburan, mortaliti, migrasi, kepanjangan usia, pertumbuhan penduduk, unjuran penduduk, tempoh hayat bekerja dan tempoh hayat berkahwin¹.
- 1.4 Penerbitan ini juga menyediakan jadual hayat mengikut pengelasan kumpulan etnik utama di peringkat Malaysia berdasarkan klasifikasi yang telah diguna pakai semasa Banci Penduduk dan Perumahan Malaysia 2020 (Banci 2020). Klasifikasi tersebut adalah:

Warganegara

- a. Bumiputera terdiri daripada Melayu dan Bumiputera lain
- b. Cina
- c. India
- d. Lain-lain

Bukan Warganegara

- 1.5 Statistik jangkaan hayat bagi tahun 2020 hingga 2022 telah disemak semula berasaskan Banci 2020 manakala statistik jangkaan hayat bagi tahun 2010 hingga 2019 adalah berasaskan Banci Penduduk dan Perumahan Malaysia 2010 (Banci 2010) dan akan disemak semula.

¹ H.S Shryock and J.S. Siegel (1976)

2. KONSEP

- 2.1 Jadual hayat ringkas adalah jadual yang menunjukkan kebarangkalian mati seseorang pada sesuatu umur (selang umur 5 tahun) sebelum mencapai ulang tahun kelahiran seterusnya. Jadual hayat disediakan menggunakan kadar mortaliti umur tertentu atau kebarangkalian mati (q_x) dan hasilnya digunakan untuk mengukur mortaliti, nisbah ketakatan dan jangkaan hayat.
- 2.2 Jangkaan hayat adalah purata baki umur (tahun) seseorang dijangka dapat hidup pada permulaan umur tertentu dengan andaian kadar kematian umur tertentu adalah sama sepanjang hayat.
- 2.3 Penakat ialah bilangan orang yang masih hidup pada permulaan umur tertentu.

3. METODOLOGI

- 3.1 Jadual hayat ringkas dijana menggunakan model *Coale-Demeny (West)* yang berasaskan kepada purata bilangan kematian pertengahan tahun untuk tempoh tiga tahun. Pendekatan ini telah digunakan untuk meminimumkan turun naik bilangan kejadian penting tahunan secara rawak. Penggunaan data kematian untuk tempoh tiga tahun ini bermakna akan sentiasa berlaku ketinggalan masa satu atau dua tahun sebelum jadual hayat untuk tahun terkini dapat disediakan. Oleh itu, bagi memenuhi permintaan daripada pengguna, model *Brass Logit*² digunakan bagi menjana anggaran jadual hayat terkini.
- 3.2 Jadual hayat ringkas 2020 (muktamad) dijana menggunakan model *Coale-Demeny (West)* yang berasaskan purata bilangan kematian pertengahan tahun mengikut kumpulan umur, kumpulan etnik, jantina dan negeri bagi tahun 2019, 2020 dan 2021 yang telah dimuktamadkan.
 - 3.2.1 Data kematian pertengahan tahun 2019 merujuk kepada kematian yang direkodkan pada separuh tahun (*half-yearly*) kedua 2018 bermula Julai hingga Disember 2018 dan kematian separuh tahun pertama 2019 bermula Januari hingga Jun 2019 mengikut umur satu tahunan, kumpulan etnik, jantina dan negeri.
 - 3.2.2 Data kematian pertengahan tahun 2020 merujuk kepada kematian yang direkodkan pada separuh tahun kedua 2019 bermula Julai hingga Disember 2019 dan kematian separuh tahun pertama 2020 bermula

² W. Brass (1975)

- Januari hingga Jun 2020 mengikut umur satu tahunan, kumpulan etnik, jantina dan negeri.
- 3.2.3 Data kematian pertengahan tahun 2021 merujuk kepada kematian yang direkodkan pada separuh tahun kedua 2020 bermula Julai hingga Disember 2020 dan kematian separuh tahun pertama 2021 bermula Januari hingga Jun 2021 mengikut umur satu tahunan, kumpulan etnik, jantina dan negeri.
- 3.2.4 Input penduduk yang digunakan bagi penjanaan jadual hayat ringkas 2020 ini adalah data anggaran penduduk pertengahan tahun 2020 berasaskan Banci 2020 mengikut umur satu tahunan, kumpulan etnik, jantina dan negeri.
- 3.3 Jadual hayat ringkas 2021 (permulaan) dijana menggunakan model *Coale-Demeny (West)* yang berasaskan purata bilangan kematian pertengahan tahun mengikut kumpulan umur, kumpulan etnik, jantina dan negeri bagi tahun 2020, 2021 dan 2022 (anggaran).
- 3.3.1 Data kematian pertengahan tahun 2020 merujuk kepada kematian yang direkodkan pada separuh tahun kedua 2019 bermula Julai hingga Disember 2019 dan kematian separuh tahun pertama 2020 bermula Januari hingga Jun 2020 mengikut umur satu tahunan, kumpulan etnik, jantina dan negeri.
- 3.3.2 Data kematian pertengahan tahun 2021 merujuk kepada kematian yang direkodkan pada separuh tahun kedua 2020 bermula Julai hingga Disember 2020 dan kematian separuh tahun pertama 2021 bermula Januari hingga Jun 2021 mengikut umur satu tahunan, kumpulan etnik, jantina dan negeri.
- 3.3.3 Anggaran data kematian pertengahan tahun 2022 merujuk kepada kematian yang direkodkan pada separuh tahun kedua 2021 bermula Julai hingga Disember 2021 dan kematian separuh tahun pertama 2022 bermula Januari hingga Jun 2022 mengikut umur satu tahunan, kumpulan etnik, jantina dan negeri. Anggaran kematian 2022 adalah berdasarkan data siri masa kematian 10 tahun menggunakan kaedah *time series modeller-exponential smoothing models*.
- 3.3.4 Input penduduk yang digunakan bagi penjanaan jadual hayat ringkas 2021 adalah data anggaran penduduk pertengahan tahun 2021 berasaskan Banci 2020 mengikut umur satu tahunan, kumpulan etnik, jantina dan negeri.

- 3.4 Jadual hayat ringkas 2022 (anggaran) dijana menggunakan model *Brass Logit* berasaskan input anggaran data kematian pertengahan tahun dan anggaran penduduk pertengahan tahun pada tahun semasa.
- 3.4.1 Anggaran data kematian pertengahan tahun 2022 merujuk kepada kematian yang direkodkan pada separuh tahun kedua 2021 bermula Julai hingga Disember 2021 dan kematian separuh tahun pertama 2022 bermula Januari hingga Jun 2022 mengikut umur satu tahunan, kumpulan etnik, jantina dan negeri.
- 3.4.2 Input penduduk yang digunakan bagi penjanaan jadual hayat ringkas 2022 adalah data anggaran penduduk pertengahan tahun 2022 berasaskan Banci 2020 mengikut umur satu tahunan, kumpulan etnik, jantina dan negeri.
- 3.5 Pengiraan jadual hayat memerlukan satu set nilai input sama ada kadar mortaliti umur tertentu bagi penduduk, ${}_nM_x$ atau nilai ${}_nq_x$ iaitu kebarangkalian mati di antara umur tepat x dan umur tepat $x + n$, di mana n bersamaan selang umur 5 tahun kecuali dua kumpulan umur iaitu di bawah 1 tahun dan 1-4 tahun.
- 3.6 Untuk menganggarkan ${}_1q_0$ dan ${}_4q_1$ daripada ${}_1M_0$ dan ${}_4M_1$ dan ${}_1L_0$ (di mana ${}_1L_0$ merujuk kepada bilangan orang hidup-tahun di antara umur 0 dan 1) dan ${}_4L_1$ daripada ${}_1q_0$ dan ${}_4q_1$, faktor-faktor pemisah kematian yang diperlukan adalah daripada jadual hayat model *Coale-Demeny*³.
- 3.7 Data input adalah dalam bentuk 17 nilai ${}_nM_x$ atau ${}_nq_x$. Jika terdapat lebih daripada 17 nilai, hanya data sehingga ${}_5q_{75}$ akan diambil. Jika ia kurang daripada 17 nilai, iaitu, data bagi kumpulan umur bawah 75 tahun, ekstrapolasi akan dibuat sehingga umur 75 tahun.
- 3.8 Ekstrapolasi ini dibuat dengan andaian bahawa nilai ${}_5q_x$ mempunyai fungsi eksponen. Nisbah dua nilai ${}_nq_x$ yang tertinggi dalam data input telah dijadikan pemalar untuk menganggarkan nilai ${}_nq_x$ sehingga umur 75 tahun. Sebagai contoh, nisbah a daripada data yang diberi akan dikira sebagai:

$$a = \frac{{}_5q_{x+5}}{{}_5q_x}$$

³ A. Coale and P. Demeny (1966)

di mana:

${}_5q_{x+5}$ Nilai tertinggi bagi set yang telah diberi yang mana x adalah kurang daripada 70

a Pemalar

Oleh itu, anggaran untuk ${}_5q_{x+10}$ ialah:

$${}_5q_{x+10} = a \cdot {}_5q_{x+5}$$

Hubungan ini digunakan untuk membuat anggaran sehingga ${}_5q_{75}$.

3.9 Kadar mortaliti umur tertentu, ${}_nM_x$ bagi penduduk dikira seperti berikut:

$${}_nM_x = \frac{{}_nD_x}{{}_nP_x}$$

di mana:

${}_nD_x$ Bilangan kematian di antara umur x dan $x + n$

${}_nP_x$ Bilangan penduduk di antara umur x dan $x + n$

3.10 Sistem *Brass Logit* berasaskan pada transformasi dua parameter jadual hayat standard dan membenarkan variasi infiniti dalam corak kematian pada tahap tertentu. Satu model hubungan telah digunakan untuk membandingkan tahap dan corak kematian antara jadual hayat tiga tahun dan jadual hayat satu tahun yang telah digunakan sebagai standard. Ini adalah berasaskan kepada andaian bahawa jadual kematian yang berbeza boleh dihubungkan secara linear dengan satu sama lain melalui nilai ketakatan masing-masing ke dalam logit, iaitu bilangan orang yang masih hidup pada umur x ditukarkan kepada logit untuk kedua-dua jadual hayat berasaskan satu tahun dan tiga tahun. Ini berdasarkan kepada hubungan berikut:

$$\text{Logit } Y = \alpha + \beta \text{ logit } S$$

Logit Y Merujuk kepada logit bagi nilai I_x daripada jadual hayat dengan kematian purata tiga tahun

Logit S Merujuk kepada logit bagi nilai I_x daripada jadual hayat dengan kematian satu tahun

α Merujuk kepada tahap mortaliti

β Merujuk kepada corak mortaliti

4. PENGIRAAN FUNGSI JADUAL HAYAT

4.1 Jika nilai ${}_nM_x$ digunakan sebagai input, nilai ${}_nq_x$ dihitung sebagai:

$${}_nq_x = \frac{({}_nM_x)}{(1 + (n - {}_nk_x) \cdot {}_nM_x)}$$

di mana:

${}_nq_x$ Kebarangkalian mati di antara umur tepat x dan umur tepat $x + n$

${}_nM_x$ Kadar mortaliti umur tertentu untuk umur x dan $x + n$

n Selang kumpulan umur (1, 4 dan 5)

${}_nk_x$ Faktor pemisah kematian untuk umur x dan $x + n$

Faktor-faktor pemisah kematian untuk umur bawah 1 tahun dan 1-4 tahun boleh disediakan sebagai input atau faktor-faktor pemisah kematian *Coale-Demeny* digunakan.

Faktor pemisah untuk semua kumpulan umur yang lebih tinggi diandaikan sebagai 2.5.

4.2 Penakat (bilangan orang yang masih hidup) pada setiap umur tepat x , l_x ialah:

$$\frac{l_{x+n}}{l_x} = 1 - {}_nq_x \quad \text{dengan radiks 100,000 kelahiran, iaitu, pada umur tepat 0, } l_0$$

4.3 Bilangan kematian di antara umur tepat umur x dan $x + n$, ${}_nd_x$ ialah:

$${}_nd_x = l_x - l_{x+n}$$

4.4 Bilangan orang yang akan hidup-tahun di antara umur tepat x dan $x + n$, ${}_nL_x$ dikira sebagai:

$${}_1L_0 = {}_1k_0 \cdot l_0 + (1 - ({}_1k_0))l_1$$

$${}_4L_1 = {}_4k_1 \cdot l_1 + (4 - ({}_4k_1))l_5$$

$${}_5L_x = 2.5(l_x + l_{x+5}) \quad x = 5, 10, \dots, 75$$

di mana:

${}_1k_0$ Faktor pemisah kematian untuk umur bawah 1 tahun

Lelaki : ${}_1k_0 = 0.0425 + 2.875 {}_1q_0$

Perempuan : ${}_1k_0 = 0.05 + 3.0 {}_1q_0$

${}_4k_1$ Faktor pemisah kematian untuk umur 1-4 tahun

Lelaki : ${}_4k_1 = 1.653 - 3.013 {}_1q_0$

Perempuan : ${}_4k_1 = 1.524 - 1.625 {}_1q_0$

Semua faktor pemisah kematian yang digunakan adalah yang telah dicadangkan dalam jadual hayat model *Coale-Demeny*.

Bagi kumpulan umur selang terbuka, L_{80+} dikira sebagai:

$$L_{80+} = 3.725 (l_{80}) + 0.0000625 (l_{80})^2$$

4.5 Kadar tengah mortaliti di antara umur x dan umur $x + n$, ${}_nm_x$ ialah:

$${}_nm_x = \frac{{}_nd_x}{{}_nL_x}$$

4.6 Jumlah bilangan orang yang akan hidup-tahun selepas umur tepat x , T_x ialah:

$$T_x = \sum_{y=x}^{y=w} L_y$$

di mana:

$$\sum_{y=x}^{y=w} L_y \quad \text{Jumlah semua } L_x \text{ untuk umur } x \text{ dan ke atas hingga ke akhir jadual hayat}$$

w Umur tertua di dalam jadual hayat

4.7 Nisbah ketakatan, ${}_nS_x$ ialah:

$${}_nS_x = \frac{{}_nL_{x+5}}{{}_nL_x}$$

di mana:

Perkadaran hidup daripada kelahiran hingga umur 0-4 tahun:

$$S_0 = \frac{{}_5L_0}{{}_5(l_0)}$$

Perkadaran hidup daripada umur 0-4 tahun hingga 5-9 tahun:

$$S_1 = \frac{{}_5L_5}{{}_5L_0}$$

Perkadaran hidup daripada umur x hingga $x + 5$:

$${}_5S_x = \frac{{}_5L_{x+5}}{{}_5L_x}$$

Perkadaran hidup daripada umur 75-80 tahun dan ke atas:

$$S_{75+} = \frac{L_{80+}}{L_{75+}}$$

4.8 Jangkaan hayat pada umur x , e_x ialah:

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

5. DEFINISI JADUAL HAYAT

x dan $x + n$ Masa hidup di antara dua umur tepat x dan $x + n$.

Contohnya, umur '65-70' bermaksud 5 tahun selang umur di antara ulang tahun hari lahir ke-65 dan ke-70.

${}_nq_x$ Kebarangkalian mati di antara umur x dan umur $x + n$, iaitu, perkadaran orang dalam kohort yang hidup pada permulaan selang umur yang dinyatakan x yang akan mati sebelum mencapai ke akhir selang umur $x + n$.

Contohnya merujuk kepada Jadual 2.1, kebarangkalian seorang lelaki pada umur tepat 65 tahun akan mati sebelum mencapai ulang tahun hari lahir ke 70, ${}_5q_{65}$ ialah 0.12394, iaitu, daripada setiap 100,000 orang yang hidup dan pada umur tepat 65 tahun, 12,394 akan mati sebelum mencapai ulang tahun hari lahir ke-70.

l_x Orang yang masih hidup pada setiap umur tepat x , iaitu bilangan orang yang masih hidup pada permulaan selang umur x daripada jumlah kelahiran yang diandaikan seramai 100,000 orang.

Contohnya merujuk kepada Jadual 2.1, daripada 100,000 bayi lelaki yang baru lahir, 74,950 orang akan hidup sehingga umur tepat 65 tahun.

${}_n d_x$ Bilangan kematian di antara umur tepat x dan umur tepat $x+n$ iaitu bilangan orang yang akan mati dalam selang umur x hingga $x+n$ daripada jumlah bilangan kelahiran yang diandaikan dalam jadual.

Contohnya merujuk kepada Jadual 2.1 bagi lelaki, akan berlaku 9,289 kematian di antara umur tepat 65 tahun dan 70 tahun kepada kohort permulaan 100,000 bayi lelaki yang baru lahir.

${}_n m_x$ Kadar tengah mortaliti di antara umur tepat x dan umur tepat $x+n$.

Contohnya merujuk kepada Jadual 2.1 bagi lelaki, kadar tengah mortaliti di antara umur 65 tahun dan umur 70 tahun ialah $9,289 / 351,526$ iaitu 0.02643.

${}_n L_x$ Bilangan orang yang akan hidup-tahun di antara umur tepat x dan umur tepat $x+n$ oleh kohort 100,000 kelahiran yang diandaikan.

Contohnya merujuk kepada Jadual 2.1, 100,000 bayi lelaki yang baru lahir, 351,526 orang akan hidup-tahun di antara umur tepat 65 tahun dan 70 tahun. Daripada 74,950 orang yang mencapai umur 65 tahun, 65,661 orang yang hidup sehingga umur 70 tahun akan hidup 5 tahun seorang, iaitu, 328,305 orang-tahun ($65,661 \times 5 = 328,305$ orang-tahun) dan 9,289 orang yang mati masing-masing akan hidup dalam tempoh masa yang berbeza yang kurang daripada 5 tahun, purata selama 2.5 tahun, iaitu, 23,222 orang-tahun ($9,289 \times 2.5 = 23,222$).

${}_n S_x$ Perkadaran orang yang masih hidup daripada kumpulan umur x hingga $x + n$ kepada kumpulan umur lain $x + 5$ hingga $x + 5 + n$.

Contohnya merujuk kepada Jadual 2.1 bagi lelaki, perkadaran orang hidup daripada kumpulan umur 65-69 kepada kumpulan umur 70-74 ialah $297,867 / 351,526$ iaitu 0.84735.

T_x Jumlah bilangan orang hidup-tahun selepas permulaan umur tepat x oleh kohort 100,000 kelahiran yang diandaikan.

Contohnya merujuk kepada Jadual 2.1, 100,000 bayi lelaki yang baru lahir, seramai 1,106,836 orang akan hidup-tahun selepas ulang tahun hari lahir ke-65.

e_x Jangkaan hayat adalah purata baki umur (tahun) seseorang dijangka dapat hidup pada permulaan umur tertentu dengan andaian kadar kematian umur tertentu adalah sama sepanjang hayat.

Contohnya merujuk kepada Jadual 2.1, seorang lelaki yang mencapai ulang tahun hari lahir ke-65 akan dijangka hidup selama 14.8 tahun lagi.

6. NOTA DAN SIMBOL

p Permulaan

e Anggaran

W.P. Wilayah Persekutuan

- Tiada/ kosong

TECHNICAL NOTES



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1. INTRODUCTION

- 1.1 *A life table is a useful tool for presenting the mortality situation of a population. A life table is prepared from age-specific mortality rates or probability of deaths (q_x) and the results used to measure mortality, survival ratio and life expectancy.*
- 1.2 *Life expectancy is the average number of years a person is expected to live at the beginning of a certain age, assuming the mortality rate of a certain age is the same throughout his or her lifetime. Life expectancy at birth reflects mortality. It is independent of the population's age structure and is not influenced by extraneous factors such as the selection of a standard population, changes in birth rates and other demographic phenomena.*
- 1.3 *Life tables are used by demographers, public health workers and actuaries in the studies of fertility, mortality, migration, longevity, population growth, population projections, length of working life and length of married life¹.*
- 1.4 *This report also provides life tables by major ethnic group at Malaysia level based on the classification used during Population and Housing Census of Malaysia 2020 (MyCensus 2020). The classifications used are:*

Citizen

- a. *Bumiputera consists of Malay and Other Bumiputera*
- b. *Chinese*
- c. *Indians*
- d. *Others*

Non-citizen

- 1.5 *The statistics of life expectancy for 2020 to 2022 have been revised based on the MyCensus 2020 meanwhile the statistics of life expectancy for 2010 to 2019 are based on the Population and Housing Census of Malaysia 2010 (Census 2010) and will be revised later.*

¹ H.S Shryock and J.S. Siegel (1976)

2. CONCEPTS

- 2.1 *Abridged life table is a table that shows the probability that a person at a certain age (5-year age interval) will die before reaching his or her next birthday. A life table is prepared from age-specific mortality rates or probability of deaths (q_x) and the results used to measure mortality, survival ratio and life expectancy.*
- 2.2 *Life expectancy is the average remaining age (years) for a person is expected to live at the beginning of a certain age if the age-specific death rates of the given period continued throughout his or her lifetime.*
- 2.3 *Survivors are the number of survivors at the beginning of a certain age.*

3. METHODOLOGY

- 3.1 *The life tables are generated from Coale-Demeny (West) model based on the average final number of mid-year for three year. This approach was adopted to minimise random annual fluctuations in the number of vital events. The use of triennial deaths implies that there will always be a time lag of one or two years for life tables of a year to be made available. Thus, to cater for the needs of the user, the Brass Logit model was used to generate the estimate of life tables.*
- 3.2 *The abridged life tables 2020 (final) are generated using the Coale-Demeny (West) model based on the average final number of mid-year deaths by single age, ethnic group, sex and state for 2019, 2020 and 2021.*
 - 3.2.1 *Mid-year data on deaths for 2019 refers to the deaths recorded in the second half-yearly of 2018 from July to December 2018 and the first half-yearly of 2019 deaths from January to June 2019 by single age, ethnic group, sex and state.*
 - 3.2.2 *Mid-year data on deaths for 2020 refers to the deaths recorded in the second half-yearly of 2019 from July to December 2019 and the first half-yearly of 2020 deaths from January to June 2020 by single age, ethnic group, sex and state.*
 - 3.2.3 *Mid-year data on deaths for 2021 refers to the deaths recorded in the second half-yearly of 2020 from July to December 2020 and the first half-yearly of 2021 deaths from January to June 2021 by single age, ethnic group, sex and state.*

- 3.2.4 *The input of the population used to generate the abridged life tables is the mid-year population estimates for 2020 based on the MyCensus 2020 by single age, ethnic group, sex and state.*
- 3.3 *The abridged life tables 2021 (preliminary) are generated using the Coale-Demeny (West) model based on the average final number of mid-year deaths by single age, ethnic group, sex and state for 2020, 2021 and 2022 (estimates).*
- 3.3.1 *Mid-year data on deaths for 2020 refers to the deaths recorded in the second half-yearly of 2019 from July to December 2019 and the first half-yearly of 2020 deaths from January to June 2020 by single age, ethnic group, sex and state.*
- 3.3.2 *Mid-year data on deaths for 2021 refers to the deaths recorded in the second half-yearly of 2020 from July to December 2020 and the first half-yearly of 2021 deaths from January to June 2021 by single age, ethnic group, sex and state.*
- 3.3.3 *Mid-year death estimates for 2022 refer to the deaths recorded in the second half-yearly of 2021 from July to December 2021 and the first half-yearly of 2022 deaths from January to June 2022 by single age, ethnic group, sex and state. The 2022 estimate deaths based on 10-year death time series data using the time series modeler-exponential smoothing models.*
- 3.3.4 *The input of the population used to generate the abridged life tables is the mid-year population estimates for 2021 based on the MyCensus 2020 by single age, ethnic group, sex and state.*
- 3.4 *The abridged life tables 2022 (estimates) are generated using the Brass Logit model based on the mid-year death estimates and mid-year population estimates for the current year.*
- 3.4.1 *Mid-year death estimates for 2022 refer to the deaths recorded in the second half-yearly of 2021 from July to December 2021 and the first half-yearly of 2022 deaths from January to June 2022 by single age, ethnic group, sex and state.*
- 3.4.2 *The input of the population used to generate the abridged life tables is the mid-year population estimates for 2022 based on the MyCensus 2020 by single age, ethnic group, sex and state.*
- 3.5 *The calculation of life tables requires a set of input values of either the age-specific mortality rates of the population, ${}_nM_x$ or the ${}_nq_x$ values, that is, probabilities of dying between exact ages x and $x + n$, where n equals to 5-*

year age intervals except for the first two age groups below 1 year and 1-4 years.

- 3.6 For estimating ${}_1q_0$ and ${}_4q_1$ from ${}_1M_0$ and ${}_4M_1$ and ${}_1L_0$ (where ${}_1L_0$ refers to the number of person-years lived between age 0 and 1) and ${}_4L_1$ from ${}_1q_0$ and ${}_4q_1$, death separation factors which are required from the Coale-Demeny model life tables².
- 3.7 The data input is in the form of 17 values of ${}_nM_x$ or ${}_nq_x$. If there are more than 17 values, only data up to ${}_5q_{75}$ were taken. If there are less than 17 values, that is, data up to an age group below the age of 75 years, extrapolation up to the age of 75 years is done automatically.
- 3.8 The extrapolation is done by assuming that the ${}_5q_x$ values have exponential functions. The ratio of the two highest values of ${}_nq_x$ in the data input is constant for estimation, up to the age of 75 years. For example, the ratio of a from the data given is computed as:

$$a = \frac{{}_5q_{x+5}}{{}_5q_x}$$

where:

${}_5q_{x+5}$ The highest value of the given set in which x is less than 70

a Constant value

Therefore, the estimate of ${}_5q_{x+10}$ is:

$${}_5q_{x+10} = a \cdot {}_5q_{x+5}$$

This relationship is used in estimation up to ${}_5q_{75}$.

- 3.9 The age-specific mortality rates, ${}_nM_x$ of the population calculated as follows:

$${}_nM_x = \frac{{}_nD_x}{{}_nP_x}$$

² A. Coale and P. Demeny (1966)

where:

${}_nD_x$ Number of deaths between ages x and $x + n$

${}_nP_x$ Number of populations between ages x and $x + n$

3.10 The Brass Logit system is based on a two-parameter transformation of a standard life table and allows infinite variations in the patterns of mortality at any given level. A relationship model was used to compare the levels and patterns of mortality between triennial year life table and single year life table which was used as a standard. It assumes that different mortality schedules can be linearly related to each other by a transformation of their respective survivorship values into logits, that is, the number of survivors at age x are converted to logits for both the single year-based life table and triennial year-based life table. This is based on the following relationship:

$$\text{Logit } Y = \alpha + \beta \text{ logit } S$$

Logit Y Refers to the logit transformation of l_x values from the life table of triennial average deaths

Logit S Refers to the logit transformation of l_x values from the life table of single year deaths

α Refers to the level of mortality

β Refers to the pattern of mortality

4. COMPUTATION OF LIFE TABLE FUNCTIONS

4.1 If ${}_nM_x$ values are used as inputs, the ${}_nq_x$ values are computed as:

$${}_nq_x = \frac{({}_nM_x)}{(1 + (n - {}_nk_x) \cdot {}_nM_x)}$$

where:

${}_nq_x$ Probability of dying between exact age x and exact age $x + n$

${}_nM_x$ Age-specific mortality rates for ages x and $x + n$

n Age group interval (1, 4 and 5)

${}_n k_x$ Death separation factor for ages x and $x + n$

The death separation factors for ages below 1 year and 1-4 years can be provided as the input or the Coale-Demeny death separation factors can be used.

The separation factor for all higher age groups is assumed to be 2.5.

4.2 Survivors (the number of survivors) at each exact age x , l_x is:

$$\frac{l_{x+n}}{l_x} = 1 - {}_n q_x \quad \text{with a radix of 100,000 births, that is, at exact age 0, } l_0$$

4.3 The number of deaths between exact ages x and $x + n$, ${}_n d_x$ is:

$${}_n d_x = l_x - l_{x+n}$$

4.4 The number of person-years lived (survivors) between exact ages x and $x + n$, ${}_n L_x$ is calculated as:

$${}_1 L_0 = {}_1 k_0 \cdot l_0 + (1 - ({}_1 k_0)) l_1$$

$${}_4 L_1 = {}_4 k_1 \cdot l_1 + (4 - ({}_4 k_1)) l_5$$

$${}_5 L_x = 2.5(l_x + l_{x+5}) \quad x = 5, 10, \dots, 75$$

where:

${}_1 k_0$ Death separation factors for ages below 1 year

$$\text{Male} : {}_1 k_0 = 0.0425 + 2.875 {}_1 q_0$$

$$\text{Female} : {}_1 k_0 = 0.05 + 3.0 {}_1 q_0$$

${}_4 k_1$ Death separation factors for aged 1-4 years

$$\text{Male} : {}_4 k_1 = 1.653 - 3.013 {}_1 q_0$$

$$\text{Female} : {}_4 k_1 = 1.524 - 1.625 {}_1 q_0$$

All the death separation factors used are as suggested in Coale-Demeny model life tables.

The open-ended age group, L_{80+} is calculated as:

$$L_{80+} = 3.725 (l_{80}) + 0.0000625 (l_{80})^2$$

4.5 The central mortality rate between age x and age $x + n$, ${}_n m_x$ is:

$${}_n m_x = \frac{{}_n d_x}{{}_n L_x}$$

4.6 The total number of person-years lived after exact age x , T_x is:

$$T_x = \sum_{y=x}^{y=w} L_y$$

where:

$$\sum_{y=x}^{y=w} L_y \quad \text{Sum of the } L_x \text{ for ages } x \text{ and over to the end of the life table}$$

w The oldest age in the life table

4.7 The survival ratio, ${}_n S_x$ is:

$${}_n S_x = \frac{{}_n L_{x+5}}{{}_n L_x}$$

where:

Proportion of surviving from birth to ages 0-4 years is:

$$S_0 = \frac{{}_5 L_0}{5(l_0)}$$

Proportion of surviving from ages 0-4 years to 5-9 years is:

$$S_1 = \frac{{}_5 L_5}{{}_5 L_0}$$

Proportion of surviving from ages x to $x + 5$ is:

$${}_5 S_x = \frac{{}_5 L_{x+5}}{{}_5 L_x}$$

Proportion of surviving from ages 75-80 years and over is:

$$S_{75+} = \frac{L_{80+}}{L_{75+}}$$

4.8 Life expectancy at the age x , e_x is:

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

5. LIFE TABLE DEFINITIONS

x and $x + n$ The period of life between two exact ages x and $x + n$.

For example, age group of the age of '65-70' means the 5-year interval between the 65th and 70th birthdays.

${}_nq_x$ The probability of dying between age x and age $x + n$, the proportion of persons in the cohort that alive at the beginning of age interval x who will die before reaching the end of that age interval $x + n$.

For example, refer to the Table 2.1, the probability that a person of exact the age of 65th will die before reaching his 70th birthday, ${}_5q_{65}$ is 0.12394, that is, out of every 100,000 persons alive and exactly 65 years old, 12,394 will die before reaching their 70th birthday.

l_x Survivors at each exact age x , that is, the number of persons living at the beginning of an age interval x out of a total of births assumed to be 100,000 persons.

For example, refer to the Table 2.1, out of 100,000 newborn male babies, 74,950 persons would survive to exact the age of 65th years.

${}_nd_x$ The number of deaths between exact age x and exact age $x+n$, that is, the number of persons who would die within the indicated age interval x to $x+n$ out of the total number of births assumed in the table.

For example, refer to the Table 2.1 there would be 9,289 deaths for male between exact the ages of 65 years and 70 years to the initial cohort of 100,000 newborn male babies.

${}_nm_x$ Central mortality rate between exact age x and exact age $x+n$.

For example, refer to the Table 2.1, the central mortality rate for male between the age of 65 years and the age of 70 years is $9,289 / 351,526$ that is, 0.02643.

${}_nL_x$ The number of person-years lived (survivors) between exact age x and exact age $x+n$ by the cohort 100,000 births assumed.

For example, refer to the Table 2.1, the 100,000 newborn male babies would live 351,526 person-years between exact the ages of 65 years and 70 years. Out of 74,950 person who reach the age of 65 years, the 65,661 persons who survive to the age of 70 years would live 5 years each, that is, 328,305 person-years ($65,661 \times 5 = 328,305$ person-years) and 9,289 persons who die would each live varying periods of time less than 5 years, averaging about 2.5 years, that is, 23,222 person-years ($9,289 \times 2.5 = 23,222$).

${}_nS_x$ The proportion of survivors from age group x to $x+n$ to another age group $x+5$ to $x+5+n$.

For example, refer to the Table 2.1 the proportion of survivors for male from the age group of 65-69 to the age group of 70-74 is $297,867 / 351,526$ that is 0.84735.

T_x The total number of person-years to be lived after the beginning of exact age x by the cohort of 100,000 births assumed.

For example, refer to the Table 2.1, the 100,000 of newborn male babies would live 1,106,836 person-years after their 65th birthday.

e_x Life expectancy is the average remaining age (years) for a person is expected to live (survives) at the beginning of a certain age x if the age-specific death rates of the given period continued throughout his/ her lifetime.

For example, refer to the Table 2.1, males who reaches his 65th birthday is expected to live 14.8 years more.

6. NOTE AND SYMBOLS

p Preliminary

e Estimates

W.P. Wilayah Persekutuan

- Nil/ blank

PERTANYAAN BERHUBUNG DENGAN PENERBITAN INI BOLEH JUGA DIBUAT DI PEJABAT PERANGKAAN NEGERI SEPERTI BERIKUT:

Pengarah,
Jabatan Perangkaan Malaysia Negeri
Johor, Tingkat 14, Menara Tabung Haji,
Jalan Air Molek,
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