



KEMENTERIAN EKONOMI  
JABATAN PERANGKAAN MALAYSIA

# JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023

## *ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023*

### **Pemakluman**

Jabatan Perangkaan Malaysia (DOSM) sedang menjalankan Banci Ekonomi pada tahun 2023. DOSM amat menghargai kerjasama daripada responden dalam memberikan maklumat kepada DOSM serta menjayakan banci ini. Sila layari [www.dosm.gov.my](http://www.dosm.gov.my) untuk maklumat lanjut.

DOSM telah melancarkan OpenDOSM NextGen sebagai medium yang menyediakan katalog data dan visualisasi bagi memudahkan pengguna menganalisis pelbagai data. OpenDOSM NextGen ialah platform perkongsian data sumber terbuka dan boleh diakses melalui portal <https://open.dosm.gov.my>.

Kerajaan Malaysia telah mengisytiharkan Hari Statistik Negara (MyStats Day) pada 20 Oktober setiap tahun. Tema sambutan MyStats Day adalah "Statistik Nadi Kehidupan".

### **Announcement**

*The Department of Statistics Malaysia (DOSM) is conducting the Economic Census in 2023. DOSM greatly appreciates the cooperation of respondents in providing information and ensuring the success of this census. Please visit [www.dosm.gov.my](http://www.dosm.gov.my) for more information.*

*DOSM has launched OpenDOSM NextGen as a medium that provides a catalogue of data and visualisation to facilitate users in analysing various data. OpenDOSM NextGen is an open source data sharing platform and accessible through <https://open.dosm.gov.my> portal.*

*The Government of Malaysia has declared National Statistics Day (MyStats Day) on October 20 each year. MyStats Day theme is "Statistics is the Essence of Life".*

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"Sumber: Jabatan Perangkaan Malaysia".

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## KATA PENGANTAR

Jadual Hayat Ringkas, Malaysia, 2021-2023 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. Buat julung-julung kalinya penerbitan ini turut membentangkan jangkaan hayat ketika lahir mengikut jantina bagi 156 daerah pentadbiran. 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 serta jangkaan hayat ketika lahir mengikut daerah pentadbiran 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 2023

## PREFACE

*Abridged Life Tables, Malaysia, 2021-2023 contains abridged life tables by age group, ethnic group and sex at Malaysia and state levels. 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 widely used 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. For the first time this publication also presents life expectancy at birth by sex for 156 administrative districts. 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 levels as well as life expectancy at birth by administrative districts 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**

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*September 2023*

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# PENEMUAN UTAMA

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## *MAIN FINDINGS*



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# STATISTIK JANGKAAN HAYAT, MALAYSIA, 2023<sup>e</sup>

2013

**74.5**  
tahun

Jangkaan hayat ketika lahir  
meningkat **0.3 tahun** berbanding  
sedekad lalu

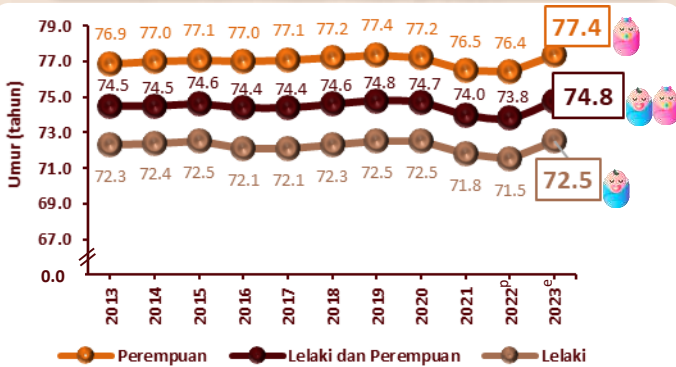
**74.8**  
tahun

2023<sup>e</sup>



01

## JANGKAAN HAYAT KETIKA LAHIR, 2013-2023<sup>e</sup>



Perempuan dijangka hidup lebih lama melebihi  
**4.9 tahun** daripada lelaki pada tahun **2023**

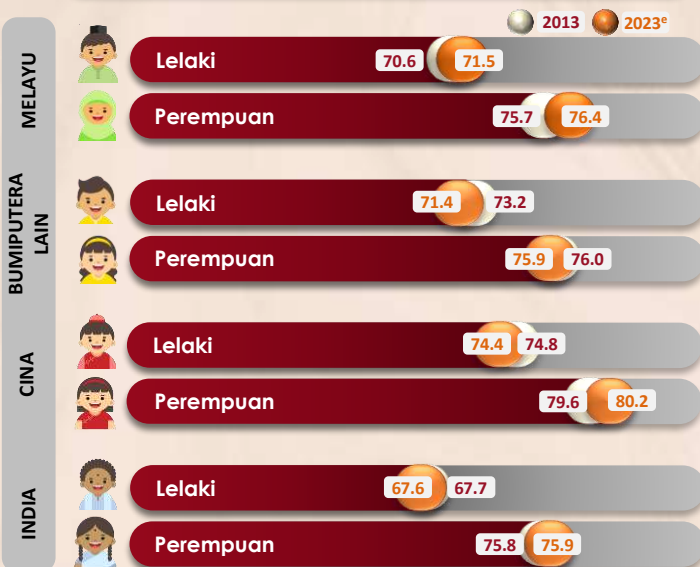
02

## JANGKAAN HAYAT KETIKA LAHIR MENGIKUT KEWARGANEGARAAN



03

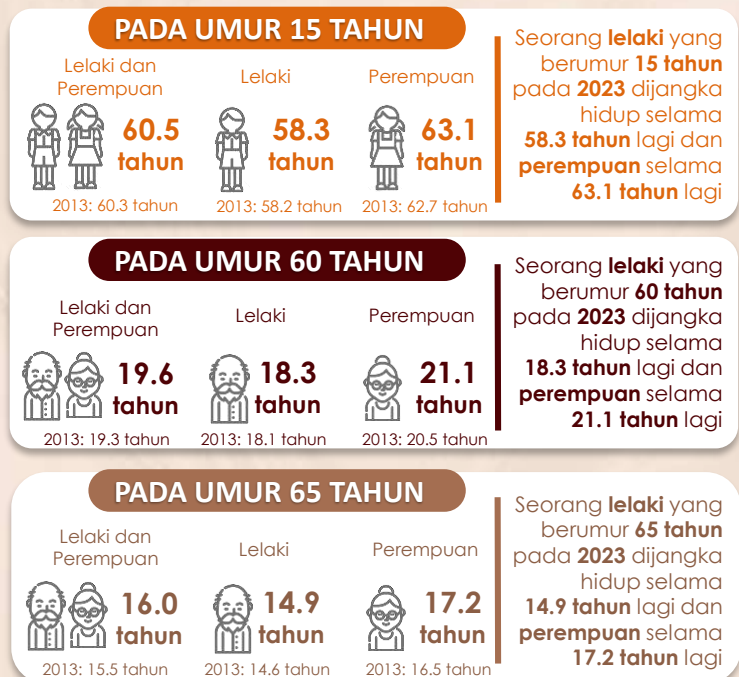
## JANGKAAN HAYAT KETIKA LAHIR MENGIKUT KUMPULAN ETNIK



Cina mencatatkan jangkaan hayat ketika lahir  
tertinggi pada 2023 berbanding etnik lain iaitu  
**74.4 tahun** (lelaki) dan **80.2 tahun** (perempuan)

04

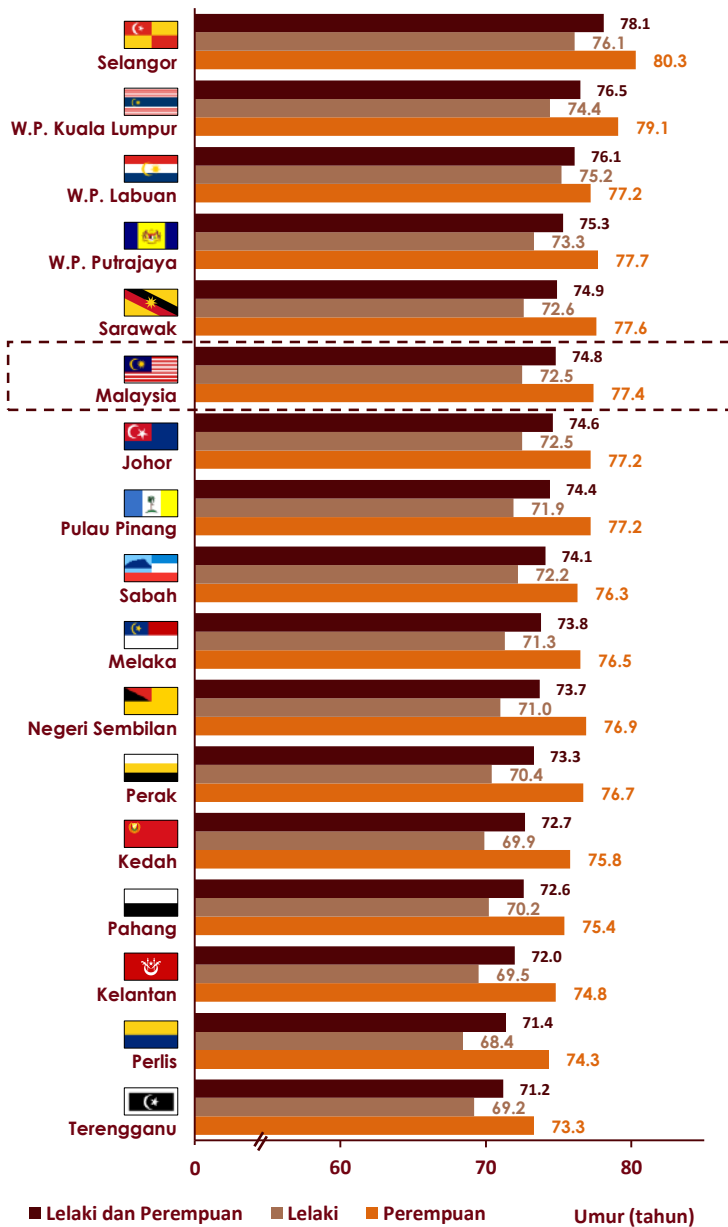
## JANGKAAN HAYAT PADA UMUR TERTENTU





05

JANGKAAN HAYAT KETIKA LAHIR  
MENGIKUT NEGERI, MALAYSIA, 2023<sup>e</sup>



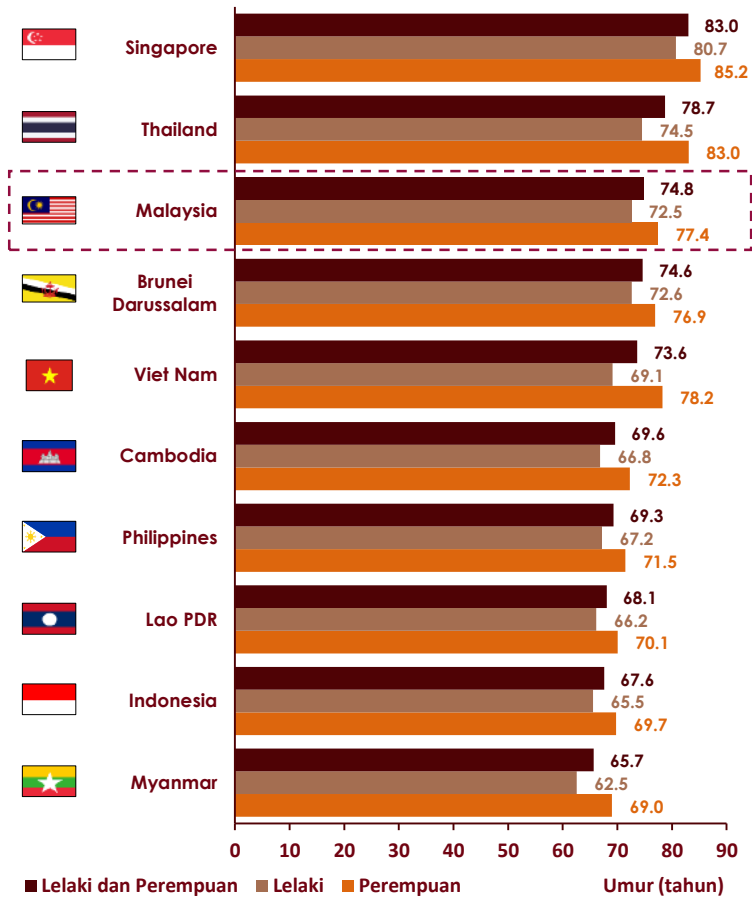
JANGKAAN HAYAT MENGIKUT NEGERI

Lima negeri mencatatkan jangkaan hayat melebihi jangkaan hayat paras nasional (74.8 tahun) iaitu **Selangor** (78.1 tahun), **W.P. Kuala Lumpur** (76.5 tahun), **W.P. Labuan** (76.1 tahun), **W.P. Putrajaya** (75.3 tahun) dan **Sarawak** (74.9 tahun)

Nota:  
<sup>e</sup> Anggaran  
<sup>a</sup> Statistik jangkaan hayat ketika lahir bagi negara ASEAN dan negara terpilih diperoleh melalui *World Development Indicators (WDI)*, dikemaskini Julai 2023 kecuali Malaysia dan Singapore (keluaran terkini).

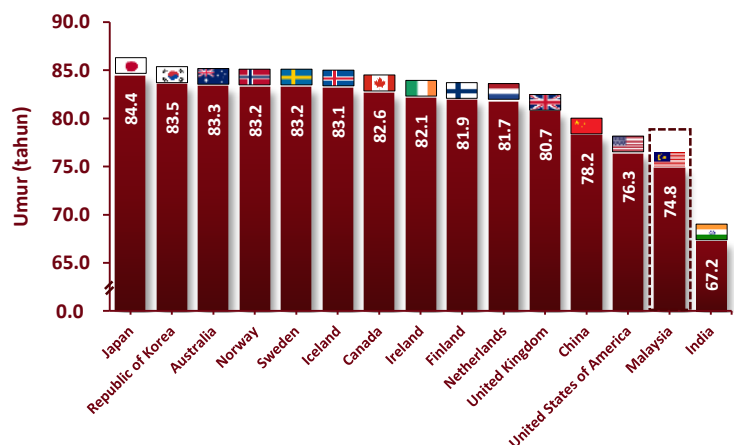
06

JANGKAAN HAYAT KETIKA LAHIR  
MENGIKUT NEGARA ASEAN, 2021<sup>a</sup>



07

JANGKAAN HAYAT KETIKA LAHIR  
MENGIKUT NEGARA TERPILIH, 2021<sup>a</sup>



Sumber: Jadual Hayat Ringkas, Malaysia, 2021-2023, Jabatan Perangkaan Malaysia (DOSM)



KEMENTERIAN EKONOMI  
JABATAN PERANGKAIAN MALAYSIA



08

## TIGA DAERAH PENTADBIRAN DENGAN JANGKAAN HAYAT KETIKA LAHIR TERTINGGI MENGIKUT NEGERI, MALAYSIA, 2023<sup>e</sup>



### JOHOR

1	Johor Bahru	77.2
2	Kulai	77.0
3	Muar	74.3



### KEDAH

1	Kulim	75.1
2	Kuala Muda	74.5
3	Yan	74.0



### KELANTAN

1	Kota Bharu	73.0
2	Bachok	72.3
3	Tumpat	72.2



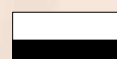
### MELAKA

1	Melaka Tengah	74.7
2	Alor Gajah	72.4
3	Jasin	72.2



### NEGERI SEMBILAN

1	Seremban	75.6
2	Rembau	73.0
3	Port Dickson	71.7



### PAHANG

1	Kuantan	75.9
2	Cameron Highlands	75.6
3	Bentong	72.9



### PERAK

1	Kinta	76.3
2	Muallim	74.6
3	Bagan Datuk	72.6



### PERLIS

1	Perlis	71.4
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### PULAU PINANG

1	Timur Laut	75.7
2	Barat Daya	74.7
3	Seberang Perai Tengah	74.2



### SABAH

1	Kalabakan	78.9
2	Tongod	78.1
3	Kinabatangan	77.7



### SARAWAK

1	Samarahan	80.2
2	Kuching	77.0
3	Bintulu	77.0



### SELANGOR

1	Petaling	80.5
2	Sepang	78.4
3	Ulu Langat	78.4



### TERENGGANU

1	Kuala Nerus	76.2
2	Marang	71.9
3	Hulu Terengganu	71.7



### W.P. KUALA LUMPUR

1	W.P. Kuala Lumpur	76.5
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### W.P. LABUAN

1	W.P. Labuan	76.1
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### W.P. PUTRAJAYA

1	W.P. Putrajaya	75.3
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Nota: <sup>e</sup> - Anggaran

Sumber: Jadual Hayat Ringkas, Malaysia, 2021-2023, Jabatan Perangkaan Malaysia (DOSM)



**09**

**JANGKAAN HAYAT KETIKA LAHIR MENGIKUT NEGERI, MALAYSIA, 2013-2023<sup>e</sup>**

**LELAKI DAN PEREMPUAN**

Negeri	Tahun										
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 <sup>p</sup>	2023 <sup>e</sup>
<b>Malaysia</b>	<b>74.5</b>	<b>74.5</b>	<b>74.6</b>	<b>74.4</b>	<b>74.4</b>	<b>74.6</b>	<b>74.8</b>	<b>74.7</b>	<b>74.0</b>	<b>73.8</b>	<b>74.8</b>
Johor	74.2	74.3	74.3	74.2	74.1	74.3	74.4	74.3	73.6	73.6	74.6
Kedah	73.0	73.1	73.1	72.9	73.0	73.1	73.4	73.1	72.2	71.7	72.7
Kelantan	71.9	71.9	72.0	72.0	72.2	72.4	72.6	72.2	71.6	71.3	72.0
Melaka	74.4	74.5	74.6	74.5	74.5	74.7	74.9	74.0	73.1	72.9	73.8
Negeri Sembilan	73.5	73.5	73.6	73.4	73.4	73.5	73.8	73.3	73.1	72.9	73.7
Pahang	73.0	73.1	73.2	73.3	73.4	73.6	73.9	72.9	72.6	72.5	72.6
Perak	73.8	74.0	74.0	74.0	73.9	74.0	74.2	73.7	73.3	73.1	73.3
Perlis	72.9	73.0	73.0	72.4	72.0	72.0	72.0	72.8	72.4	71.9	71.4
Pulau Pinang	74.7	74.8	74.8	74.8	74.9	75.2	75.5	74.2	73.7	73.5	74.4
Sabah	73.5	73.5	73.8	74.2	74.2	74.2	74.3	74.3	73.4	73.1	74.1
Sarawak	76.1	76.3	76.3	76.3	76.2	76.4	76.3	75.1	74.5	74.2	74.9
Selangor	75.1	75.1	75.1	75.1	75.1	75.4	75.7	77.4	76.4	76.4	78.1
Terengganu	71.3	71.3	71.4	71.6	71.8	72.1	72.2	71.7	71.3	71.0	71.2
W.P. Kuala Lumpur	76.0	76.1	76.2	76.6	76.5	76.7	76.9	76.4	75.1	75.0	76.5
W.P. Labuan	75.3	76.1	76.3	77.4	77.3	77.6	77.6	75.4	74.5	74.1	76.1
W.P. Putrajaya	71.7	71.7	72.1	72.3	72.2	73.3	73.8	74.5	74.6	74.5	75.3

**LELAKI**

Negeri	Tahun										
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 <sup>p</sup>	2023 <sup>e</sup>
<b>Malaysia</b>	<b>72.3</b>	<b>72.4</b>	<b>72.5</b>	<b>72.1</b>	<b>72.1</b>	<b>72.3</b>	<b>72.5</b>	<b>72.5</b>	<b>71.8</b>	<b>71.5</b>	<b>72.5</b>
Johor	72.0	72.1	72.1	71.9	71.8	72.0	72.1	72.1	71.5	71.5	72.5
Kedah	70.3	70.4	70.4	70.2	70.3	70.4	70.7	70.4	69.6	69.1	69.9
Kelantan	69.0	69.0	69.0	69.0	69.3	69.6	69.7	69.6	69.0	68.8	69.5
Melaka	71.9	72.0	72.1	71.9	71.8	72.0	72.2	71.8	70.8	70.5	71.3
Negeri Sembilan	70.9	71.0	71.0	70.6	70.5	70.6	70.9	70.4	70.7	70.3	71.0
Pahang	70.4	70.6	70.7	70.9	71.0	71.2	71.5	70.7	70.4	70.1	70.2
Perak	71.1	71.2	71.3	71.1	71.0	71.1	71.3	71.1	70.6	70.2	70.4
Perlis	70.3	70.3	70.3	70.0	69.4	69.2	69.3	70.2	69.6	68.9	68.4
Pulau Pinang	72.3	72.3	72.4	72.3	72.3	72.6	72.9	72.0	71.3	71.1	71.9
Sabah	71.9	72.0	72.2	72.6	72.5	72.6	72.5	72.6	71.7	71.3	72.2
Sarawak	74.4	74.5	74.6	74.5	74.4	74.6	74.5	72.9	72.1	71.8	72.6
Selangor	73.2	73.2	73.1	73.1	73.1	73.4	73.6	75.5	74.4	74.4	76.1
Terengganu	68.6	68.6	68.7	68.9	69.1	69.4	69.6	69.1	68.9	68.8	69.2
W.P. Kuala Lumpur	74.1	74.2	74.3	74.6	74.4	74.5	74.6	74.1	72.8	72.7	74.4
W.P. Labuan	73.8	74.7	74.7	76.2	76.0	76.2	76.3	73.6	72.9	72.4	75.2
W.P. Putrajaya	71.6	71.5	72.5	72.6	71.7	72.8	72.5	72.2	71.6	71.8	73.3

**PEREMPUAN**

Negeri	Tahun										
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 <sup>p</sup>	2023 <sup>e</sup>
<b>Malaysia</b>	<b>76.9</b>	<b>77.0</b>	<b>77.1</b>	<b>77.0</b>	<b>77.1</b>	<b>77.2</b>	<b>77.4</b>	<b>77.2</b>	<b>76.5</b>	<b>76.4</b>	<b>77.4</b>
Johor	76.8	76.9	77.0	76.9	76.9	77.1	77.3	76.9	76.2	76.1	77.2
Kedah	76.1	76.1	76.1	75.9	76.0	76.2	76.4	76.1	75.0	74.6	75.8
Kelantan	75.1	75.1	75.1	75.1	75.2	75.5	75.8	75.1	74.3	73.9	74.8
Melaka	77.2	77.3	77.4	77.2	77.5	77.6	77.8	76.4	75.6	75.5	76.5
Negeri Sembilan	76.4	76.4	76.6	76.7	76.8	76.9	77.0	76.4	75.9	76.0	76.9
Pahang	76.2	76.2	76.3	76.2	76.3	76.4	76.6	75.7	75.4	75.4	75.4
Perak	76.9	77.0	77.1	77.3	77.2	77.3	77.4	76.7	76.4	76.3	76.7
Perlis	75.8	75.8	75.9	75.0	74.8	74.8	74.9	75.6	75.4	75.1	74.3
Pulau Pinang	77.5	77.5	77.6	77.7	77.7	78.0	78.2	76.7	76.3	76.3	77.2
Sabah	75.4	75.4	75.8	76.2	76.3	76.1	76.3	76.4	75.5	75.1	76.3
Sarawak	78.2	78.3	78.3	78.3	78.2	78.4	78.4	77.6	77.2	77.0	77.6
Selangor	77.3	77.3	77.4	77.4	77.4	77.7	78.0	79.6	78.7	78.7	80.3
Terengganu	74.3	74.4	74.5	74.6	74.9	75.2	75.2	74.6	73.9	73.5	73.3
W.P. Kuala Lumpur	78.2	78.2	78.3	79.0	79.0	79.3	79.5	79.1	77.8	77.7	79.1
W.P. Labuan	77.1	77.7	78.1	78.7	78.7	79.0	79.0	77.3	76.2	75.9	77.2
W.P. Putrajaya	71.8	71.7	71.8	72.0	72.6	73.5	74.5	76.7	77.6	77.2	77.7

**Nota:**  
<sup>p</sup> - Permulaan Statistik jangkaan hayat bagi tahun 2020 hingga 2023 telah disemak semula berasaskan Banci Penduduk dan Perumahan Malaysia 2020 (Banci 2020) manakala statistik jangkaan hayat bagi tahun 2010 hingga 2019 adalah berasaskan Banci 2010 dan akan disemak semula.



**10a**

**PENDUDUK DAN INDIKATOR DEMOGRAFI**

Negeri	Penduduk (juta)										
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023 <sup>P</sup>
<b>Malaysia</b>	<b>30.2</b>	<b>30.7</b>	<b>31.2</b>	<b>31.6</b>	<b>32.0</b>	<b>32.4</b>	<b>32.5</b>	<b>32.4</b>	<b>32.6</b>	<b>32.7</b>	<b>33.4</b>
Johor	3.5	3.6	3.6	3.7	3.7	3.7	3.8	4.0	4.0	4.0	4.1
Kedah	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.1	2.2	2.2	2.2
Kelantan	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.8	1.8	1.8	1.9
Melaka	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0
Negeri Sembilan	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2
Pahang	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.6	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	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Pulau Pinang	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.7	1.7	1.7	1.8
Sabah	3.6	3.7	3.7	3.8	3.9	3.9	3.9	3.4	3.4	3.4	3.6
Sarawak	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.5	2.5	2.5	2.5
Selangor	5.9	6.1	6.2	6.3	6.4	6.5	6.5	7.0	7.1	7.0	7.2
Terengganu	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2
W.P. Kuala Lumpur	1.7	1.7	1.8	1.8	1.8	1.8	1.8	2.0	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)										
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<b>Malaysia</b>	<b>12.9</b>	<b>13.1</b>	<b>12.0</b>	<b>12.3</b>	<b>11.7</b>	<b>10.9</b>	<b>10.6</b>	<b>10.2</b>	<b>9.7</b>	<b>9.4</b>	<b>6.6</b>
Johor	12.2	12.5	11.4	11.9	11.5	10.9	10.9	10.7	10.2	9.0	5.7
Kedah	12.2	12.1	11.0	11.4	11.0	10.5	10.4	9.8	9.3	9.5	6.8
Kelantan	17.1	16.4	15.7	16.6	16.1	15.4	15.3	14.5	13.5	14.1	11.5
Melaka	11.2	11.5	10.4	11.3	10.8	10.2	9.7	9.7	9.3	8.4	6.1
Negeri Sembilan	11.3	11.4	10.5	11.4	10.8	10.2	9.8	9.7	9.1	8.4	6.3
Pahang	12.6	12.7	12.0	12.8	12.2	11.5	11.1	10.7	10.0	10.5	8.8
Perak	9.0	8.8	7.8	8.0	7.8	7.2	6.7	6.1	5.7	5.5	3.8
Perlis	10.6	10.4	9.5	11.6	10.3	10.0	9.7	9.2	8.1	7.6	6.4
Pulau Pinang	8.3	9.0	7.2	7.9	7.1	6.4	6.2	5.4	5.3	5.1	2.6
Sabah	14.0	14.6	13.4	12.3	11.3	10.3	10.1	10.0	9.8	10.2	6.7
Sarawak	12.8	12.4	11.0	11.0	10.2	9.3	8.9	8.2	8.1	8.7	5.5
Selangor	15.1	15.2	13.8	14.3	13.6	12.6	12.1	11.5	10.9	9.7	6.9
Terengganu	17.2	17.8	17.1	18.0	18.0	17.5	17.3	17.2	15.9	17.8	15.3
W.P. Kuala Lumpur	11.0	11.7	10.5	11.2	10.2	9.9	9.2	8.8	8.5	7.5	3.9
W.P. Labuan	17.0	16.9	16.4	17.0	17.9	15.2	14.7	14.2	13.9	14.7	10.5
W.P. Putrajaya	36.7	38.4	35.3	35.5	32.2	28.5	26.1	22.5	20.3	17.7	16.0

Negeri	Kadar Kelahiran Kasar (bagi setiap 1,000 penduduk)										
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<b>Malaysia</b>	<b>17.6</b>	<b>17.8</b>	<b>16.7</b>	<b>17.2</b>	<b>16.7</b>	<b>16.1</b>	<b>15.9</b>	<b>15.5</b>	<b>15.1</b>	<b>14.5</b>	<b>13.5</b>
Johor	17.1	17.5	16.5	17.0	16.8	16.3	16.5	16.3	16.0	14.2	12.4
Kedah	18.2	18.2	17.2	17.7	17.5	17.0	17.1	16.5	15.9	15.9	15.4
Kelantan	23.3	22.4	21.6	22.8	22.2	21.4	21.4	20.6	19.6	20.2	19.2
Melaka	16.8	16.9	16.0	16.7	16.4	16.0	15.8	15.6	15.2	13.9	13.1
Negeri Sembilan	16.9	16.9	16.3	17.3	16.9	16.4	16.2	16.2	15.5	14.3	13.9
Pahang	17.7	17.7	17.2	18.1	17.5	17.0	16.7	16.2	15.5	15.9	15.3
Perak	15.6	15.5	14.5	14.9	14.7	14.4	14.0	13.5	13.2	12.7	12.2
Perlis	17.5	17.3	16.7	18.4	17.4	17.5	17.6	17.2	16.0	14.4	14.2
Pulau Pinang	14.0	14.7	12.9	13.6	13.1	12.7	12.3	11.7	11.4	11.3	10.7
Sabah	16.4	16.9	15.7	15.6	14.7	13.7	13.6	13.6	13.6	14.5	12.2
Sarawak	17.2	16.8	15.3	15.4	14.7	13.9	13.6	13.1	13.1	14.4	12.7
Selangor	18.5	18.9	17.5	18.0	17.5	16.6	16.3	15.8	15.2	13.4	12.8
Terengganu	23.0	23.5	22.9	23.7	23.8	23.3	23.1	23.0	21.8	23.6	22.5
W.P. Kuala Lumpur	15.1	15.9	14.7	15.6	14.5	14.4	13.8	13.5	13.4	11.7	10.7
W.P. Labuan	19.4	19.6	19.1	19.9	20.5	18.1	17.3	17.1	16.9	18.0	15.9
W.P. Putrajaya	38.2	40.2	37.3	37.9	34.6	30.4	28.8	24.7	22.3	19.6	18.3

Nota: <sup>P</sup> - Permulaan  
Hasil tambah mungkin berbeza disebabkan oleh pembundaran

Sumber: Jadual Hayat Ringkas, Malaysia, 2021-2023, Jabatan Perangkaan Malaysia (DOSM)



10b

## PENDUDUK DAN INDIKATOR DEMOGRAFI

Negeri	Kadar Kesuburan Jumlah (bagi setiap perempuan berumur 15-49 tahun)										
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<b>Malaysia</b>	<b>2.2</b>	<b>2.2</b>	<b>2.0</b>	<b>2.1</b>	<b>2.0</b>	<b>1.9</b>	<b>1.9</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>1.7</b>
Johor	2.2	2.2	2.1	2.2	2.1	2.1	2.1	2.1	2.1	1.9	1.7
Kedah	2.6	2.6	2.4	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0
Kelantan	3.8	3.6	3.4	3.6	3.4	3.2	3.2	3.0	2.8	3.0	2.8
Melaka	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7
Negeri Sembilan	2.3	2.3	2.2	2.3	2.3	2.2	2.1	2.1	2.0	1.8	1.8
Pahang	2.5	2.5	2.4	2.5	2.4	2.3	2.2	2.1	2.0	2.2	2.2
Perak	2.4	2.3	2.2	2.2	2.1	2.0	1.9	1.9	1.8	1.9	1.8
Perlis	2.6	2.5	2.4	2.5	2.4	2.3	2.3	2.2	2.0	2.0	1.9
Pulau Pinang	1.6	1.7	1.5	1.6	1.5	1.4	1.4	1.3	1.3	1.3	1.2
Sabah	1.8	1.8	1.7	1.7	1.6	1.4	1.4	1.4	1.4	1.6	1.4
Sarawak	2.2	2.2	1.9	2.0	1.9	1.7	1.7	1.6	1.6	1.8	1.6
Selangor	2.0	2.0	1.8	1.9	1.8	1.7	1.7	1.7	1.6	1.6	1.5
Terengganu	3.5	3.5	3.3	3.4	3.4	3.2	3.2	3.1	2.9	3.2	3.0
W.P. Kuala Lumpur	1.6	1.6	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.3	1.2
W.P. Labuan	2.1	2.0	2.0	2.1	2.1	1.9	1.8	1.8	1.8	2.0	1.8
W.P. Putrajaya	2.7	2.9	2.6	2.8	2.7	2.6	2.6	2.6	3.3	1.8	1.9

Negeri	Kadar Kematian Kasar (bagi setiap 1,000 penduduk)										
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<b>Malaysia</b>	<b>4.7</b>	<b>4.7</b>	<b>4.7</b>	<b>4.9</b>	<b>5.0</b>	<b>5.1</b>	<b>5.3</b>	<b>5.3</b>	<b>5.4</b>	<b>5.1</b>	<b>6.9</b>
Johor	4.8	5.0	5.1	5.0	5.2	5.5	5.6	5.6	5.8	5.1	6.7
Kedah	6.0	6.1	6.1	6.3	6.5	6.5	6.7	6.7	6.6	6.4	8.6
Kelantan	6.2	6.0	6.0	6.1	6.1	6.0	6.1	6.1	6.1	6.1	7.7
Melaka	5.5	5.4	5.5	5.4	5.6	5.8	6.0	5.9	6.0	5.5	7.1
Negeri Sembilan	5.6	5.6	5.8	5.9	6.1	6.2	6.4	6.5	6.4	5.8	7.6
Pahang	5.1	5.0	5.2	5.2	5.3	5.5	5.6	5.6	5.5	5.5	6.5
Perak	6.7	6.8	6.7	6.9	7.0	7.2	7.2	7.4	7.5	7.2	8.5
Perlis	6.9	6.9	7.2	6.8	7.1	7.5	8.0	8.1	7.9	6.8	7.8
Pulau Pinang	5.7	5.6	5.7	5.8	6.0	6.2	6.2	6.4	6.2	6.1	8.0
Sabah	2.4	2.3	2.3	3.3	3.4	3.4	3.6	3.6	3.8	4.3	5.5
Sarawak	4.4	4.4	4.3	4.4	4.5	4.6	4.7	5.0	5.0	5.8	7.1
Selangor	3.5	3.7	3.7	3.7	3.9	4.1	4.2	4.2	4.3	3.6	6.0
Terengganu	5.8	5.6	5.8	5.7	5.8	5.8	5.8	5.8	5.9	5.9	7.2
W.P. Kuala Lumpur	4.1	4.1	4.2	4.4	4.3	4.5	4.6	4.7	5.0	4.2	6.8
W.P. Labuan	2.4	2.7	2.7	2.9	2.6	2.9	2.5	2.9	3.0	3.4	5.4
W.P. Putrajaya	1.5	1.8	2.1	2.4	2.3	1.9	2.6	2.2	2.0	1.9	2.3

Negeri	Kadar Mortaliti Neonatal (bagi setiap 1,000 kelahiran hidup)										
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<b>Malaysia</b>	<b>4.2</b>	<b>4.0</b>	<b>4.0</b>	<b>4.2</b>	<b>4.3</b>	<b>4.2</b>	<b>4.4</b>	<b>4.6</b>	<b>4.1</b>	<b>3.9</b>	<b>4.1</b>
Johor	3.9	4.4	4.1	4.0	4.7	4.8	4.5	4.3	3.9	4.2	4.4
Kedah	4.5	4.9	4.4	4.5	4.1	4.8	3.8	4.2	4.0	3.7	4.4
Kelantan	4.9	5.2	4.8	5.5	4.3	5.0	5.1	5.1	5.0	4.0	5.2
Melaka	5.7	4.7	3.6	3.7	3.2	4.2	4.2	4.9	4.5	4.8	4.7
Negeri Sembilan	4.1	4.8	4.7	4.4	4.8	4.3	5.7	6.1	5.2	4.1	4.3
Pahang	5.6	4.7	6.1	4.1	4.7	4.3	4.7	4.6	4.6	3.5	4.4
Perak	4.0	4.2	4.5	3.9	3.9	4.4	4.6	4.4	4.5	4.6	4.2
Perlis	6.2	4.1	7.7	4.9	5.3	3.9	2.5	6.4	4.4	6.6	5.2
Pulau Pinang	4.9	4.4	4.0	3.5	4.6	4.6	3.9	4.3	4.0	3.6	3.6
Sabah	2.0	2.1	2.0	5.4	7.1	3.3	6.1	6.3	4.0	5.7	5.6
Sarawak	4.2	3.8	3.4	3.7	3.4	3.5	4.2	3.8	3.2	3.4	3.1
Selangor	3.8	3.3	3.6	3.1	3.3	3.6	3.7	4.1	3.7	3.0	2.9
Terengganu	6.0	5.4	6.2	5.8	5.1	4.4	4.1	4.2	4.8	3.9	4.8
W.P. Kuala Lumpur	4.1	2.9	3.0	3.7	3.1	4.1	3.8	4.0	3.2	2.5	3.5
W.P. Labuan	6.9	5.1	6.3	5.3	5.6	5.1	4.2	7.1	4.2	5.3	5.3
W.P. Putrajaya	5.4	4.8	6.1	4.6	4.2	5.4	4.8	5.0	3.5	4.2	3.8

Sumber: Jadual Hayat Ringkas, Malaysia, 2021-2023, Jabatan Perangkaan Malaysia (DOSM)



**10c**

**PENDUDUK DAN INDIKATOR DEMOGRAFI**

Negeri	Kadar Mortaliti Kurang Daripada 5 tahun (bagi setiap 1,000 kelahiran hidup)										
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<b>Malaysia</b>	<b>8.0</b>	<b>7.6</b>	<b>7.9</b>	<b>8.3</b>	<b>8.4</b>	<b>8.1</b>	<b>8.4</b>	<b>8.8</b>	<b>8.1</b>	<b>7.3</b>	<b>7.4</b>
Johor	7.8	8.5	7.7	7.4	8.5	9.0	8.2	8.4	7.8	7.2	8.0
Kedah	7.8	8.5	8.3	7.9	7.8	8.6	7.3	8.0	8.1	6.4	7.0
Kelantan	9.7	9.9	9.3	10.1	8.1	9.5	9.3	8.9	9.1	7.3	8.2
Melaka	10.2	8.3	7.8	7.1	7.0	7.9	7.9	8.3	7.7	7.9	8.2
Negeri Sembilan	8.5	8.4	9.0	8.0	8.4	7.5	9.9	10.4	9.2	7.5	7.5
Pahang	11.7	10.7	11.5	9.4	9.7	9.2	9.3	9.0	9.2	7.1	7.1
Perak	8.2	8.4	9.0	7.8	8.1	8.6	8.5	8.4	8.9	7.8	7.1
Perlis	12.7	8.9	10.1	8.0	8.8	6.8	6.7	10.3	7.4	10.5	9.6
Pulau Pinang	8.5	7.7	7.3	7.0	7.5	8.0	7.0	7.6	6.5	6.2	6.2
Sabah	4.6	4.2	4.7	12.9	14.0	7.2	12.4	12.7	9.7	12.3	12.0
Sarawak	7.9	7.7	7.5	7.4	6.9	7.5	7.9	9.5	7.2	7.2	6.2
Selangor	7.0	6.5	7.4	6.5	6.5	7.4	7.2	7.8	7.5	5.6	5.5
Terengganu	10.9	9.3	11.0	9.6	9.6	8.6	7.5	7.3	8.2	6.9	7.6
W.P. Kuala Lumpur	7.6	5.6	6.0	7.1	6.5	7.4	7.7	7.3	6.0	4.8	6.2
W.P. Labuan	9.2	9.0	9.2	9.1	9.7	9.7	7.1	10.1	10.7	9.3	9.9
W.P. Putrajaya	9.1	10.8	11.1	12.7	9.4	10.9	9.1	11.3	9.5	7.5	6.2

Negeri	Nisbah Mortaliti Ibu Bersalin (bagi setiap 100,000 kelahiran hidup)										
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<b>Malaysia</b>	<b>26.2</b>	<b>23.2</b>	<b>21.4</b>	<b>22.3</b>	<b>23.8</b>	<b>29.1</b>	<b>25.0</b>	<b>23.5</b>	<b>21.0</b>	<b>24.8</b>	<b>68.2</b>
Johor	29.2	26.5	20.9	26.5	23.1	26.9	24.6	27.8	19.9	19.3	64.0
Kedah	25.0	19.2	11.4	27.4	35.3	13.9	27.3	25.3	17.4	3.0	81.7
Kelantan	31.8	13.5	33.0	28.0	20.5	26.0	25.6	18.2	24.4	35.8	74.8
Melaka	28.6	7.0	14.6	34.3	41.2	27.8	27.8	27.8	-	21.7	75.8
Negeri Sembilan	45.3	11.2	34.3	37.5	21.7	5.5	22.1	33.0	51.5	40.9	83.4
Pahang	40.6	32.8	18.5	24.4	10.7	36.2	29.0	33.3	19.3	23.7	20.4
Perak	24.0	23.9	22.6	13.7	33.1	28.0	20.1	23.6	21.2	19.0	64.9
Perlis	-	24.1	-	44.4	69.5	-	22.5	-	49.3	24.4	-
Pulau Pinang	13.4	21.0	14.0	17.5	27.0	50.5	41.9	19.3	29.7	35.6	107.7
Sabah	34.6	32.7	28.2	17.4	34.7	57.6	26.7	18.9	26.4	36.3	67.3
Sarawak	25.4	27.8	7.4	14.6	17.6	15.8	21.2	30.0	16.4	19.7	38.4
Selangor	21.2	17.6	26.2	17.4	19.4	29.6	24.0	19.6	17.2	24.6	88.8
Terengganu	20.2	27.2	27.5	33.3	18.1	21.8	21.5	10.6	18.5	22.1	30.4
W.P. Kuala Lumpur	15.7	37.1	11.8	18.5	3.9	27.2	24.3	41.3	20.9	30.2	57.0
W.P. Labuan	-	-	-	-	-	57.1	-	-	-	58.3	328.5
W.P. Putrajaya	-	-	-	65.3	69.7	-	-	-	-	-	47.5

Nota: - Tiada kes





# STATISTICS OF LIFE EXPECTANCY, MALAYSIA, 2023<sup>e</sup>

2013

**74.5 years**

Life expectancy at birth has increased **0.3 years** as compared to a decade ago

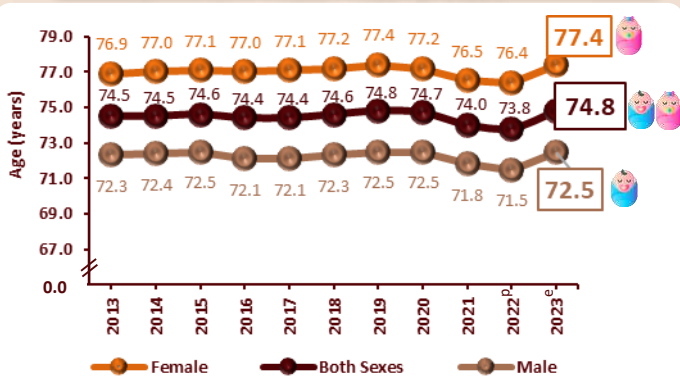
**74.8 years**

2023<sup>e</sup>



01

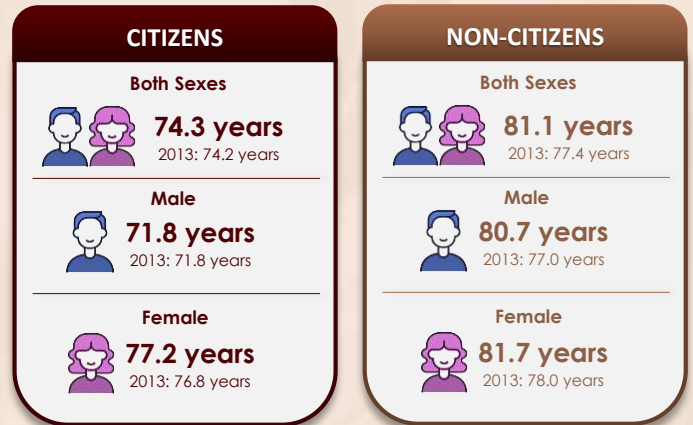
## LIFE EXPECTANCY AT BIRTH, 2013-2023<sup>e</sup>



In terms of life expectancy, females outlived males by **4.9 years** in 2023

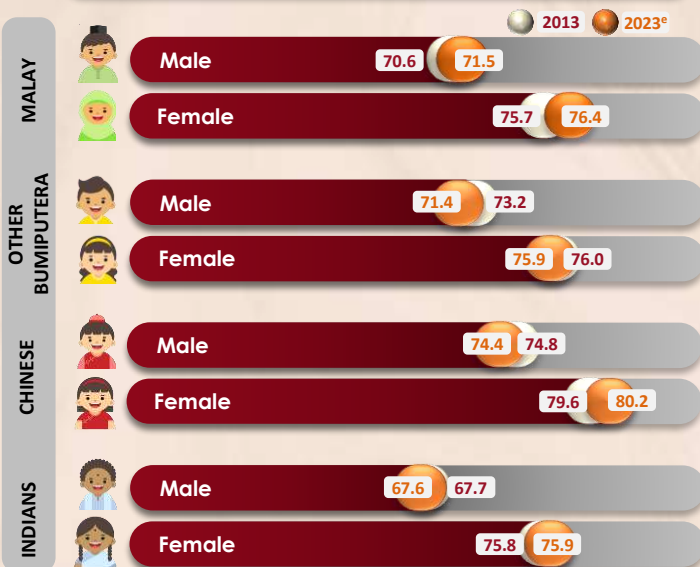
02

## LIFE EXPECTANCY AT BIRTH BY CITIZENSHIP



03

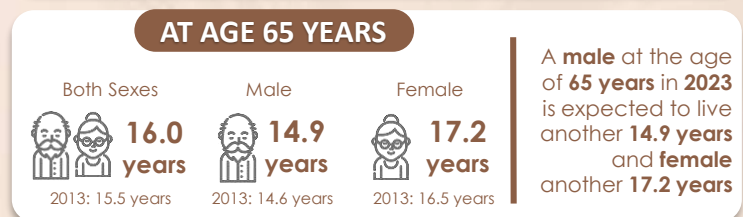
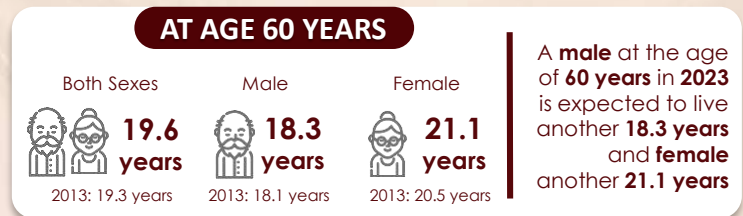
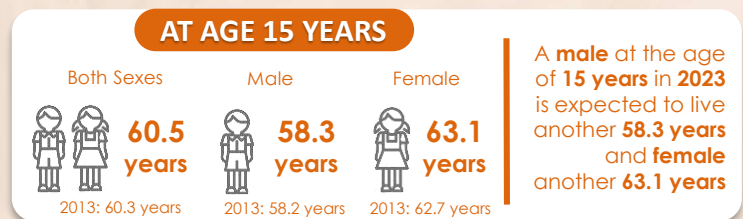
## LIFE EXPECTANCY AT BIRTH BY ETHNIC GROUP



Chinese recorded the **highest** life expectancy at birth in 2023 as compared to other ethnic groups with **74.4 years** (male) and **80.2 years** (female)

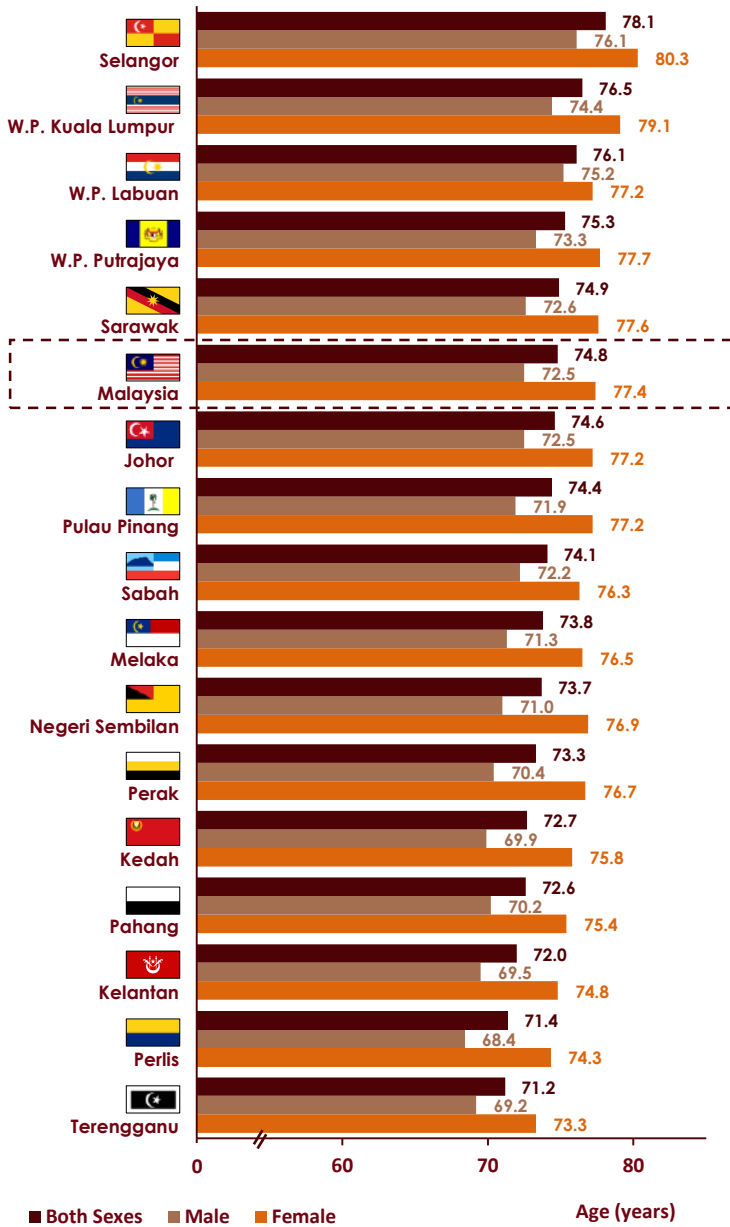
04

## LIFE EXPECTANCY AT SPECIFIC AGE



05

LIFE EXPECTANCY AT BIRTH BY STATE, MALAYSIA, 2023<sup>e</sup>

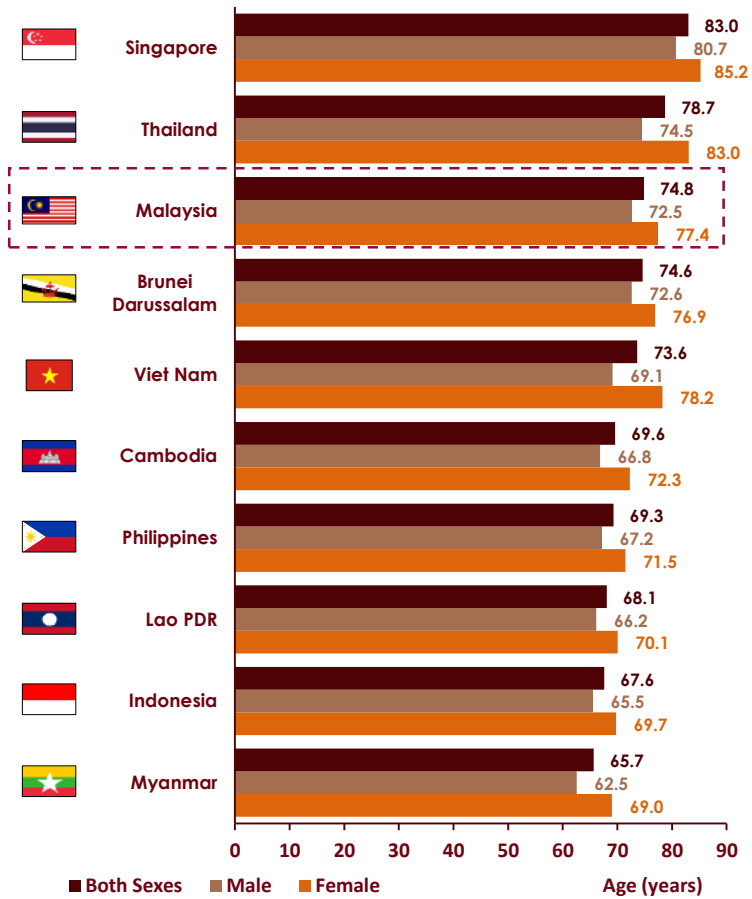


LIFE EXPECTANCY BY STATE

Five states recorded life expectancy above the national level (74.8 years) namely **Selangor** (78.1 years), **W.P. Kuala Lumpur** (76.5 years), **W.P. Labuan** (76.1 years), **W.P. Putrajaya** (75.3 years) and **Sarawak** (74.9 years)

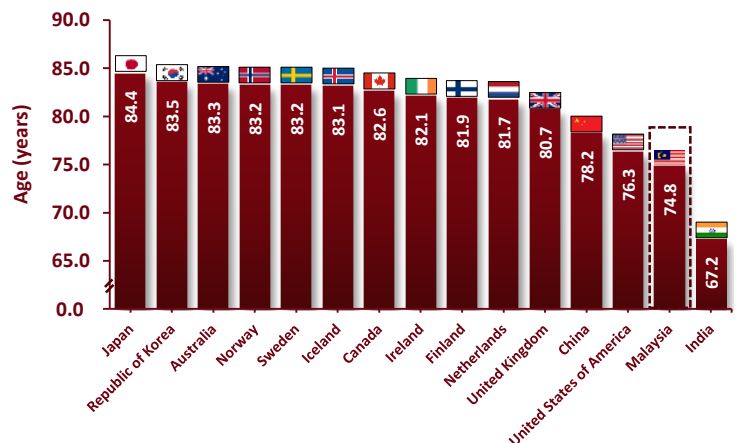
06

LIFE EXPECTANCY AT BIRTH BY ASEAN COUNTRIES, 2021<sup>a</sup>



07

LIFE EXPECTANCY AT BIRTH BY SELECTED COUNTRIES, 2021<sup>a</sup>



Notes:  
<sup>e</sup> Estimates  
<sup>a</sup> Statistics of life expectancy at birth for ASEAN and selected countries are obtained from the World Development Indicators (WDI), updated July 2023 except Malaysia and Singapore (latest release).

Source: Abridged Life Tables, Malaysia, 2021-2023, Department of Statistics Malaysia (DOSM)



08

THREE ADMINISTRATIVE DISTRICTS WITH THE HIGHEST LIFE EXPECTANCY AT BIRTH BY STATE, MALAYSIA, 2023<sup>e</sup>



JOHOR

1	Johor Bahru	77.2
2	Kulai	77.0
3	Muar	74.3



KEDAH

1	Kulim	75.1
2	Kuala Muda	74.5
3	Yan	74.0



KELANTAN

1	Kota Bharu	73.0
2	Bachok	72.3
3	Tumpat	72.2



MELAKA

1	Melaka Tengah	74.7
2	Alor Gajah	72.4
3	Jasin	72.2



NEGERI SEMBILAN

1	Seremban	75.6
2	Rembau	73.0
3	Port Dickson	71.7



PAHANG

1	Kuantan	75.9
2	Cameron Highlands	75.6
3	Bentong	72.9



PERAK

1	Kinta	76.3
2	Muallim	74.6
3	Bagan Datuk	72.6



PERLIS

1	Perlis	71.4
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PULAU PINANG

1	Timur Laut	75.7
2	Barat Daya	74.7
3	Seberang Perai Tengah	74.2



SABAH

1	Kalabakan	78.9
2	Tongod	78.1
3	Kinabatangan	77.7



SARAWAK

1	Samarahan	80.2
2	Kuching	77.0
3	Bintulu	77.0



SELANGOR

1	Petaling	80.5
2	Sepang	78.4
3	Ulu Langat	78.4



TERENGGANU

1	Kuala Nerus	76.2
2	Marang	71.9
3	Hulu Terengganu	71.7



W.P. KUALA LUMPUR

1	W.P. Kuala Lumpur	76.5
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W.P. LABUAN

1	W.P. Labuan	76.1
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W.P. PUTRAJAYA

1	W.P. Putrajaya	75.3
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Note: <sup>e</sup> - Estimates

Source: Abridged Life Tables, Malaysia, 2021-2023, Department of Statistics Malaysia (DOSM)



09

LIFE EXPECTANCY AT BIRTH BY STATE, MALAYSIA, 2013-2023<sup>e</sup>

State	Year											
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 <sup>p</sup>	2023 <sup>e</sup>	
<b>BOTH SEXES</b>												
<b>Malaysia</b>	74.5	74.5	74.6	74.4	74.4	74.6	74.8	74.7	74.0	73.8	74.8	
Johor	74.2	74.3	74.3	74.2	74.1	74.3	74.4	74.3	73.6	73.6	74.6	
Kedah	73.0	73.1	73.1	72.9	73.0	73.1	73.4	73.1	72.2	71.7	72.7	
Kelantan	71.9	71.9	72.0	72.0	72.2	72.4	72.6	72.2	71.6	71.3	72.0	
Melaka	74.4	74.5	74.6	74.5	74.5	74.7	74.9	74.0	73.1	72.9	73.8	
Negeri Sembilan	73.5	73.5	73.6	73.4	73.4	73.5	73.8	73.3	73.1	72.9	73.7	
Pahang	73.0	73.1	73.2	73.3	73.4	73.6	73.9	72.9	72.6	72.5	72.6	
Perak	73.8	74.0	74.0	74.0	73.9	74.0	74.2	73.7	73.3	73.1	73.3	
Perlis	72.9	73.0	73.0	72.4	72.0	72.0	72.0	72.8	72.4	71.9	71.4	
Pulau Pinang	74.7	74.8	74.8	74.8	74.9	75.2	75.5	74.2	73.7	73.5	74.4	
Sabah	73.5	73.5	73.8	74.2	74.2	74.2	74.2	74.3	73.4	73.1	74.1	
Sarawak	76.1	76.3	76.3	76.3	76.2	76.4	76.3	75.1	74.5	74.2	74.9	
Selangor	75.1	75.1	75.1	75.1	75.1	75.4	75.7	77.4	76.4	76.4	78.1	
Terengganu	71.3	71.3	71.4	71.6	71.8	72.1	72.2	71.7	71.3	71.0	71.2	
W.P. Kuala Lumpur	76.0	76.1	76.2	76.6	76.5	76.7	76.9	76.4	75.1	75.0	76.5	
W.P. Labuan	75.3	76.1	76.3	77.4	77.3	77.6	77.6	75.4	74.5	74.1	76.1	
W.P. Putrajaya	71.7	71.7	72.1	72.3	72.2	73.3	73.8	74.5	74.6	74.5	75.3	
<b>MALE</b>												
<b>Malaysia</b>	72.3	72.4	72.5	72.1	72.1	72.3	72.5	72.5	71.8	71.5	72.5	
Johor	72.0	72.1	72.1	71.9	71.8	72.0	72.1	72.1	71.5	71.5	72.5	
Kedah	70.3	70.4	70.4	70.2	70.3	70.4	70.7	70.4	69.6	69.1	69.9	
Kelantan	69.0	69.0	69.0	69.0	69.3	69.6	69.7	69.6	69.0	68.8	69.5	
Melaka	71.9	72.0	72.1	71.9	71.8	72.0	72.2	71.8	70.8	70.5	71.3	
Negeri Sembilan	70.9	71.0	71.0	70.6	70.5	70.6	70.9	70.4	70.7	70.3	71.0	
Pahang	70.4	70.6	70.7	70.9	71.0	71.2	71.5	70.7	70.4	70.1	70.2	
Perak	71.1	71.2	71.3	71.1	71.0	71.1	71.3	71.1	70.6	70.2	70.4	
Perlis	70.3	70.3	70.3	70.0	69.4	69.2	69.3	70.2	69.6	68.9	68.4	
Pulau Pinang	72.3	72.3	72.4	72.3	72.3	72.6	72.9	72.0	71.3	71.1	71.9	
Sabah	71.9	72.0	72.2	72.6	72.5	72.6	72.5	72.6	71.7	71.3	72.2	
Sarawak	74.4	74.5	74.6	74.5	74.4	74.6	74.5	72.9	72.1	71.8	72.6	
Selangor	73.2	73.2	73.1	73.1	73.1	73.4	73.6	75.5	74.4	74.4	76.1	
Terengganu	68.6	68.6	68.7	68.9	69.1	69.4	69.6	69.1	68.9	68.8	69.2	
W.P. Kuala Lumpur	74.1	74.2	74.3	74.6	74.4	74.5	74.6	74.1	72.8	72.7	74.4	
W.P. Labuan	73.8	74.7	74.7	76.2	76.0	76.2	76.3	73.6	72.9	72.4	75.2	
W.P. Putrajaya	71.6	71.5	72.5	72.6	71.7	72.8	72.5	72.2	71.6	71.8	73.3	
<b>FEMALE</b>												
<b>Malaysia</b>	76.9	77.0	77.1	77.0	77.1	77.2	77.4	77.2	76.5	76.4	77.4	
Johor	76.8	76.9	77.0	76.9	76.9	77.1	77.3	76.9	76.2	76.1	77.2	
Kedah	76.1	76.1	76.1	75.9	76.0	76.2	76.4	76.1	75.0	74.6	75.8	
Kelantan	75.1	75.1	75.1	75.1	75.2	75.5	75.8	75.1	74.3	73.9	74.8	
Melaka	77.2	77.3	77.4	77.2	77.5	77.6	77.8	76.4	75.6	75.5	76.5	
Negeri Sembilan	76.4	76.4	76.6	76.7	76.8	76.9	77.0	76.4	75.9	76.0	76.9	
Pahang	76.2	76.2	76.3	76.2	76.3	76.4	76.6	75.7	75.4	75.4	75.4	
Perak	76.9	77.0	77.1	77.3	77.2	77.3	77.4	76.7	76.4	76.3	76.7	
Perlis	75.8	75.8	75.9	75.0	74.8	74.8	74.9	75.6	75.4	75.1	74.3	
Pulau Pinang	77.5	77.5	77.6	77.7	77.7	78.0	78.2	76.7	76.3	76.3	77.2	
Sabah	75.4	75.4	75.8	76.2	76.3	76.1	76.3	76.4	75.5	75.1	76.3	
Sarawak	78.2	78.3	78.3	78.3	78.2	78.4	78.4	77.6	77.2	77.0	77.6	
Selangor	77.3	77.3	77.4	77.4	77.4	77.7	78.0	79.6	78.7	78.7	80.3	
Terengganu	74.3	74.4	74.5	74.6	74.9	75.2	75.2	74.6	73.9	73.5	73.3	
W.P. Kuala Lumpur	78.2	78.2	78.3	79.0	79.0	79.3	79.5	79.1	77.8	77.7	79.1	
W.P. Labuan	77.1	77.7	78.1	78.7	78.7	79.0	79.0	77.3	76.2	75.9	77.2	
W.P. Putrajaya	71.8	71.7	71.8	72.0	72.6	73.5	74.5	76.7	77.6	77.2	77.7	

Notes:

P - Preliminary  
e - Estimates  
The statistics of life expectancy for 2020 to 2023 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, 2021-2023, Department of Statistics Malaysia (DOSM)



**10a**

**POPULATION AND DEMOGRAPHIC INDICATORS**

State	Population (million)										
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023 <sup>P</sup>
<b>Malaysia</b>	<b>30.2</b>	<b>30.7</b>	<b>31.2</b>	<b>31.6</b>	<b>32.0</b>	<b>32.4</b>	<b>32.5</b>	<b>32.4</b>	<b>32.6</b>	<b>32.7</b>	<b>33.4</b>
Johor	3.5	3.6	3.6	3.7	3.7	3.7	3.8	4.0	4.0	4.0	4.1
Kedah	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.1	2.2	2.2	2.2
Kelantan	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.8	1.8	1.8	1.9
Melaka	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0
Negeri Sembilan	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2
Pahang	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.6	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	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Pulau Pinang	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.7	1.7	1.7	1.8
Sabah	3.6	3.7	3.7	3.8	3.9	3.9	3.9	3.4	3.4	3.4	3.6
Sarawak	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.5	2.5	2.5	2.5
Selangor	5.9	6.1	6.2	6.3	6.4	6.5	6.5	7.0	7.1	7.0	7.2
Terengganu	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2
W.P. Kuala Lumpur	1.7	1.7	1.8	1.8	1.8	1.8	1.8	2.0	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)										
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<b>Malaysia</b>	<b>12.9</b>	<b>13.1</b>	<b>12.0</b>	<b>12.3</b>	<b>11.7</b>	<b>10.9</b>	<b>10.6</b>	<b>10.2</b>	<b>9.7</b>	<b>9.4</b>	<b>6.6</b>
Johor	12.2	12.5	11.4	11.9	11.5	10.9	10.9	10.7	10.2	9.0	5.7
Kedah	12.2	12.1	11.0	11.4	11.0	10.5	10.4	9.8	9.3	9.5	6.8
Kelantan	17.1	16.4	15.7	16.6	16.1	15.4	15.3	14.5	13.5	14.1	11.5
Melaka	11.2	11.5	10.4	11.3	10.8	10.2	9.7	9.7	9.3	8.4	6.1
Negeri Sembilan	11.3	11.4	10.5	11.4	10.8	10.2	9.8	9.7	9.1	8.4	6.3
Pahang	12.6	12.7	12.0	12.8	12.2	11.5	11.1	10.7	10.0	10.5	8.8
Perak	9.0	8.8	7.8	8.0	7.8	7.2	6.7	6.1	5.7	5.5	3.8
Perlis	10.6	10.4	9.5	11.6	10.3	10.0	9.7	9.2	8.1	7.6	6.4
Pulau Pinang	8.3	9.0	7.2	7.9	7.1	6.4	6.2	5.4	5.3	5.1	2.6
Sabah	14.0	14.6	13.4	12.3	11.3	10.3	10.1	10.0	9.8	10.2	6.7
Sarawak	12.8	12.4	11.0	11.0	10.2	9.3	8.9	8.2	8.1	8.7	5.5
Selangor	15.1	15.2	13.8	14.3	13.6	12.6	12.1	11.5	10.9	9.7	6.9
Terengganu	17.2	17.8	17.1	18.0	18.0	17.5	17.3	17.2	15.9	17.8	15.3
W.P. Kuala Lumpur	11.0	11.7	10.5	11.2	10.2	9.9	9.2	8.8	8.5	7.5	3.9
W.P. Labuan	17.0	16.9	16.4	17.0	17.9	15.2	14.7	14.2	13.9	14.7	10.5
W.P. Putrajaya	36.7	38.4	35.3	35.5	32.2	28.5	26.1	22.5	20.3	17.7	16.0

State	Crude Birth Rate (per 1,000 population)										
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<b>Malaysia</b>	<b>17.6</b>	<b>17.8</b>	<b>16.7</b>	<b>17.2</b>	<b>16.7</b>	<b>16.1</b>	<b>15.9</b>	<b>15.5</b>	<b>15.1</b>	<b>14.5</b>	<b>13.5</b>
Johor	17.1	17.5	16.5	17.0	16.8	16.3	16.5	16.3	16.0	14.2	12.4
Kedah	18.2	18.2	17.2	17.7	17.5	17.0	17.1	16.5	15.9	15.9	15.4
Kelantan	23.3	22.4	21.6	22.8	22.2	21.4	21.4	20.6	19.6	20.2	19.2
Melaka	16.8	16.9	16.0	16.7	16.4	16.0	15.8	15.6	15.2	13.9	13.1
Negeri Sembilan	16.9	16.9	16.3	17.3	16.9	16.4	16.2	16.2	15.5	14.3	13.9
Pahang	17.7	17.7	17.2	18.1	17.5	17.0	16.7	16.2	15.5	15.9	15.3
Perak	15.6	15.5	14.5	14.9	14.7	14.4	14.0	13.5	13.2	12.7	12.2
Perlis	17.5	17.3	16.7	18.4	17.4	17.5	17.6	17.2	16.0	14.4	14.2
Pulau Pinang	14.0	14.7	12.9	13.6	13.1	12.7	12.3	11.7	11.4	11.3	10.7
Sabah	16.4	16.9	15.7	15.6	14.7	13.7	13.6	13.6	13.6	14.5	12.2
Sarawak	17.2	16.8	15.3	15.4	14.7	13.9	13.6	13.1	13.1	14.4	12.7
Selangor	18.5	18.9	17.5	18.0	17.5	16.6	16.3	15.8	15.2	13.4	12.8
Terengganu	23.0	23.5	22.9	23.7	23.8	23.3	23.1	23.0	21.8	23.6	22.5
W.P. Kuala Lumpur	15.1	15.9	14.7	15.6	14.5	14.4	13.8	13.5	13.4	11.7	10.7
W.P. Labuan	19.4	19.6	19.1	19.9	20.5	18.1	17.3	17.1	16.9	18.0	15.9
W.P. Putrajaya	38.2	40.2	37.3	37.9	34.6	30.4	28.8	24.7	22.3	19.6	18.3

Notes: P - Preliminary  
The added total may differ due to rounding

Source: Abridged Life Tables, Malaysia, 2021-2023, Department of Statistics Malaysia (DOSM)



**10b**

**POPULATION AND DEMOGRAPHIC INDICATORS**

State	Total Fertility Rate (per woman aged 15-49 years)										
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<b>Malaysia</b>	<b>2.2</b>	<b>2.2</b>	<b>2.0</b>	<b>2.1</b>	<b>2.0</b>	<b>1.9</b>	<b>1.9</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>1.7</b>
Johor	2.2	2.2	2.1	2.2	2.1	2.1	2.1	2.1	2.1	1.9	1.7
Kedah	2.6	2.6	2.4	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0
Kelantan	3.8	3.6	3.4	3.6	3.4	3.2	3.2	3.0	2.8	3.0	2.8
Melaka	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7
Negeri Sembilan	2.3	2.3	2.2	2.3	2.3	2.2	2.1	2.1	2.0	1.8	1.8
Pahang	2.5	2.5	2.4	2.5	2.4	2.3	2.2	2.1	2.0	2.2	2.2
Perak	2.4	2.3	2.2	2.2	2.1	2.0	1.9	1.9	1.8	1.9	1.8
Perlis	2.6	2.5	2.4	2.5	2.4	2.3	2.3	2.2	2.0	2.0	1.9
Pulau Pinang	1.6	1.7	1.5	1.6	1.5	1.4	1.4	1.3	1.3	1.3	1.2
Sabah	1.8	1.8	1.7	1.7	1.6	1.4	1.4	1.4	1.4	1.6	1.4
Sarawak	2.2	2.2	1.9	2.0	1.9	1.7	1.7	1.6	1.6	1.8	1.6
Selangor	2.0	2.0	1.8	1.9	1.8	1.7	1.7	1.7	1.6	1.6	1.5
Terengganu	3.5	3.5	3.3	3.4	3.4	3.2	3.2	3.1	2.9	3.2	3.0
W.P. Kuala Lumpur	1.6	1.6	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.3	1.2
W.P. Labuan	2.1	2.0	2.0	2.1	2.1	1.9	1.8	1.8	1.8	2.0	1.8
W.P. Putrajaya	2.7	2.9	2.6	2.8	2.7	2.6	2.6	2.6	3.3	1.8	1.9

State	Crude Death Rate (per 1,000 population)										
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<b>Malaysia</b>	<b>4.7</b>	<b>4.7</b>	<b>4.7</b>	<b>4.9</b>	<b>5.0</b>	<b>5.1</b>	<b>5.3</b>	<b>5.3</b>	<b>5.4</b>	<b>5.1</b>	<b>6.9</b>
Johor	4.8	5.0	5.1	5.0	5.2	5.5	5.6	5.6	5.8	5.1	6.7
Kedah	6.0	6.1	6.1	6.3	6.5	6.5	6.7	6.7	6.6	6.4	8.6
Kelantan	6.2	6.0	6.0	6.1	6.1	6.0	6.1	6.1	6.1	6.1	7.7
Melaka	5.5	5.4	5.5	5.4	5.6	5.8	6.0	5.9	6.0	5.5	7.1
Negeri Sembilan	5.6	5.6	5.8	5.9	6.1	6.2	6.4	6.5	6.4	5.8	7.6
Pahang	5.1	5.0	5.2	5.2	5.3	5.5	5.6	5.6	5.5	5.5	6.5
Perak	6.7	6.8	6.7	6.9	7.0	7.2	7.2	7.4	7.5	7.2	8.5
Perlis	6.9	6.9	7.2	6.8	7.1	7.5	8.0	8.1	7.9	6.8	7.8
Pulau Pinang	5.7	5.6	5.7	5.8	6.0	6.2	6.2	6.4	6.2	6.1	8.0
Sabah	2.4	2.3	2.3	3.3	3.4	3.4	3.6	3.6	3.8	4.3	5.5
Sarawak	4.4	4.4	4.3	4.4	4.5	4.6	4.7	5.0	5.0	5.8	7.1
Selangor	3.5	3.7	3.7	3.7	3.9	4.1	4.2	4.2	4.3	3.6	6.0
Terengganu	5.8	5.6	5.8	5.7	5.8	5.8	5.8	5.8	5.9	5.9	7.2
W.P. Kuala Lumpur	4.1	4.1	4.2	4.4	4.3	4.5	4.6	4.7	5.0	4.2	6.8
W.P. Labuan	2.4	2.7	2.7	2.9	2.6	2.9	2.5	2.9	3.0	3.4	5.4
W.P. Putrajaya	1.5	1.8	2.1	2.4	2.3	1.9	2.6	2.2	2.0	1.9	2.3

State	Neonatal Mortality Rate (per 1,000 live births)										
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<b>Malaysia</b>	<b>4.2</b>	<b>4.0</b>	<b>4.0</b>	<b>4.2</b>	<b>4.3</b>	<b>4.2</b>	<b>4.4</b>	<b>4.6</b>	<b>4.1</b>	<b>3.9</b>	<b>4.1</b>
Johor	3.9	4.4	4.1	4.0	4.7	4.8	4.5	4.3	3.9	4.2	4.4
Kedah	4.5	4.9	4.4	4.5	4.1	4.8	3.8	4.2	4.0	3.7	4.4
Kelantan	4.9	5.2	4.8	5.5	4.3	5.0	5.1	5.1	5.0	4.0	5.2
Melaka	5.7	4.7	3.6	3.7	3.2	4.2	4.2	4.9	4.5	4.8	4.7
Negeri Sembilan	4.1	4.8	4.7	4.4	4.8	4.3	5.7	6.1	5.2	4.1	4.3
Pahang	5.6	4.7	6.1	4.1	4.7	4.3	4.7	4.6	4.6	3.5	4.4
Perak	4.0	4.2	4.5	3.9	3.9	4.4	4.6	4.4	4.5	4.6	4.2
Perlis	6.2	4.1	7.7	4.9	5.3	3.9	2.5	6.4	4.4	6.6	5.2
Pulau Pinang	4.9	4.4	4.0	3.5	4.6	4.6	3.9	4.3	4.0	3.6	3.6
Sabah	2.0	2.1	2.0	5.4	7.1	3.3	6.1	6.3	4.0	5.7	5.6
Sarawak	4.2	3.8	3.4	3.7	3.4	3.5	4.2	3.8	3.2	3.4	3.1
Selangor	3.8	3.3	3.6	3.1	3.3	3.6	3.7	4.1	3.7	3.0	2.9
Terengganu	6.0	5.4	6.2	5.8	5.1	4.4	4.1	4.2	4.8	3.9	4.8
W.P. Kuala Lumpur	4.1	2.9	3.0	3.7	3.1	4.1	3.8	4.0	3.2	2.5	3.5
W.P. Labuan	6.9	5.1	6.3	5.3	5.6	5.1	4.2	7.1	4.2	5.3	5.3
W.P. Putrajaya	5.4	4.8	6.1	4.6	4.2	5.4	4.8	5.0	3.5	4.2	3.8

Source: Abridged Life Tables, Malaysia, 2021-2023, Department of Statistics Malaysia (DOSM)

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POPULATION AND DEMOGRAPHIC INDICATORS

State	Under-5 Mortality Rate (per 1,000 live births)										
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<b>Malaysia</b>	<b>8.0</b>	<b>7.6</b>	<b>7.9</b>	<b>8.3</b>	<b>8.4</b>	<b>8.1</b>	<b>8.4</b>	<b>8.8</b>	<b>8.1</b>	<b>7.3</b>	<b>7.4</b>
Johor	7.8	8.5	7.7	7.4	8.5	9.0	8.2	8.4	7.8	7.2	8.0
Kedah	7.8	8.5	8.3	7.9	7.8	8.6	7.3	8.0	8.1	6.4	7.0
Kelantan	9.7	9.9	9.3	10.1	8.1	9.5	9.3	8.9	9.1	7.3	8.2
Melaka	10.2	8.3	7.8	7.1	7.0	7.9	7.9	8.3	7.7	7.9	8.2
Negeri Sembilan	8.5	8.4	9.0	8.0	8.4	7.5	9.9	10.4	9.2	7.5	7.5
Pahang	11.7	10.7	11.5	9.4	9.7	9.2	9.3	9.0	9.2	7.1	7.1
Perak	8.2	8.4	9.0	7.8	8.1	8.6	8.5	8.4	8.9	7.8	7.1
Perlis	12.7	8.9	10.1	8.0	8.8	6.8	6.7	10.3	7.4	10.5	9.6
Pulau Pinang	8.5	7.7	7.3	7.0	7.5	8.0	7.0	7.6	6.5	6.2	6.2
Sabah	4.6	4.2	4.7	12.9	14.0	7.2	12.4	12.7	9.7	12.3	12.0
Sarawak	7.9	7.7	7.5	7.4	6.9	7.5	7.9	9.5	7.2	7.2	6.2
Selangor	7.0	6.5	7.4	6.5	6.5	7.4	7.2	7.8	7.5	5.6	5.5
Terengganu	10.9	9.3	11.0	9.6	9.6	8.6	7.5	7.3	8.2	6.9	7.6
W.P. Kuala Lumpur	7.6	5.6	6.0	7.1	6.5	7.4	7.7	7.3	6.0	4.8	6.2
W.P. Labuan	9.2	9.0	9.2	9.1	9.7	9.7	7.1	10.1	10.7	9.3	9.9
W.P. Putrajaya	9.1	10.8	11.1	12.7	9.4	10.9	9.1	11.3	9.5	7.5	6.2

State	Maternal Mortality Ratio (per 100,000 live births)										
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<b>Malaysia</b>	<b>26.2</b>	<b>23.2</b>	<b>21.4</b>	<b>22.3</b>	<b>23.8</b>	<b>29.1</b>	<b>25.0</b>	<b>23.5</b>	<b>21.0</b>	<b>24.8</b>	<b>68.2</b>
Johor	29.2	26.5	20.9	26.5	23.1	26.9	24.6	27.8	19.9	19.3	64.0
Kedah	25.0	19.2	11.4	27.4	35.3	13.9	27.3	25.3	17.4	3.0	81.7
Kelantan	31.8	13.5	33.0	28.0	20.5	26.0	25.6	18.2	24.4	35.8	74.8
Melaka	28.6	7.0	14.6	34.3	41.2	27.8	27.8	27.8	-	21.7	75.8
Negeri Sembilan	45.3	11.2	34.3	37.5	21.7	5.5	22.1	33.0	51.5	40.9	83.4
Pahang	40.6	32.8	18.5	24.4	10.7	36.2	29.0	33.3	19.3	23.7	20.4
Perak	24.0	23.9	22.6	13.7	33.1	28.0	20.1	23.6	21.2	19.0	64.9
Perlis	-	24.1	-	44.4	69.5	-	22.5	-	49.3	24.4	-
Pulau Pinang	13.4	21.0	14.0	17.5	27.0	50.5	41.9	19.3	29.7	35.6	107.7
Sabah	34.6	32.7	28.2	17.4	34.7	57.6	26.7	18.9	26.4	36.3	67.3
Sarawak	25.4	27.8	7.4	14.6	17.6	15.8	21.2	30.0	16.4	19.7	38.4
Selangor	21.2	17.6	26.2	17.4	19.4	29.6	24.0	19.6	17.2	24.6	88.8
Terengganu	20.2	27.2	27.5	33.3	18.1	21.8	21.5	10.6	18.5	22.1	30.4
W.P. Kuala Lumpur	15.7	37.1	11.8	18.5	3.9	27.2	24.3	41.3	20.9	30.2	57.0
W.P. Labuan	-	-	-	-	-	57.1	-	-	-	58.3	328.5
W.P. Putrajaya	-	-	-	65.3	69.7	-	-	-	-	-	47.5

Note: - No cases



Source: Abridged Life Tables, Malaysia, 2021-2023, Department of Statistics Malaysia (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT MENGIKUT NEGERI



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# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## MALAYSIA

### LELAKI DAN PEREMPUAN

2013  
**74.5**  
tahun

2023<sup>e</sup>  
**74.8**  
tahun



### LELAKI

2013  
**72.3**  
tahun

2023<sup>e</sup>  
**72.5**  
tahun



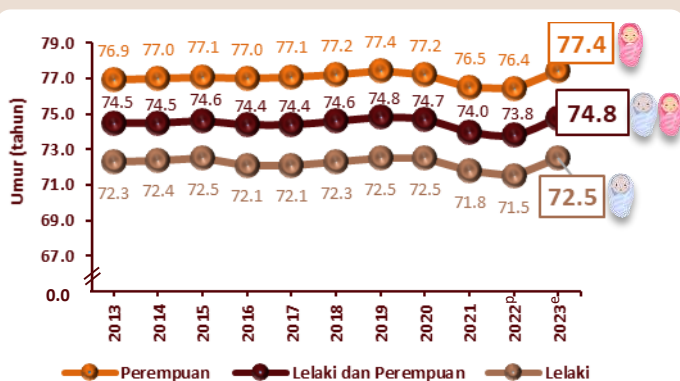
### PEREMPUAN

2013  
**76.9**  
tahun

2023<sup>e</sup>  
**77.4**  
tahun



## JANGKAAN HAYAT KETIKA LAHIR, 2013 - 2023<sup>e</sup>



### PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2023 dijangka boleh hidup sehingga **77.4 tahun** manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **72.5 tahun**.

Bagi tempoh 2013 hingga 2019 (6 tahun), **jangkaan hayat ketika lahir meningkat 0.3 tahun** dengan lelaki meningkat **0.2 tahun** dan perempuan, **0.5 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 1.0 tahun** manakala **perempuan menurun 0.8 tahun**. Pada tahun 2023, **jangkaan hayat ketika lahir mencatatkan peningkatan 1.0 tahun** berbanding 2022. Peningkatan jangkaan hayat ini disebabkan jumlah kematian pada tahun 2023 telah bertambah baik berbanding 2021 dan 2022 yang mana berlakunya lebih kematian semasa pandemik COVID-19.

## JANGKAAN HAYAT PADA UMUR TERTENTU, 2023<sup>e</sup>

### KETIKA LAHIR

Lelaki  
**72.5**  
tahun

Perempuan  
**77.4**  
tahun

2013: 72.3 tahun      2013: 76.9 tahun

Seorang **bayi lelaki** yang lahir pada **2023** dijangka hidup sehingga **72.5 tahun** dan **bayi perempuan** sehingga **77.4 tahun**

### PADA UMUR 15 TAHUN

Lelaki  
**58.3**  
tahun

Perempuan  
**63.1**  
tahun

2013: 58.2 tahun      2013: 62.7 tahun

Seorang **lelaki** yang berumur **15 tahun** pada **2023** dijangka hidup selama **58.3 tahun** lagi dan **perempuan** selama **63.1 tahun** lagi

### PADA UMUR 60 TAHUN

Lelaki  
**18.3**  
tahun

Perempuan  
**21.1**  
tahun

2013: 18.1 tahun      2013: 20.5 tahun

Seorang **lelaki** yang berumur **60 tahun** pada **2023** dijangka hidup selama **18.3 tahun** lagi dan **perempuan** selama **21.1 tahun** lagi

### PADA UMUR 65 TAHUN

Lelaki  
**14.9**  
tahun

Perempuan  
**17.2**  
tahun

2013: 14.6 tahun      2013: 16.5 tahun

Seorang **lelaki** yang berumur **65 tahun** pada **2023** dijangka hidup selama **14.9 tahun** lagi dan **perempuan** selama **17.2 tahun** lagi

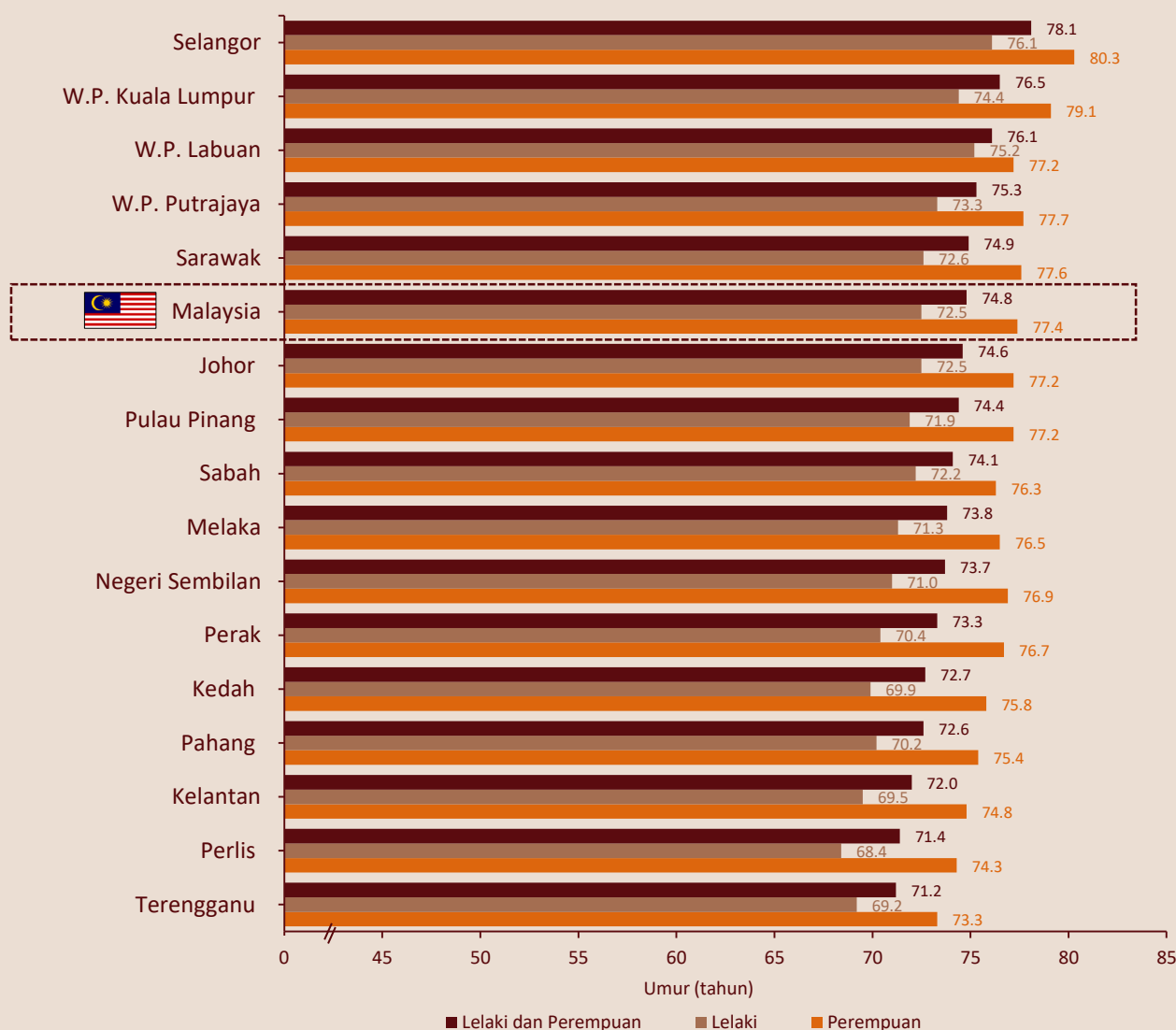
Nota: <sup>p</sup> Permulaan <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## JANGKAAN HAYAT KETIKA LAHIR MENGIKUT NEGERI, MALAYSIA, 2023<sup>e</sup>



### JANGKAAN HAYAT KETIKA LAHIR MENGIKUT NEGERI

Lima negeri mencatatkan jangkaan hayat melebihi jangkaan hayat paras nasional (74.8 tahun) iaitu **Selangor** (78.1 tahun), **W.P. Kuala Lumpur** (76.5 tahun), **W.P. Labuan** (76.1 tahun), **W.P. Putrajaya** (75.3 tahun) dan **Sarawak** (74.9 tahun)

Nota: <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## INDIKATOR DEMOGRAFI MENGIKUT NEGERI, MALAYSIA

Negeri	Penduduk			Kematian			Kelahiran Hidup		
	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan
Malaysia	33,379,493	17,459,997	15,919,496	224,569	127,824	96,745	439,744	226,896	212,848
Johor	4,100,886	2,188,432	1,912,454	26,951	15,549	11,402	49,990	25,708	24,282
Kedah	2,187,484	1,115,176	1,072,308	18,457	10,068	8,389	33,040	17,032	16,008
Kelantan	1,857,611	932,832	924,779	13,926	7,605	6,321	34,764	17,868	16,896
Melaka	1,027,500	541,454	486,046	7,083	3,921	3,162	13,192	6,812	6,380
Negeri Sembilan	1,224,310	635,206	589,104	9,165	5,206	3,959	16,777	8,723	8,054
Pahang	1,642,734	872,710	770,024	10,366	6,109	4,257	24,507	12,624	11,883
Perak	2,540,371	1,322,839	1,217,532	21,303	12,022	9,281	30,816	15,758	15,058
Perlis	292,695	145,962	146,733	2,234	1,244	990	4,076	2,148	1,928
Pulau Pinang	1,771,587	907,699	863,888	13,978	7,781	6,197	18,571	9,510	9,061
Sabah	3,592,837	1,874,825	1,718,012	18,873	10,791	8,082	41,608	21,544	20,064
Sarawak	2,509,522	1,297,168	1,212,354	17,596	10,209	7,387	31,274	16,062	15,212
Selangor	7,205,268	3,828,407	3,376,861	42,051	24,531	17,520	90,118	46,638	43,480
Terengganu	1,209,376	620,281	589,095	8,469	4,645	3,824	26,337	13,632	12,705
W.P. Kuala Lumpur	1,998,605	1,066,924	931,681	13,334	7,689	5,645	21,046	10,992	10,054
W.P. Labuan	99,460	51,178	48,282	517	300	217	1,522	755	767
W.P. Putrajaya	119,247	58,904	60,343	266	154	112	2,106	1,090	1,016

**Nota:**

Statistik penduduk merujuk kepada anggaran penduduk pertengahan tahun 2023

Statistik kematian dan kelahiran hidup merujuk pada tahun 2021

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## JOHOR

### LELAKI DAN PEREMPUAN

2013  
**74.2**  
tahun

2023<sup>e</sup>  
**74.6**  
tahun



### LELAKI

2013  
**72.0**  
tahun

2023<sup>e</sup>  
**72.5**  
tahun



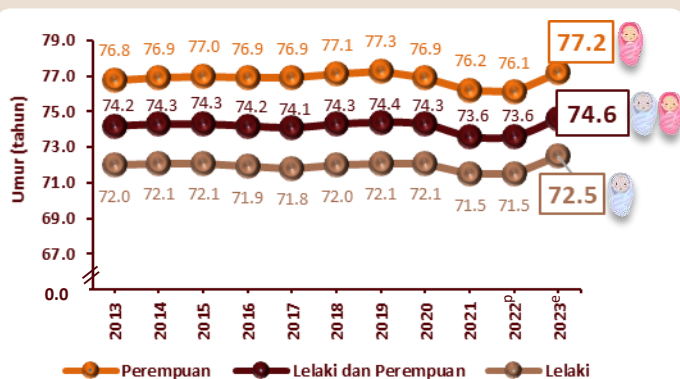
### PEREMPUAN

2013  
**76.8**  
tahun

2023<sup>e</sup>  
**77.2**  
tahun



## JANGKAAN HAYAT KETIKA LAHIR, 2013 - 2023<sup>e</sup>



### PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2023 di Johor dijangka boleh hidup sehingga **77.2 tahun** manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **72.5 tahun**.

Bagi tempoh 2013 hingga 2019 (6 tahun), **jangkaan hayat ketika lahir meningkat 0.2 tahun** dengan lelaki meningkat **0.1 tahun** dan perempuan, **0.5 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 **0.6 tahun** manakala perempuan menurun **0.8 tahun**. Pada tahun 2023, **jangkaan hayat ketika lahir mencatatkan peningkatan 1.0 tahun** berbanding 2022. Peningkatan jangkaan hayat ini disebabkan jumlah kematian pada tahun 2023 telah bertambah baik berbanding 2021 dan 2022 yang mana berlakunya lebih kematian semasa pandemik COVID-19.

## JANGKAAN HAYAT PADA UMUR TERTENTU, 2023<sup>e</sup>

### KETIKA LAHIR

Lelaki  
**72.5**  
tahun

Perempuan  
**77.2**  
tahun

2013: 72.0 tahun      2013: 76.8 tahun

Seorang **bayi lelaki** yang lahir pada **2023** dijangka hidup sehingga **72.5 tahun** dan **bayi perempuan** sehingga **77.2 tahun**

### PADA UMUR 15 TAHUN

Lelaki  
**58.2**  
tahun

Perempuan  
**62.9**  
tahun

2013: 57.8 tahun      2013: 62.5 tahun

Seorang **lelaki** yang berumur **15 tahun** pada **2023** dijangka hidup selama **58.2 tahun** lagi dan **perempuan** selama **62.9 tahun** lagi

### PADA UMUR 60 TAHUN

Lelaki  
**17.9**  
tahun

Perempuan  
**20.9**  
tahun

2013: 18.2 tahun      2013: 20.6 tahun

Seorang **lelaki** yang berumur **60 tahun** pada **2023** dijangka hidup selama **17.9 tahun** lagi dan **perempuan** selama **20.9 tahun** lagi

### PADA UMUR 65 TAHUN

Lelaki  
**14.4**  
tahun

Perempuan  
**16.9**  
tahun

2013: 14.8 tahun      2013: 16.7 tahun

Seorang **lelaki** yang berumur **65 tahun** pada **2023** dijangka hidup selama **14.4 tahun** lagi dan **perempuan** selama **16.9 tahun** lagi

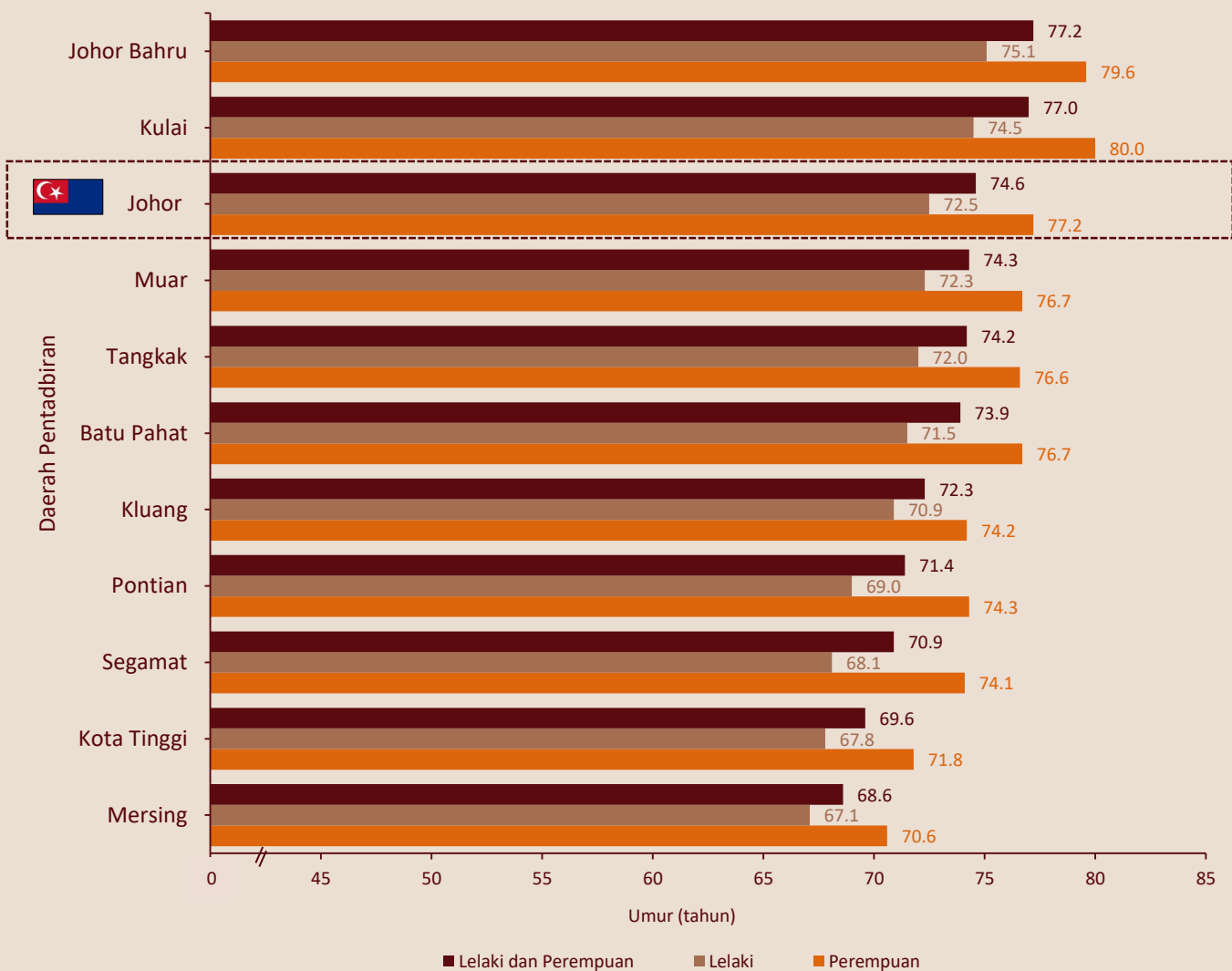
Nota: <sup>p</sup> Permulaan <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## JANGKAAN HAYAT KETIKA LAHIR MENGIKUT DAERAH PENTADBIRAN, JOHOR, 2023<sup>e</sup>



### JANGKAAN HAYAT MENGIKUT DAERAH PENTADBIRAN

Dua daerah pentadbiran mencatatkan jangkaan hayat melebihi jangkaan hayat **paras negeri Johor** (74.6 tahun) iaitu **Johor Bahru** (77.2 tahun) dan **Kulai** (77.0 tahun)

Nota: <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAPAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## INDIKATOR DEMOGRAFI MENGIKUT DAERAH PENTADBIRAN, JOHOR

Daerah Pentadbiran	Penduduk			Kematian			Kelahiran Hidup		
	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan
Johor	4,100,886	2,188,432	1,912,454	26,951	15,549	11,402	49,990	25,708	24,282
Batu Pahat	503,447	265,567	237,880	3,480	1,956	1,524	6,139	3,179	2,960
Johor Bahru	1,758,502	933,005	825,497	9,471	5,535	3,936	20,409	10,496	9,913
Kluang	328,033	181,002	147,031	2,456	1,479	977	3,804	1,958	1,846
Kota Tinggi	228,903	121,646	107,257	2,024	1,148	876	3,810	1,923	1,887
Mersing	80,036	42,793	37,243	650	388	262	1,324	677	647
Muar	318,474	174,748	143,726	2,327	1,304	1,023	3,751	1,948	1,803
Pontian	175,488	93,970	81,518	1,533	875	658	2,413	1,215	1,198
Segamat	201,541	105,340	96,201	1,852	1,075	777	2,620	1,326	1,294
Kulai	339,607	183,329	156,278	1,838	1,058	780	3,670	1,927	1,743
Tangkak	166,855	87,032	79,823	1,320	731	589	2,050	1,059	991

**Nota:**

Statistik penduduk merujuk kepada anggaran penduduk pertengahan tahun 2023  
Statistik kematian dan kelahiran hidup merujuk pada tahun 2021

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## KEDAH

### LELAKI DAN PEREMPUAN

2013  
**73.0**  
tahun

2023<sup>e</sup>  
**72.7**  
tahun



### LELAKI

2013  
**70.3**  
tahun

2023<sup>e</sup>  
**69.9**  
tahun



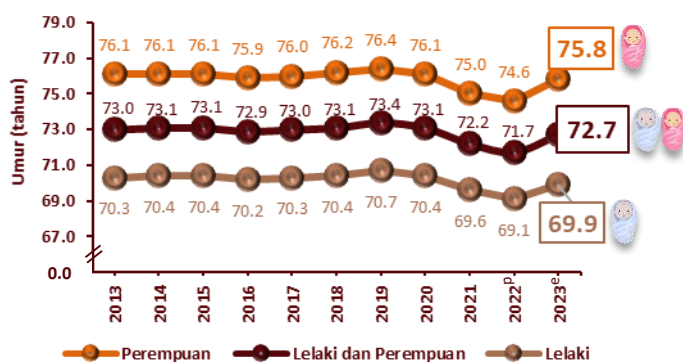
### PEREMPUAN

2013  
**76.1**  
tahun

2023<sup>e</sup>  
**75.8**  
tahun



## JANGKAAN HAYAT KETIKA LAHIR, 2013 - 2023<sup>e</sup>



### PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2023 di Kedah dijangka boleh hidup sehingga **75.8** tahun manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **69.9** tahun.

Bagi tempoh 2013 hingga 2019 (6 tahun), **jangkaan hayat ketika lahir meningkat 0.4 tahun** dengan lelaki meningkat 0.4 tahun dan perempuan, **0.3 tahun**. Walau bagaimanapun, bagi tahun 2020 hingga 2022 (3 tahun), **jangkaan hayat ketika lahir menurun 1.4 tahun** dengan jangkaan hayat ketika lahir bagi lelaki menurun 1.3 tahun manakala perempuan menurun 1.5 tahun. Pada tahun 2023, **jangkaan hayat ketika lahir mencatatkan peningkatan 1.0 tahun** berbanding 2022. Peningkatan jangkaan hayat ini disebabkan jumlah kematian pada tahun 2023 telah bertambah baik berbanding 2021 dan 2022 yang mana berlakunya lebih kematian semasa pandemik COVID-19.

## JANGKAAN HAYAT PADA UMUR TERTENTU, 2023<sup>e</sup>

### KETIKA LAHIR

Lelaki

**69.9**  
tahun

2013: 70.3 tahun

Perempuan

**75.8**  
tahun

2013: 76.1 tahun

Seorang **bayi lelaki** yang lahir pada **2023** dijangka hidup sehingga **69.9** tahun dan **bayi perempuan** sehingga **75.8** tahun

### PADA UMUR 15 TAHUN

Lelaki

**55.5**  
tahun

2013: 56.2 tahun

Perempuan

**61.5**  
tahun

2013: 61.8 tahun

Seorang **lelaki** yang berumur **15 tahun** pada **2023** dijangka hidup selama **55.5 tahun** lagi dan **perempuan** selama **61.5 tahun** lagi

### PADA UMUR 60 TAHUN

Lelaki

**17.2**  
tahun

2013: 17.1 tahun

Perempuan

**20.3**  
tahun

2013: 20.1 tahun

Seorang **lelaki** yang berumur **60 tahun** pada **2023** dijangka hidup selama **17.2 tahun** lagi dan **perempuan** selama **20.3 tahun** lagi

### PADA UMUR 65 TAHUN

Lelaki

**14.1**  
tahun

2013: 13.7 tahun

Perempuan

**16.6**  
tahun

2013: 16.2 tahun

Seorang **lelaki** yang berumur **65 tahun** pada **2023** dijangka hidup selama **14.1 tahun** lagi dan **perempuan** selama **16.6 tahun** lagi

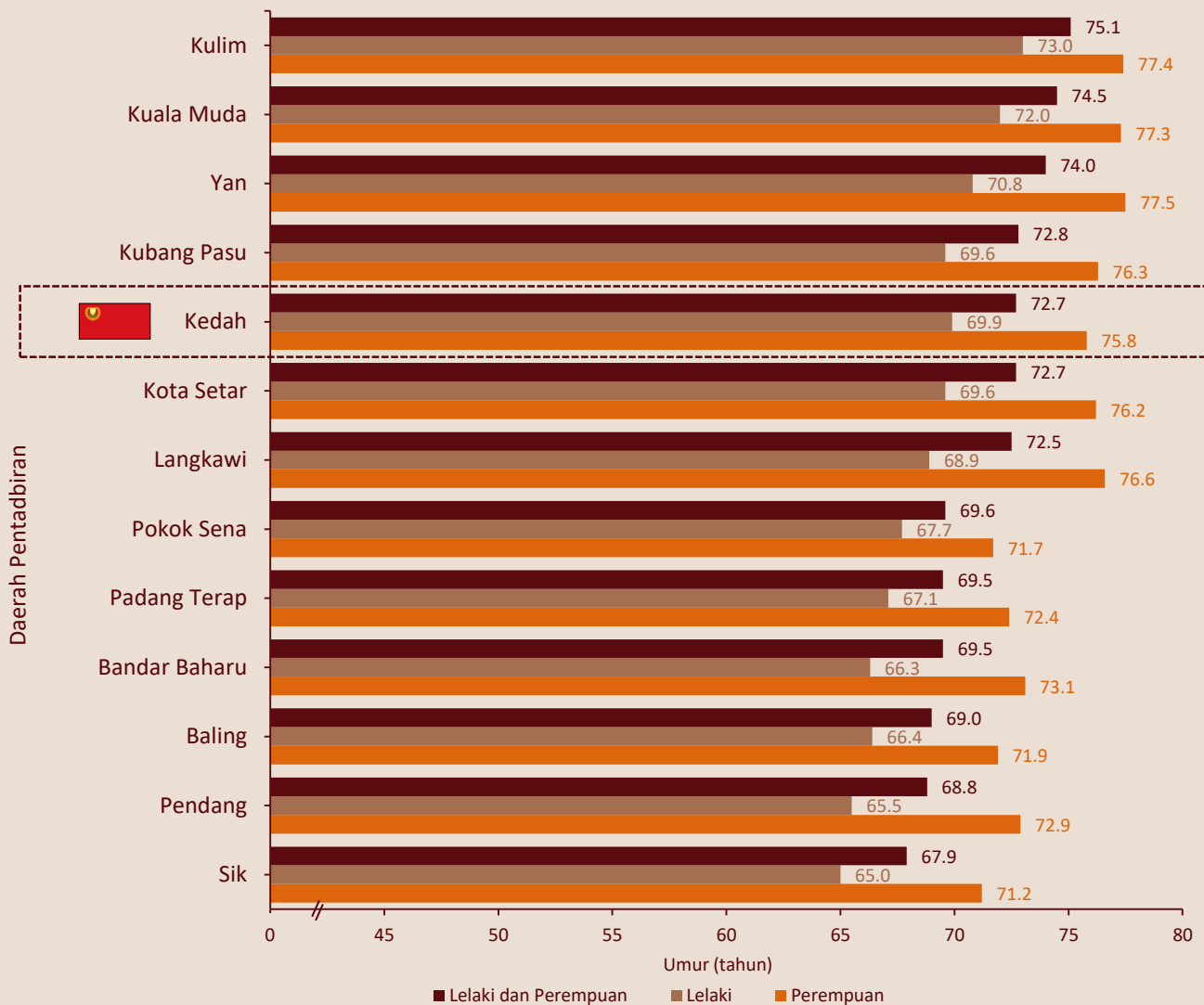
Nota: <sup>p</sup> Permulaan <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## JANGKAAN HAYAT KETIKA LAHIR MENGIKUT DAERAH PENTADBIRAN, KEDAH, 2023<sup>e</sup>



### JANGKAAN HAYAT MENGIKUT DAERAH PENTADBIRAN

Empat daerah pentadbiran mencatatkan jangkaan hayat melebihi jangkaan hayat **paras negeri Kedah** (72.7 tahun) iaitu **Kulim** (75.1 tahun), **Kuala Muda** (74.5 tahun), **Yan** (74.0 tahun) dan **Kubang Pasu** (72.8 tahun)

Nota: <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAPAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## INDIKATOR DEMOGRAFI MENGIKUT DAERAH PENTADBIRAN, KEDAH

Daerah Pentadbiran	Penduduk			Kematian			Kelahiran Hidup		
	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan
<b>Kedah</b>	<b>2,187,484</b>	<b>1,115,176</b>	<b>1,072,308</b>	<b>18,457</b>	<b>10,068</b>	<b>8,389</b>	<b>33,040</b>	<b>17,032</b>	<b>16,008</b>
Baling	146,559	74,930	71,629	1,545	849	696	2,682	1,365	1,317
Bandar Baharu	45,048	23,065	21,983	470	272	198	685	347	338
Kota Setar	379,185	188,419	190,766	3,637	1,929	1,708	5,842	2,967	2,875
Kuala Muda	559,517	288,040	271,477	4,287	2,393	1,894	7,486	3,866	3,620
Kubang Pasu	251,427	123,917	127,510	2,020	1,083	937	3,824	1,939	1,885
Kulim	346,216	177,346	168,870	2,408	1,330	1,078	4,453	2,349	2,104
Langkawi	98,062	50,653	47,409	672	383	289	1,782	957	825
Padang Terap	67,019	34,772	32,247	543	309	234	1,152	621	531
Sik	69,188	35,256	33,932	699	360	339	1,278	650	628
Yan	74,218	38,098	36,120	590	297	293	973	486	487
Pendang	100,633	53,223	47,410	1,065	581	484	1,926	974	952
Pokok Sena	50,412	27,457	22,955	521	282	239	957	511	446

**Nota:**

Statistik penduduk merujuk kepada anggaran penduduk pertengahan tahun 2023  
Statistik kematian dan kelahiran hidup merujuk pada tahun 2021

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## KELANTAN

### LELAKI DAN PEREMPUAN

2013  
**71.9**  
tahun



2023<sup>e</sup>  
**72.0**  
tahun

### LELAKI

2013  
**69.0**  
tahun



2023<sup>e</sup>  
**69.5**  
tahun

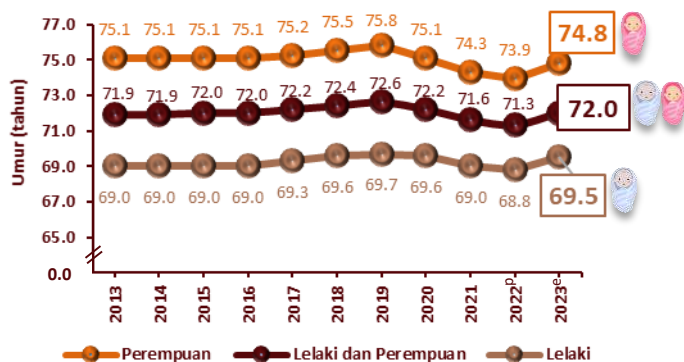
### PEREMPUAN

2013  
**75.1**  
tahun



2023<sup>e</sup>  
**74.8**  
tahun

## JANGKAAN HAYAT KETIKA LAHIR, 2013 - 2023<sup>e</sup>



### PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2023 di Kelantan dijangka boleh hidup sehingga **74.8** tahun manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **69.5** tahun.

Bagi tempoh 2013 hingga 2019 (6 tahun), **jangkaan hayat ketika lahir meningkat 0.7 tahun** dengan lelaki meningkat 0.7 tahun dan perempuan, 0.7 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 0.8 tahun manakala perempuan menurun 1.2 tahun. Pada tahun 2023, **jangkaan hayat ketika lahir mencatatkan peningkatan 0.7 tahun** berbanding 2022. Peningkatan jangkaan hayat ini disebabkan jumlah kematian pada tahun 2023 telah bertambah baik berbanding 2021 dan 2022 yang mana berlakunya lebih kematian semasa pandemik COVID-19.

## JANGKAAN HAYAT PADA UMUR TERTENTU, 2023<sup>e</sup>

### KETIKA LAHIR

Lelaki

**69.5**  
tahun

2013: 69.0 tahun

Perempuan

**74.8**  
tahun

2013: 75.1 tahun

Seorang **bayi lelaki** yang lahir pada **2023** dijangka hidup sehingga **69.5** tahun dan **bayi perempuan** sehingga **74.8** tahun

### PADA UMUR 15 TAHUN

Lelaki

**55.4**  
tahun

2013: 55.0 tahun

Perempuan

**60.5**  
tahun

2013: 60.9 tahun

Seorang **lelaki** yang berumur **15** tahun pada **2023** dijangka hidup selama **55.4** tahun lagi dan **perempuan** selama **60.5** tahun lagi

### PADA UMUR 60 TAHUN

Lelaki

**16.5**  
tahun

2013: 16.5 tahun

Perempuan

**19.4**  
tahun

2013: 19.3 tahun

Seorang **lelaki** yang berumur **60** tahun pada **2023** dijangka hidup selama **16.5** tahun lagi dan **perempuan** selama **19.4** tahun lagi

### PADA UMUR 65 TAHUN

Lelaki

**13.1**  
tahun

2013: 13.1 tahun

Perempuan

**15.6**  
tahun

2013: 15.4 tahun

Seorang **lelaki** yang berumur **65** tahun pada **2023** dijangka hidup selama **13.1** tahun lagi dan **perempuan** selama **15.6** tahun lagi

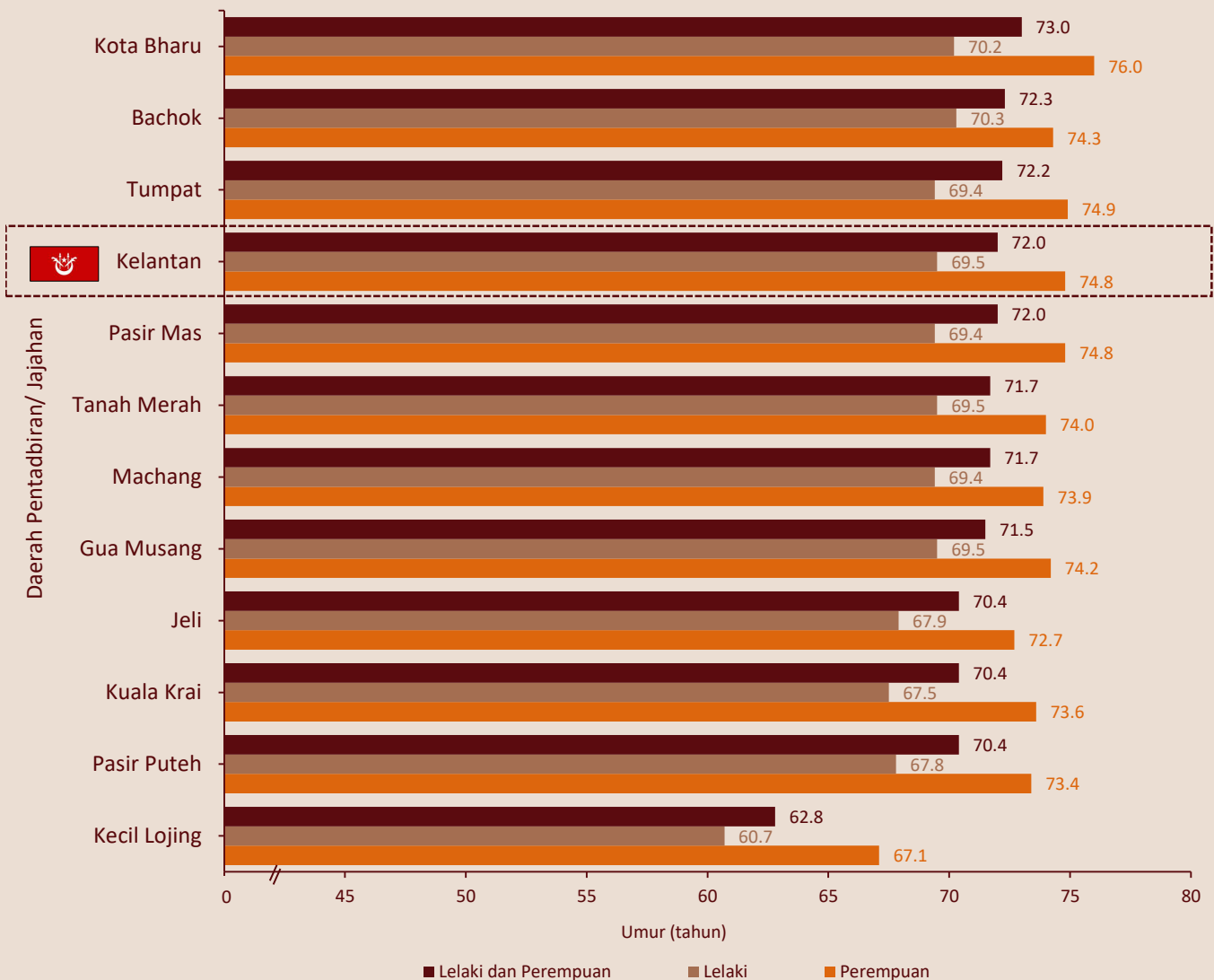
Nota: <sup>p</sup> Permulaan <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## JANGKAAN HAYAT KETIKA LAHIR MENGIKUT DAERAH PENTADBIRAN/ JAJAHAN, KELANTAN, 2023<sup>e</sup>



### JANGKAAN HAYAT MENGIKUT DAERAH PENTADBIRAN/ JAJAHAN

Tiga daerah pentadbiran/ jajahan mencatatkan jangkaan hayat melebihi jangkaan hayat paras negeri Kelantan (72.0 tahun) iaitu **Kota Bharu** (73.0 tahun), **Bachok** (72.3 tahun) dan **Tumpat** (72.2 tahun)

Nota: <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## INDIKATOR DEMOGRAFI MENGIKUT DAERAH PENTADBIRAN/ JAJAHAN, KELANTAN

Daerah Pentadbiran/ Jajahan	Penduduk			Kematian			Kelahiran Hidup		
	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan
<b>Kelantan</b>	<b>1,857,611</b>	<b>932,832</b>	<b>924,779</b>	<b>13,926</b>	<b>7,605</b>	<b>6,321</b>	<b>34,764</b>	<b>17,868</b>	<b>16,896</b>
Bachok	162,905	79,087	83,818	1,247	669	578	3,270	1,705	1,565
Kota Bharu	575,421	287,522	287,899	4,190	2,265	1,925	10,529	5,335	5,194
Machang	115,165	57,299	57,866	891	501	390	1,960	1,021	939
Pasir Mas	237,193	120,134	117,059	1,949	1,037	912	4,335	2,287	2,048
Pasir Puteh	140,738	69,777	70,961	1,244	629	615	3,084	1,585	1,499
Tanah Merah	155,842	79,967	75,875	1,043	572	471	2,775	1,446	1,329
Tumpat	186,260	92,217	94,043	1,469	806	663	3,598	1,854	1,744
Gua Musang	107,108	57,768	49,340	551	337	214	1,827	933	894
Kuala Krai	109,088	54,925	54,163	912	540	372	2,243	1,145	1,098
Jeli	56,848	28,432	28,416	361	209	152	891	441	450
Kecil Lojing	11,043	5,704	5,339	69	40	29	252	116	136

**Nota:**

Statistik penduduk merujuk kepada anggaran penduduk pertengahan tahun 2023  
Statistik kematian dan kelahiran hidup merujuk pada tahun 2021

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## MELAKA

### LELAKI DAN PEREMPUAN

2013  
**74.4**  
tahun

2023<sup>e</sup>  
**73.8**  
tahun



### LELAKI

2013  
**71.9**  
tahun

2023<sup>e</sup>  
**71.3**  
tahun



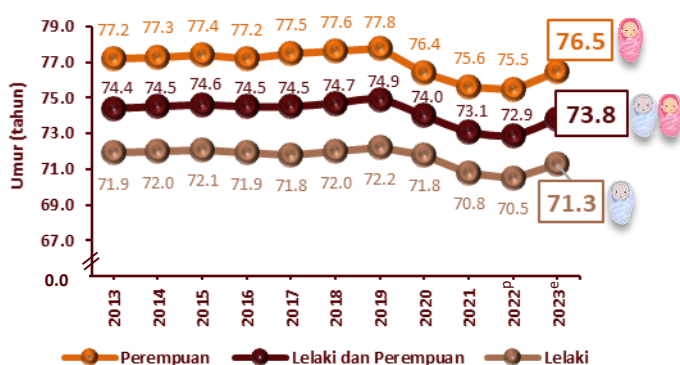
### PEREMPUAN

2013  
**77.2**  
tahun

2023<sup>e</sup>  
**76.5**  
tahun



## JANGKAAN HAYAT KETIKA LAHIR, 2013 - 2023<sup>e</sup>



### PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2023 di Melaka dijangka boleh hidup sehingga **76.5** tahun manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **71.3** tahun.

Bagi tempoh 2013 hingga 2019 (6 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 1.1 tahun** dengan jangkaan hayat ketika lahir bagi lelaki menurun 1.3 tahun manakala perempuan menurun 0.9 tahun. Pada tahun 2023, **jangkaan hayat ketika lahir mencatatkan peningkatan 0.9 tahun** berbanding 2022. Peningkatan jangkaan hayat ini disebabkan jumlah kematian pada tahun 2023 telah bertambah baik berbanding 2021 dan 2022 yang mana berlakunya lebih kematian semasa pandemik COVID-19.

## JANGKAAN HAYAT PADA UMUR TERTENTU, 2023<sup>e</sup>

### KETIKA LAHIR

Lelaki  
**71.3**  
tahun

Perempuan  
**76.5**  
tahun

2013: 71.9 tahun      2013: 77.2 tahun

Seorang **bayi lelaki** yang lahir pada 2023 dijangka hidup sehingga **71.3** tahun dan **bayi perempuan** sehingga **76.5** tahun

### PADA UMUR 15 TAHUN

Lelaki  
**57.1**  
tahun

Perempuan  
**62.2**  
tahun

2013: 57.7 tahun      2013: 62.9 tahun

Seorang **lelaki** yang berumur **15 tahun** pada 2023 dijangka hidup selama **57.1** tahun lagi dan **perempuan** selama **62.2** tahun lagi

### PADA UMUR 60 TAHUN

Lelaki  
**17.3**  
tahun

Perempuan  
**20.2**  
tahun

2013: 18.2 tahun      2013: 20.9 tahun

Seorang **lelaki** yang berumur **60 tahun** pada 2023 dijangka hidup selama **17.3** tahun lagi dan **perempuan** selama **20.2** tahun lagi

### PADA UMUR 65 TAHUN

Lelaki  
**14.0**  
tahun

Perempuan  
**16.3**  
tahun

2013: 14.8 tahun      2013: 16.9 tahun

Seorang **lelaki** yang berumur **65 tahun** pada 2023 dijangka hidup selama **14.0** tahun lagi dan **perempuan** selama **16.3** tahun lagi

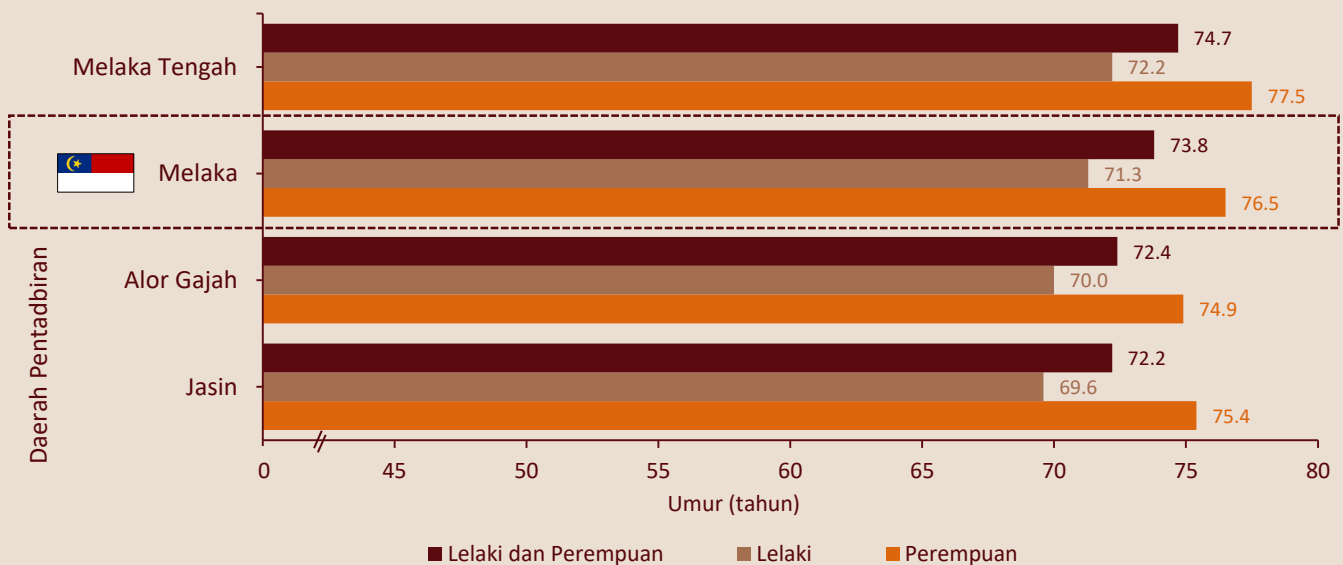
Nota: <sup>p</sup> Permulaan    <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## JANGKAAN HAYAT KETIKA LAHIR MENGIKUT DAERAH PENTADBIRAN, MELAKA, 2023<sup>e</sup>



### JANGKAAN HAYAT MENGIKUT DAERAH PENTADBIRAN

**Melaka Tengah** (74.7 tahun) merupakan satu-satunya daerah pentadbiran yang mencatatkan jangkaan hayat melebihi jangkaan hayat **paras negeri Melaka** (73.8 tahun)

## INDIKATOR DEMOGRAFI MENGIKUT DAERAH PENTADBIRAN, MELAKA

Daerah Pentadbiran	Penduduk			Kematian			Kelahiran Hidup		
	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan
Melaka	1,027,500	541,454	486,046	7,083	3,921	3,162	13,192	6,812	6,380
Alor Gajah	256,171	132,518	123,653	1,715	923	792	3,089	1,567	1,522
Jasin	154,342	82,403	71,939	1,287	730	557	2,369	1,211	1,158
Melaka Tengah	616,987	326,533	290,454	4,081	2,268	1,813	7,734	4,034	3,700

Nota:

<sup>e</sup> Anggaran

Statistik penduduk merujuk kepada anggaran penduduk pertengahan tahun 2023

Statistik kematian dan kelahiran hidup merujuk pada tahun 2021

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAPAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## NEGERI SEMBILAN

### LELAKI DAN PEREMPUAN

2013  
**73.5**  
tahun

2023<sup>e</sup>  
**73.7**  
tahun



### LELAKI

2013  
**70.9**  
tahun

2023<sup>e</sup>  
**71.0**  
tahun



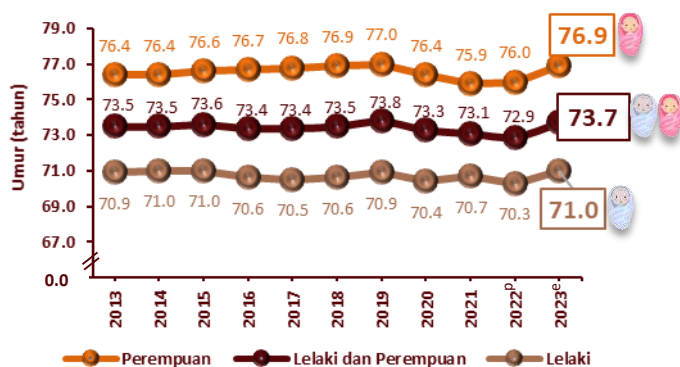
### PEREMPUAN

2013  
**76.4**  
tahun

2023<sup>e</sup>  
**76.9**  
tahun



## JANGKAAN HAYAT KETIKA LAHIR, 2013 - 2023<sup>e</sup>



### PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2023 di Negeri Sembilan dijangka boleh hidup sehingga **76.9 tahun** manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **71.0 tahun**.

Bagi tempoh 2013 hingga 2019 (6 tahun), **jangkaan hayat ketika lahir meningkat 0.3 tahun** dengan lelaki kekal tidak berubah dan perempuan meningkat **0.6 tahun**. Walau bagaimanapun, bagi tahun 2020 hingga 2022 (3 tahun), **jangkaan hayat ketika lahir menurun 0.4 tahun** dengan jangkaan hayat ketika lahir bagi lelaki menurun **0.1 tahun** manakala perempuan menurun **0.4 tahun**. Pada tahun 2023, **jangkaan hayat ketika lahir mencatatkan peningkatan 0.8 tahun** berbanding 2022. Peningkatan jangkaan hayat ini disebabkan jumlah kematian pada tahun 2023 telah bertambah baik berbanding 2021 dan 2022 yang mana berlakunya lebih kematian semasa pandemik COVID-19.

## JANGKAAN HAYAT PADA UMUR TERTENTU, 2023<sup>e</sup>

### KETIKA LAHIR

Lelaki  
**71.0**  
tahun

Perempuan  
**76.9**  
tahun

2013: 70.9 tahun      2013: 76.4 tahun

Seorang **bayi lelaki** yang lahir pada **2023** dijangka hidup sehingga **71.0 tahun** dan **bayi perempuan** sehingga **76.9 tahun**

### PADA UMUR 15 TAHUN

Lelaki  
**56.7**  
tahun

Perempuan  
**62.6**  
tahun

2013: 56.7 tahun      2013: 62.2 tahun

Seorang **lelaki** yang berumur **15 tahun** pada **2023** dijangka hidup selama **56.7 tahun** lagi dan **perempuan** selama **62.6 tahun** lagi

### PADA UMUR 60 TAHUN

Lelaki  
**17.6**  
tahun

Perempuan  
**20.7**  
tahun

2013: 17.9 tahun      2013: 20.3 tahun

Seorang **lelaki** yang berumur **60 tahun** pada **2023** dijangka hidup selama **17.6 tahun** lagi dan **perempuan** selama **20.7 tahun** lagi

### PADA UMUR 65 TAHUN

Lelaki  
**14.1**  
tahun

Perempuan  
**16.7**  
tahun

2013: 14.5 tahun      2013: 16.5 tahun

Seorang **lelaki** yang berumur **65 tahun** pada **2023** dijangka hidup selama **14.1 tahun** lagi dan **perempuan** selama **16.7 tahun** lagi

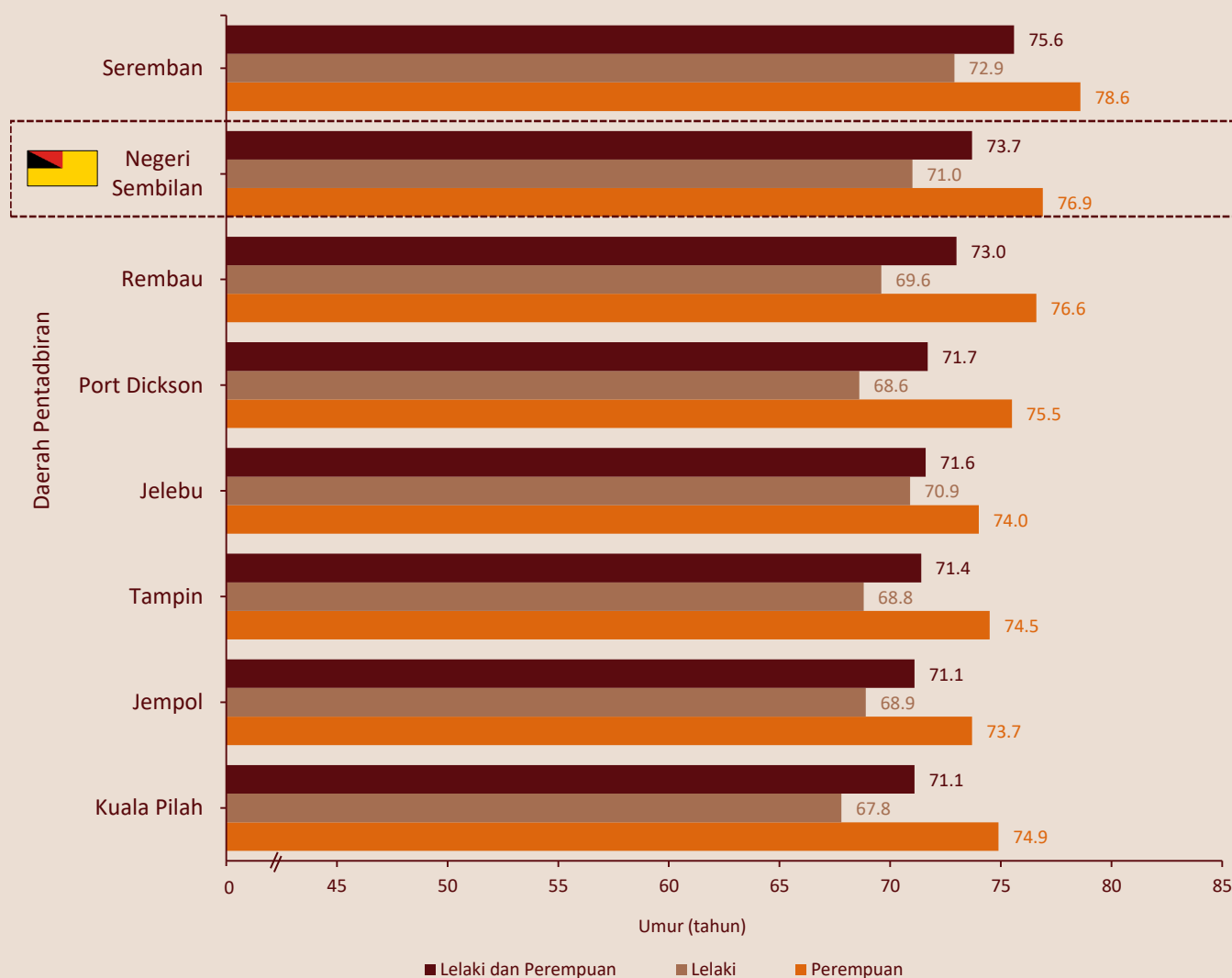
Nota: <sup>p</sup> Permulaan    <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## JANGKAAN HAYAT KETIKA LAHIR MENGIKUT DAERAH PENTADBIRAN, NEGERI SEMBILAN, 2023<sup>e</sup>



### JANGKAAN HAYAT MENGIKUT DAERAH PENTADBIRAN

**Seremban (75.6 tahun)** merupakan satu-satunya daerah pentadbiran yang mencatatkan jangkaan hayat melebihi jangkaan hayat **paras Negeri Sembilan (73.7 tahun)**

Nota: <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAPAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## INDIKATOR DEMOGRAFI MENGIKUT DAERAH PENTADBIRAN, NEGERI SEMBILAN

Daerah Pentadbiran	Penduduk			Kematian			Kelahiran Hidup		
	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan
<b>Negeri Sembilan</b>	<b>1,224,310</b>	<b>635,206</b>	<b>589,104</b>	<b>9,165</b>	<b>5,206</b>	<b>3,959</b>	<b>16,777</b>	<b>8,723</b>	<b>8,054</b>
Jelevu	47,406	25,972	21,434	418	240	178	573	278	295
Kuala Pilah	71,311	36,735	34,576	819	428	391	997	521	476
Port Dickson	132,679	70,364	62,315	982	560	422	1,817	909	908
Rembau	48,538	24,750	23,788	520	257	263	767	389	378
Seremban	705,187	363,052	342,135	4,478	2,597	1,881	9,287	4,864	4,423
Tampin	89,796	47,673	42,123	785	436	349	1,278	697	581
Jempol	129,393	66,660	62,733	1,163	688	475	2,058	1,065	993

**Nota:**

Statistik penduduk merujuk kepada anggaran penduduk pertengahan tahun 2023  
Statistik kematian dan kelahiran hidup merujuk pada tahun 2021

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## PAHANG

### LELAKI DAN PEREMPUAN

2013  
**73.0**  
tahun

2023<sup>e</sup>  
**72.6**  
tahun



### LELAKI

2013  
**70.4**  
tahun

2023<sup>e</sup>  
**70.2**  
tahun



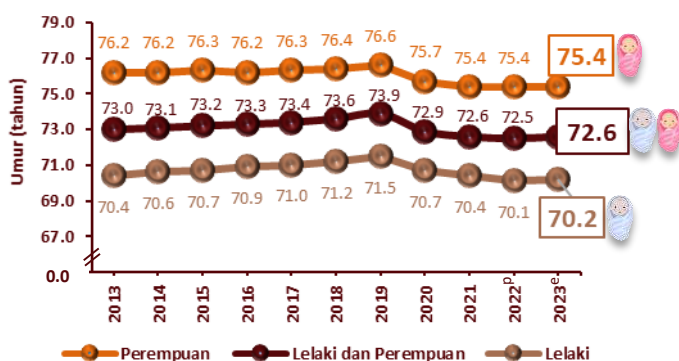
### PEREMPUAN

2013  
**76.2**  
tahun

2023<sup>e</sup>  
**75.4**  
tahun



## JANGKAAN HAYAT KETIKA LAHIR, 2013 - 2023<sup>e</sup>



### PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2023 di Pahang dijangka boleh hidup sehingga **75.4** tahun manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **70.2** tahun.

Bagi tempoh 2013 hingga 2019 (6 tahun), **jangkaan hayat ketika lahir meningkat 0.9 tahun** dengan lelaki meningkat **1.1 tahun** dan perempuan, **0.4 tahun**. Walau bagaimanapun, bagi tahun 2020 hingga 2022 (3 tahun), **jangkaan hayat ketika lahir menurun 0.4 tahun** dengan jangkaan hayat ketika lahir bagi lelaki **menurun 0.6 tahun** manakala perempuan **menurun 0.3 tahun**. Pada tahun 2023, **jangkaan hayat ketika lahir mencatatkan peningkatan 0.1 tahun** berbanding 2022. Peningkatan jangkaan hayat ini disebabkan jumlah kematian pada tahun 2023 telah bertambah baik berbanding 2021 dan 2022 yang mana berlakunya lebih kematian semasa pandemik COVID-19.

## JANGKAAN HAYAT PADA UMUR TERTENTU, 2023<sup>e</sup>

### KETIKA LAHIR

Lelaki  
**70.2**  
tahun

Perempuan  
**75.4**  
tahun

2013: 70.4 tahun      2013: 76.2 tahun

Seorang **bayi lelaki** yang lahir pada **2023** dijangka hidup sehingga **70.2 tahun** dan **bayi perempuan** sehingga **75.4 tahun**

### PADA UMUR 15 TAHUN

Lelaki  
**56.1**  
tahun

Perempuan  
**61.1**  
tahun

2013: 56.5 tahun      2013: 62.1 tahun

Seorang **lelaki** yang berumur **15 tahun** pada **2023** dijangka hidup selama **56.1 tahun** lagi dan **perempuan** selama **61.1 tahun** lagi

### PADA UMUR 60 TAHUN

Lelaki  
**16.5**  
tahun

Perempuan  
**19.7**  
tahun

2013: 17.6 tahun      2013: 20.4 tahun

Seorang **lelaki** yang berumur **60 tahun** pada **2023** dijangka hidup selama **16.5 tahun** lagi dan **perempuan** selama **19.7 tahun** lagi

### PADA UMUR 65 TAHUN

Lelaki  
**13.2**  
tahun

Perempuan  
**16.0**  
tahun

2013: 14.2 tahun      2013: 16.5 tahun

Seorang **lelaki** yang berumur **65 tahun** pada **2023** dijangka hidup selama **13.2 tahun** lagi dan **perempuan** selama **16.0 tahun** lagi

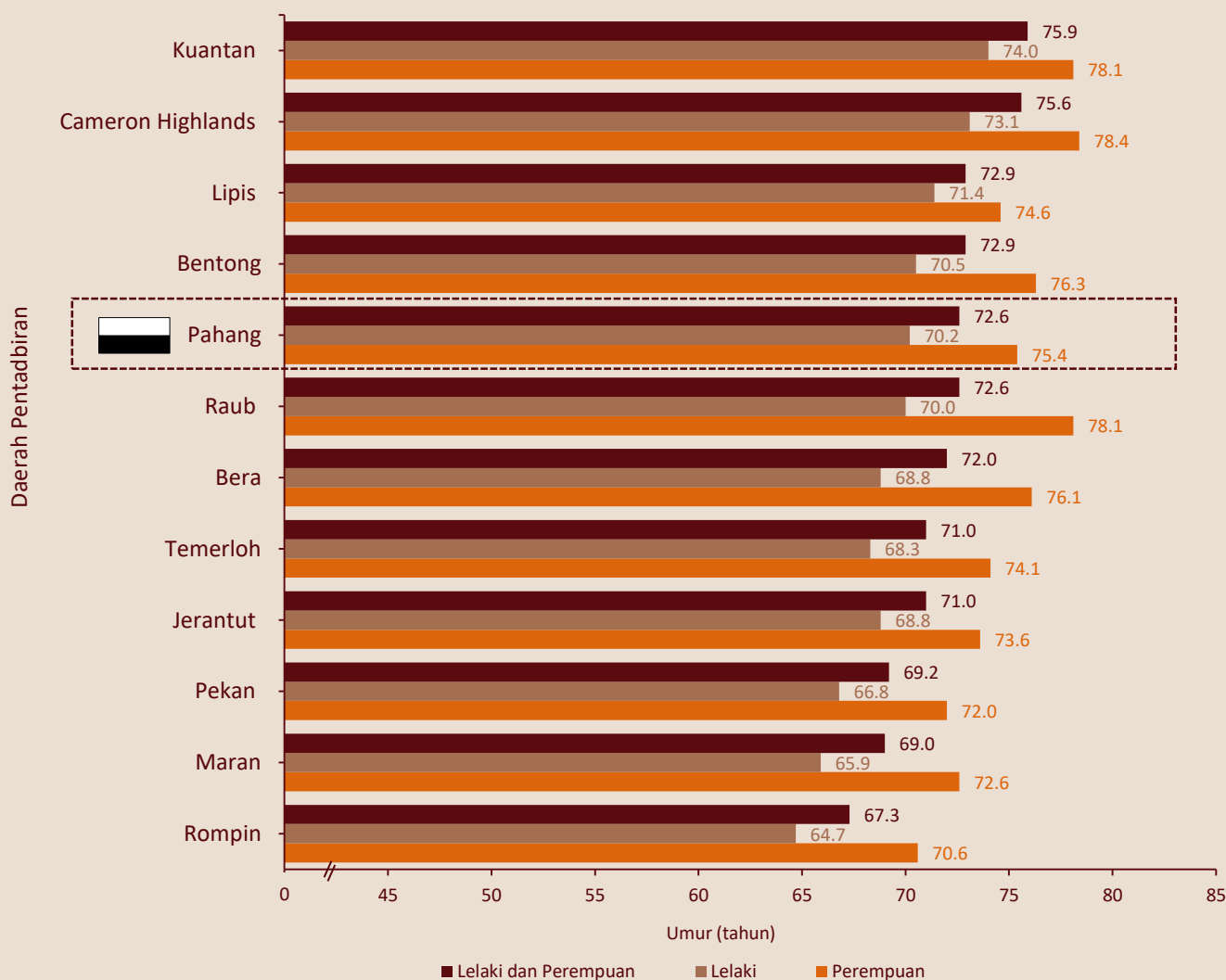
Nota: <sup>p</sup> Permulaan    <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## JANGKAAN HAYAT KETIKA LAHIR MENGIKUT DAERAH PENTADBIRAN, PAHANG, 2023<sup>e</sup>



### JANGKAAN HAYAT MENGIKUT DAERAH PENTADBIRAN

**Empat daerah pentadbiran** mencatatkan jangkaan hayat melebihi jangkaan hayat **paras negeri Pahang** (72.6 tahun) iaitu **Kuantan** (75.9 tahun), **Cameron Highlands** (75.6 tahun), **Lipis** (72.9 tahun) dan **Bentong** (72.9 tahun)

Nota: <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## INDIKATOR DEMOGRAFI MENGIKUT DAERAH PENTADBIRAN, PAHANG

Daerah Pentadbiran	Penduduk			Kematian			Kelahiran Hidup		
	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan
<b>Pahang</b>	<b>1,642,734</b>	<b>872,710</b>	<b>770,024</b>	<b>10,366</b>	<b>6,109</b>	<b>4,257</b>	<b>24,507</b>	<b>12,624</b>	<b>11,883</b>
Bentong	119,542	68,063	51,479	926	523	403	1,293	652	641
Cameron Highlands	40,869	23,652	17,217	214	134	80	528	271	257
Jerantut	98,523	52,549	45,974	714	417	297	1,411	702	709
Kuantan	565,857	294,336	271,521	2,644	1,561	1,083	8,428	4,305	4,123
Lipis	100,039	53,451	46,588	553	328	225	1,462	764	698
Pekan	125,780	67,743	58,037	801	480	321	2,384	1,233	1,151
Raub	98,768	52,605	46,163	695	403	292	1,143	576	567
Temerloh	174,656	90,415	84,241	1,253	728	525	2,778	1,440	1,338
Rompin	101,597	54,967	46,630	777	465	312	2,012	1,046	966
Maran	116,988	61,402	55,586	1,085	658	427	1,881	1,010	871
Bera	100,115	53,527	46,588	704	412	292	1,187	625	562

**Nota:**

Statistik penduduk merujuk kepada anggaran penduduk pertengahan tahun 2023

Statistik kematian dan kelahiran hidup merujuk pada tahun 2021

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## PERAK

### LELAKI DAN PEREMPUAN

2013  
**73.8**  
tahun

2023<sup>e</sup>  
**73.3**  
tahun



### LELAKI

2013  
**71.1**  
tahun

2023<sup>e</sup>  
**70.4**  
tahun



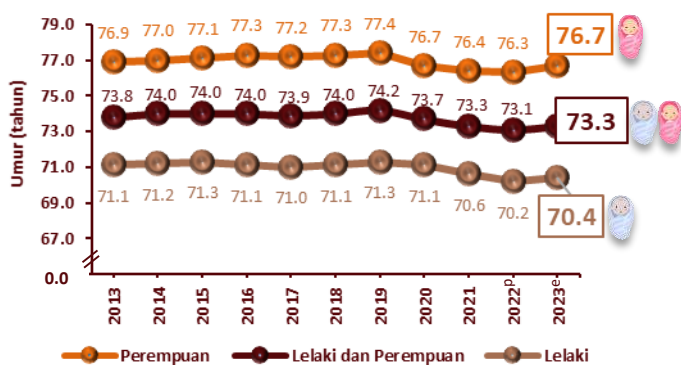
### PEREMPUAN

2013  
**76.9**  
tahun

2023<sup>e</sup>  
**76.7**  
tahun



## JANGKAAN HAYAT KETIKA LAHIR, 2013 - 2023<sup>e</sup>



### PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2023 di Perak dijangka boleh hidup sehingga **76.7 tahun** manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **70.4 tahun**.

Bagi tempoh 2013 hingga 2019 (6 tahun), **jangkaan hayat ketika lahir meningkat 0.4 tahun** dengan lelaki meningkat 0.2 tahun dan perempuan, 0.5 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 0.9 tahun manakala perempuan menurun 0.4 tahun. Pada tahun 2023, **jangkaan hayat ketika lahir mencatatkan peningkatan 0.2 tahun** berbanding 2022. Peningkatan jangkaan hayat ini disebabkan jumlah kematian pada tahun 2023 telah bertambah baik berbanding 2021 dan 2022 yang mana berlakunya lebih kematian semasa pandemik COVID-19.

## JANGKAAN HAYAT PADA UMUR TERTENTU, 2023<sup>e</sup>

### KETIKA LAHIR

Lelaki  
**70.4**  
tahun

Perempuan  
**76.7**  
tahun

2013: 71.1 tahun      2013: 76.9 tahun

Seorang **bayi lelaki** yang lahir pada **2023** dijangka hidup sehingga **70.4 tahun** dan **bayi perempuan** sehingga **76.7 tahun**

### PADA UMUR 15 TAHUN

Lelaki  
**56.2**  
tahun

Perempuan  
**62.4**  
tahun

2013: 57.0 tahun      2013: 62.6 tahun

Seorang **lelaki** yang berumur **15 tahun** pada **2023** dijangka hidup selama **56.2 tahun** lagi dan **perempuan** selama **62.4 tahun** lagi

### PADA UMUR 60 TAHUN

Lelaki  
**17.2**  
tahun

Perempuan  
**20.7**  
tahun

2013: 18.1 tahun      2013: 20.8 tahun

Seorang **lelaki** yang berumur **60 tahun** pada **2023** dijangka hidup selama **17.2 tahun** lagi dan **perempuan** selama **20.7 tahun** lagi

### PADA UMUR 65 TAHUN

Lelaki  
**13.9**  
tahun

Perempuan  
**16.8**  
tahun

2013: 14.6 tahun      2013: 16.9 tahun

Seorang **lelaki** yang berumur **65 tahun** pada **2023** dijangka hidup selama **13.9 tahun** lagi dan **perempuan** selama **16.8 tahun** lagi

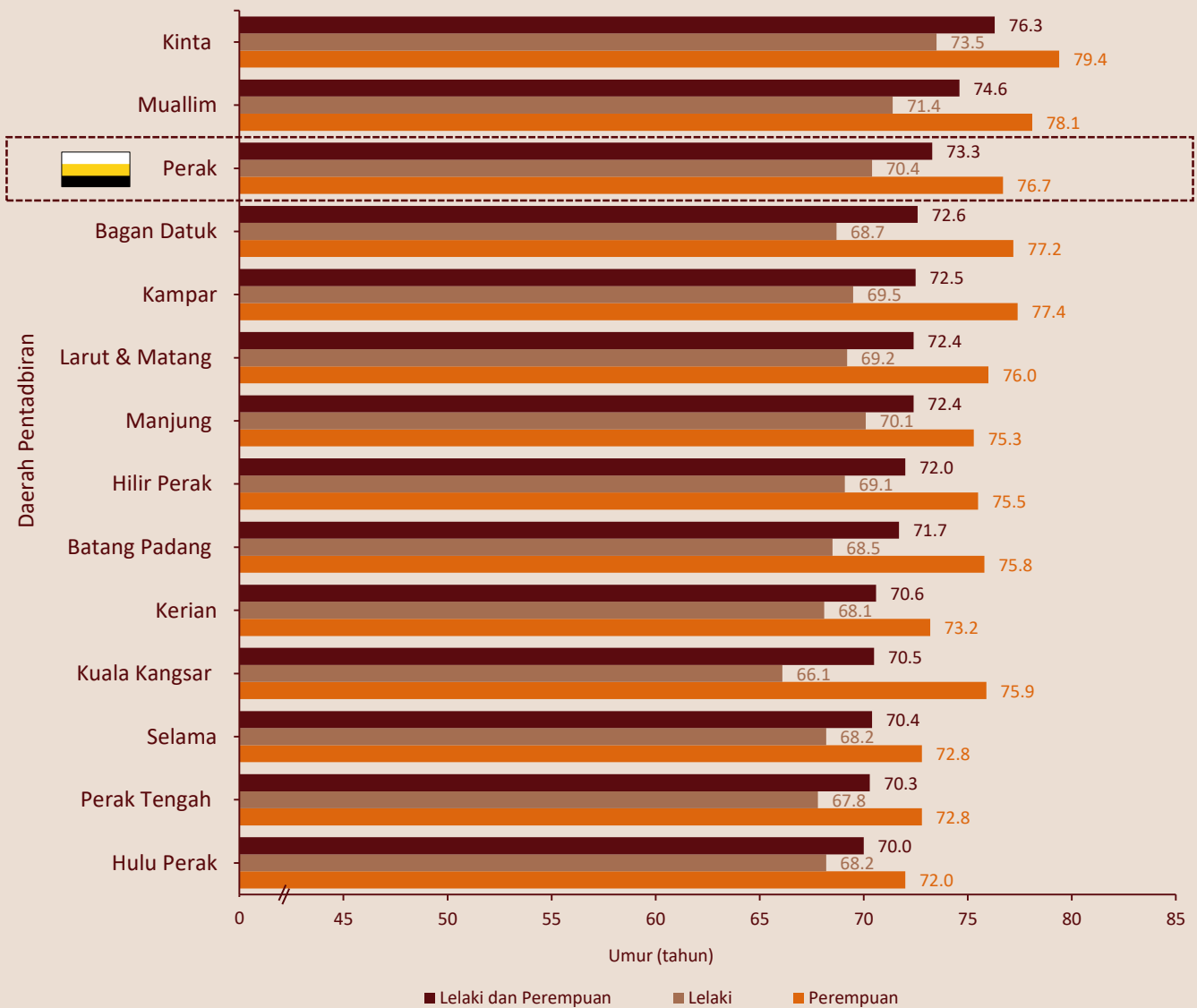
Nota: <sup>p</sup> Permulaan    <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAPAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## JANGKAAN HAYAT KETIKA LAHIR MENGIKUT DAERAH PENTADBIRAN, PERAK, 2023<sup>e</sup>



### JANGKAAN HAYAT MENGIKUT DAERAH PENTADBIRAN

Dua daerah pentadbiran mencatatkan jangkaan hayat melebihi jangkaan hayat paras negeri Perak (73.3 tahun) iaitu **Kinta** (76.3 tahun) dan **Muallim** (74.6 tahun)

Nota: <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## INDIKATOR DEMOGRAFI MENGIKUT DAERAH PENTADBIRAN, PERAK

Daerah Pentadbiran	Penduduk			Kematian			Kelahiran Hidup		
	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan
<b>Perak</b>	<b>2,540,371</b>	<b>1,322,839</b>	<b>1,217,532</b>	<b>21,303</b>	<b>12,022</b>	<b>9,281</b>	<b>30,816</b>	<b>15,758</b>	<b>15,058</b>
Batang Padang	126,171	67,758	58,413	1,192	681	511	1,626	824	802
Manjung	252,297	135,952	116,345	1,906	1,107	799	3,301	1,704	1,597
Kinta	908,870	472,349	436,521	6,441	3,664	2,777	9,038	4,574	4,464
Kerian	168,373	86,509	81,864	1,736	984	752	2,465	1,275	1,190
Kuala Kangsar	178,140	90,395	87,745	1,665	881	784	2,322	1,170	1,152
Larut & Matang	275,411	142,794	132,617	2,714	1,523	1,191	3,841	1,977	1,864
Hilir Perak	141,949	75,035	66,914	1,411	809	602	1,842	965	877
Hulu Perak	97,007	50,366	46,641	842	467	375	1,528	761	767
Perak Tengah	97,157	50,226	46,931	834	469	365	1,571	816	755
Kampar	98,836	50,497	48,339	993	579	414	976	504	472
Muallim	78,583	37,605	40,978	428	248	180	940	481	459
Bagan Datuk	82,749	45,679	37,070	654	357	297	786	404	382
Selama	34,828	17,674	17,154	487	253	234	580	303	277

**Nota:**

Statistik penduduk merujuk kepada anggaran penduduk pertengahan tahun 2023

Statistik kematian dan kelahiran hidup merujuk pada tahun 2021

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## PERLIS

### LELAKI DAN PEREMPUAN

2013  
**72.9**  
tahun



2023<sup>e</sup>  
**71.4**  
tahun

### LELAKI

2013  
**70.3**  
tahun



2023<sup>e</sup>  
**68.4**  
tahun

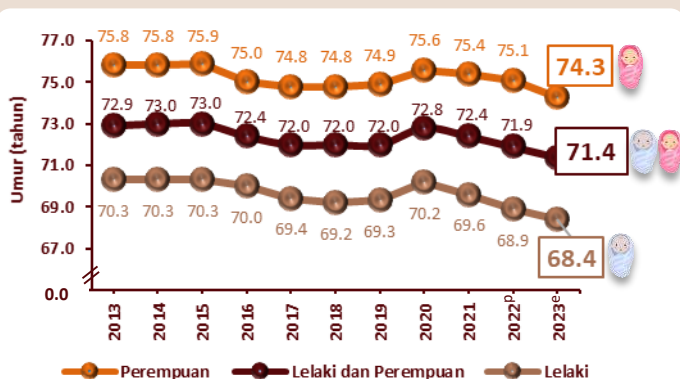
### PEREMPUAN

2013  
**75.8**  
tahun



2023<sup>e</sup>  
**74.3**  
tahun

## JANGKAAN HAYAT KETIKA LAHIR, 2013 - 2023<sup>e</sup>



### PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2023 di Perlis dijangka boleh hidup sehingga **74.3 tahun** manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **68.4 tahun**.

Bagi tempoh 2013 hingga 2019 (6 tahun), **jangkaan hayat ketika lahir menurun 0.9 tahun dengan lelaki menurun 1.0 tahun dan perempuan, 0.9 tahun**. **Jangkaan hayat ketika lahir di Perlis juga turut mencatatkan penurunan sebanyak 1.4 tahun dengan lelaki menurun 1.8 tahun manakala perempuan menurun 1.3 tahun bagi tahun 2020-2023 (4 tahun)**. Penurunan jangkaan hayat ini disebabkan masih terdapat lebih kematian pada tahun 2023.

## JANGKAAN HAYAT PADA UMUR TERTENTU, 2023<sup>e</sup>

### KETIKA LAHIR

Lelaki

**68.4**  
tahun

2013: 70.3 tahun

Perempuan

**74.3**  
tahun

2013: 75.8 tahun

Seorang **bayi lelaki** yang lahir pada 2023 dijangka hidup sehingga **68.4 tahun** dan **bayi perempuan** sehingga **74.3 tahun**

### PADA UMUR 15 TAHUN

Lelaki

**54.7**  
tahun

2013: 56.5 tahun

Perempuan

**60.0**  
tahun

2013: 61.5 tahun

Seorang **lelaki** yang berumur **15 tahun** pada 2023 dijangka hidup selama **54.7 tahun** lagi dan **perempuan** selama **60.0 tahun** lagi

### PADA UMUR 60 TAHUN

Lelaki

**16.3**  
tahun

2013: 17.2 tahun

Perempuan

**18.7**  
tahun

2013: 19.8 tahun

Seorang **lelaki** yang berumur **60 tahun** pada 2023 dijangka hidup selama **16.3 tahun** lagi dan **perempuan** selama **18.7 tahun** lagi

### PADA UMUR 65 TAHUN

Lelaki

**13.0**  
tahun

2013: 13.8 tahun

Perempuan

**15.2**  
tahun

2013: 15.9 tahun

Seorang **lelaki** yang berumur **65 tahun** pada 2023 dijangka hidup selama **13.0 tahun** lagi dan **perempuan** selama **15.2 tahun** lagi

Nota: <sup>p</sup> Permulaan <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAIN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## PULAU PINANG

### LELAKI DAN PEREMPUAN

2013  
**74.7**  
tahun

2023<sup>e</sup>  
**74.4**  
tahun



### LELAKI

2013  
**72.3**  
tahun

2023<sup>e</sup>  
**71.9**  
tahun



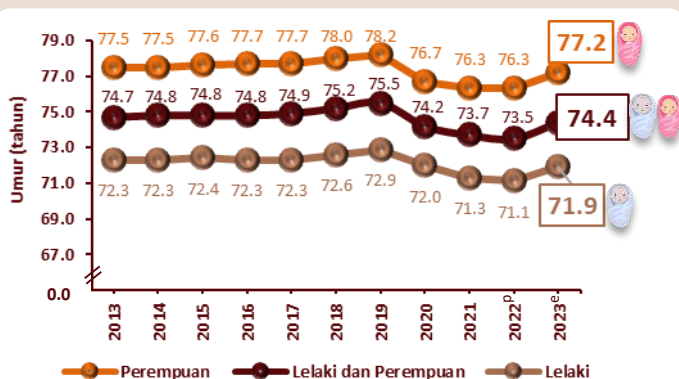
### PEREMPUAN

2013  
**77.5**  
tahun

2023<sup>e</sup>  
**77.2**  
tahun



## JANGKAAN HAYAT KETIKA LAHIR, 2013 - 2023<sup>e</sup>



### PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2023 di Pulau Pinang dijangka boleh hidup sehingga **77.2** tahun manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **71.9** tahun.

Bagi tempoh 2013 hingga 2019 (6 tahun), **jangkaan hayat ketika lahir meningkat 0.8 tahun** dengan lelaki meningkat 0.6 tahun dan perempuan, **0.7 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 0.9 tahun manakala perempuan menurun 0.4 tahun. Pada tahun 2023, **jangkaan hayat ketika lahir mencatatkan peningkatan 0.9 tahun** berbanding 2022. Peningkatan jangkaan hayat ini disebabkan jumlah kematian pada tahun 2023 telah bertambah baik berbanding 2021 dan 2022 yang mana berlakunya lebih kematian semasa pandemik COVID-19.

## JANGKAAN HAYAT PADA UMUR TERTENTU, 2023<sup>e</sup>

### KETIKA LAHIR

Lelaki  
**71.9**  
tahun

Perempuan  
**77.2**  
tahun

2013: 72.3 tahun      2013: 77.5 tahun

Seorang **bayi lelaki** yang lahir pada **2023** dijangka hidup sehingga **71.9** tahun dan **bayi perempuan** sehingga **77.2** tahun

### PADA UMUR 15 TAHUN

Lelaki  
**57.5**  
tahun

Perempuan  
**62.8**  
tahun

2013: 58.2 tahun      2013: 63.2 tahun

Seorang **lelaki** yang berumur **15** tahun pada **2023** dijangka hidup selama **57.5** tahun lagi dan **perempuan** selama **62.8** tahun lagi

### PADA UMUR 60 TAHUN

Lelaki  
**17.2**  
tahun

Perempuan  
**20.1**  
tahun

2013: 18.0 tahun      2013: 20.7 tahun

Seorang **lelaki** yang berumur **60** tahun pada **2023** dijangka hidup selama **17.2** tahun lagi dan **perempuan** selama **20.1** tahun lagi

### PADA UMUR 65 TAHUN

Lelaki  
**13.6**  
tahun

Perempuan  
**16.1**  
tahun

2013: 14.6 tahun      2013: 16.7 tahun

Seorang **lelaki** yang berumur **65** tahun pada **2023** dijangka hidup selama **13.6** tahun lagi dan **perempuan** selama **16.1** tahun lagi

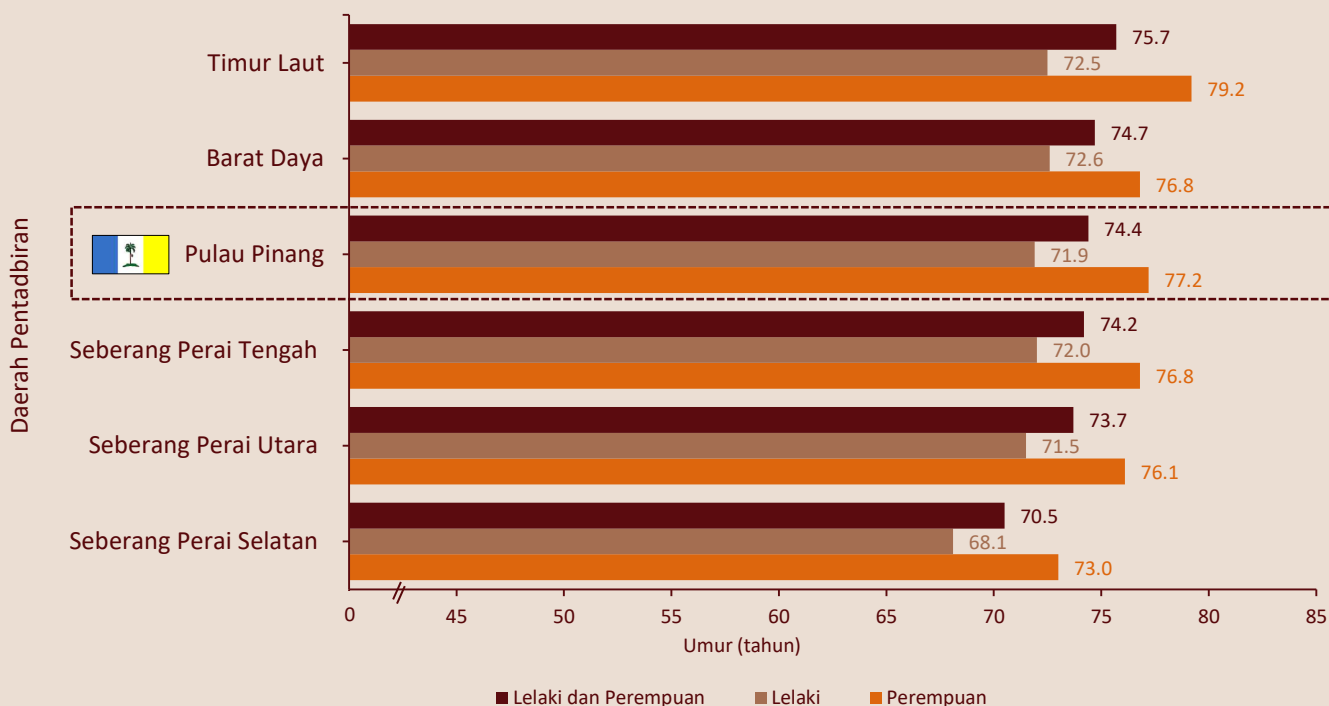
Nota: <sup>p</sup> Permulaan    <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## JANGKAAN HAYAT KETIKA LAHIR MENGIKUT DAERAH PENTADBIRAN, PULAU PINANG, 2023<sup>e</sup>



### JANGKAAN HAYAT MENGIKUT DAERAH PENTADBIRAN

Dua daerah pentadbiran mencatatkan jangkaan hayat melebihi jangkaan hayat **paras negeri Pulau Pinang** (74.4 tahun) iaitu **Timur Laut** (75.7 tahun) dan **Barat Daya** (74.7 tahun)

Nota: <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## INDIKATOR DEMOGRAFI MENGIKUT DAERAH PENTADBIRAN, PULAU PINANG

Daerah Pentadbiran	Penduduk			Kematian			Kelahiran Hidup		
	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan
Pulau Pinang	1,771,587	907,699	863,888	13,978	7,781	6,197	18,571	9,510	9,061
Seberang Perai Tengah	433,311	230,523	202,788	2,901	1,601	1,300	4,661	2,353	2,308
Seberang Perai Utara	346,409	176,076	170,333	2,691	1,510	1,181	4,580	2,362	2,218
Seberang Perai Selatan	186,596	93,940	92,656	1,498	866	632	2,612	1,341	1,271
Timur Laut	561,318	284,417	276,901	5,139	2,816	2,323	3,752	1,924	1,828
Barat Daya	243,953	122,743	121,210	1,749	988	761	2,966	1,530	1,436

**Nota:**

Statistik penduduk merujuk kepada anggaran penduduk pertengahan tahun 2023  
Statistik kematian dan kelahiran hidup merujuk pada tahun 2021

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## SABAH

### LELAKI DAN PEREMPUAN

2013  
**73.5**  
tahun

2023<sup>e</sup>  
**74.1**  
tahun



### LELAKI

2013  
**71.9**  
tahun

2023<sup>e</sup>  
**72.2**  
tahun



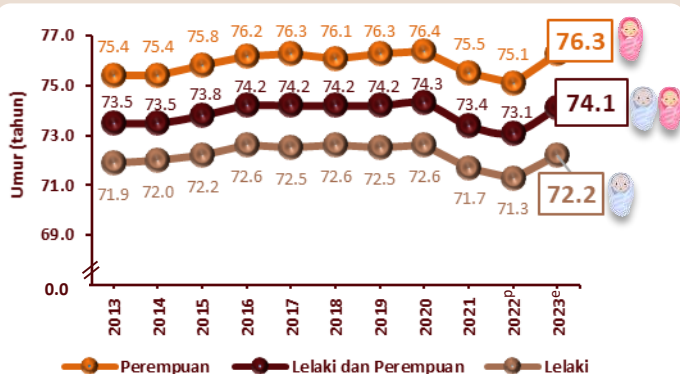
### PEREMPUAN

2013  
**75.4**  
tahun

2023<sup>e</sup>  
**76.3**  
tahun



## JANGKAAN HAYAT KETIKA LAHIR, 2013 - 2023<sup>e</sup>



### PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2023 di Sabah dijangka boleh hidup sehingga **76.3** tahun manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **72.2** tahun.

Bagi tempoh 2013 hingga 2019 (6 tahun), **jangkaan hayat ketika lahir meningkat 0.7 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 1.2 tahun** dengan jangkaan hayat ketika lahir bagi lelaki dan perempuan masing-masing menurun 1.3 tahun. Pada tahun 2023, **jangkaan hayat ketika lahir mencatatkan peningkatan 1.0 tahun** berbanding 2022. Peningkatan jangkaan hayat ini disebabkan jumlah kematian pada tahun 2023 telah bertambah baik berbanding 2021 dan 2022 yang mana berlakunya lebih kematian semasa pandemik COVID-19.

## JANGKAAN HAYAT PADA UMUR TERTENTU, 2023<sup>e</sup>

### KETIKA LAHIR

Lelaki  
**72.2**  
tahun

Perempuan  
**76.3**  
tahun

2013: 71.9 tahun      2013: 75.4 tahun

Seorang **bayi lelaki** yang lahir pada 2023 dijangka hidup sehingga **72.2** tahun dan **bayi perempuan** sehingga **76.3** tahun

### PADA UMUR 15 TAHUN

Lelaki  
**58.1**  
tahun

Perempuan  
**62.1**  
tahun

2013: 58.0 tahun      2013: 61.4 tahun

Seorang **lelaki** yang berumur **15 tahun** pada 2023 dijangka hidup selama **58.1** tahun lagi dan **perempuan** selama **62.1** tahun lagi

### PADA UMUR 60 TAHUN

Lelaki  
**18.2**  
tahun

Perempuan  
**20.7**  
tahun

2013: 17.1 tahun      2013: 19.4 tahun

Seorang **lelaki** yang berumur **60 tahun** pada 2023 dijangka hidup selama **18.2** tahun lagi dan **perempuan** selama **20.7** tahun lagi

### PADA UMUR 65 TAHUN

Lelaki  
**15.3**  
tahun

Perempuan  
**17.2**  
tahun

2013: 13.3 tahun      2013: 15.4 tahun

Seorang **lelaki** yang berumur **65 tahun** pada 2023 dijangka hidup selama **15.3** tahun lagi dan **perempuan** selama **17.2** tahun lagi

Nota: <sup>p</sup> Permulaan    <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## JANGKAAN HAYAT KETIKA LAHIR MENGIKUT DAERAH PENTADBIRAN, SABAH, 2023<sup>e</sup>

Rank	Daerah Pentadbiran	Lelaki dan Perempuan	Lelaki	Perempuan
1	Kalabakan	78.9	76.0	82.8
2	Tongod	78.1	75.8	81.5
3	Kinabatangan	77.7	76.6	79.2
4	Kota Kinabalu	77.3	75.3	79.5
5	Sandakan	76.7	75.7	77.8
6	Penampang	75.8	73.1	79.4
7	Tawau	75.6	73.9	77.6
8	Lahad Datu	75.5	73.9	77.5
9	Nabawan	74.7	73.3	75.8
10	Telupid	74.4	73.5	78.3
	<b>Sabah</b>	<b>74.1</b>	<b>72.2</b>	<b>76.3</b>
11	Keningau	74.0	71.8	76.5
12	Beluran	73.6	73.1	74.0
13	Kunak	73.4	72.3	74.7
14	Semporna	72.9	71.6	74.3
15	Kudat	72.2	69.4	75.7
16	Ranau	71.7	69.8	73.8
17	Putatan	71.7	67.3	77.2
18	Kota Belud	71.4	69.6	73.4
19	Tuaran	70.9	68.8	73.3
20	Papar	70.2	67.8	73.2
21	Kota Marudu	69.9	66.6	73.5
22	Pitas	69.3	68.3	70.4
23	Sipitang	68.4	67.6	69.6
24	Tambunan	68.3	66.3	70.5
25	Tenom	67.6	64.3	72.0
26	Beaufort	66.6	65.0	68.7
27	Kuala Penyu	64.4	62.7	68.1

### JANGKAAN HAYAT MENGIKUT DAERAH PENTADBIRAN

**10 daerah pentadbiran** mencatatkan jangkaan hayat melebihi jangkaan hayat **paras negeri Sabah** (74.1 tahun) iaitu **Kalabakan** (78.9 tahun), **Tongod** (78.1 tahun), **Kinabatangan** (77.7 tahun), **Kota Kinabalu** (77.3 tahun), **Sandakan** (76.7 tahun), **Penampang** (75.8 tahun), **Tawau** (75.6 tahun), **Lahad Datu** (75.5 tahun), **Nabawan** (74.7 tahun) dan **Telupid** (74.4 tahun)

Nota: <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAIN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## INDIKATOR DEMOGRAFI MENGIKUT DAERAH PENTADBIRAN, SABAH

Daerah Pentadbiran	Penduduk			Kematian			Kelahiran Hidup		
	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan
<b>Sabah</b>	<b>3,592,837</b>	<b>1,874,825</b>	<b>1,718,012</b>	<b>18,873</b>	<b>10,791</b>	<b>8,082</b>	<b>41,608</b>	<b>21,544</b>	<b>20,064</b>
Tawau	393,759	205,239	188,520	1,984	1,181	803	4,016	2,094	1,922
Lahad Datu	241,248	128,300	112,948	956	544	412	2,817	1,448	1,369
Semporna	185,959	95,453	90,506	793	411	382	2,749	1,437	1,312
Sandakan	469,704	243,142	226,562	2,097	1,220	877	4,131	2,147	1,984
Kinabatangan	148,972	82,860	66,112	270	157	113	645	355	290
Beluran	83,825	45,413	38,412	349	197	152	791	435	356
Kota Kinabalu	525,345	270,203	255,142	2,161	1,263	898	4,684	2,423	2,261
Ranau	87,492	45,122	42,370	564	326	238	1,419	711	708
Kota Belud	109,531	55,064	54,467	866	458	408	1,618	829	789
Tuaran	139,891	71,103	68,788	1,031	549	482	1,839	980	859
Penampang	165,683	87,635	78,048	854	523	331	1,518	772	746
Papar	154,581	82,354	72,227	1,054	592	462	2,111	1,085	1,026
Kudat	90,616	46,058	44,558	755	422	333	1,431	727	704
Kota Marudu	72,342	37,028	35,314	621	363	258	1,565	795	770
Pitas	37,909	19,542	18,367	391	224	167	802	410	392
Beaufort	77,051	39,883	37,168	719	431	288	1,074	557	517
Kuala Penyu	24,165	12,166	11,999	254	151	103	325	151	174
Sipitang	39,295	20,484	18,811	274	147	127	572	294	278
Tenom	52,933	27,157	25,776	468	262	206	879	458	421
Nabawan	30,078	15,969	14,109	174	97	77	699	350	349
Keningau	155,965	80,516	75,449	953	545	408	2,781	1,457	1,324
Tambunan	32,715	16,626	16,089	229	135	94	629	330	299
Kunak	76,083	41,184	34,899	261	133	128	914	477	437
Tongod	43,939	23,754	20,185	151	84	67	353	172	181
Putatan	70,197	36,715	33,482	404	224	180	812	417	395
Telupid	30,318	16,563	13,755	116	81	35	335	177	158
Kalabakan	53,241	29,292	23,949	124	71	53	99	56	43

**Nota:**

Statistik penduduk merujuk kepada anggaran penduduk pertengahan tahun 2023

Statistik kematian dan kelahiran hidup merujuk pada tahun 2021

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAIN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## SARAWAK

### LELAKI DAN PEREMPUAN

2013  
**76.1**  
tahun

2023<sup>e</sup>  
**74.9**  
tahun



### LELAKI

2013  
**74.4**  
tahun

2023<sup>e</sup>  
**72.6**  
tahun



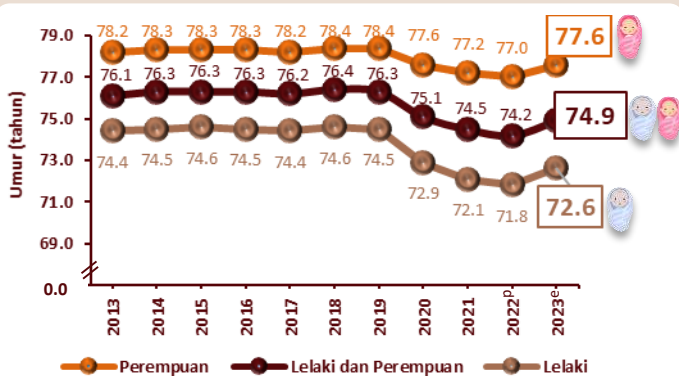
### PEREMPUAN

2013  
**78.2**  
tahun

2023<sup>e</sup>  
**77.6**  
tahun



## JANGKAAN HAYAT KETIKA LAHIR, 2013 - 2023<sup>e</sup>



### PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2023 di Sarawak dijangka boleh hidup sehingga **77.6** tahun manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **72.6** tahun.

Bagi tempoh 2013 hingga 2019 (6 tahun), **jangkaan hayat ketika lahir meningkat 0.2 tahun** dengan lelaki meningkat 0.1 tahun dan perempuan, 0.2 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 1.1 tahun manakala perempuan menurun 0.6 tahun. Pada tahun 2023, **jangkaan hayat ketika lahir mencatatkan peningkatan 0.7 tahun** berbanding 2022. Peningkatan jangkaan hayat ini disebabkan jumlah kematian pada tahun 2023 telah bertambah baik berbanding 2021 dan 2022 yang mana berlakunya lebih kematian semasa pandemik COVID-19.

## JANGKAAN HAYAT PADA UMUR TERTENTU, 2023<sup>e</sup>

### KETIKA LAHIR

Lelaki  
**72.6**  
tahun

Perempuan  
**77.6**  
tahun

2013: 74.4 tahun      2013: 78.2 tahun

Seorang **bayi lelaki** yang lahir pada 2023 dijangka hidup sehingga **72.6** tahun dan **bayi perempuan** sehingga **77.6** tahun

### PADA UMUR 15 TAHUN

Lelaki  
**58.4**  
tahun

Perempuan  
**63.4**  
tahun

2013: 60.3 tahun      2013: 63.8 tahun

Seorang **lelaki** yang berumur **15 tahun** pada 2023 dijangka hidup selama **58.4 tahun** lagi dan **perempuan** selama **63.4 tahun** lagi

### PADA UMUR 60 TAHUN

Lelaki  
**18.9**  
tahun

Perempuan  
**21.5**  
tahun

2013: 19.5 tahun      2013: 21.4 tahun

Seorang **lelaki** yang berumur **60 tahun** pada 2023 dijangka hidup selama **18.9 tahun** lagi dan **perempuan** selama **21.5 tahun** lagi

### PADA UMUR 65 TAHUN

Lelaki  
**15.2**  
tahun

Perempuan  
**17.3**  
tahun

2013: 15.7 tahun      2013: 17.3 tahun

Seorang **lelaki** yang berumur **65 tahun** pada 2023 dijangka hidup selama **15.2 tahun** lagi dan **perempuan** selama **17.3 tahun** lagi

Nota: <sup>p</sup> Permulaan <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## JANGKAAN HAYAT KETIKA LAHIR MENGIKUT DAERAH PENTADBIRAN, SARAWAK, 2023<sup>e</sup>

Rank	Daerah Pentadbiran	Lelaki dan Perempuan	Lelaki	Perempuan
1	Samarahan	<b>80.2</b>	78.4	81.9
2	Kuching	<b>77.0</b>	74.4	80.0
3	Bintulu	<b>77.0</b>	75.3	78.9
4	Sibu	<b>75.9</b>	73.4	78.8
5	Sri Aman	<b>75.4</b>	72.1	79.2
6	Tebedu	<b>75.4</b>	75.3	75.2
7	Serian	<b>75.0</b>	73.7	78.8
8	Belaga	<b>75.0</b>	71.7	80.0
	<b>Sarawak</b>	<b>74.9</b>	<b>72.6</b>	<b>77.6</b>
9	Miri	<b>74.9</b>	72.8	77.5
10	Bau	<b>74.6</b>	72.1	79.2
11	Lubok Antu	<b>74.5</b>	68.2	79.6
12	Lundu	<b>74.2</b>	71.5	79.4
13	Tatau	<b>74.2</b>	71.5	77.9
14	Matu	<b>74.1</b>	72.4	76.1
15	Asajaya	<b>74.1</b>	71.0	78.6
16	Sarikei	<b>73.7</b>	71.0	78.0
17	Telang Usan	<b>73.4</b>	71.3	76.6
18	Limbang	<b>73.4</b>	70.9	76.1
19	Selangau	<b>73.2</b>	70.5	76.8
20	Kapit	<b>73.0</b>	70.1	76.8

Rank	Daerah Pentadbiran	Lelaki dan Perempuan	Lelaki	Perempuan
21	Simunjan	<b>72.6</b>	70.5	76.5
22	Lawas	<b>72.6</b>	71.5	73.9
23	Dalat	<b>72.5</b>	68.8	78.2
24	Saratok	<b>72.4</b>	69.0	76.9
25	Julau	<b>72.1</b>	69.1	72.9
26	Mukah	<b>72.1</b>	70.1	73.6
27	Sebauh	<b>71.4</b>	72.0	72.8
28	Beluru	<b>71.4</b>	66.0	75.9
29	Pusa	<b>71.3</b>	69.2	72.4
30	Daro	<b>71.2</b>	69.7	72.8
31	Subis	<b>71.2</b>	71.3	71.8
32	Betong	<b>71.1</b>	69.4	73.1
33	Pakan	<b>71.1</b>	67.8	74.2
34	Kabong	<b>70.8</b>	67.7	74.4
35	Maradong	<b>69.9</b>	66.8	74.0
36	Tanjung Manis	<b>69.8</b>	66.7	71.6
37	Song	<b>69.0</b>	63.3	73.7
38	Marudi	<b>68.2</b>	66.6	70.5
39	Bukit Mabong	<b>66.8</b>	66.4	66.5
40	Kanowit	<b>66.8</b>	59.6	74.5

### JANGKAAN HAYAT MENGIKUT DAERAH PENTADBIRAN

Lapan daerah pentadbiran mencatatkan jangkaan hayat melebihi jangkaan hayat paras negeri Sarawak (74.9 tahun) iaitu **Samarahan** (80.2 tahun), **Kuching** (77.0 tahun), **Bintulu** (77.0 tahun), **Sibu** (75.9 tahun), **Sri Aman** (75.4 tahun), **Tebedu** (75.4 tahun), **Serian** (75.0 tahun) dan **Belaga** (75.0 tahun)

Nota: <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAPAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## INDIKATOR DEMOGRAFI MENGIKUT DAERAH PENTADBIRAN, SARAWAK

Daerah Pentadbiran	Penduduk			Kematian			Kelahiran Hidup		
	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan
<b>Sarawak</b>	<b>2,509,522</b>	<b>1,297,168</b>	<b>1,212,354</b>	<b>17,596</b>	<b>10,209</b>	<b>7,387</b>	<b>31,274</b>	<b>16,062</b>	<b>15,212</b>
Kuching	621,656	313,540	308,116	3,452	1,972	1,480	7,143	3,662	3,481
Bau	53,509	27,706	25,803	429	277	152	781	411	370
Lundu	34,350	18,385	15,965	241	138	103	528	279	249
Samarahan	134,614	65,263	69,351	354	219	135	1,428	735	693
Serian	86,988	44,565	42,423	794	479	315	1,302	650	652
Simunjan	37,016	19,418	17,598	352	200	152	739	365	374
Sri Aman	61,234	31,587	29,647	642	361	281	787	414	373
Lubok Antu	24,638	12,441	12,197	295	171	124	293	155	138
Betong	36,794	19,106	17,688	444	258	186	700	384	316
Saratok	23,271	11,439	11,832	281	143	138	359	171	188
Sarikei	44,700	22,425	22,275	429	263	166	686	370	316
Maradong	20,701	10,325	10,376	265	150	115	353	192	161
Daro	20,063	10,864	9,199	178	108	70	397	200	197
Julau	15,474	7,664	7,810	190	109	81	244	124	120
Sibu	253,953	131,245	122,708	2,004	1,157	847	2,605	1,301	1,304
Dalat	21,757	11,299	10,458	184	97	87	317	179	138
Mukah	42,957	22,717	20,240	375	222	153	657	333	324
Kanowit	24,803	12,369	12,434	406	221	185	395	208	187
Bintulu	186,562	101,242	85,320	594	377	217	1,680	874	806
Tatau	32,281	17,678	14,603	199	105	94	337	165	172
Kapit	36,677	18,448	18,229	380	206	174	474	252	222

**Nota:**

Statistik penduduk merujuk kepada anggaran penduduk pertengahan tahun 2023

Statistik kematian dan kelahiran hidup merujuk pada tahun 2021

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## INDIKATOR DEMOGRAFI MENGIKUT DAERAH PENTADBIRAN, SARAWAK

Daerah Pentadbiran	Penduduk			Kematian			Kelahiran Hidup		
	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan
Song	10,155	4,937	5,218	179	110	69	232	119	113
Belaga	22,919	13,119	9,800	127	80	47	287	147	140
Miri	255,098	133,558	121,540	1,396	838	558	2,823	1,447	1,376
Marudi	18,877	10,024	8,853	191	117	74	381	184	197
Limbang	46,213	23,706	22,507	342	204	138	626	317	309
Lawas	37,829	19,279	18,550	289	179	110	627	327	300
Matu	16,682	9,040	7,642	187	109	78	266	153	113
Asajaya	34,474	17,563	16,911	277	150	127	616	314	302
Pakan	15,599	8,200	7,399	196	108	88	231	121	110
Selangau	20,329	10,514	9,815	126	69	57	208	113	95
Tebedu	25,444	12,913	12,531	201	117	84	322	182	140
Pusa	20,011	10,312	9,699	236	105	131	339	171	168
Kabong	18,765	9,418	9,347	211	128	83	397	191	206
Tanjung Manis	7,958	4,187	3,771	85	40	45	136	64	72
Sebauh	31,897	18,195	13,702	181	103	78	236	119	117
Bukit Mabong	10,519	6,421	4,098	108	48	60	326	177	149
Subis	57,068	31,608	25,460	451	265	186	730	351	379
Beluru	28,284	15,166	13,118	202	127	75	186	92	94
Telang Usan	17,403	9,282	8,121	123	79	44	100	49	51

**Nota:**

Statistik penduduk merujuk kepada anggaran penduduk pertengahan tahun 2023  
Statistik kematian dan kelahiran hidup merujuk pada tahun 2021

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## SELANGOR

### LELAKI DAN PEREMPUAN

2013  
**75.1**  
tahun

2023<sup>e</sup>  
**78.1**  
tahun



### LELAKI

2013  
**73.2**  
tahun

2023<sup>e</sup>  
**76.1**  
tahun



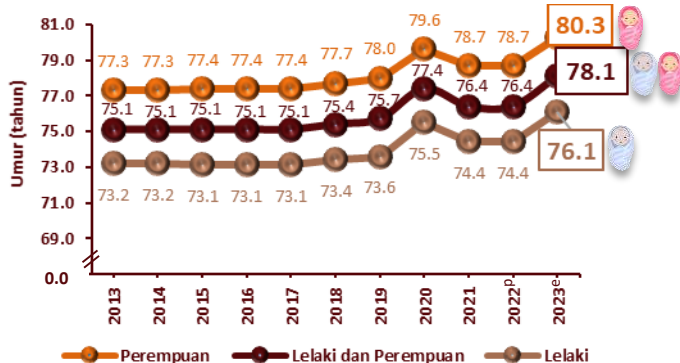
### PEREMPUAN

2013  
**77.3**  
tahun

2023<sup>e</sup>  
**80.3**  
tahun



## JANGKAAN HAYAT KETIKA LAHIR, 2013 - 2023<sup>e</sup>



### PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2023 di Selangor dijangka boleh hidup sehingga **80.3** tahun manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **76.1** tahun.

Bagi tempoh 2013 hingga 2019 (6 tahun), **jangkaan hayat ketika lahir meningkat 0.6 tahun** dengan lelaki meningkat **0.4 tahun** dan perempuan, **0.7 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**. Pada tahun 2023, **jangkaan hayat ketika lahir mencatatkan peningkatan 1.7 tahun** berbanding 2022. Peningkatan jangkaan hayat ini disebabkan jumlah kematian pada tahun 2023 telah bertambah baik berbanding 2021 dan 2022 yang mana berlakunya lebih kematian semasa pandemik COVID-19.

## JANGKAAN HAYAT PADA UMUR TERTENTU, 2023<sup>e</sup>

### KETIKA LAHIR

Lelaki  
**76.1**  
tahun

Perempuan  
**80.3**  
tahun

2013: 73.2 tahun      2013: 77.3 tahun

Seorang **bayi lelaki** yang lahir pada **2023** dijangka hidup sehingga **76.1 tahun** dan **bayi perempuan** sehingga **80.3 tahun**

### PADA UMUR 15 TAHUN

Lelaki  
**61.8**  
tahun

Perempuan  
**65.9**  
tahun

2013: 58.9 tahun      2013: 62.9 tahun

Seorang **lelaki** yang berumur **15 tahun** pada **2023** dijangka hidup selama **61.8 tahun** lagi dan **perempuan** selama **65.9 tahun** lagi

### PADA UMUR 60 TAHUN

Lelaki  
**21.0**  
tahun

Perempuan  
**23.3**  
tahun

2013: 18.2 tahun      2013: 20.3 tahun

Seorang **lelaki** yang berumur **60 tahun** pada **2023** dijangka hidup selama **21.0 tahun** lagi dan **perempuan** selama **23.3 tahun** lagi

### PADA UMUR 65 TAHUN

Lelaki  
**17.4**  
tahun

Perempuan  
**19.2**  
tahun

2013: 14.6 tahun      2013: 16.3 tahun

Seorang **lelaki** yang berumur **65 tahun** pada **2023** dijangka hidup selama **17.4 tahun** lagi dan **perempuan** selama **19.2 tahun** lagi

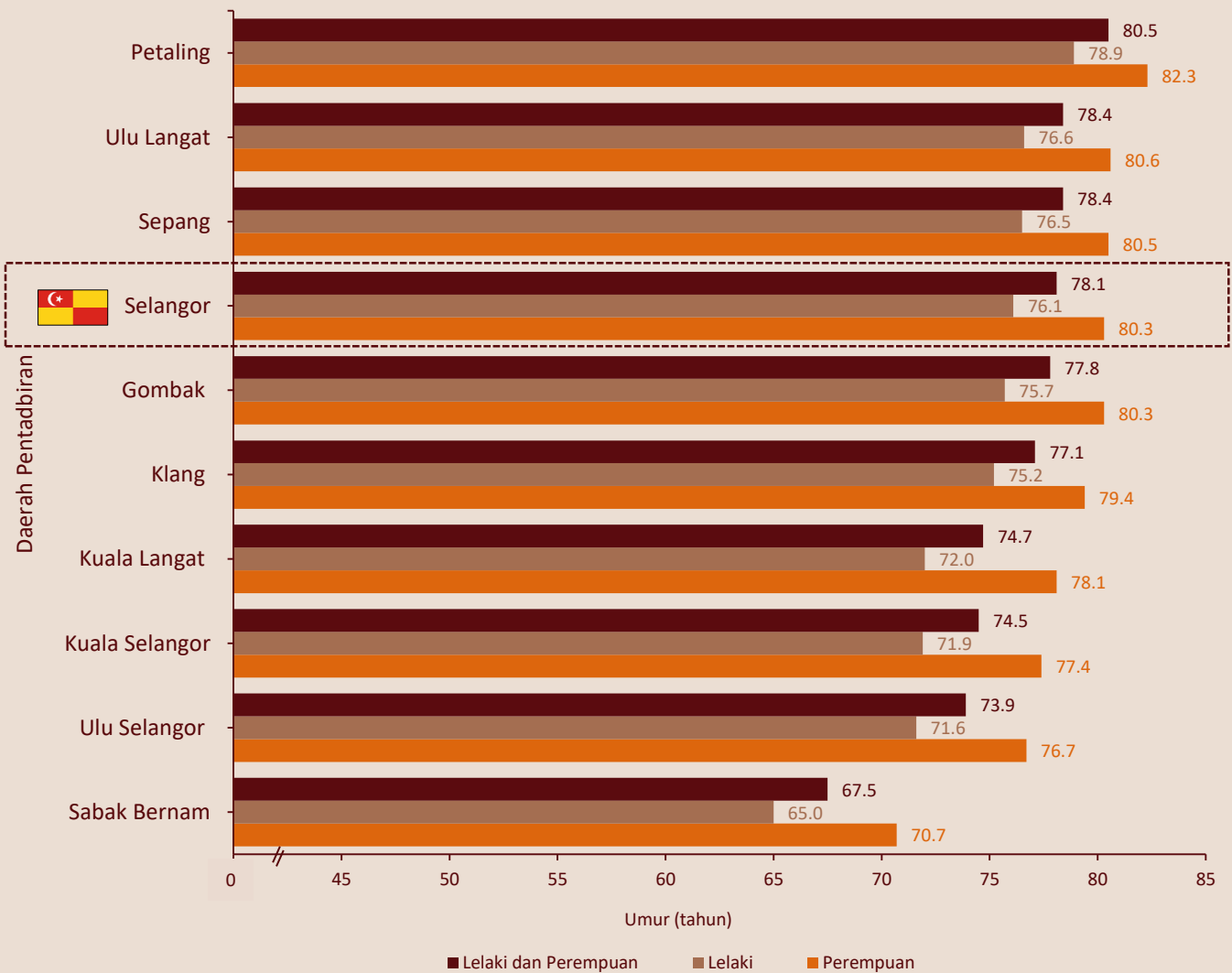
Nota: <sup>p</sup> Permulaan    <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## JANGKAAN HAYAT KETIKA LAHIR MENGIKUT DAERAH PENTADBIRAN, SELANGOR, 2023<sup>e</sup>



### JANGKAAN HAYAT MENGIKUT DAERAH PENTADBIRAN

Tiga daerah pentadbiran mencatatkan jangkaan hayat melebihi jangkaan hayat **paras negeri Selangor** (78.1 tahun) iaitu **Petaling** (80.5 tahun), **Ulu Langat** (78.4 tahun) dan **Sepang** (78.4 tahun)

Nota: <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAPAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## INDIKATOR DEMOGRAFI MENGIKUT DAERAH PENTADBIRAN, SELANGOR

Daerah Pentadbiran	Penduduk			Kematian			Kelahiran Hidup		
	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan
Selangor	7,205,268	3,828,407	3,376,861	42,051	24,531	17,520	90,118	46,638	43,480
Gombak	965,627	503,359	462,268	5,770	3,359	2,411	12,103	6,256	5,847
Klang	1,132,760	619,673	513,087	7,717	4,538	3,179	14,843	7,683	7,160
Kuala Langat	320,241	167,675	152,566	2,170	1,244	926	5,663	2,937	2,726
Kuala Selangor	292,964	150,060	142,904	1,783	1,042	741	4,703	2,427	2,276
Petaling	2,334,202	1,238,365	1,095,837	11,605	6,728	4,877	23,399	12,128	11,271
Sabak Bernam	109,102	56,887	52,215	1,166	666	500	1,971	1,035	936
Sepang	338,556	181,230	157,326	1,497	857	640	5,397	2,771	2,626
Ulu Langat	1,459,793	776,791	683,002	8,801	5,162	3,639	18,561	9,625	8,936
Ulu Selangor	252,023	134,367	117,656	1,542	935	607	3,478	1,776	1,702

**Nota:**

Statistik penduduk merujuk kepada anggaran penduduk pertengahan tahun 2023  
Statistik kematian dan kelahiran hidup merujuk pada tahun 2021

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## TERENGGANU

### LELAKI DAN PEREMPUAN

2013  
**71.3**  
tahun

2023<sup>e</sup>  
**71.2**  
tahun



### LELAKI

2013  
**68.6**  
tahun

2023<sup>e</sup>  
**69.2**  
tahun



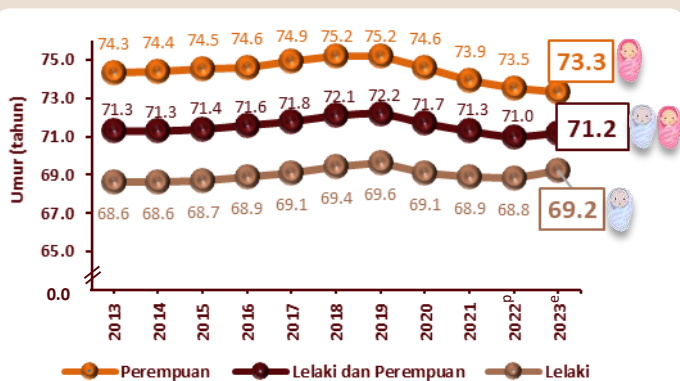
### PEREMPUAN

2013  
**74.3**  
tahun

2023<sup>e</sup>  
**73.3**  
tahun



## JANGKAAN HAYAT KETIKA LAHIR, 2013 - 2023<sup>e</sup>



### PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2023 di Terengganu dijangka boleh hidup sehingga **73.3** tahun manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **69.2** tahun.

Bagi tempoh 2013 hingga 2019 (6 tahun), **jangkaan hayat ketika lahir meningkat 0.9 tahun** dengan lelaki meningkat **1.0 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 0.3 tahun** manakala **perempuan menurun 1.1 tahun**. Pada tahun 2023, **jangkaan hayat ketika lahir mencatatkan peningkatan 0.2 tahun** berbanding 2022. Peningkatan jangkaan hayat ini disebabkan jumlah kematian pada tahun 2023 telah bertambah baik berbanding 2021 dan 2022 yang mana berlakunya lebih kematian semasa pandemik COVID-19.

## JANGKAAN HAYAT PADA UMUR TERTENTU, 2023<sup>e</sup>

### KETIKA LAHIR

Lelaki

**69.2**  
tahun

2013: 68.6 tahun

Perempuan

**73.3**  
tahun

2013: 74.3 tahun

Seorang **bayi lelaki** yang lahir pada **2023** dijangka hidup sehingga **69.2 tahun** dan **bayi perempuan** sehingga **73.3 tahun**

### PADA UMUR 15 TAHUN

Lelaki

**55.0**  
tahun

2013: 54.7 tahun

Perempuan

**59.1**  
tahun

2013: 60.1 tahun

Seorang **lelaki** yang berumur **15 tahun** pada **2023** dijangka hidup selama **55.0 tahun** lagi dan **perempuan** selama **59.1 tahun** lagi

### PADA UMUR 60 TAHUN

Lelaki

**16.0**  
tahun

2013: 16.4 tahun

Perempuan

**18.1**  
tahun

2013: 18.6 tahun

Seorang **lelaki** yang berumur **60 tahun** pada **2023** dijangka hidup selama **16.0 tahun** lagi dan **perempuan** selama **18.1 tahun** lagi

### PADA UMUR 65 TAHUN

Lelaki

**12.8**  
tahun

2013: 13.0 tahun

Perempuan

**14.6**  
tahun

2013: 14.7 tahun

Seorang **lelaki** yang berumur **65 tahun** pada **2023** dijangka hidup selama **12.8 tahun** lagi dan **perempuan** selama **14.6 tahun** lagi

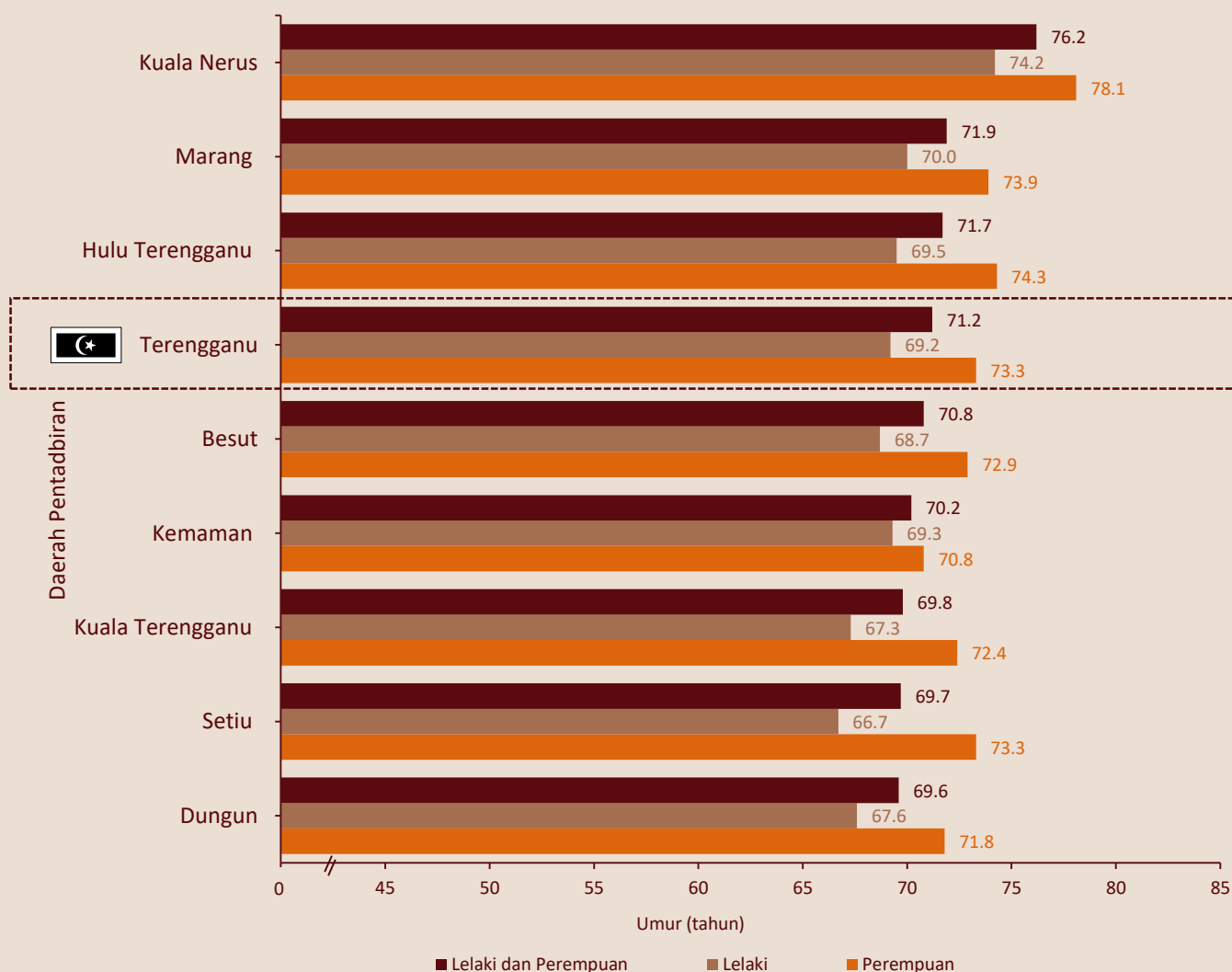
Nota: <sup>p</sup> Permulaan <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## JANGKAAN HAYAT KETIKA LAHIR MENGIKUT DAERAH PENTADBIRAN, TERENGGANU, 2023<sup>e</sup>



### JANGKAAN HAYAT MENGIKUT DAERAH PENTADBIRAN

Tiga daerah pentadbiran mencatatkan jangkaan hayat melebihi jangkaan hayat paras negeri Terengganu (71.2 tahun) iaitu **Kuala Nerus** (76.2 tahun), **Marang** (71.9 tahun) dan **Hulu Terengganu** (71.7 tahun)

Nota: <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## INDIKATOR DEMOGRAFI MENGIKUT DAERAH PENTADBIRAN, TERENGGANU

Daerah Pentadbiran	Penduduk			Kematian			Kelahiran Hidup		
	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan
<b>Terengganu</b>	<b>1,209,376</b>	<b>620,281</b>	<b>589,095</b>	<b>8,469</b>	<b>4,645</b>	<b>3,824</b>	<b>26,337</b>	<b>13,632</b>	<b>12,705</b>
Besut	162,584	82,857	79,727	1,227	677	550	3,734	1,962	1,772
Dungun	165,154	84,958	80,196	1,161	634	527	3,425	1,756	1,669
Kemaman	226,575	119,602	106,973	1,241	718	523	4,174	2,148	2,026
Kuala Terengganu	240,952	121,614	119,338	2,051	1,121	930	5,978	3,072	2,906
Marang	123,988	63,246	60,742	837	438	399	2,841	1,487	1,354
Hulu Terengganu	73,677	39,343	34,334	591	301	290	1,671	862	809
Setiu	62,887	32,100	30,787	512	272	240	1,468	757	711
Kuala Nerus	153,559	76,561	76,998	849	484	365	3,046	1,588	1,458

**Nota:**

Statistik penduduk merujuk kepada anggaran penduduk pertengahan tahun 2023  
Statistik kematian dan kelahiran hidup merujuk pada tahun 2021

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## W.P. KUALA LUMPUR

### LELAKI DAN PEREMPUAN

2013  
**76.0**  
tahun



2023<sup>e</sup>  
**76.5**  
tahun

### LELAKI

2013  
**74.1**  
tahun



2023<sup>e</sup>  
**74.4**  
tahun

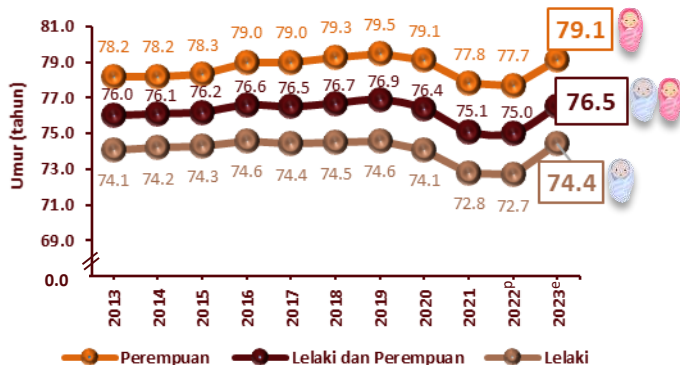
### PEREMPUAN

2013  
**78.2**  
tahun



2023<sup>e</sup>  
**79.1**  
tahun

## JANGKAAN HAYAT KETIKA LAHIR, 2013 - 2023<sup>e</sup>



### PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2023 di W.P. Kuala Lumpur dijangka boleh hidup sehingga **79.1 tahun** manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **74.4 tahun**.

Bagi tempoh 2013 hingga 2019 (6 tahun), **jangkaan hayat ketika lahir meningkat 0.9 tahun** dengan lelaki meningkat 0.5 tahun dan perempuan, **1.3 tahun**. Walau bagaimanapun, bagi tahun 2020 hingga 2022 (3 tahun), **jangkaan hayat ketika lahir menurun 1.4 tahun** dengan jangkaan hayat ketika lahir bagi lelaki dan perempuan masing-masing juga **menurun 1.4 tahun**. Pada tahun 2023, **jangkaan hayat ketika lahir mencatatkan peningkatan 1.5 tahun** berbanding 2022. Peningkatan jangkaan hayat ini disebabkan jumlah kematian pada tahun 2023 telah bertambah baik berbanding 2021 dan 2022 yang mana berlakunya lebih kematian semasa pandemik COVID-19.

## JANGKAAN HAYAT PADA UMUR TERTENTU, 2023<sup>e</sup>

### KETIKA LAHIR

Lelaki

**74.4**  
tahun

2013: 74.1 tahun

Perempuan

**79.1**  
tahun

2013: 78.2 tahun

Seorang **bayi lelaki** yang lahir pada **2023** dijangka hidup sehingga **74.4 tahun** dan **bayi perempuan** sehingga **79.1 tahun**

### PADA UMUR 15 TAHUN

Lelaki

**60.1**  
tahun

2013: 59.8 tahun

Perempuan

**64.7**  
tahun

2013: 63.7 tahun

Seorang **lelaki** yang berumur **15 tahun** pada **2023** dijangka hidup selama **60.1 tahun** lagi dan **perempuan** selama **64.7 tahun** lagi

### PADA UMUR 60 TAHUN

Lelaki

**18.9**  
tahun

2013: 19.1 tahun

Perempuan

**21.9**  
tahun

2013: 21.1 tahun

Seorang **lelaki** yang berumur **60 tahun** pada **2023** dijangka hidup selama **18.9 tahun** lagi dan **perempuan** selama **21.9 tahun** lagi

### PADA UMUR 65 TAHUN

Lelaki

**15.5**  
tahun

2013: 15.5 tahun

Perempuan

**18.0**  
tahun

2013: 17.0 tahun

Seorang **lelaki** yang berumur **65 tahun** pada **2023** dijangka hidup selama **15.5 tahun** lagi dan **perempuan** selama **18.0 tahun** lagi

Nota: <sup>p</sup> Permulaan <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## W.P. LABUAN

### LELAKI DAN PEREMPUAN

2013  
**75.3**  
tahun

2023<sup>e</sup>  
**76.1**  
tahun



### LELAKI

2013  
**73.8**  
tahun

2023<sup>e</sup>  
**75.2**  
tahun



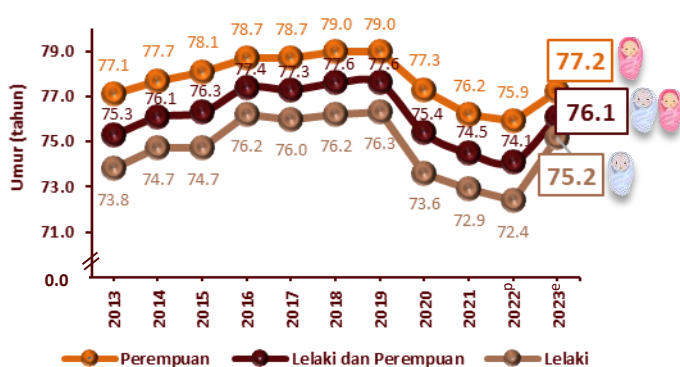
### PEREMPUAN

2013  
**77.1**  
tahun

2023<sup>e</sup>  
**77.2**  
tahun



## JANGKAAN HAYAT KETIKA LAHIR, 2013 - 2023<sup>e</sup>



### PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2023 di W.P. Labuan dijangka boleh hidup sehingga **77.2** tahun manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **75.2** tahun.

Bagi tempoh 2013 hingga 2019 (6 tahun), **jangkaan hayat ketika lahir meningkat 2.3 tahun** dengan lelaki meningkat 2.5 tahun dan perempuan, 1.9 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. Pada tahun 2023, **jangkaan hayat ketika lahir mencatatkan peningkatan 2.0 tahun** berbanding 2022. Peningkatan jangkaan hayat ini disebabkan jumlah kematian pada tahun 2023 telah bertambah baik berbanding 2021 dan 2022 yang mana berlakunya lebih kematian semasa pandemik COVID-19.

## JANGKAAN HAYAT PADA UMUR TERTENTU, 2023<sup>e</sup>

### KETIKA LAHIR

Lelaki  
**75.2**  
tahun

Perempuan  
**77.2**  
tahun

2013: 73.8 tahun      2013: 77.1 tahun

Seorang **bayi lelaki** yang lahir pada 2023 dijangka hidup sehingga **75.2** tahun dan **bayi perempuan** sehingga **77.2** tahun

### PADA UMUR 15 TAHUN

Lelaki  
**61.1**  
tahun

Perempuan  
**63.6**  
tahun

2013: 59.8 tahun      2013: 62.7 tahun

Seorang **lelaki** yang berumur **15 tahun** pada 2023 dijangka hidup selama **61.1** tahun lagi dan **perempuan** selama **63.6** tahun lagi

### PADA UMUR 60 TAHUN

Lelaki  
**19.8**  
tahun

Perempuan  
**21.5**  
tahun

2013: 18.6 tahun      2013: 19.6 tahun

Seorang **lelaki** yang berumur **60 tahun** pada 2023 dijangka hidup selama **19.8** tahun lagi dan **perempuan** selama **21.5** tahun lagi

### PADA UMUR 65 TAHUN

Lelaki  
**15.8**  
tahun

Perempuan  
**17.5**  
tahun

2013: 14.5 tahun      2013: 15.7 tahun

Seorang **lelaki** yang berumur **65 tahun** pada 2023 dijangka hidup selama **15.8** tahun lagi dan **perempuan** selama **17.5** tahun lagi

Nota: <sup>p</sup> Permulaan    <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAN MALAYSIA (DOSM)

# SEPINTAS LALU STATISTIK JANGKAAN HAYAT



## W.P. PUTRAJAYA

### LELAKI DAN PEREMPUAN

2013  
**71.7**  
tahun



2023<sup>e</sup>  
**75.3**  
tahun

### LELAKI

2013  
**71.6**  
tahun



2023<sup>e</sup>  
**73.3**  
tahun

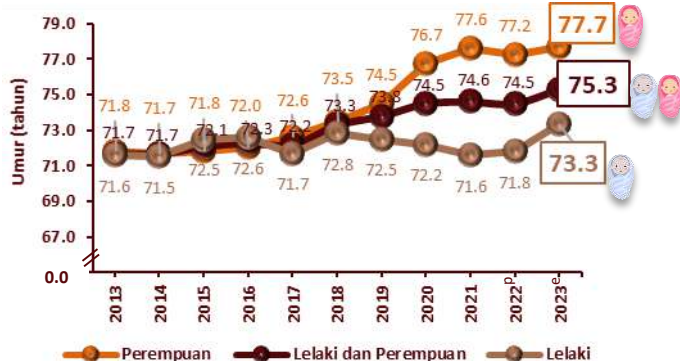
### PEREMPUAN

2013  
**71.8**  
tahun



2023<sup>e</sup>  
**77.7**  
tahun

## JANGKAAN HAYAT KETIKA LAHIR, 2013 - 2023<sup>e</sup>



### PENEMUAN UTAMA

Secara purata, seorang **bayi perempuan** yang lahir pada 2023 di W.P. Putrajaya dijangka boleh hidup sehingga **77.7 tahun** manakala seorang **bayi lelaki**, dijangka boleh hidup sehingga **73.3 tahun**.

Bagi tempoh 2013 hingga 2019 (6 tahun), **jangkaan hayat ketika lahir meningkat 2.1 tahun dengan lelaki meningkat 0.9 tahun dan perempuan, 2.7 tahun**. Walau bagaimanapun, bagi tahun 2020 hingga 2022 (3 tahun), **jangkaan hayat ketika lahir kekal tidak berubah** dengan jangkaan hayat ketika lahir bagi **lelaki menurun 0.4 tahun** manakala **perempuan meningkat 0.5 tahun**. Pada tahun 2023, **jangkaan hayat ketika lahir mencatatkan peningkatan 0.8 tahun** berbanding 2022. Peningkatan jangkaan hayat ini disebabkan jumlah kematian pada tahun 2023 telah bertambah baik berbanding 2021 dan 2022 yang mana berlakunya lebih kematian semasa pandemik COVID-19.

## JANGKAAN HAYAT PADA UMUR TERTENTU, 2023<sup>e</sup>

### KETIKA LAHIR

Lelaki

**73.3**  
tahun

2013: 71.6 tahun

Perempuan

**77.7**  
tahun

2013: 71.8 tahun

Seorang **bayi lelaki** yang lahir pada **2023** dijangka hidup sehingga **73.3 tahun** dan **bayi perempuan** sehingga **77.7 tahun**

### PADA UMUR 15 TAHUN

Lelaki

**58.9**  
tahun

2013: 57.6 tahun

Perempuan

**63.9**  
tahun

2013: 57.6 tahun

Seorang **lelaki** yang berumur **15 tahun** pada **2023** dijangka hidup selama **58.9 tahun** lagi dan **perempuan** selama **63.9 tahun** lagi

### PADA UMUR 60 TAHUN

Lelaki

**16.4**  
tahun

2013: 15.3 tahun

Perempuan

**21.1**  
tahun

2013: 14.3 tahun

Seorang **lelaki** yang berumur **60 tahun** pada **2023** dijangka hidup selama **16.4 tahun** lagi dan **perempuan** selama **21.1 tahun** lagi

### PADA UMUR 65 TAHUN

Lelaki

**12.8**  
tahun

2013: 11.3 tahun

Perempuan

**16.7**  
tahun

2013: 10.5 tahun

Seorang **lelaki** yang berumur **65 tahun** pada **2023** dijangka hidup selama **12.8 tahun** lagi dan **perempuan** selama **16.7 tahun** lagi

Nota: <sup>p</sup> Permulaan <sup>e</sup> Anggaran

SUMBER: JADUAL HAYAT RINGKAS, MALAYSIA, 2021-2023, JABATAN PERANGKAAAN 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

2013  
**74.5**  
years

2023<sup>e</sup>  
**74.8**  
years



### MALE

2013  
**72.3**  
years

2023<sup>e</sup>  
**72.5**  
years



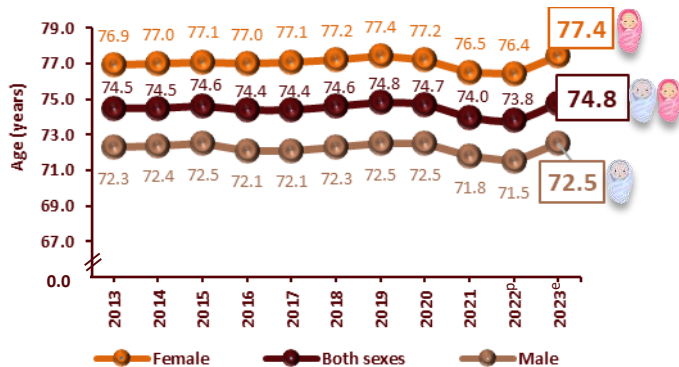
### FEMALE

2013  
**76.9**  
years

2023<sup>e</sup>  
**77.4**  
years



## LIFE EXPECTANCY AT BIRTH, 2013 - 2023<sup>e</sup>



### MAIN FINDINGS

On average, a **baby girl** born in 2023 is expected to live longer up to **77.4 years** while a **baby boy**, is expected to live until **72.5 years**.

For the period of 2013 to 2019 (6 years), **life expectancy at birth increased by 0.3 years** with **males increased by 0.2 years** and **females, 0.5 years**. However, from 2020 to 2022 (3 years), **life expectancy at birth decreased by 0.9 years** with **males decreased by 1.0 years** while **females decreased by 0.8 years**. In 2023, **life expectancy at birth recorded an increase of 1.0 years** as compared to 2022. The increase in life expectancy is due to improved number of deaths in 2023 as compared to 2021 and 2022 which was attributed to the increase in the number of excess deaths during the pandemic COVID-19.

## LIFE EXPECTANCY AT SPECIFIC AGE, 2023<sup>e</sup>

### AT BIRTH

Male  
**72.5**  
years  
2013: 72.3 years

Female  
**77.4**  
years  
2013: 76.9 years

A **baby boy** born in **2023** is expected to live until **72.5 years** and a **baby girl** is expected to live until **77.4 years**

### AT AGE 15 YEARS

Male  
**58.3**  
years  
2013: 58.2 years

Female  
**63.1**  
years  
2013: 62.7 years

A **male** at the age of **15 years** in **2023** is expected to live another **58.3 years** and **female** another **63.1 years**

### AT AGE 60 YEARS

Male  
**18.3**  
years  
2013: 18.1 years

Female  
**21.1**  
years  
2013: 20.5 years

A **male** at the age of **60 years** in **2023** is expected to live another **18.3 years** and **female** another **21.1 years**

### AT AGE 65 YEARS

Male  
**14.9**  
years  
2013: 14.6 years

Female  
**17.2**  
years  
2013: 16.5 years

A **male** at the age of **65 years** in **2023** is expected to live another **14.9 years** and **female** another **17.2 years**

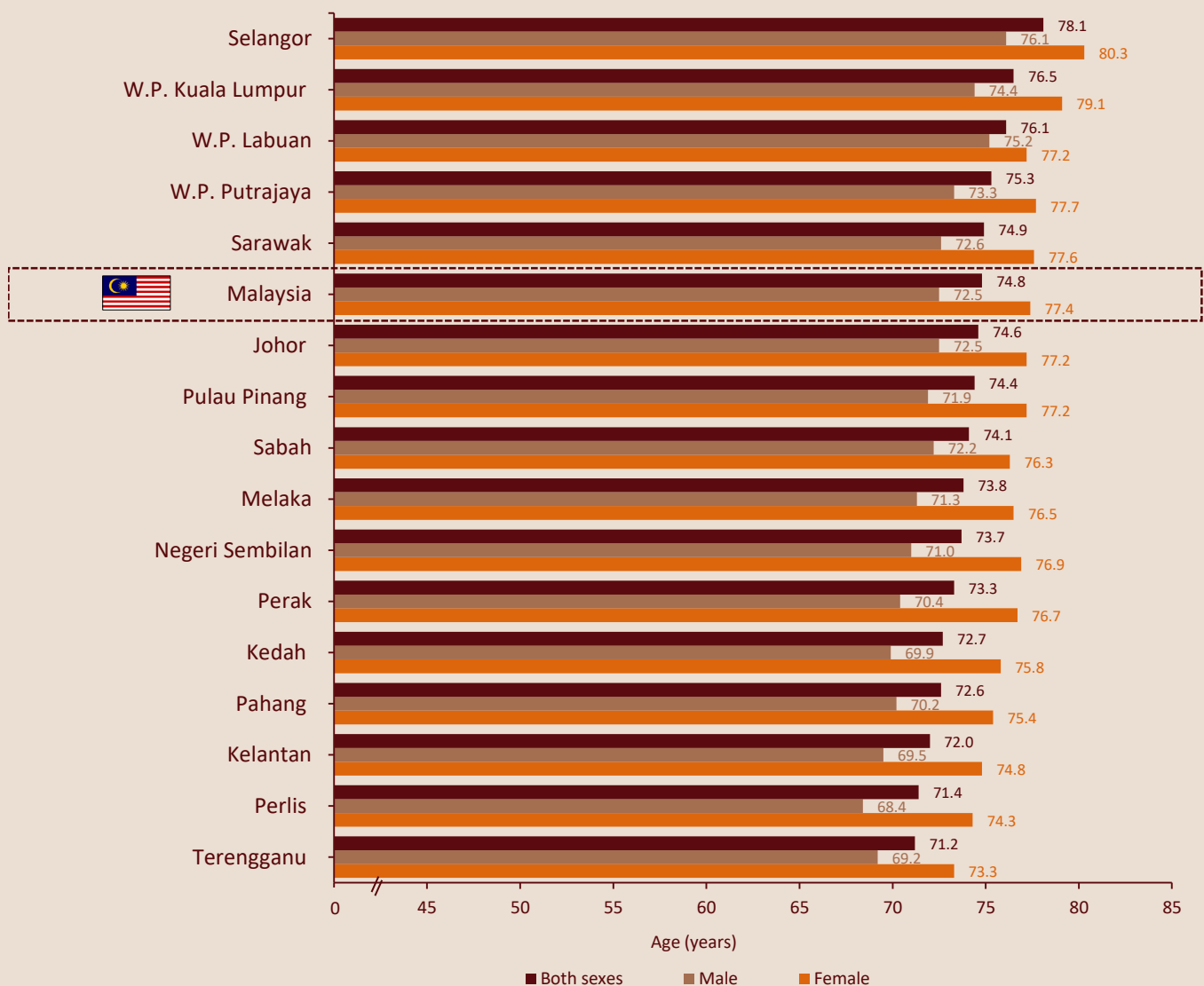
Notes: <sup>p</sup> Preliminary <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## LIFE EXPECTANCY AT BIRTH BY STATE, MALAYSIA, 2023<sup>e</sup>



### LIFE EXPECTANCY AT BIRTH BY STATE

**Five states** recorded life expectancy above the **national level** (74.8 years) namely **Selangor** (78.1 years), **W.P. Kuala Lumpur** (76.5 years), **W.P. Labuan** (76.1 years), **W.P. Putrajaya** (75.3 years) and **Sarawak** (74.9 years)

Note: <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## DEMOGRAPHIC INDICATORS BY STATE, MALAYSIA

State	Population			Deaths			Live Births		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Malaysia</b>	<b>33,379,493</b>	<b>17,459,997</b>	<b>15,919,496</b>	<b>224,569</b>	<b>127,824</b>	<b>96,745</b>	<b>439,744</b>	<b>226,896</b>	<b>212,848</b>
Johor	4,100,886	2,188,432	1,912,454	26,951	15,549	11,402	49,990	25,708	24,282
Kedah	2,187,484	1,115,176	1,072,308	18,457	10,068	8,389	33,040	17,032	16,008
Kelantan	1,857,611	932,832	924,779	13,926	7,605	6,321	34,764	17,868	16,896
Melaka	1,027,500	541,454	486,046	7,083	3,921	3,162	13,192	6,812	6,380
Negeri Sembilan	1,224,310	635,206	589,104	9,165	5,206	3,959	16,777	8,723	8,054
Pahang	1,642,734	872,710	770,024	10,366	6,109	4,257	24,507	12,624	11,883
Perak	2,540,371	1,322,839	1,217,532	21,303	12,022	9,281	30,816	15,758	15,058
Perlis	292,695	145,962	146,733	2,234	1,244	990	4,076	2,148	1,928
Pulau Pinang	1,771,587	907,699	863,888	13,978	7,781	6,197	18,571	9,510	9,061
Sabah	3,592,837	1,874,825	1,718,012	18,873	10,791	8,082	41,608	21,544	20,064
Sarawak	2,509,522	1,297,168	1,212,354	17,596	10,209	7,387	31,274	16,062	15,212
Selangor	7,205,268	3,828,407	3,376,861	42,051	24,531	17,520	90,118	46,638	43,480
Terengganu	1,209,376	620,281	589,095	8,469	4,645	3,824	26,337	13,632	12,705
W.P. Kuala Lumpur	1,998,605	1,066,924	931,681	13,334	7,689	5,645	21,046	10,992	10,054
W.P. Labuan	99,460	51,178	48,282	517	300	217	1,522	755	767
W.P. Putrajaya	119,247	58,904	60,343	266	154	112	2,106	1,090	1,016

**Notes:**

Population statistics refer to mid-year population estimates 2023

Deaths and live births statistics refer to year 2021

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## JOHOR

### BOTH SEXES

2013  
**74.2**  
years

2023<sup>e</sup>  
**74.6**  
years



### MALE

2013  
**72.0**  
years

2023<sup>e</sup>  
**72.5**  
years



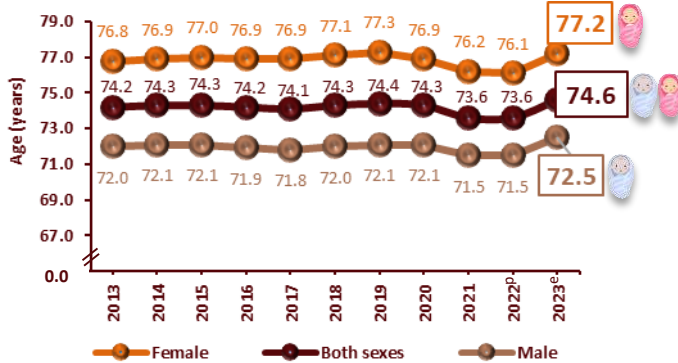
### FEMALE

2013  
**76.8**  
years

2023<sup>e</sup>  
**77.2**  
years



## LIFE EXPECTANCY AT BIRTH, 2013 - 2023<sup>e</sup>



### MAIN FINDINGS

On average, a **baby girl** born in 2023 in Johor is expected to live longer up to **77.2 years** while a **baby boy**, is expected to live until **72.5 years**.

For the period of 2013 to 2019 (6 years), **life expectancy at birth increased by 0.2 years** with **males increased by 0.1 years** and **females, 0.5 years**. However, from 2020 to 2022 (3 years), **life expectancy at birth decreased by 0.7 years** with **males decreased by 0.6 years** while **females decreased by 0.8 years**. In 2023, **life expectancy at birth recorded an increase of 1.0 years** as compared to 2022. The increase in life expectancy is due to improved number of deaths in 2023 as compared to 2021 and 2022 which was attributed to the increase in the number of excess deaths during the pandemic COVID-19.

## LIFE EXPECTANCY AT SPECIFIC AGE, 2023<sup>e</sup>

### AT BIRTH

Male

**72.5**  
years

2013: 72.0 years

Female

**77.2**  
years

2013: 76.8 years

A **baby boy** born in **2023** is expected to live until **72.5 years** and a **baby girl** is expected to live until **77.2 years**

### AT AGE 15 YEARS

Male

**58.2**  
years

2013: 57.8 years

Female

**62.9**  
years

2013: 62.5 years

A **male** at the age of **15 years** in **2023** is expected to live another **58.2 years** and **female** another **62.9 years**

### AT AGE 60 YEARS

Male

**17.9**  
years

2013: 18.2 years

Female

**20.9**  
years

2013: 20.6 years

A **male** at the age of **60 years** in **2023** is expected to live another **17.9 years** and **female** another **20.9 years**

### AT AGE 65 YEARS

Male

**14.4**  
years

2013: 14.8 years

Female

**16.9**  
years

2013: 16.7 years

A **male** at the age of **65 years** in **2023** is expected to live another **14.4 years** and **female** another **16.9 years**

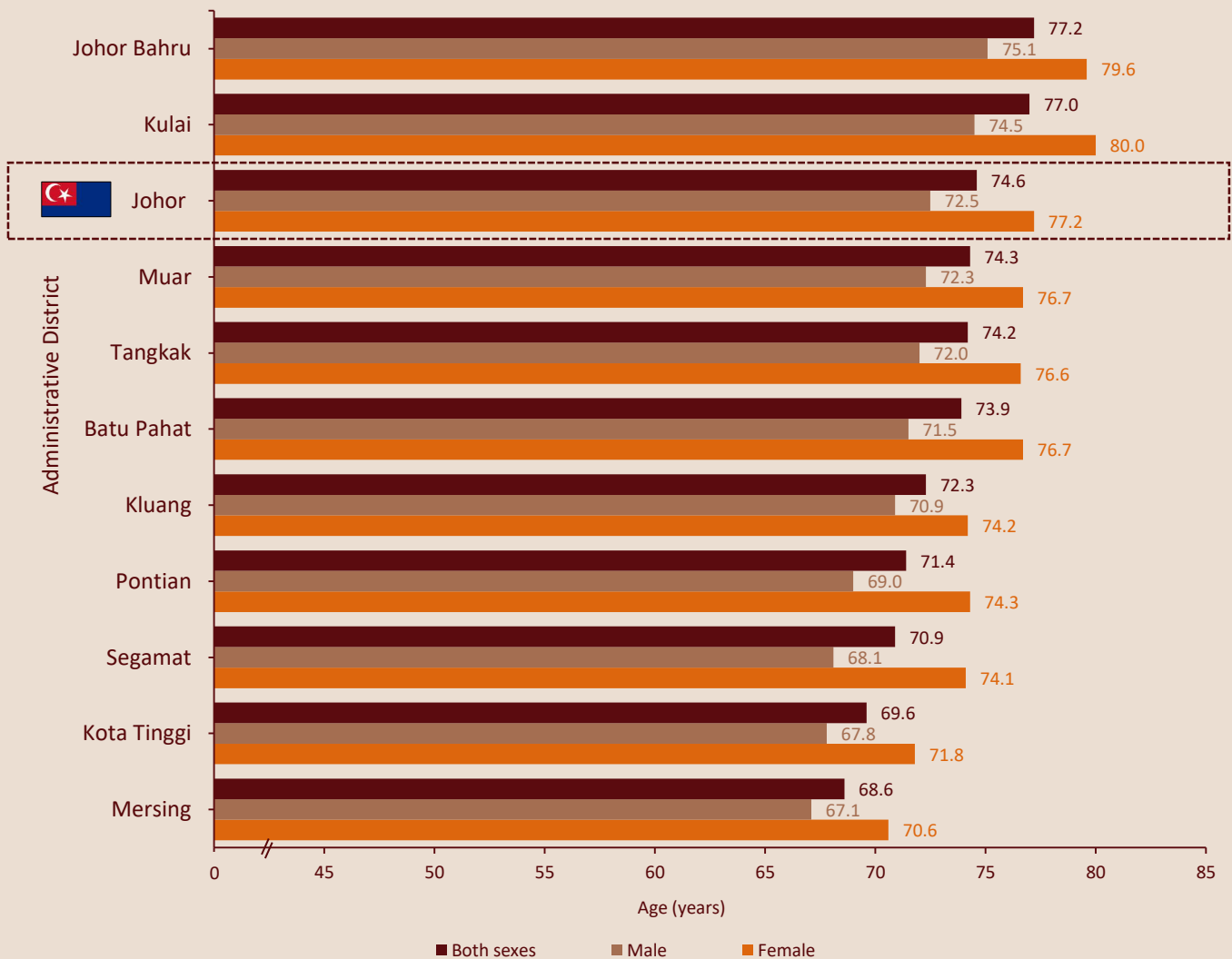
Notes: <sup>p</sup> Preliminary <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## LIFE EXPECTANCY AT BIRTH BY ADMINISTRATIVE DISTRICT, JOHOR, 2023<sup>e</sup>



### LIFE EXPECTANCY BY ADMINISTRATIVE DISTRICT

Two administrative districts recorded life expectancy above the Johor level (74.6 years) namely **Johor Bahru** (77.2 years) and **Kulai** (77.0 years)

Note: <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## DEMOGRAPHIC INDICATORS BY ADMINISTRATIVE DISTRICT, JOHOR

Administrative District	Population			Deaths			Live Births		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Johor</b>	<b>4,100,886</b>	<b>2,188,432</b>	<b>1,912,454</b>	<b>26,951</b>	<b>15,549</b>	<b>11,402</b>	<b>49,990</b>	<b>25,708</b>	<b>24,282</b>
Batu Pahat	503,447	265,567	237,880	3,480	1,956	1,524	6,139	3,179	2,960
Johor Bahru	1,758,502	933,005	825,497	9,471	5,535	3,936	20,409	10,496	9,913
Kluang	328,033	181,002	147,031	2,456	1,479	977	3,804	1,958	1,846
Kota Tinggi	228,903	121,646	107,257	2,024	1,148	876	3,810	1,923	1,887
Mersing	80,036	42,793	37,243	650	388	262	1,324	677	647
Muar	318,474	174,748	143,726	2,327	1,304	1,023	3,751	1,948	1,803
Pontian	175,488	93,970	81,518	1,533	875	658	2,413	1,215	1,198
Segamat	201,541	105,340	96,201	1,852	1,075	777	2,620	1,326	1,294
Kulai	339,607	183,329	156,278	1,838	1,058	780	3,670	1,927	1,743
Tangkak	166,855	87,032	79,823	1,320	731	589	2,050	1,059	991

**Notes:**

Population statistics refer to mid-year population estimates 2023

Deaths and live births statistics refer to year 2021

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## KEDAH

### BOTH SEXES

2013  
**73.0**  
years

2023<sup>e</sup>  
**72.7**  
years



### MALE

2013  
**70.3**  
years

2023<sup>e</sup>  
**69.9**  
years



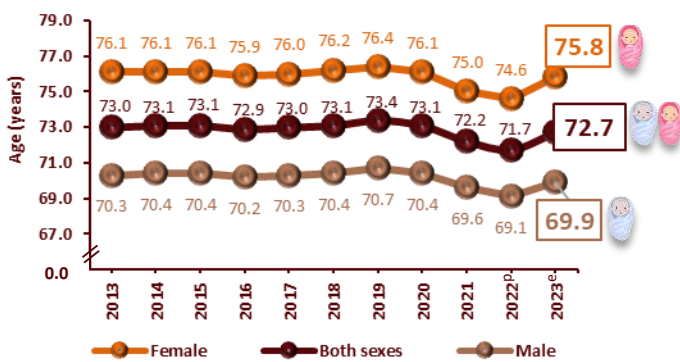
### FEMALE

2013  
**76.1**  
years

2023<sup>e</sup>  
**75.8**  
years



## LIFE EXPECTANCY AT BIRTH, 2013 - 2023<sup>e</sup>



### MAIN FINDINGS

On average, a **baby girl** born in 2023 in Kedah is expected to live longer up to **75.8 years** while a **baby boy**, is expected to live until **69.9 years**.

For the period of 2013 to 2019 (6 years), **life expectancy at birth increased by 0.4 years** with males increased by **0.4 years** and females, **0.3 years**. However, from 2020 to 2022 (3 years), **life expectancy at birth decreased by 1.4 years** with males decreased by **1.3 years** while females decreased by **1.5 years**. In 2023, **life expectancy at birth recorded an increase of 1.0 years** as compared to 2022. The increase in life expectancy is due to improved number of deaths in 2023 as compared to 2021 and 2022 which was attributed to the increase in the number of excess deaths during the pandemic COVID-19.

## LIFE EXPECTANCY AT SPECIFIC AGE, 2023<sup>e</sup>

### AT BIRTH

Male  
**69.9**  
years  
2013: 70.3 years

Female  
**75.8**  
years  
2013: 76.1 years

A **baby boy** born in 2023 is expected to live until **69.9 years** and a **baby girl** is expected to live until **75.8 years**

### AT AGE 15 YEARS

Male  
**55.5**  
years  
2013: 56.2 years

Female  
**61.5**  
years  
2013: 61.8 years

A **male** at the age of **15 years** in 2023 is expected to live another **55.5 years** and **female** another **61.5 years**

### AT AGE 60 YEARS

Male  
**17.2**  
years  
2013: 17.1 years

Female  
**20.3**  
years  
2013: 20.1 years

A **male** at the age of **60 years** in 2023 is expected to live another **17.2 years** and **female** another **20.3 years**

### AT AGE 65 YEARS

Male  
**14.1**  
years  
2013: 13.7 years

Female  
**16.6**  
years  
2013: 16.2 years

A **male** at the age of **65 years** in 2023 is expected to live another **14.1 years** and **female** another **16.6 years**

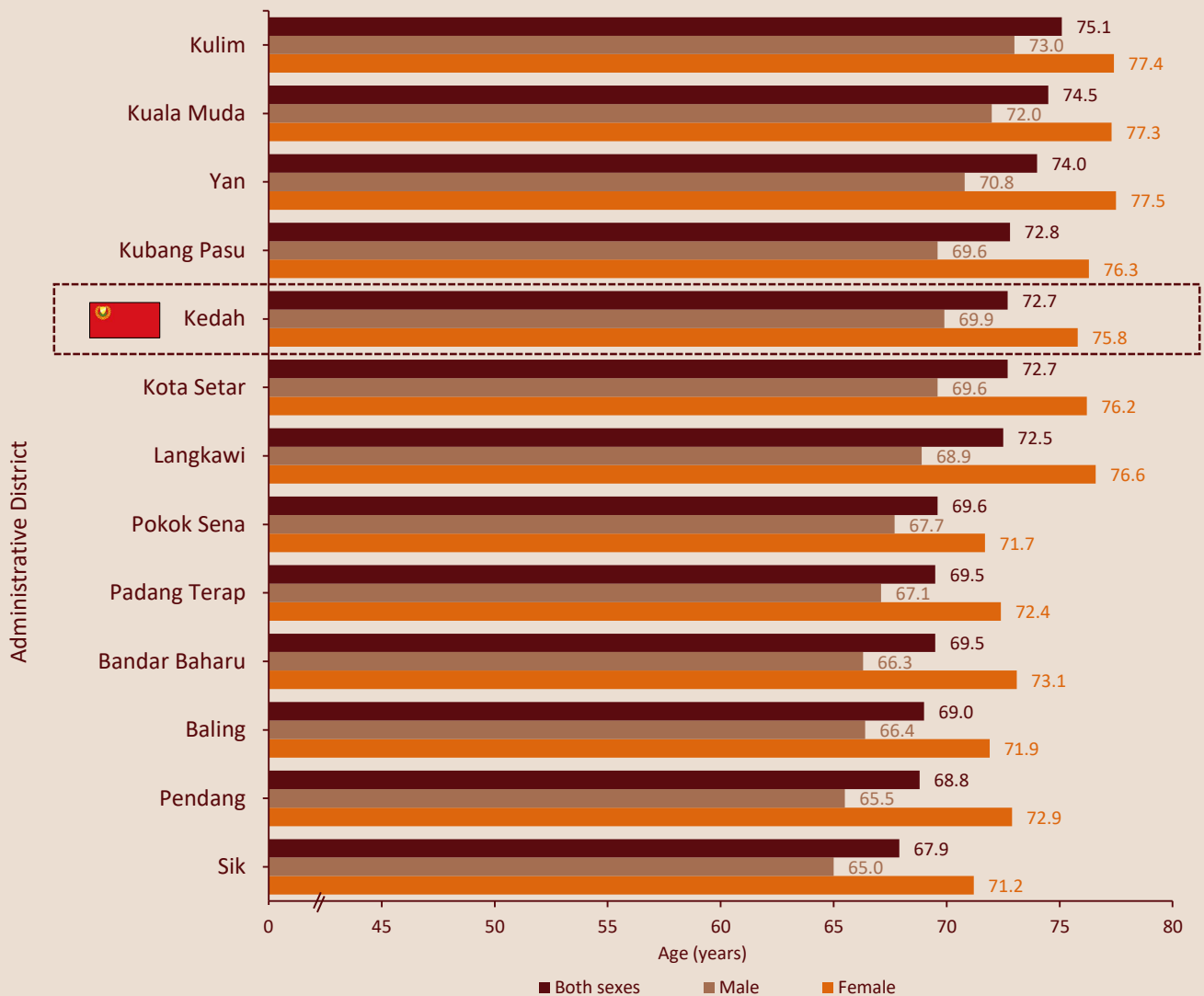
Notes: <sup>p</sup> Preliminary <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## LIFE EXPECTANCY AT BIRTH BY ADMINISTRATIVE DISTRICT, KEDAH, 2023<sup>e</sup>



### LIFE EXPECTANCY BY ADMINISTRATIVE DISTRICT

Four administrative districts recorded life expectancy above the Kedah level (72.7 years) namely **Kulim** (75.1 years), **Kuala Muda** (74.5 years), **Yan** (74.0 years) and **Kubang Pasu** (72.8 years)

Note: <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## DEMOGRAPHIC INDICATORS BY ADMINISTRATIVE DISTRICT, KEDAH

Administrative District	Population			Deaths			Live Births		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Kedah</b>	<b>2,187,484</b>	<b>1,115,176</b>	<b>1,072,308</b>	<b>18,457</b>	<b>10,068</b>	<b>8,389</b>	<b>33,040</b>	<b>17,032</b>	<b>16,008</b>
Baling	146,559	74,930	71,629	1,545	849	696	2,682	1,365	1,317
Bandar Baharu	45,048	23,065	21,983	470	272	198	685	347	338
Kota Setar	379,185	188,419	190,766	3,637	1,929	1,708	5,842	2,967	2,875
Kuala Muda	559,517	288,040	271,477	4,287	2,393	1,894	7,486	3,866	3,620
Kubang Pasu	251,427	123,917	127,510	2,020	1,083	937	3,824	1,939	1,885
Kulim	346,216	177,346	168,870	2,408	1,330	1,078	4,453	2,349	2,104
Langkawi	98,062	50,653	47,409	672	383	289	1,782	957	825
Padang Terap	67,019	34,772	32,247	543	309	234	1,152	621	531
Sik	69,188	35,256	33,932	699	360	339	1,278	650	628
Yan	74,218	38,098	36,120	590	297	293	973	486	487
Pendang	100,633	53,223	47,410	1,065	581	484	1,926	974	952
Pokok Sena	50,412	27,457	22,955	521	282	239	957	511	446

**Notes:**

Population statistics refer to mid-year population estimates 2023

Deaths and live births statistics refer to year 2021

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## KELANTAN

### BOTH SEXES

2013  
**71.9**  
years

2023<sup>e</sup>  
**72.0**  
years



### MALE

2013  
**69.0**  
years

2023<sup>e</sup>  
**69.5**  
years



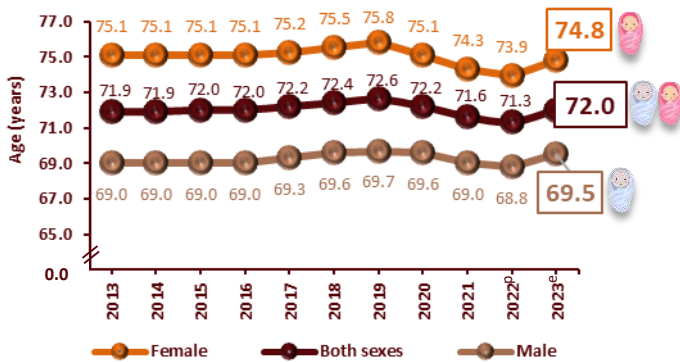
### FEMALE

2013  
**75.1**  
years

2023<sup>e</sup>  
**74.8**  
years



## LIFE EXPECTANCY AT BIRTH, 2013 - 2023<sup>e</sup>



### MAIN FINDINGS

On average, a **baby girl** born in 2023 in Kelantan is expected to live longer up to **74.8 years** while a **baby boy**, is expected to live until **69.5 years**.

For the period of 2013 to 2019 (6 years), **life expectancy at birth increased by 0.7 years** with **males increased by 0.7 years** and **females, 0.7 years**. However, from 2020 to 2022 (3 years), **life expectancy at birth decreased by 0.9 years** with **males decreased by 0.8 years** while **females decreased by 1.2 years**. In 2023, **life expectancy at birth recorded an increase of 0.7 years** as compared to 2022. The increase in life expectancy is due to improved number of deaths in 2023 as compared to 2021 and 2022 which was attributed to the increase in the number of excess deaths during the pandemic COVID-19.

## LIFE EXPECTANCY AT SPECIFIC AGE, 2023<sup>e</sup>

### AT BIRTH

Male

**69.5**  
years

2013: 69.0 years

Female

**74.8**  
years

2013: 75.1 years

A **baby boy** born in **2023** is expected to live until **69.5 years** and a **baby girl** is expected to live until **74.8 years**

### AT AGE 15 YEARS

Male

**55.4**  
years

2013: 55.0 years

Female

**60.5**  
years

2013: 60.9 years

A **male** at the age of **15 years** in **2023** is expected to live another **55.4 years** and **female** another **60.5 years**

### AT AGE 60 YEARS

Male

**16.5**  
years

2013: 16.5 years

Female

**19.4**  
years

2013: 19.3 years

A **male** at the age of **60 years** in **2023** is expected to live another **16.5 years** and **female** another **19.4 years**

### AT AGE 65 YEARS

Male

**13.1**  
years

2013: 13.1 years

Female

**15.6**  
years

2013: 15.4 years

A **male** at the age of **65 years** in **2023** is expected to live another **13.1 years** and **female** another **15.6 years**

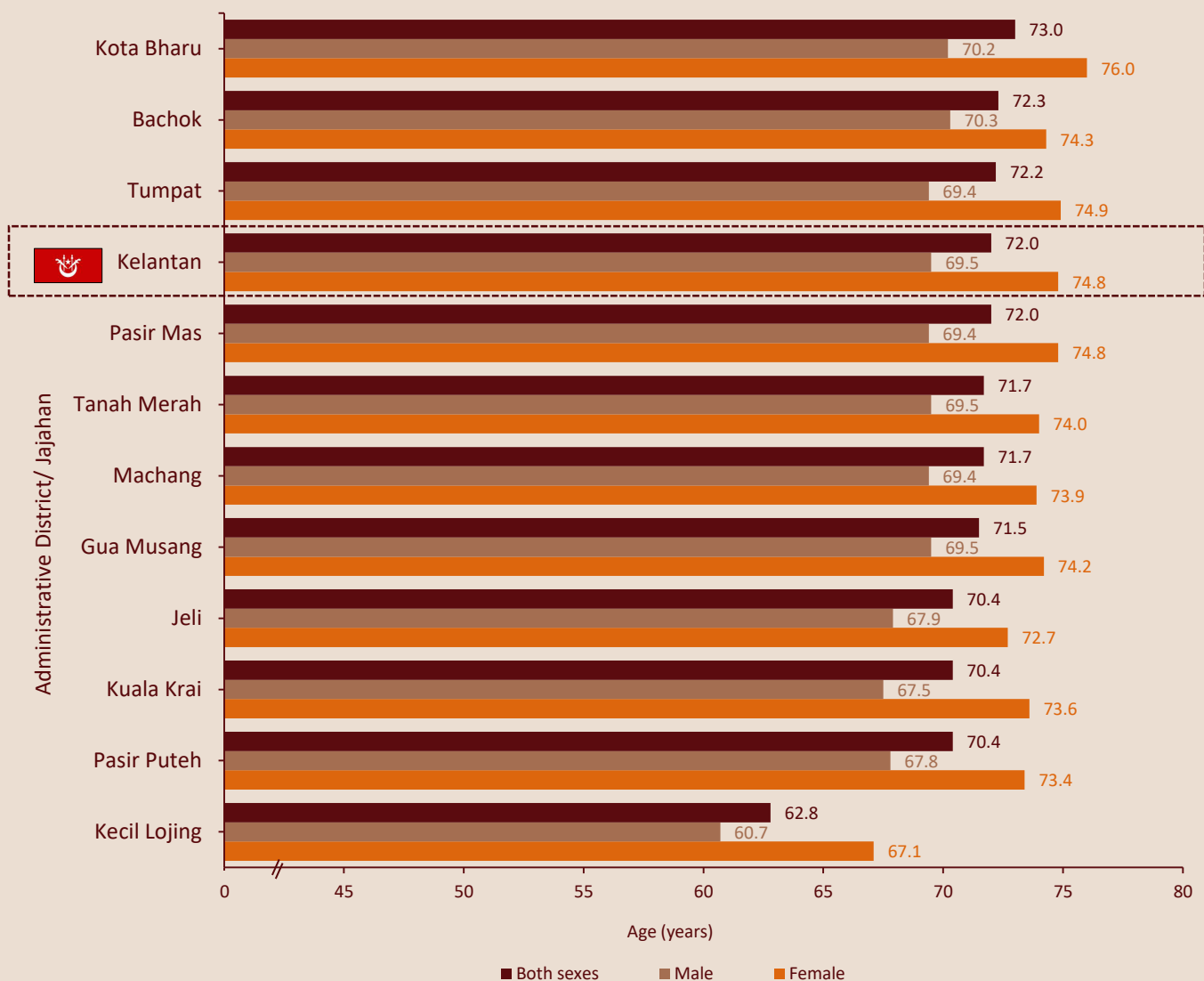
Notes: <sup>p</sup> Preliminary <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## LIFE EXPECTANCY AT BIRTH BY ADMINISTRATIVE DISTRICT/ JAJAHAN, KELANTAN, 2023<sup>e</sup>



### LIFE EXPECTANCY BY ADMINISTRATIVE DISTRICT/ JAJAHAN

Three administrative districts/ jajahan recorded life expectancy above the Kelantan level (72.0 years) namely **Kota Bharu** (73.0 years), **Bachok** (72.3 years) and **Tumpat** (72.2 years)

Note: <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## DEMOGRAPHIC INDICATORS BY ADMINISTRATIVE DISTRICT/ JAJAHAN, KELANTAN

Administrative District/ Jajahan	Population			Deaths			Live Births		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Kelantan</b>	<b>1,857,611</b>	<b>932,832</b>	<b>924,779</b>	<b>13,926</b>	<b>7,605</b>	<b>6,321</b>	<b>34,764</b>	<b>17,868</b>	<b>16,896</b>
Bachok	162,905	79,087	83,818	1,247	669	578	3,270	1,705	1,565
Kota Bharu	575,421	287,522	287,899	4,190	2,265	1,925	10,529	5,335	5,194
Machang	115,165	57,299	57,866	891	501	390	1,960	1,021	939
Pasir Mas	237,193	120,134	117,059	1,949	1,037	912	4,335	2,287	2,048
Pasir Puteh	140,738	69,777	70,961	1,244	629	615	3,084	1,585	1,499
Tanah Merah	155,842	79,967	75,875	1,043	572	471	2,775	1,446	1,329
Tumpat	186,260	92,217	94,043	1,469	806	663	3,598	1,854	1,744
Gua Musang	107,108	57,768	49,340	551	337	214	1,827	933	894
Kuala Krai	109,088	54,925	54,163	912	540	372	2,243	1,145	1,098
Jeli	56,848	28,432	28,416	361	209	152	891	441	450
Kecil Lojing	11,043	5,704	5,339	69	40	29	252	116	136

**Notes:**

Population statistics refer to mid-year population estimates 2023

Deaths and live births statistics refer to year 2021

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## MELAKA

### BOTH SEXES

2013  
**74.4**  
years

2023<sup>e</sup>  
**73.8**  
years



### MALE

2013  
**71.9**  
years

2023<sup>e</sup>  
**71.3**  
years



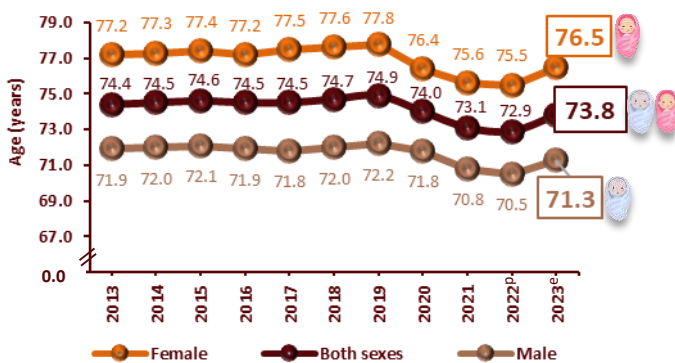
### FEMALE

2013  
**77.2**  
years

2023<sup>e</sup>  
**76.5**  
years



## LIFE EXPECTANCY AT BIRTH, 2013 - 2023<sup>e</sup>



### MAIN FINDINGS

On average, a **baby girl** born in 2023 in Melaka is expected to live longer up to **76.5 years** while a **baby boy**, is expected to live until **71.3 years**.

For the period of 2013 to 2019 (6 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 **1.1 years** with males decreased by **1.3 years** while females decreased by **0.9 years**. In 2023, life expectancy at birth recorded an increase of **0.9 years** as compared to 2022. The increase in life expectancy is due to improved number of deaths in 2023 as compared to 2021 and 2022 which was attributed to the increase in the number of excess deaths during the pandemic COVID-19.

## LIFE EXPECTANCY AT SPECIFIC AGE, 2023<sup>e</sup>

### AT BIRTH

Male

**71.3**  
years

2013: 71.9 years

Female

**76.5**  
years

2013: 77.2 years

A **baby boy** born in **2023** is expected to live until **71.3 years** and a **baby girl** is expected to live until **76.5 years**

### AT AGE 15 YEARS

Male

**57.1**  
years

2013: 57.7 years

Female

**62.2**  
years

2013: 62.9 years

A **male** at the age of **15 years** in **2023** is expected to live another **57.1 years** and **female** another **62.2 years**

### AT AGE 60 YEARS

Male

**17.3**  
years

2013: 18.2 years

Female

**20.2**  
years

2013: 20.9 years

A **male** at the age of **60 years** in **2023** is expected to live another **17.3 years** and **female** another **20.2 years**

### AT AGE 65 YEARS

Male

**14.0**  
years

2013: 14.8 years

Female

**16.3**  
years

2013: 16.9 years

A **male** at the age of **65 years** in **2023** is expected to live another **14.0 years** and **female** another **16.3 years**

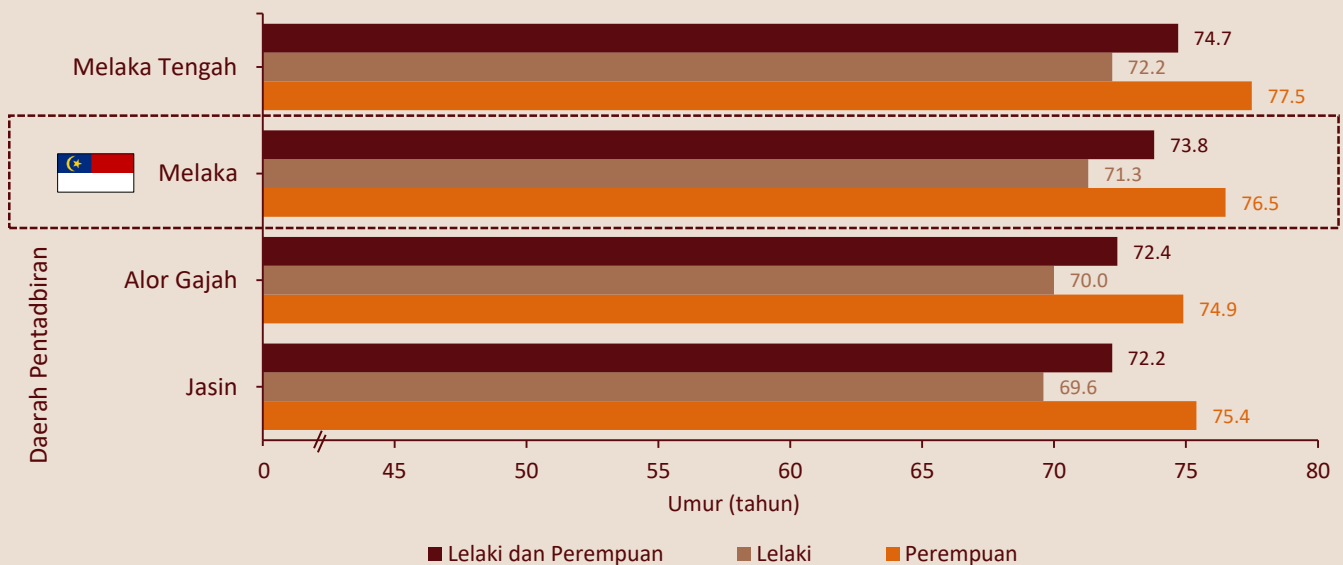
Notes: <sup>p</sup> Preliminary <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## EXPECTANCY AT BIRTH BY ADMINISTRATIVE DISTRICT, MELAKA, 2023<sup>e</sup>



### LIFE EXPECTANCY BY ADMINISTRATIVE DISTRICT

**Melaka Tengah** (73.8 years) is the only administrative district that recorded life expectancy above the **Melaka level** (73.8 years)

## DEMOGRAPHIC INDICATORS BY ADMINISTRATIVE DISTRICT, MELAKA

Administrative District	Population			Deaths			Live Births		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Melaka	1,027,500	541,454	486,046	7,083	3,921	3,162	13,192	6,812	6,380
Alor Gajah	256,171	132,518	123,653	1,715	923	792	3,089	1,567	1,522
Jasin	154,342	82,403	71,939	1,287	730	557	2,369	1,211	1,158
Melaka Tengah	616,987	326,533	290,454	4,081	2,268	1,813	7,734	4,034	3,700

**Notes:**

<sup>e</sup> Estimates

Population statistics refer to mid-year population estimates 2023

Deaths and live births statistics refer to year 2021

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## NEGERI SEMBILAN

### BOTH SEXES

2013  
**73.5**  
years

2023<sup>e</sup>  
**73.7**  
years



### MALE

2013  
**70.9**  
years

2023<sup>e</sup>  
**71.0**  
years



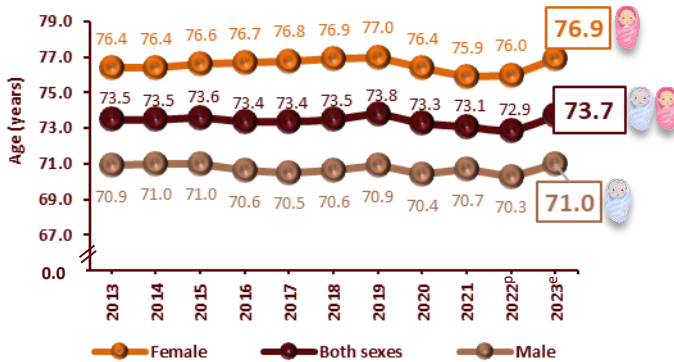
### FEMALE

2013  
**76.4**  
years

2023<sup>e</sup>  
**76.9**  
years



## LIFE EXPECTANCY AT BIRTH, 2013 - 2023<sup>e</sup>



### MAIN FINDINGS

On average, a **baby girl** born in 2023 in Negeri Sembilan is expected to live longer up to **76.9 years** while a **baby boy**, is expected to live until **71.0 years**.

For the period of 2013 to 2019 (6 years), **life expectancy at birth increased by 0.3 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 0.4 years** with **males decreased by 0.1 years** while **females decreased by 0.4 years**. In 2023, **life expectancy at birth recorded an increase of 0.8 years** as compared to 2022. The increase in life expectancy is due to improved number of deaths in 2023 as compared to 2021 and 2022 which was attributed to the increase in the number of excess deaths during the pandemic COVID-19.

## LIFE EXPECTANCY AT SPECIFIC AGE, 2023<sup>e</sup>

### AT BIRTH

Male

**71.0**  
years

2013: 70.9 years

Female

**76.9**  
years

2013: 76.4 years

A **baby boy** born in **2023** is expected to live until **71.0 years** and a **baby girl** is expected to live until **76.9 years**

### AT AGE 15 YEARS

Male

**56.7**  
years

2013: 56.7 years

Female

**62.6**  
years

2013: 62.2 years

A **male** at the age of **15 years** in **2023** is expected to live another **56.7 years** and **female** another **62.6 years**

### AT AGE 60 YEARS

Male

**17.6**  
years

2013: 17.9 years

Female

**20.7**  
years

2013: 20.3 years

A **male** at the age of **60 years** in **2023** is expected to live another **17.6 years** and **female** another **20.7 years**

### AT AGE 65 YEARS

Male

**14.1**  
years

2013: 14.5 years

Female

**16.7**  
years

2013: 16.5 years

A **male** at the age of **65 years** in **2023** is expected to live another **14.1 years** and **female** another **16.7 years**

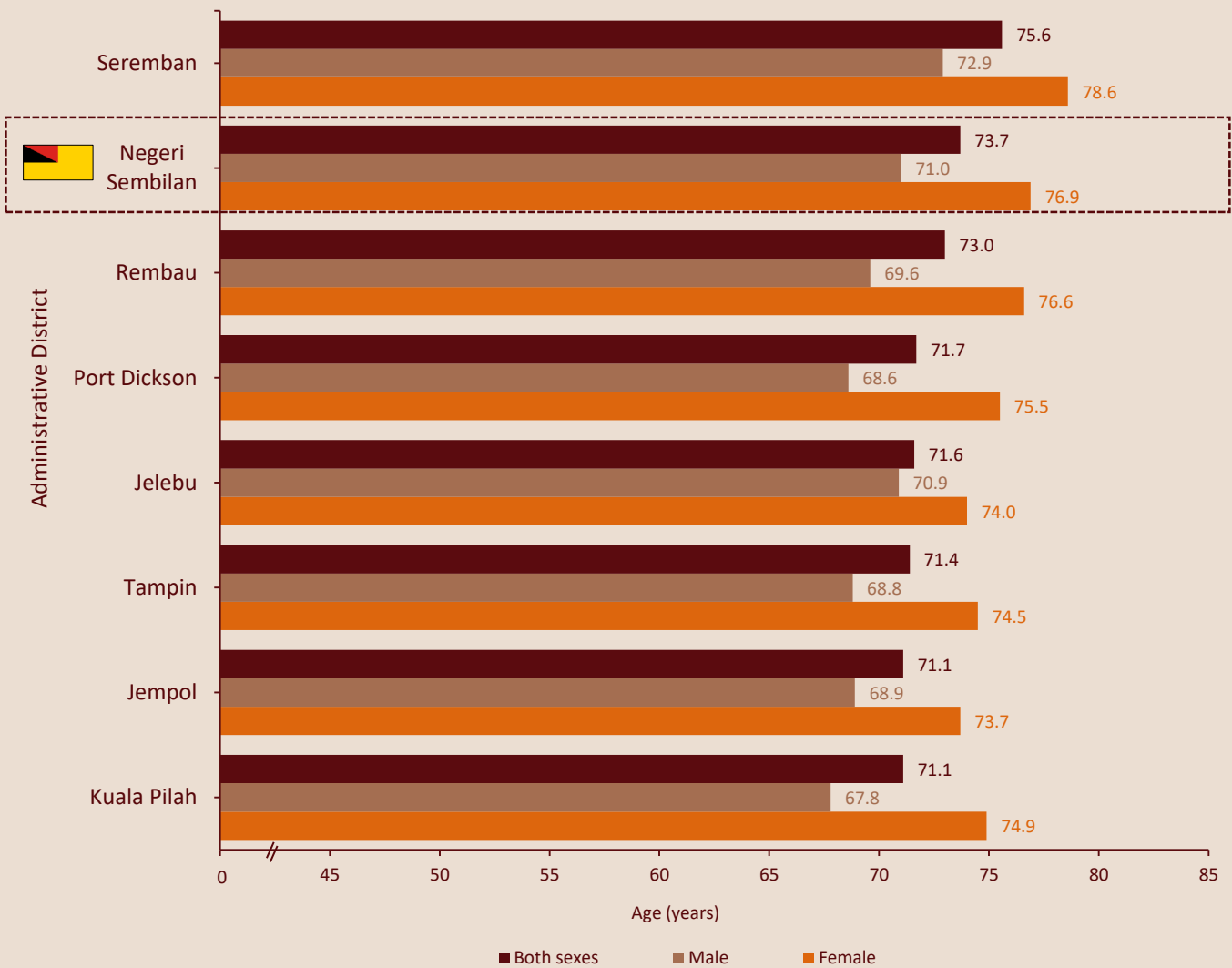
Notes: <sup>p</sup> Preliminary <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## LIFE EXPECTANCY AT BIRTH BY ADMINISTRATIVE DISTRICT, NEGERI SEMBILAN, 2023<sup>e</sup>



### LIFE EXPECTANCY BY ADMINISTRATIVE DISTRICT

**Seremban** (75.6 years) is the only administrative district that recorded life expectancy above the **Negeri Sembilan level** (73.7 years)

Note: <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## DEMOGRAPHIC INDICATORS BY ADMINISTRATIVE DISTRICT, NEGERI SEMBILAN

Administrative District	Population			Deaths			Live Births		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Negeri Sembilan</b>	<b>1,224,310</b>	<b>635,206</b>	<b>589,104</b>	<b>9,165</b>	<b>5,206</b>	<b>3,959</b>	<b>16,777</b>	<b>8,723</b>	<b>8,054</b>
Jelevu	47,406	25,972	21,434	418	240	178	573	278	295
Kuala Pilah	71,311	36,735	34,576	819	428	391	997	521	476
Port Dickson	132,679	70,364	62,315	982	560	422	1,817	909	908
Rembau	48,538	24,750	23,788	520	257	263	767	389	378
Seremban	705,187	363,052	342,135	4,478	2,597	1,881	9,287	4,864	4,423
Tampin	89,796	47,673	42,123	785	436	349	1,278	697	581
Jempol	129,393	66,660	62,733	1,163	688	475	2,058	1,065	993

**Notes:**

Population statistics refer to mid-year population estimates 2023

Deaths and live births statistics refer to year 2021

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## PAHANG

### BOTH SEXES

2013  
**73.0**  
years

2023<sup>e</sup>  
**72.6**  
years



### MALE

2013  
**70.4**  
years

2023<sup>e</sup>  
**70.2**  
years



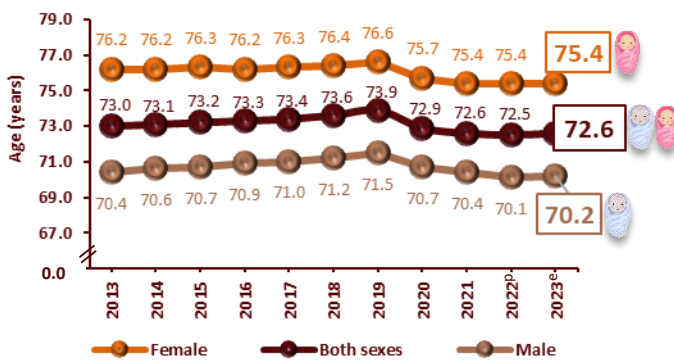
### FEMALE

2013  
**76.2**  
years

2023<sup>e</sup>  
**75.4**  
years



## LIFE EXPECTANCY AT BIRTH, 2013 - 2023<sup>e</sup>



### MAIN FINDINGS

On average, a **baby girl** born in 2023 in Pahang is expected to live longer up to **75.4 years** while a **baby boy**, is expected to live until **70.2 years**.

For the period of 2013 to 2019 (6 years), **life expectancy at birth increased by 0.9 years** with **males increased by 1.1 years** and **females, 0.4 years**. However, from 2020 to 2022 (3 years), **life expectancy at birth decreased by 0.4 years** with **males decreased by 0.6 years** while **females decreased by 0.3 years**. In 2023, **life expectancy at birth recorded an increase of 0.1 years** as compared to 2022. The increase in life expectancy is due to improved number of deaths in 2023 as compared to 2021 and 2022 which was attributed to the increase in the number of excess deaths during the pandemic COVID-19.

## LIFE EXPECTANCY AT SPECIFIC AGE, 2023<sup>e</sup>

### AT BIRTH

Male

**70.2**  
years

2013: 70.4 years

Female

**75.4**  
years

2013: 76.2 years

A **baby boy** born in **2023** is expected to live until **70.2 years** and a **baby girl** is expected to live until **75.4 years**

### AT AGE 15 YEARS

Male

**56.1**  
years

2013: 56.5 years

Female

**61.1**  
years

2013: 62.1 years

A **male** at the age of **15 years** in **2023** is expected to live another **56.1 years** and **female** another **61.1 years**

### AT AGE 60 YEARS

Male

**16.5**  
years

2013: 17.6 years

Female

**19.7**  
years

2013: 20.4 years

A **male** at the age of **60 years** in **2023** is expected to live another **16.5 years** and **female** another **19.7 years**

### AT AGE 65 YEARS

Male

**13.2**  
years

2013: 14.2 years

Female

**16.0**  
years

2013: 16.5 years

A **male** at the age of **65 years** in **2023** is expected to live another **13.2 years** and **female** another **16.0 years**

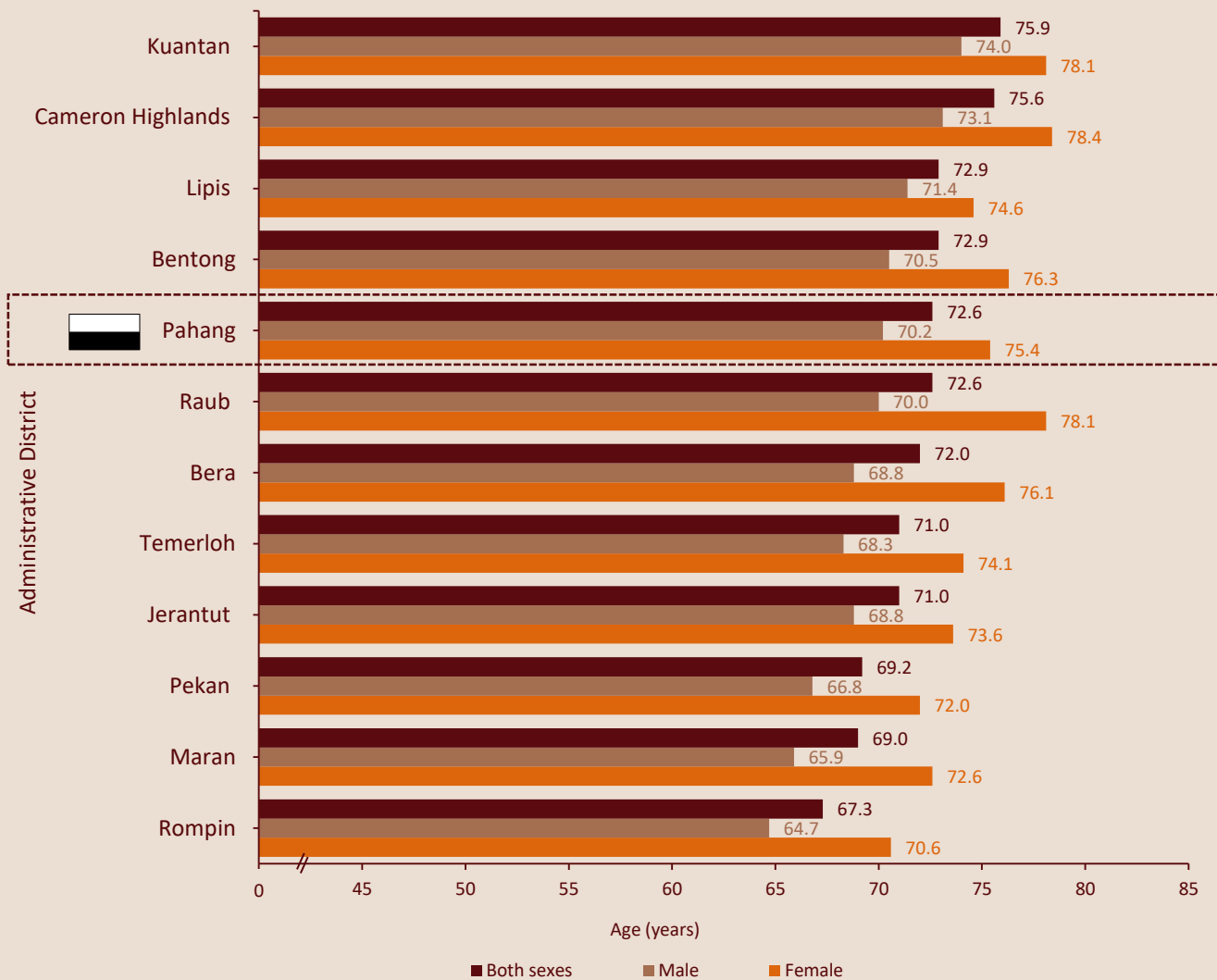
Notes: <sup>p</sup> Preliminary <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## LIFE EXPECTANCY AT BIRTH BY ADMINISTRATIVE DISTRICT, PAHANG, 2023<sup>e</sup>



### LIFE EXPECTANCY BY ADMINISTRATIVE DISTRICT

Four administrative districts recorded life expectancy above the Pahang level (72.6 years) namely **Kuantan** (75.9 years), **Cameron Highlands** (75.6 years), **Lipis** (72.9 years) and **Bentong** (72.9 years)

Note: <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## DEMOGRAPHIC INDICATORS BY ADMINISTRATIVE DISTRICT, PAHANG

Administrative District	Population			Deaths			Live Births		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Pahang</b>	<b>1,642,734</b>	<b>872,710</b>	<b>770,024</b>	<b>10,366</b>	<b>6,109</b>	<b>4,257</b>	<b>24,507</b>	<b>12,624</b>	<b>11,883</b>
Bentong	119,542	68,063	51,479	926	523	403	1,293	652	641
Cameron Highlands	40,869	23,652	17,217	214	134	80	528	271	257
Jerantut	98,523	52,549	45,974	714	417	297	1,411	702	709
Kuantan	565,857	294,336	271,521	2,644	1,561	1,083	8,428	4,305	4,123
Lipis	100,039	53,451	46,588	553	328	225	1,462	764	698
Pekan	125,780	67,743	58,037	801	480	321	2,384	1,233	1,151
Raub	98,768	52,605	46,163	695	403	292	1,143	576	567
Temerloh	174,656	90,415	84,241	1,253	728	525	2,778	1,440	1,338
Rompin	101,597	54,967	46,630	777	465	312	2,012	1,046	966
Maran	116,988	61,402	55,586	1,085	658	427	1,881	1,010	871
Bera	100,115	53,527	46,588	704	412	292	1,187	625	562

**Notes:**

Population statistics refer to mid-year population estimates 2023

Deaths and live births statistics refer to year 2021

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## PERAK

### BOTH SEXES

2013  
**73.8**  
years

2023<sup>e</sup>  
**73.3**  
years



### MALE

2013  
**71.1**  
years

2023<sup>e</sup>  
**70.4**  
years



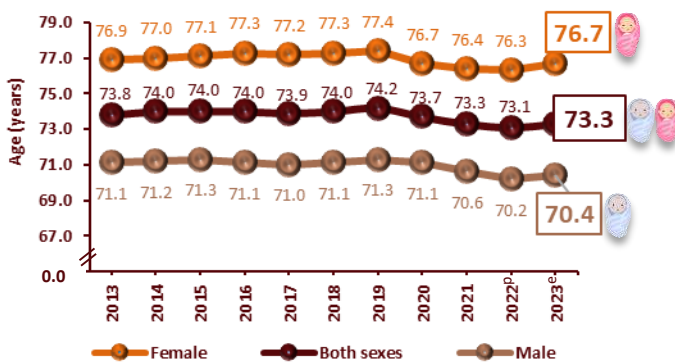
### FEMALE

2013  
**76.9**  
years

2023<sup>e</sup>  
**76.7**  
years



## LIFE EXPECTANCY AT BIRTH, 2013 - 2023<sup>e</sup>



### MAIN FINDINGS

On average, a **baby girl** born in 2023 in Perak is expected to live longer up to **76.7 years** while a **baby boy**, is expected to live until **70.4 years**.

For the period of 2013 to 2019 (6 years), **life expectancy at birth increased by 0.4 years** with **males increased by 0.2 years** and **females, 0.5 years**. However, from 2020 to 2022 (3 years), **life expectancy at birth decreased by 0.6 years** with **males decreased by 0.9 years** while **females decreased by 0.4 years**. In 2023, **life expectancy at birth recorded an increase of 0.2 years** as compared to 2022. The increase in life expectancy is due to improved number of deaths in 2023 as compared to 2021 and 2022 which was attributed to the increase in the number of excess deaths during the pandemic COVID-19.

## LIFE EXPECTANCY AT SPECIFIC AGE, 2023<sup>e</sup>

### AT BIRTH

Male

**70.4**  
years

2013: 71.1 years

Female

**76.7**  
years

2013: 76.9 years

A **baby boy** born in **2023** is expected to live until **70.4 years** and a **baby girl** is expected to live until **76.7 years**

### AT AGE 15 YEARS

Male

**56.2**  
years

2013: 57.0 years

Female

**62.4**  
years

2013: 62.6 years

A **male** at the age of **15 years** in **2023** is expected to live another **56.2 years** and **female** another **62.4 years**

### AT AGE 60 YEARS

Male

**17.2**  
years

2013: 18.1 years

Female

**20.7**  
years

2013: 20.8 years

A **male** at the age of **60 years** in **2023** is expected to live another **17.2 years** and **female** another **20.7 years**

### AT AGE 65 YEARS

Male

**13.9**  
years

2013: 14.6 years

Female

**16.8**  
years

2013: 16.9 years

A **male** at the age of **65 years** in **2023** is expected to live another **13.9 years** and **female** another **16.8 years**

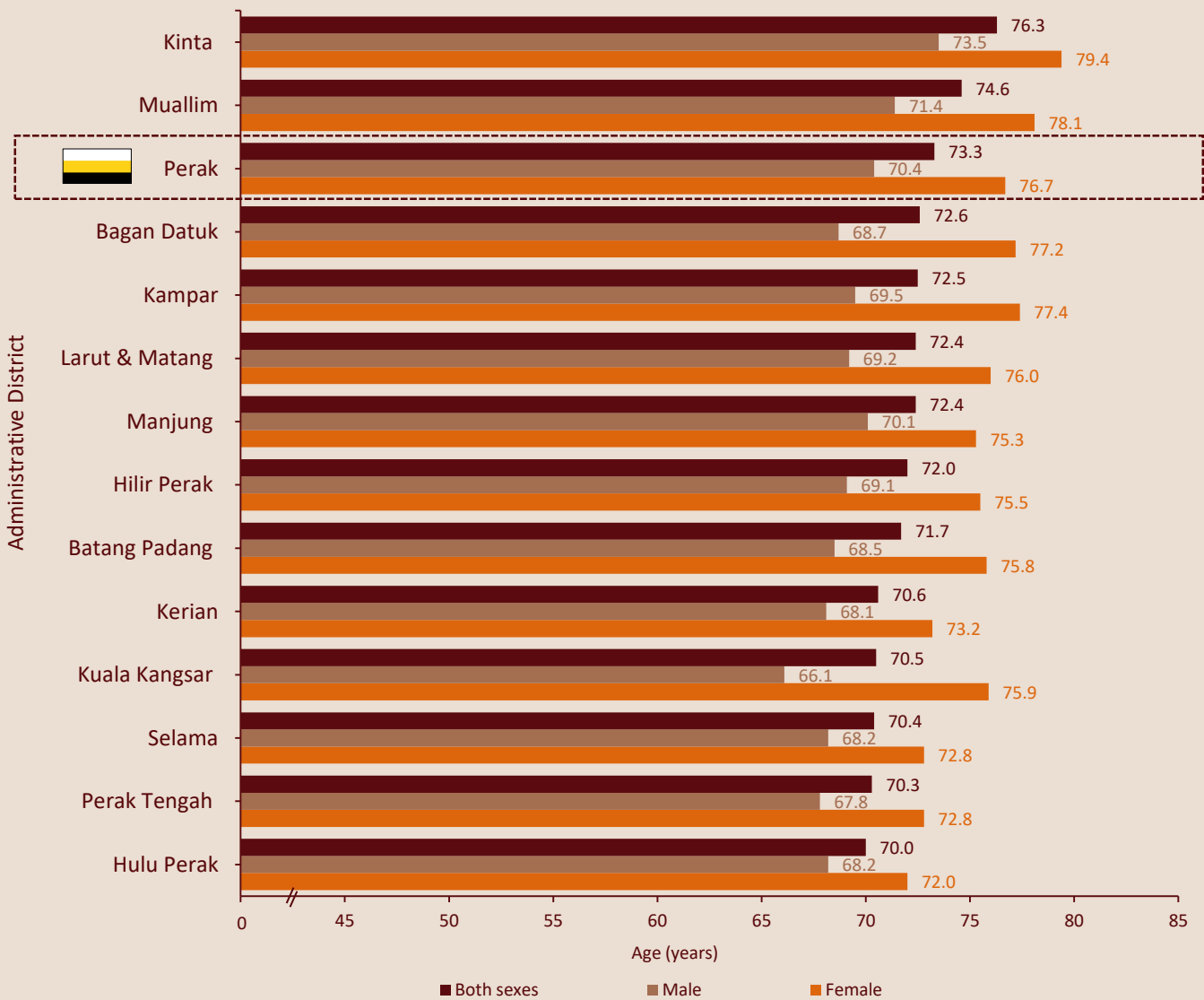
Notes: <sup>p</sup> Preliminary <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## LIFE EXPECTANCY AT BIRTH BY ADMINISTRATIVE DISTRICT, PERAK, 2023<sup>e</sup>



### LIFE EXPECTANCY BY ADMINISTRATIVE DISTRICT

Two administrative districts recorded life expectancy above the Perak level (73.3 years) namely **Kinta** (76.3 years) and **Muallim** (74.6 years)

Note: <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## DEMOGRAPHIC INDICATORS BY ADMINISTRATIVE DISTRICT, PERAK

Administrative District	Population			Deaths			Live Births		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Perak</b>	<b>2,540,371</b>	<b>1,322,839</b>	<b>1,217,532</b>	<b>21,303</b>	<b>12,022</b>	<b>9,281</b>	<b>30,816</b>	<b>15,758</b>	<b>15,058</b>
Batang Padang	126,171	67,758	58,413	1,192	681	511	1,626	824	802
Manjung	252,297	135,952	116,345	1,906	1,107	799	3,301	1,704	1,597
Kinta	908,870	472,349	436,521	6,441	3,664	2,777	9,038	4,574	4,464
Kerian	168,373	86,509	81,864	1,736	984	752	2,465	1,275	1,190
Kuala Kangsar	178,140	90,395	87,745	1,665	881	784	2,322	1,170	1,152
Larut & Matang	275,411	142,794	132,617	2,714	1,523	1,191	3,841	1,977	1,864
Hilir Perak	141,949	75,035	66,914	1,411	809	602	1,842	965	877
Hulu Perak	97,007	50,366	46,641	842	467	375	1,528	761	767
Perak Tengah	97,157	50,226	46,931	834	469	365	1,571	816	755
Kampar	98,836	50,497	48,339	993	579	414	976	504	472
Muallim	78,583	37,605	40,978	428	248	180	940	481	459
Bagan Datuk	82,749	45,679	37,070	654	357	297	786	404	382
Selama	34,828	17,674	17,154	487	253	234	580	303	277

**Notes:**

Population statistics refer to mid-year population estimates 2023

Deaths and live births statistics refer to year 2021

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## PERLIS

### BOTH SEXES

2013  
**72.9**  
years

2023<sup>e</sup>  
**71.4**  
years



### MALE

2013  
**70.3**  
years

2023<sup>e</sup>  
**68.4**  
years



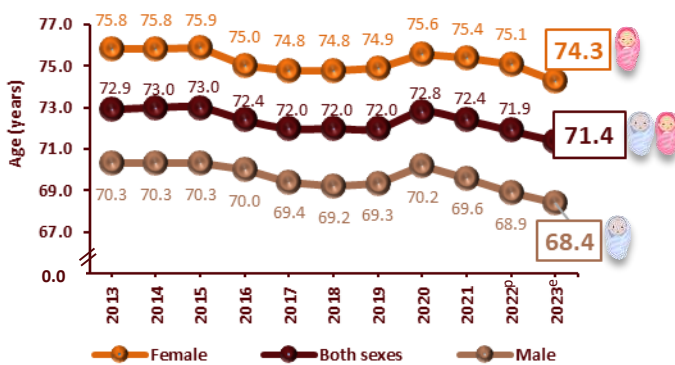
### FEMALE

2013  
**75.8**  
years

2023<sup>e</sup>  
**74.3**  
years



## LIFE EXPECTANCY AT BIRTH, 2013 - 2023<sup>e</sup>



### MAIN FINDINGS

On average, a **baby girl** born in 2023 in Perlis is expected to live longer up to **74.3 years** while a **baby boy**, is expected to live until **68.4 years**.

For the period of 2013 to 2019 (6 years), **life expectancy at birth decreased by 0.9 years** with males decreased by **1.0 years** and females, **0.9 years**. **Life expectancy at birth in Perlis also recorded a decrease of 1.4 years** with males decreased by **1.8 years** while females decreased by **1.3 years** for the period of 2020-2023 (4 years). The decrease in life expectancy is due to excess death in 2023.

## LIFE EXPECTANCY AT SPECIFIC AGE, 2023<sup>e</sup>

### AT BIRTH

Male  
**68.4**  
years  
2013: 70.3 years

Female  
**74.3**  
years  
2013: 75.8 years

A **baby boy** born in 2023 is expected to live until **68.4 years** and a **baby girl** is expected to live until **74.3 years**

### AT AGE 15 YEARS

Male  
**54.7**  
years  
2013: 56.5 years

Female  
**60.0**  
years  
2013: 61.5 years

A **male** at the age of **15 years** in 2023 is expected to live another **54.7 years** and **female** another **60.0 years**

### AT AGE 60 YEARS

Male  
**16.3**  
years  
2013: 17.2 years

Female  
**18.7**  
years  
2013: 19.8 years

A **male** at the age of **60 years** in 2023 is expected to live another **16.3 years** and **female** another **18.7 years**

### AT AGE 65 YEARS

Male  
**13.0**  
years  
2013: 13.8 years

Female  
**15.2**  
years  
2013: 15.9 years

A **male** at the age of **65 years** in 2023 is expected to live another **13.0 years** and **female** another **15.2 years**

Notes: <sup>p</sup> Preliminary <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## PULAU PINANG

### BOTH SEXES

2013  
**74.7**  
years

2023<sup>e</sup>  
**74.4**  
years



### MALE

2013  
**72.3**  
years

2023<sup>e</sup>  
**71.9**  
years



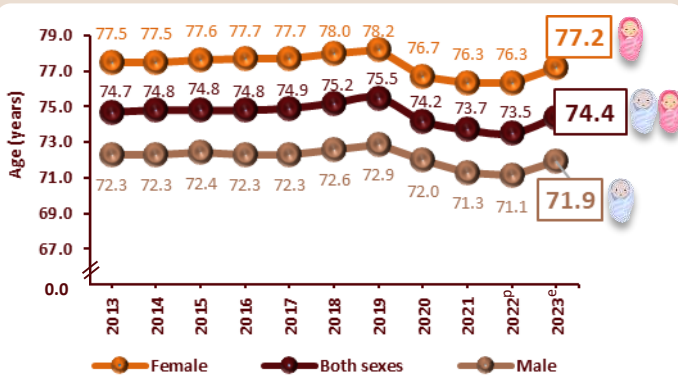
### FEMALE

2013  
**77.5**  
years

2023<sup>e</sup>  
**77.2**  
years



### LIFE EXPECTANCY AT BIRTH, 2013 - 2023<sup>e</sup>



### MAIN FINDINGS

On average, a **baby girl** born in 2023 in Pulau Pinang is expected to live longer up to **77.2 years** while a **baby boy**, is expected to live until **71.9 years**.

For the period of 2013 to 2019 (6 years), **life expectancy at birth increased by 0.8 years** with **males increased by 0.6 years** and **females, 0.7 years**. However, from 2020 to 2022 (3 years), **life expectancy at birth decreased by 0.7 years** with **males decreased by 0.9 years** while **females decreased by 0.4 years**. In 2023, **life expectancy at birth recorded an increase of 0.9 years** as compared to 2022. The increase in life expectancy is due to improved number of deaths in 2023 as compared to 2021 and 2022 which was attributed to the increase in the number of excess deaths during the pandemic COVID-19.

### LIFE EXPECTANCY AT SPECIFIC AGE, 2023<sup>e</sup>

#### AT BIRTH

Male

**71.9**  
years

2013: 72.3 years

Female

**77.2**  
years

2013: 77.5 years

A **baby boy** born in **2023** is expected to live until **71.9 years** and a **baby girl** is expected to live until **77.2 years**

#### AT AGE 15 YEARS

Male

**57.5**  
years

2013: 58.2 years

Female

**62.8**  
years

2013: 63.2 years

A **male** at the age of **15 years** in **2023** is expected to live another **57.5 years** and **female** another **62.8 years**

#### AT AGE 60 YEARS

Male

**17.2**  
years

2013: 18.0 years

Female

**20.1**  
years

2013: 20.7 years

A **male** at the age of **60 years** in **2023** is expected to live another **17.2 years** and **female** another **20.1 years**

#### AT AGE 65 YEARS

Male

**13.6**  
years

2013: 14.6 years

Female

**16.1**  
years

2013: 16.7 years

A **male** at the age of **65 years** in **2023** is expected to live another **13.6 years** and **female** another **16.1 years**

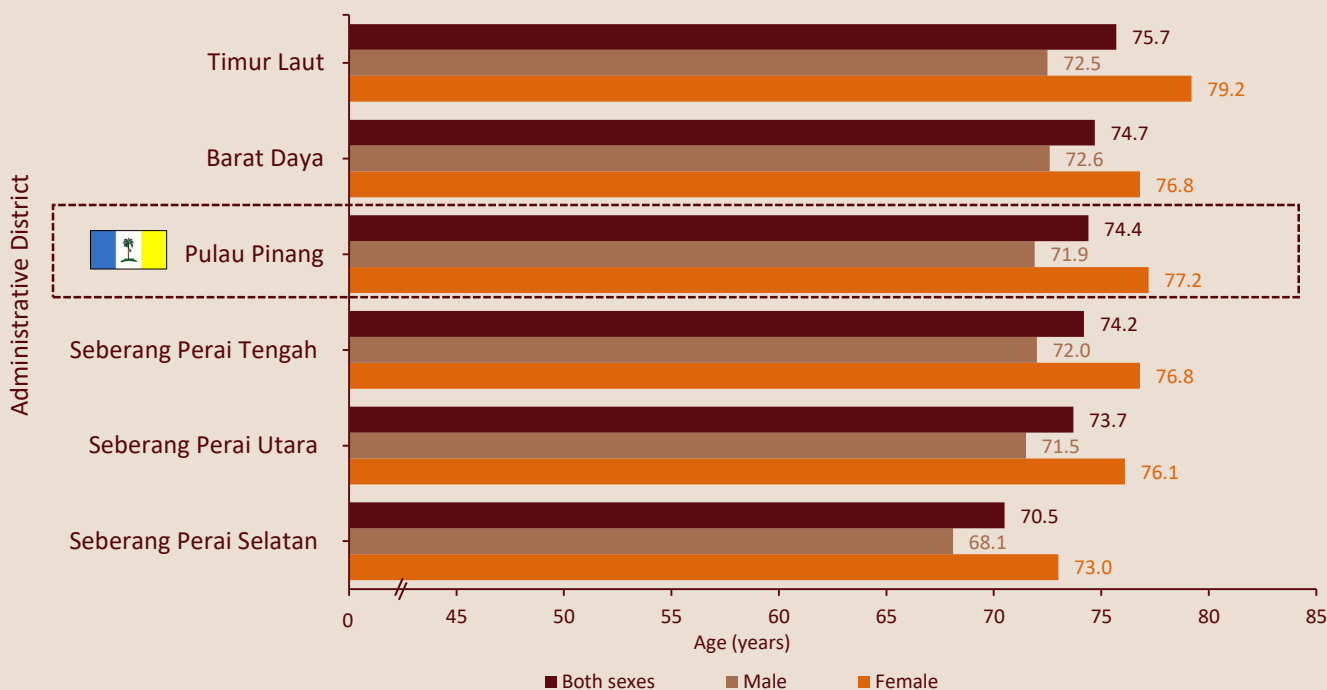
Notes: <sup>p</sup> Preliminary <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## LIFE EXPECTANCY AT BIRTH BY ADMINISTRATIVE DISTRICT, PULAU PINANG, 2023<sup>e</sup>



### LIFE EXPECTANCY BY ADMINISTRATIVE DISTRICT

Two administrative districts recorded life expectancy above the Pulau Pinang level (74.4 years) namely **Timur Laut** (75.7 years) and **Barat Daya** (74.7 years)

Note: <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## DEMOGRAPHIC INDICATORS BY ADMINISTRATIVE DISTRICT, PULAU PINANG

Administrative District	Population			Deaths			Live Births		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Pulau Pinang	1,771,587	907,699	863,888	13,978	7,781	6,197	18,571	9,510	9,061
Seberang Perai Tengah	433,311	230,523	202,788	2,901	1,601	1,300	4,661	2,353	2,308
Seberang Perai Utara	346,409	176,076	170,333	2,691	1,510	1,181	4,580	2,362	2,218
Seberang Perai Selatan	186,596	93,940	92,656	1,498	866	632	2,612	1,341	1,271
Timur Laut	561,318	284,417	276,901	5,139	2,816	2,323	3,752	1,924	1,828
Barat Daya	243,953	122,743	121,210	1,749	988	761	2,966	1,530	1,436

**Notes:**

Population statistics refer to mid-year population estimates 2023

Deaths and live births statistics refer to year 2021

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## SABAH

### BOTH SEXES

2013  
**73.5**  
years

2023<sup>e</sup>  
**74.1**  
years



### MALE

2013  
**71.9**  
years

2023<sup>e</sup>  
**72.2**  
years



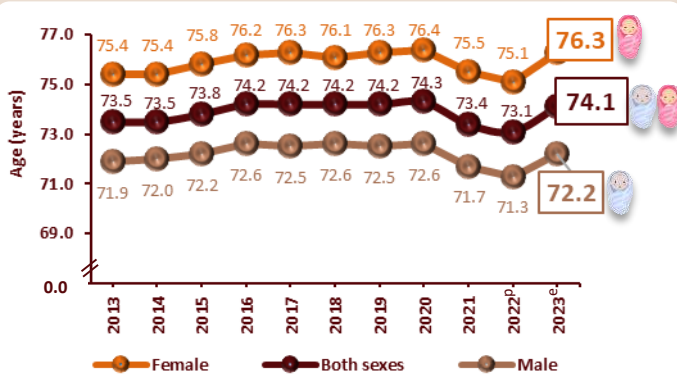
### FEMALE

2013  
**75.4**  
years

2023<sup>e</sup>  
**76.3**  
years



## LIFE EXPECTANCY AT BIRTH, 2013 - 2023<sup>e</sup>



### MAIN FINDINGS

On average, a **baby girl** born in 2023 in Sabah is expected to live longer up to **76.3 years** while a **baby boy**, is expected to live until **72.2 years**.

For the period of 2013 to 2019 (6 years), **life expectancy at birth increased by 0.7 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 1.2 years** with **both males and females decreased by 1.3 years**. In 2023, **life expectancy at birth recorded an increase of 1.0 years** as compared to 2022. The increase in life expectancy is due to improved number of deaths in 2023 as compared to 2021 and 2022 which was attributed to the increase in the number of excess deaths during the pandemic COVID-19.

## LIFE EXPECTANCY AT SPECIFIC AGE, 2023<sup>e</sup>

### AT BIRTH

Male

**72.2**  
years

2013: 71.9 years

Female

**76.3**  
years

2013: 75.4 years

A **baby boy** born in **2023** is expected to live until **72.2 years** and a **baby girl** is expected to live until **76.3 years**

### AT AGE 15 YEARS

Male

**58.1**  
years

2013: 58.0 years

Female

**62.1**  
years

2013: 61.4 years

A **male** at the age of **15 years** in **2023** is expected to live another **58.1 years** and **female** another **62.1 years**

### AT AGE 60 YEARS

Male

**18.2**  
years

2013: 17.1 years

Female

**20.7**  
years

2013: 19.4 years

A **male** at the age of **60 years** in **2023** is expected to live another **18.2 years** and **female** another **20.7 years**

### AT AGE 65 YEARS

Male

**15.3**  
years

2013: 13.3 years

Female

**17.2**  
years

2013: 15.4 years

A **male** at the age of **65 years** in **2023** is expected to live another **15.3 years** and **female** another **17.2 years**

Notes: <sup>p</sup> Preliminary <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## LIFE EXPECTANCY AT BIRTH BY ADMINISTRATIVE DISTRICT, SABAH, 2023<sup>e</sup>

Rank	Administrative District	Both Sexes	Male	Female
1	Kalabakan	78.9	76.0	82.8
2	Tongod	78.1	75.8	81.5
3	Kinabatangan	77.7	76.6	79.2
4	Kota Kinabalu	77.3	75.3	79.5
5	Sandakan	76.7	75.7	77.8
6	Penampang	75.8	73.1	79.4
7	Tawau	75.6	73.9	77.6
8	Lahad Datu	75.5	73.9	77.5
9	Nabawan	74.7	73.3	75.8
10	Telupid	74.4	73.5	78.3
	<b>Sabah</b>	<b>74.1</b>	<b>72.2</b>	<b>76.3</b>
11	Keningau	74.0	71.8	76.5
12	Beluran	73.6	73.1	74.0
13	Kunak	73.4	72.3	74.7
14	Semporna	72.9	71.6	74.3
15	Kudat	72.2	69.4	75.7
16	Ranau	71.7	69.8	73.8
17	Putatan	71.7	67.3	77.2
18	Kota Belud	71.4	69.6	73.4
19	Tuaran	70.9	68.8	73.3
20	Papar	70.2	67.8	73.2
21	Kota Marudu	69.9	66.6	73.5
22	Pitas	69.3	68.3	70.4
23	Sipitang	68.4	67.6	69.6
24	Tambunan	68.3	66.3	70.5
25	Tenom	67.6	64.3	72.0
26	Beaufort	66.6	65.0	68.7
27	Kuala Penyu	64.4	62.7	68.1

### LIFE EXPECTANCY BY ADMINISTRATIVE DISTRICT

**10 administrative districts** recorded life expectancy above the **Sabah level** (74.1 years) namely **Kalabakan** (78.9 years), **Tongod** (78.1 years), **Kinabatangan** (77.7 years), **Kota Kinabalu** (77.3 years), **Sandakan** (76.7 years), **Penampang** (75.8 years), **Tawau** (75.6 years), **Lahad Datu** (75.5 years), **Nabawan** (74.7 years) and **Telupid** (74.4 years)

Note: <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## DEMOGRAPHIC INDICATORS BY ADMINISTRATIVE DISTRICT, SABAH

Administrative District	Population			Deaths			Live Births		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Sabah</b>	<b>3,592,837</b>	<b>1,874,825</b>	<b>1,718,012</b>	<b>18,873</b>	<b>10,791</b>	<b>8,082</b>	<b>41,608</b>	<b>21,544</b>	<b>20,064</b>
Tawau	393,759	205,239	188,520	1,984	1,181	803	4,016	2,094	1,922
Lahad Datu	241,248	128,300	112,948	956	544	412	2,817	1,448	1,369
Semporna	185,959	95,453	90,506	793	411	382	2,749	1,437	1,312
Sandakan	469,704	243,142	226,562	2,097	1,220	877	4,131	2,147	1,984
Kinabatangan	148,972	82,860	66,112	270	157	113	645	355	290
Beluran	83,825	45,413	38,412	349	197	152	791	435	356
Kota Kinabalu	525,345	270,203	255,142	2,161	1,263	898	4,684	2,423	2,261
Ranau	87,492	45,122	42,370	564	326	238	1,419	711	708
Kota Belud	109,531	55,064	54,467	866	458	408	1,618	829	789
Tuaran	139,891	71,103	68,788	1,031	549	482	1,839	980	859
Penampang	165,683	87,635	78,048	854	523	331	1,518	772	746
Papar	154,581	82,354	72,227	1,054	592	462	2,111	1,085	1,026
Kudat	90,616	46,058	44,558	755	422	333	1,431	727	704
Kota Marudu	72,342	37,028	35,314	621	363	258	1,565	795	770
Pitas	37,909	19,542	18,367	391	224	167	802	410	392
Beaufort	77,051	39,883	37,168	719	431	288	1,074	557	517
Kuala Penyu	24,165	12,166	11,999	254	151	103	325	151	174
Sipitang	39,295	20,484	18,811	274	147	127	572	294	278
Tenom	52,933	27,157	25,776	468	262	206	879	458	421
Nabawan	30,078	15,969	14,109	174	97	77	699	350	349
Keningau	155,965	80,516	75,449	953	545	408	2,781	1,457	1,324
Tambunan	32,715	16,626	16,089	229	135	94	629	330	299
Kunak	76,083	41,184	34,899	261	133	128	914	477	437
Tongod	43,939	23,754	20,185	151	84	67	353	172	181
Putatan	70,197	36,715	33,482	404	224	180	812	417	395
Telupid	30,318	16,563	13,755	116	81	35	335	177	158
Kalabakan	53,241	29,292	23,949	124	71	53	99	56	43

**Notes:**

Population statistics refer to mid-year population estimates 2023

Deaths and live births statistics refer to year 2021

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## SARAWAK

### BOTH SEXES

2013  
**76.1**  
years

2023<sup>e</sup>  
**74.9**  
years



### MALE

2013  
**74.4**  
years

2023<sup>e</sup>  
**72.6**  
years



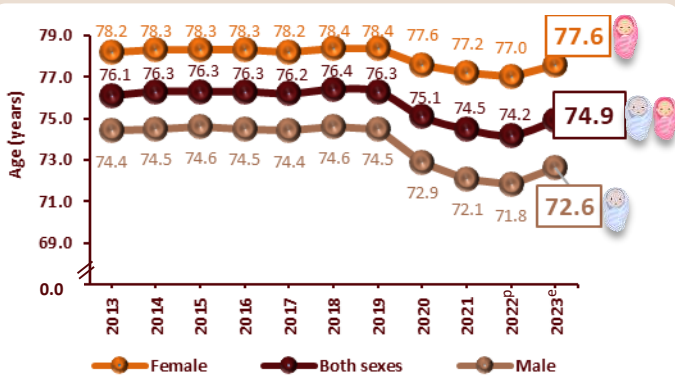
### FEMALE

2013  
**78.2**  
years

2023<sup>e</sup>  
**77.6**  
years



## LIFE EXPECTANCY AT BIRTH, 2013 - 2023<sup>e</sup>



### MAIN FINDINGS

On average, a **baby girl** born in 2023 in Sarawak is expected to live longer up to **77.6 years** while a **baby boy**, is expected to live until **72.6 years**.

For the period of 2013 to 2019 (6 years), **life expectancy at birth increased by 0.2 years** with **males increased by 0.1 years** and **females, 0.2 years**. However, from 2020 to 2022 (3 years), **life expectancy at birth decreased by 0.9 years** with **males decreased by 1.1 years** while **females decreased by 0.6 years**. In 2023, **life expectancy at birth recorded an increase of 0.7 years** as compared to 2022. The increase in life expectancy is due to improved number of deaths in 2023 as compared to 2021 and 2022 which was attributed to the increase in the number of excess deaths during the pandemic COVID-19.

## LIFE EXPECTANCY AT SPECIFIC AGE, 2023<sup>e</sup>

### AT BIRTH

Male

**72.6**  
years

2013: 74.4 years

Female

**77.6**  
years

2013: 78.2 years

A **baby boy** born in **2023** is expected to live until **72.6 years** and a **baby girl** is expected to live until **77.6 years**

### AT AGE 15 YEARS

Male

**58.4**  
years

2013: 60.3 years

Female

**63.4**  
years

2013: 63.8 years

A **male** at the age of **15 years** in **2023** is expected to live another **58.4 years** and **female** another **63.4 years**

### AT AGE 60 YEARS

Male

**18.9**  
years

2013: 19.5 years

Female

**21.5**  
years

2013: 21.4 years

A **male** at the age of **60 years** in **2023** is expected to live another **18.9 years** and **female** another **21.5 years**

### AT AGE 65 YEARS

Male

**15.2**  
years

2013: 15.7 years

Female

**17.3**  
years

2013: 17.3 years

A **male** at the age of **65 years** in **2023** is expected to live another **15.2 years** and **female** another **17.3 years**

Notes: <sup>p</sup> Preliminary <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## LIFE EXPECTANCY AT BIRTH BY ADMINISTRATIVE DISTRICT, SARAWAK, 2023<sup>e</sup>

Rank	Administrative District	Both Sexes	Male	Female
1	Samarahan	80.2	78.4	81.9
2	Kuching	77.0	74.4	80.0
3	Bintulu	77.0	75.3	78.9
4	Sibu	75.9	73.4	78.8
5	Sri Aman	75.4	72.1	79.2
6	Tebedu	75.4	75.3	75.2
7	Serian	75.0	73.7	78.8
8	Belaga	75.0	71.7	80.0
	<b>Sarawak</b>	<b>74.9</b>	<b>72.6</b>	<b>77.6</b>
9	Miri	74.9	72.8	77.5
10	Bau	74.6	72.1	79.2
11	Lubok Antu	74.5	68.2	79.6
12	Lundu	74.2	71.5	79.4
13	Tatau	74.2	71.5	77.9
14	Matu	74.1	72.4	76.1
15	Asajaya	74.1	71.0	78.6
16	Sarikei	73.7	71.0	78.0
17	Telang Usan	73.4	71.3	76.6
18	Limbang	73.4	70.9	76.1
19	Selangau	73.2	70.5	76.8
20	Kapit	73.0	70.1	76.8

Rank	Administrative District	Both Sexes	Male	Female
21	Simunjan	72.6	70.5	76.5
22	Lawas	72.6	71.5	73.9
23	Dalat	72.5	68.8	78.2
24	Saratok	72.4	69.0	76.9
25	Julau	72.1	69.1	72.9
26	Mukah	72.1	70.1	73.6
27	Sebauh	71.4	72.0	72.8
28	Beluru	71.4	66.0	75.9
29	Pusa	71.3	69.2	72.4
30	Daro	71.2	69.7	72.8
31	Subis	71.2	71.3	71.8
32	Betong	71.1	69.4	73.1
33	Pakan	71.1	67.8	74.2
34	Kabong	70.8	67.7	74.4
35	Maradong	69.9	66.8	74.0
36	Tanjung Manis	69.8	66.7	71.6
37	Song	69.0	63.3	73.7
38	Marudi	68.2	66.6	70.5
39	Bukit Mabong	66.8	66.4	66.5
40	Kanowit	66.8	59.6	74.5

### LIFE EXPECTANCY BY ADMINISTRATIVE DISTRICT

**Eight administrative districts** recorded life expectancy above the **Sarawak level** (74.9 years) namely **Samarahan** (80.2 years), **Kuching** (77.0 years), **Bintulu** (77.0 years), **Sibu** (75.9 years), **Sri Aman** (75.4 years), **Tebedu** (75.4 years), **Serian** (75.0 years) and **Belaga** (75.0 years)

Note: <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## DEMOGRAPHIC INDICATORS BY ADMINISTRATIVE DISTRICT, SARAWAK

Administrative District	Population			Deaths			Live Births		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Sarawak</b>	<b>2,509,522</b>	<b>1,297,168</b>	<b>1,212,354</b>	<b>17,596</b>	<b>10,209</b>	<b>7,387</b>	<b>31,274</b>	<b>16,062</b>	<b>15,212</b>
Kuching	621,656	313,540	308,116	3,452	1,972	1,480	7,143	3,662	3,481
Bau	53,509	27,706	25,803	429	277	152	781	411	370
Lundu	34,350	18,385	15,965	241	138	103	528	279	249
Samarahan	134,614	65,263	69,351	354	219	135	1,428	735	693
Serian	86,988	44,565	42,423	794	479	315	1,302	650	652
Simunjan	37,016	19,418	17,598	352	200	152	739	365	374
Sri Aman	61,234	31,587	29,647	642	361	281	787	414	373
Lubok Antu	24,638	12,441	12,197	295	171	124	293	155	138
Betong	36,794	19,106	17,688	444	258	186	700	384	316
Saratok	23,271	11,439	11,832	281	143	138	359	171	188
Sarikei	44,700	22,425	22,275	429	263	166	686	370	316
Maradong	20,701	10,325	10,376	265	150	115	353	192	161
Daro	20,063	10,864	9,199	178	108	70	397	200	197
Julau	15,474	7,664	7,810	190	109	81	244	124	120
Sibu	253,953	131,245	122,708	2,004	1,157	847	2,605	1,301	1,304
Dalat	21,757	11,299	10,458	184	97	87	317	179	138
Mukah	42,957	22,717	20,240	375	222	153	657	333	324
Kanowit	24,803	12,369	12,434	406	221	185	395	208	187
Bintulu	186,562	101,242	85,320	594	377	217	1,680	874	806
Tatau	32,281	17,678	14,603	199	105	94	337	165	172
Kapit	36,677	18,448	18,229	380	206	174	474	252	222

**Notes:**

Population statistics refer to mid-year population estimates 2023

Deaths and live births statistics refer to year 2021

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## DEMOGRAPHIC INDICATORS BY ADMINISTRATIVE DISTRICT, SARAWAK

Administrative District	Population			Deaths			Live Births		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Song	10,155	4,937	5,218	179	110	69	232	119	113
Belaga	22,919	13,119	9,800	127	80	47	287	147	140
Miri	255,098	133,558	121,540	1,396	838	558	2,823	1,447	1,376
Marudi	18,877	10,024	8,853	191	117	74	381	184	197
Limbang	46,213	23,706	22,507	342	204	138	626	317	309
Lawas	37,829	19,279	18,550	289	179	110	627	327	300
Matu	16,682	9,040	7,642	187	109	78	266	153	113
Asajaya	34,474	17,563	16,911	277	150	127	616	314	302
Pakan	15,599	8,200	7,399	196	108	88	231	121	110
Selangau	20,329	10,514	9,815	126	69	57	208	113	95
Tebedu	25,444	12,913	12,531	201	117	84	322	182	140
Pusa	20,011	10,312	9,699	236	105	131	339	171	168
Kabong	18,765	9,418	9,347	211	128	83	397	191	206
Tanjung Manis	7,958	4,187	3,771	85	40	45	136	64	72
Sebauh	31,897	18,195	13,702	181	103	78	236	119	117
Bukit Mabong	10,519	6,421	4,098	108	48	60	326	177	149
Subis	57,068	31,608	25,460	451	265	186	730	351	379
Beluru	28,284	15,166	13,118	202	127	75	186	92	94
Telang Usan	17,403	9,282	8,121	123	79	44	100	49	51

**Notes:**

Population statistics refer to mid-year population estimates 2023

Deaths and live births statistics refer to year 2021

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## SELANGOR

### BOTH SEXES

2013  
**75.1**  
years

2023<sup>e</sup>  
**78.1**  
years



### MALE

2013  
**73.2**  
years

2023<sup>e</sup>  
**76.1**  
years



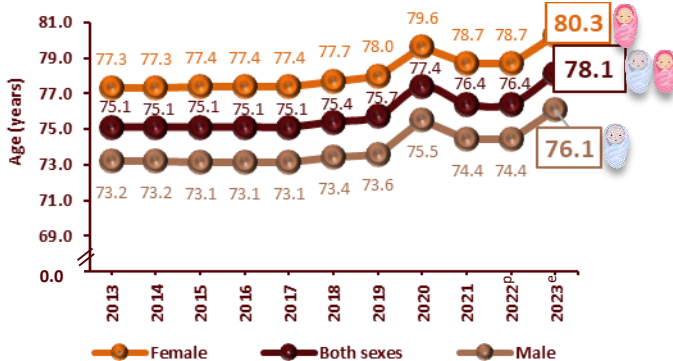
### FEMALE

2013  
**77.3**  
years

2023<sup>e</sup>  
**80.3**  
years



## LIFE EXPECTANCY AT BIRTH, 2013 - 2023<sup>e</sup>



### MAIN FINDINGS

On average, a **baby girl** born in 2023 in Selangor is expected to live longer up to **80.3 years** while a **baby boy**, is expected to live until **76.1 years**.

For the period of 2013 to 2019 (6 years), **life expectancy at birth increased by 0.6 years with males increased by 0.4 years and females, 0.7 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**. In 2023, **life expectancy at birth recorded an increase of 1.7 years** as compared to 2022. The increase in life expectancy is due to improved number of deaths in 2023 as compared to 2021 and 2022 which was attributed to the increase in the number of excess deaths during the pandemic COVID-19.

## LIFE EXPECTANCY AT SPECIFIC AGE, 2023<sup>e</sup>

### AT BIRTH

Male

**76.1**  
years

2013: 73.2 years

Female

**80.3**  
years

2013: 77.3 years

A **baby boy** born in **2023** is expected to live until **76.1 years** and a **baby girl** is expected to live until **80.3 years**

### AT AGE 15 YEARS

Male

**61.8**  
years

2013: 58.9 years

Female

**65.9**  
years

2013: 62.9 years

A **male** at the age of **15 years** in **2023** is expected to live another **61.8 years** and **female** another **65.9 years**

### AT AGE 60 YEARS

Male

**21.0**  
years

2013: 18.2 years

Female

**23.3**  
years

2013: 20.3 years

A **male** at the age of **60 years** in **2023** is expected to live another **21.0 years** and **female** another **23.3 years**

### AT AGE 65 YEARS

Male

**17.4**  
years

2013: 14.6 years

Female

**19.2**  
years

2013: 16.3 years

A **male** at the age of **65 years** in **2023** is expected to live another **17.4 years** and **female** another **19.2 years**

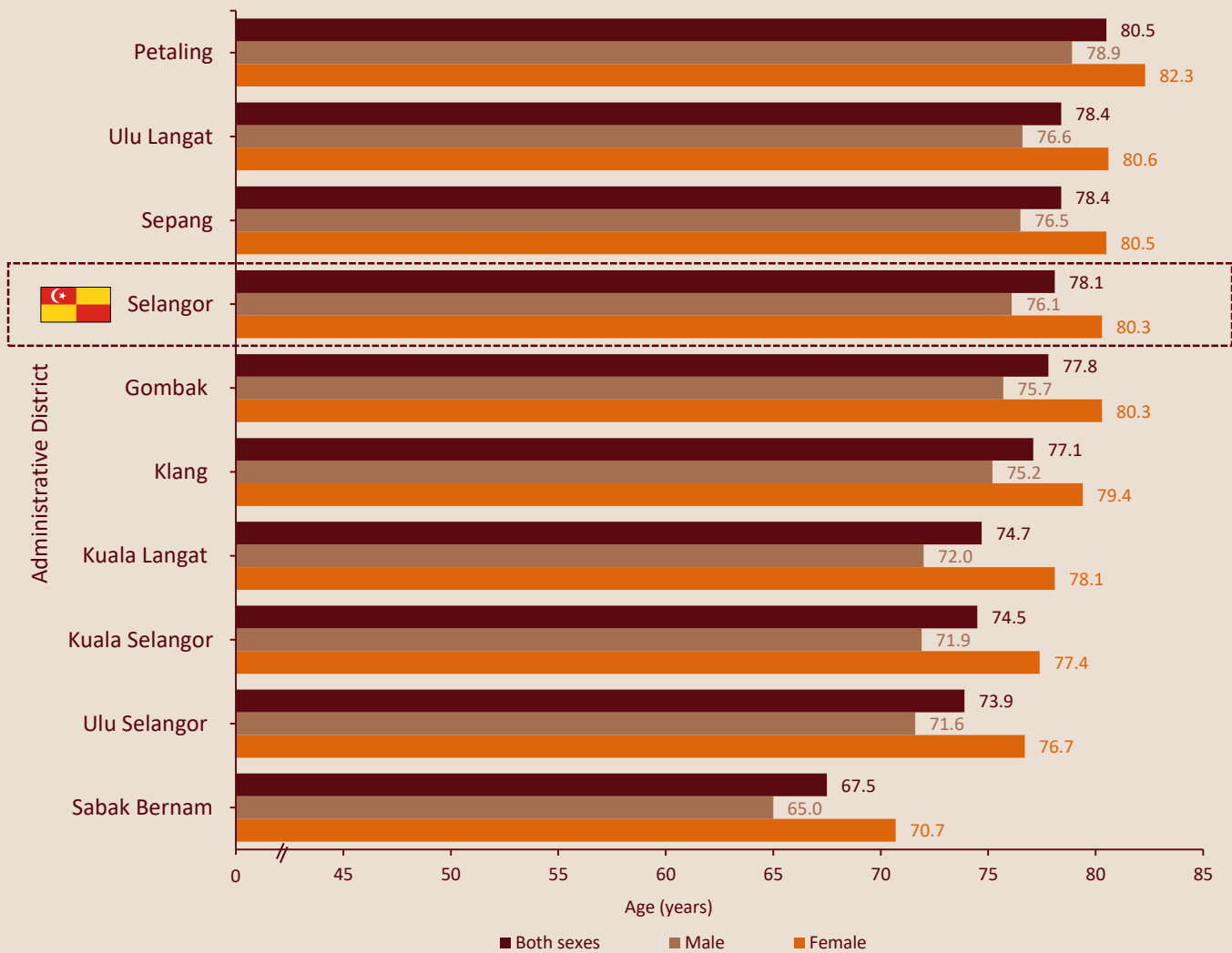
Notes: <sup>p</sup> Preliminary <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## LIFE EXPECTANCY AT BIRTH BY ADMINISTRATIVE DISTRICT, SELANGOR, 2023<sup>e</sup>



### LIFE EXPECTANCY BY ADMINISTRATIVE DISTRICT

Three administrative districts recorded life expectancy above the Selangor level (78.1 years) namely **Petaling** (80.5 years), **Ulu Langat** (78.4 years) and **Selangor** (78.4 years)

Note: <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## DEMOGRAPHIC INDICATORS BY ADMINISTRATIVE DISTRICT, SELANGOR

Administrative District	Population			Deaths			Live Births		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Selangor	7,205,268	3,828,407	3,376,861	42,051	24,531	17,520	90,118	46,638	43,480
Gombak	965,627	503,359	462,268	5,770	3,359	2,411	12,103	6,256	5,847
Klang	1,132,760	619,673	513,087	7,717	4,538	3,179	14,843	7,683	7,160
Kuala Langat	320,241	167,675	152,566	2,170	1,244	926	5,663	2,937	2,726
Kuala Selangor	292,964	150,060	142,904	1,783	1,042	741	4,703	2,427	2,276
Petaling	2,334,202	1,238,365	1,095,837	11,605	6,728	4,877	23,399	12,128	11,271
Sabak Bernam	109,102	56,887	52,215	1,166	666	500	1,971	1,035	936
Sepang	338,556	181,230	157,326	1,497	857	640	5,397	2,771	2,626
Ulu Langat	1,459,793	776,791	683,002	8,801	5,162	3,639	18,561	9,625	8,936
Ulu Selangor	252,023	134,367	117,656	1,542	935	607	3,478	1,776	1,702

**Notes:**

Population statistics refer to mid-year population estimates 2023

Deaths and live births statistics refer to year 2021

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## TERENGGANU

### BOTH SEXES

2013  
**71.3**  
years

2023<sup>e</sup>  
**71.2**  
years



### MALE

2013  
**68.6**  
years

2023<sup>e</sup>  
**69.2**  
years



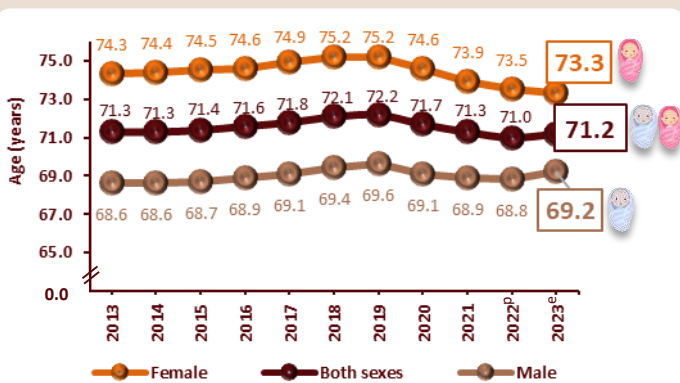
### FEMALE

2013  
**74.3**  
years

2023<sup>e</sup>  
**73.3**  
years



## LIFE EXPECTANCY AT BIRTH, 2013 - 2023<sup>e</sup>



### MAIN FINDINGS

On average, a **baby girl** born in 2023 in Terengganu is expected to live longer up to **73.3 years** while a **baby boy**, is expected to live until **69.2 years**.

For the period of 2013 to 2019 (6 years), **life expectancy at birth increased by 0.9 years** with **males increased by 1.0 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 0.3 years** while **females decreased by 1.1 years**. In 2023, **life expectancy at birth recorded an increase of 0.2 years** as compared to 2022. The increase in life expectancy is due to improved number of deaths in 2023 as compared to 2021 and 2022 which was attributed to the increase in the number of excess deaths during the pandemic COVID-19.

## LIFE EXPECTANCY AT SPECIFIC AGE, 2023<sup>e</sup>

### AT BIRTH

Male

**69.2**  
years

2013: 68.6 years

Female

**73.3**  
years

2013: 74.3 years

A **baby boy** born in **2023** is expected to live until **69.2 years** and a **baby girl** is expected to live until **73.3 years**

### AT AGE 15 YEARS

Male

**55.0**  
years

2013: 54.7 years

Female

**59.1**  
years

2013: 60.1 years

A **male** at the age of **15 years** in **2023** is expected to live another **55.0 years** and **female** another **59.1 years**

### AT AGE 60 YEARS

Male

**16.0**  
years

2013: 16.4 years

Female

**18.1**  
years

2013: 18.6 years

A **male** at the age of **60 years** in **2023** is expected to live another **16.0 years** and **female** another **18.1 years**

### AT AGE 65 YEARS

Male

**12.8**  
years

2013: 13.0 years

Female

**14.6**  
years

2013: 14.7 years

A **male** at the age of **65 years** in **2023** is expected to live another **12.8 years** and **female** another **14.6 years**

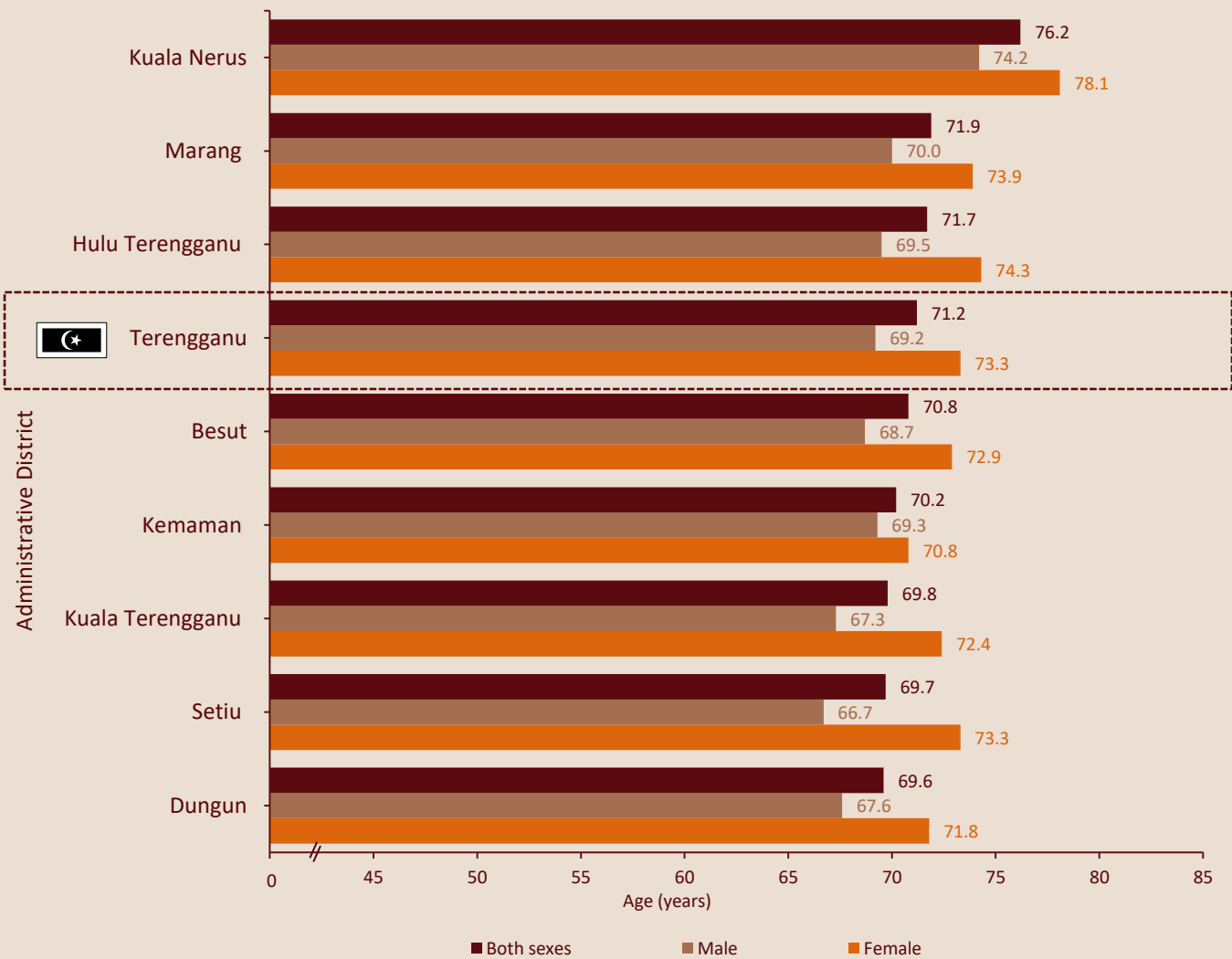
Notes: <sup>p</sup> Preliminary <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## LIFE EXPECTANCY AT BIRTH BY ADMINISTRATIVE DISTRICT, TERENGGANU, 2023<sup>e</sup>



### LIFE EXPECTANCY BY ADMINISTRATIVE DISTRICT

Three administrative districts recorded life expectancy above the Terengganu level (71.2 years) namely **Kuala Nerus** (76.2 years), **Marang** (71.9 years) and **Hulu Terengganu** (71.7 years)

Note: <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## DEMOGRAPHIC INDICATORS BY ADMINISTRATIVE DISTRICT, TERENGGANU

Administrative District	Population			Deaths			Live Births		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Terengganu</b>	<b>1,209,376</b>	<b>620,281</b>	<b>589,095</b>	<b>8,469</b>	<b>4,645</b>	<b>3,824</b>	<b>26,337</b>	<b>13,632</b>	<b>12,705</b>
Besut	162,584	82,857	79,727	1,227	677	550	3,734	1,962	1,772
Dungun	165,154	84,958	80,196	1,161	634	527	3,425	1,756	1,669
Kemaman	226,575	119,602	106,973	1,241	718	523	4,174	2,148	2,026
Kuala Terengganu	240,952	121,614	119,338	2,051	1,121	930	5,978	3,072	2,906
Marang	123,988	63,246	60,742	837	438	399	2,841	1,487	1,354
Hulu Terengganu	73,677	39,343	34,334	591	301	290	1,671	862	809
Setiu	62,887	32,100	30,787	512	272	240	1,468	757	711
Kuala Nerus	153,559	76,561	76,998	849	484	365	3,046	1,588	1,458

**Notes:**

Population statistics refer to mid-year population estimates 2023

Deaths and live births statistics refer to year 2021

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## W.P. KUALA LUMPUR

### BOTH SEXES

2013  
**76.0**  
years

2023<sup>e</sup>  
**76.5**  
years



### MALE

2013  
**74.1**  
years

2023<sup>e</sup>  
**74.4**  
years



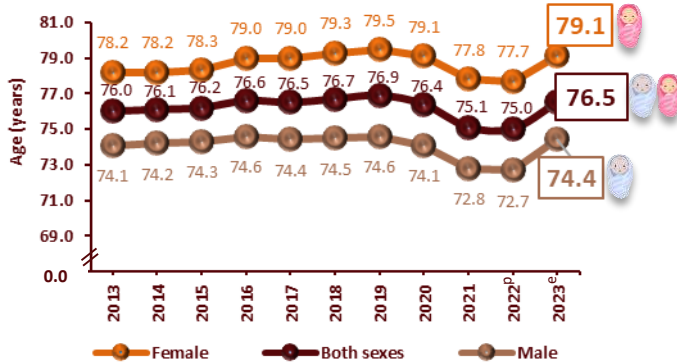
### FEMALE

2013  
**78.2**  
years

2023<sup>e</sup>  
**79.1**  
years



## LIFE EXPECTANCY AT BIRTH, 2013 - 2023<sup>e</sup>



### MAIN FINDINGS

On average, a **baby girl** born in 2023 in W.P. Kuala Lumpur is expected to live longer up to **79.1 years** while a **baby boy**, is expected to live until **74.4 years**.

For the period of 2013 to 2019 (6 years), **life expectancy at birth increased by 0.9 years** with **males increased by 0.5 years** and **females, 1.3 years**. However, from 2020 to 2022 (3 years), **life expectancy at birth decreased by 1.4 years** with **both males and females decreased by 1.4 years**. In 2023, **life expectancy at birth recorded an increase of 1.5 years** as compared to 2022. The increase in life expectancy is due to improved number of deaths in 2023 as compared to 2021 and 2022 which was attributed to the increase in the number of excess deaths during the pandemic COVID-19.

## LIFE EXPECTANCY AT SPECIFIC AGE, 2023<sup>e</sup>

### AT BIRTH

Male

**74.4**  
years

2013: 74.1 years

Female

**79.1**  
years

2013: 78.2 years

A **baby boy** born in **2023** is expected to live until **74.4 years** and a **baby girl** is expected to live until **79.1 years**

### AT AGE 15 YEARS

Male

**60.1**  
years

2013: 59.8 years

Female

**64.7**  
years

2013: 63.7 years

A **male** at the age of **15 years** in **2023** is expected to live another **60.1 years** and **female** another **64.7 years**

### AT AGE 60 YEARS

Male

**18.9**  
years

2013: 19.1 years

Female

**21.9**  
years

2013: 21.1 years

A **male** at the age of **60 years** in **2023** is expected to live another **18.9 years** and **female** another **21.9 years**

### AT AGE 65 YEARS

Male

**15.5**  
years

2013: 15.5 years

Female

**18.0**  
years

2013: 17.0 years

A **male** at the age of **65 years** in **2023** is expected to live another **15.5 years** and **female** another **18.0 years**

Notes: <sup>p</sup> Preliminary <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## W.P. LABUAN

### BOTH SEXES

2013  
**75.3**  
years

2023<sup>e</sup>  
**76.1**  
years



### MALE

2013  
**73.8**  
years

2023<sup>e</sup>  
**75.2**  
years



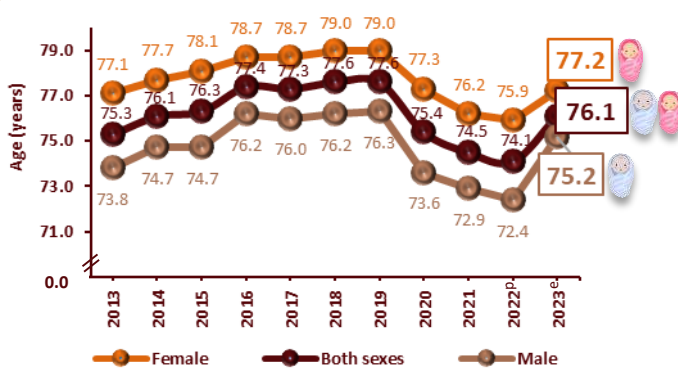
### FEMALE

2013  
**77.1**  
years

2023<sup>e</sup>  
**77.2**  
years



## LIFE EXPECTANCY AT BIRTH, 2013 - 2023<sup>e</sup>



### MAIN FINDINGS

On average, a **baby girl** born in 2023 in W.P. Labuan is expected to live longer up to **77.2 years** while a **baby boy**, is expected to live until **75.2 years**.

For the period of 2013 to 2019 (6 years), **life expectancy at birth increased by 2.3 years** with **males increased by 2.5 years** and **females, 1.9 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**. In 2023, **life expectancy at birth recorded an increase of 2.0 years** as compared to 2022. The increase in life expectancy is due to improved number of deaths in 2023 as compared to 2021 and 2022 which was attributed to the increase in the number of excess deaths during the pandemic COVID-19.

## LIFE EXPECTANCY AT SPECIFIC AGE, 2023<sup>e</sup>

### AT BIRTH

Male

**75.2**  
years

2013: 73.8 years

Female

**77.2**  
years

2013: 77.1 years

A **baby boy** born in **2023** is expected to live until **75.2 years** and a **baby girl** is expected to live until **77.2 years**

### AT AGE 15 YEARS

Male

**61.1**  
years

2013: 59.8 years

Female

**63.6**  
years

2013: 62.7 years

A **male** at the age of **15 years** in **2023** is expected to live another **61.1 years** and **female** another **63.6 years**

### AT AGE 60 YEARS

Male

**19.8**  
years

2013: 18.6 years

Female

**21.5**  
years

2013: 19.6 years

A **male** at the age of **60 years** in **2023** is expected to live another **19.8 years** and **female** another **21.5 years**

### AT AGE 65 YEARS

Male

**15.8**  
years

2013: 14.5 years

Female

**17.5**  
years

2013: 15.7 years

A **male** at the age of **65 years** in **2023** is expected to live another **15.8 years** and **female** another **17.5 years**

Notes: <sup>p</sup> Preliminary <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

# STATISTICS OF LIFE EXPECTANCY AT A GLANCE



## W.P. PUTRAJAYA

### BOTH SEXES

2013  
**71.7**  
years

2023<sup>e</sup>  
**75.3**  
years



### MALE

2013  
**71.6**  
years

2023<sup>e</sup>  
**73.3**  
years



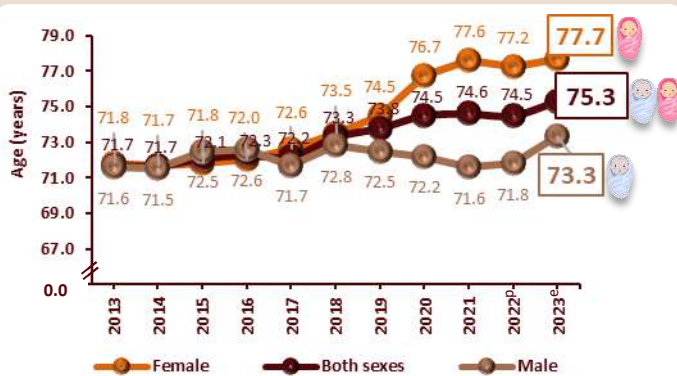
### FEMALE

2013  
**71.8**  
years

2023<sup>e</sup>  
**77.7**  
years



## LIFE EXPECTANCY AT BIRTH, 2013 - 2023<sup>e</sup>



### MAIN FINDINGS

On average, a **baby girl** born in 2023 in W.P. Putrajaya is expected to live longer up to **77.7 years** while a **baby boy**, is expected to live until **73.3 years**.

For the period of 2013 to 2019 (6 years), **life expectancy at birth increased by 2.1 years** with **males increased by 0.9 years** and **females, 2.7 years**. However, from 2020 to 2022 (3 years), **life expectancy at birth remained unchanged** with **males decreased by 0.4 years** while **females increased by 0.5 years**. In 2023, **life expectancy at birth recorded an increase of 0.8 years** as compared to 2022. The increase in life expectancy is due to improved number of deaths in 2023 as compared to 2021 and 2022 which was attributed to the increase in the number of excess deaths during the pandemic COVID-19.

## LIFE EXPECTANCY AT SPECIFIC AGE, 2023<sup>e</sup>

### AT BIRTH

Male

**73.3**  
years

2013: 71.6 years

Female

**77.7**  
years

2013: 71.8 years

A **baby boy** born in **2023** is expected to live until **73.3 years** and a **baby girl** is expected to live until **77.7 years**

### AT AGE 15 YEARS

Male

**58.9**  
years

2013: 57.6 years

Female

**63.9**  
years

2013: 57.6 years

A **male** at the age of **15 years** in **2023** is expected to live another **58.9 years** and **female** another **63.9 years**

### AT AGE 60 YEARS

Male

**16.4**  
years

2013: 15.3 years

Female

**21.1**  
years

2013: 14.3 years

A **male** at the age of **60 years** in **2023** is expected to live another **16.4 years** and **female** another **21.1 years**

### AT AGE 65 YEARS

Male

**12.8**  
years

2013: 11.3 years

Female

**16.7**  
years

2013: 10.5 years

A **male** at the age of **65 years** in **2023** is expected to live another **12.8 years** and **female** another **16.7 years**

Notes: <sup>p</sup> Preliminary <sup>e</sup> Estimates

SOURCE: ABRIDGED LIFE TABLES, MALAYSIA, 2021-2023, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)

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# RINGKASAN PENEMUAN



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## 1. PENGENALAN

Jadual Hayat Ringkas, Malaysia, 2021-2023 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. Buat pertama kalinya penerbitan ini turut membentangkan jangkaan hayat ketika lahir mengikut jantina bagi 156 daerah pentadbiran. Jadual hayat ini dijana menggunakan statistik kematian pertengahan tahun dan anggaran penduduk pertengahan tahun.

Jadual hayat ringkas bagi tahun 2021 (muktamad) dan 2022 (permulaan) dianggarkan menggunakan model Coale-Demeny (West) berasaskan kepada purata bilangan kematian pertengahan tahun untuk tempoh tiga tahun. Bagi tahun semasa, 2023 (anggaran), mengguna pakai model Brass Logit.

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

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

## 2. PENEMUAN UTAMA JADUAL HAYAT RINGKAS, 2021-2023

- a. Seorang bayi yang lahir pada tahun ...
  - i. 2021 secara purata dijangka hidup sehingga 74.0 tahun.
  - ii. 2022<sup>p</sup> secara purata dijangka hidup sehingga 73.8 tahun.
  - iii. 2023<sup>e</sup> secara purata dijangka hidup sehingga 74.8 tahun.
  
- b. Seorang bayi lelaki yang lahir pada tahun ...
  - i. 2021 secara purata dijangka hidup sehingga 71.8 tahun.
  - ii. 2022<sup>p</sup> secara purata dijangka hidup sehingga 71.5 tahun.
  - iii. 2023<sup>e</sup> secara purata dijangka hidup sehingga 72.5 tahun.
  
- c. Seorang bayi perempuan yang lahir pada tahun ...
  - i. 2021 secara purata dijangka hidup sehingga 76.5 tahun.
  - ii. 2022<sup>p</sup> secara purata dijangka hidup sehingga 76.4 tahun.
  - iii. 2023<sup>e</sup> secara purata dijangka hidup sehingga 77.4 tahun.
  
- d. Seorang lelaki yang mencapai umur 15 tahun pada tahun ...
  - i. 2021 dijangka hidup selama 57.5 tahun lagi.
  - ii. 2022<sup>p</sup> dijangka hidup selama 57.3 tahun lagi.
  - iii. 2023<sup>e</sup> dijangka hidup selama 58.3 tahun lagi.
  
- e. Seorang perempuan yang mencapai umur 15 tahun pada tahun ...
  - i. 2021 dijangka hidup selama 62.2 tahun lagi.
  - ii. 2022<sup>p</sup> dijangka hidup selama 62.1 tahun lagi.
  - iii. 2023<sup>e</sup> dijangka hidup selama 63.1 tahun lagi.
  
- f. Seorang lelaki yang mencapai umur 60 tahun pada tahun ...
  - i. 2021 dijangka hidup selama 17.7 tahun lagi.
  - ii. 2022<sup>p</sup> dijangka hidup selama 17.6 tahun lagi.
  - iii. 2023<sup>e</sup> dijangka hidup selama 18.3 tahun lagi.
  
- g. Seorang perempuan yang mencapai umur 60 tahun pada tahun ...
  - i. 2021 dijangka hidup selama 20.5 tahun lagi.
  - ii. 2022<sup>p</sup> dijangka hidup selama 20.4 tahun lagi.
  - iii. 2023<sup>e</sup> dijangka hidup selama 21.1 tahun lagi.
  
- h. Cina kekal mencatatkan jangkaan hayat ketika lahir tertinggi bagi tahun 2021 hingga 2023.
  
- i. Selangor mencatatkan jangkaan hayat ketika lahir tertinggi bagi tahun 2021 hingga 2023 manakala Terengganu mencatatkan jangkaan hayat ketika lahir terendah bagi tempoh yang sama.

- j. **Petaling, Selangor** mencatatkan jangkaan hayat ketika lahir tertinggi (**80.5 tahun**) bagi tahun **2023**, manakala **Samarahan, Sarawak** mencatatkan jangkaan hayat ketika lahir tertinggi pada tahun **2021 (79.8 tahun)** dan **2022 (79.6 tahun)** di peringkat daerah. **Kecil Lojing, Kelantan** mencatatkan jangkaan hayat ketika lahir terendah pada tahun **2022 (63.2 tahun)** dan **2023 (62.8 tahun)** manakala **Kuala Penyu, Sabah** mencatatkan jangkaan hayat ketika lahir terendah pada **2021 (64.2 tahun)**.

### 3. JANGKAAN HAYAT KETIKA LAHIR

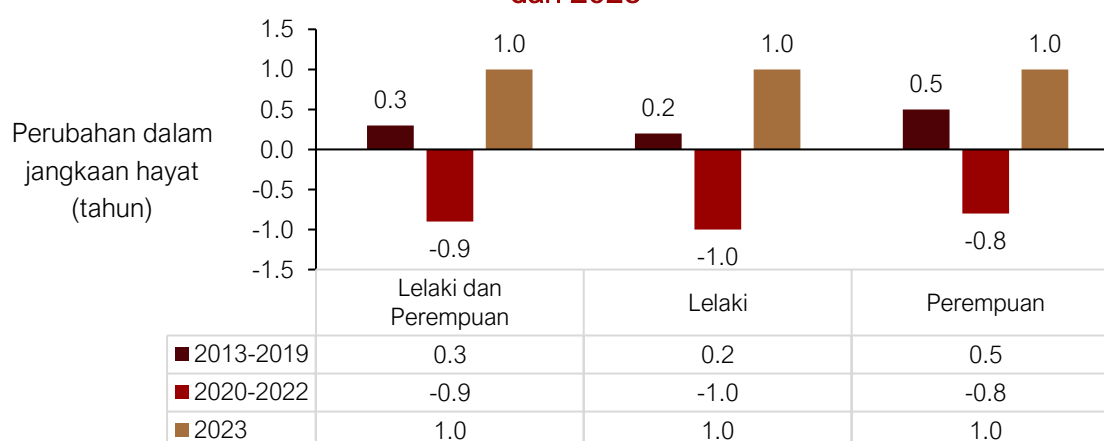
#### Jangkaan Hayat Ketika Lahir Meningkat pada Tahun 2023

Seorang bayi yang lahir pada **2021, 2022 dan 2023** secara purata masing-masing dijangka hidup sehingga **74.0 tahun, 73.8 tahun dan 74.8 tahun**.

Bagi tempoh **2013 hingga 2019**, jangkaan hayat ketika lahir meningkat **0.3 tahun** dengan lelaki meningkat **0.2 tahun** dan perempuan, **0.5 tahun**. Walau bagaimanapun, bagi tahun **2020 hingga 2022**, jangkaan hayat ketika lahir menurun **0.9 tahun** dengan jangkaan hayat ketika lahir bagi lelaki menurun **1.0 tahun** manakala perempuan menurun **0.8 tahun**. Pada tahun **2023**, jangkaan hayat ketika lahir mencatatkan peningkatan **1.0 tahun** berbanding **2022**.

Peningkatan jangkaan hayat ini disebabkan jumlah kematian pada tahun **2023** telah bertambah baik berbanding **2021 dan 2022** yang mana berlakunya lebih kematian semasa pandemik **COVID-19**. [Carta 1]

**Carta 1: Perubahan jangkaan hayat ketika lahir, Malaysia, 2013-2019, 2020-2022 dan 2023**



**Nota:**

**2013-2019:** Berdasarkan Banci Penduduk dan Perumahan Malaysia 2010 (Banci 2010)

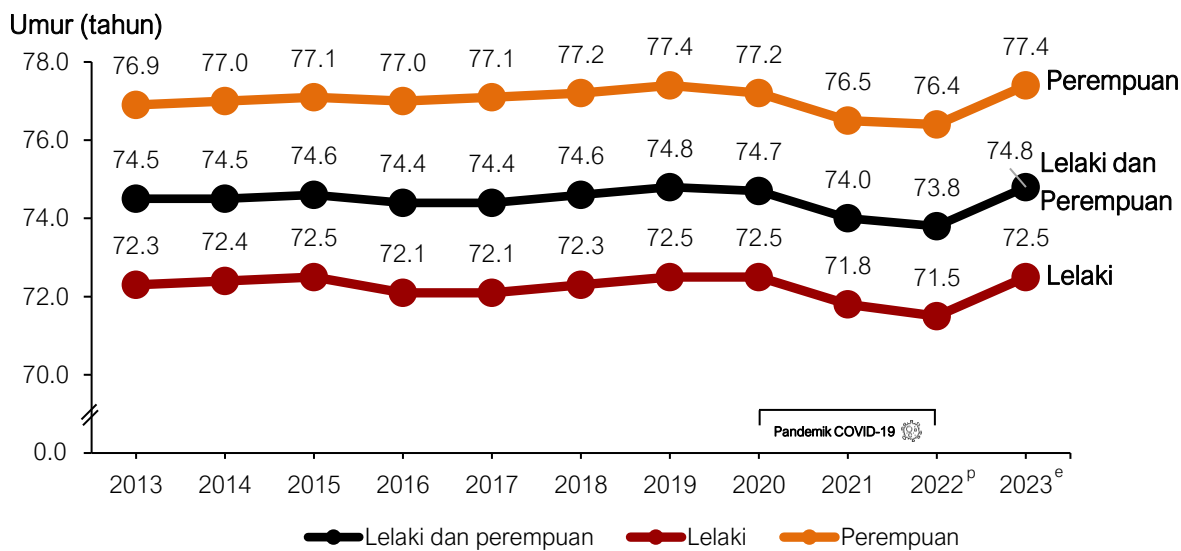
**2020-2023:** Berdasarkan Banci Penduduk dan Perumahan Malaysia 2020 (Banci 2020)

Seorang bayi perempuan yang lahir pada 2021 dan 2022 masing-masing dijangka boleh hidup sehingga 76.5 tahun dan 76.4 tahun, manakala bayi lelaki masing-masing dijangka boleh hidup sehingga 71.8 tahun dan 71.5 tahun bagi tempoh yang sama.

Secara purata, seorang bayi perempuan yang lahir pada 2023 dijangka boleh hidup sehingga 77.4 tahun manakala bayi lelaki dijangka boleh hidup sehingga 72.5 tahun.

[Carta 2]

Carta 2: Jangkaan hayat ketika lahir, Malaysia, 2013-2023



Nota:

<sup>p</sup> Permulaan

<sup>e</sup> Anggaran

#### 4. JANGKAAN HAYAT PADA UMUR 15 TAHUN

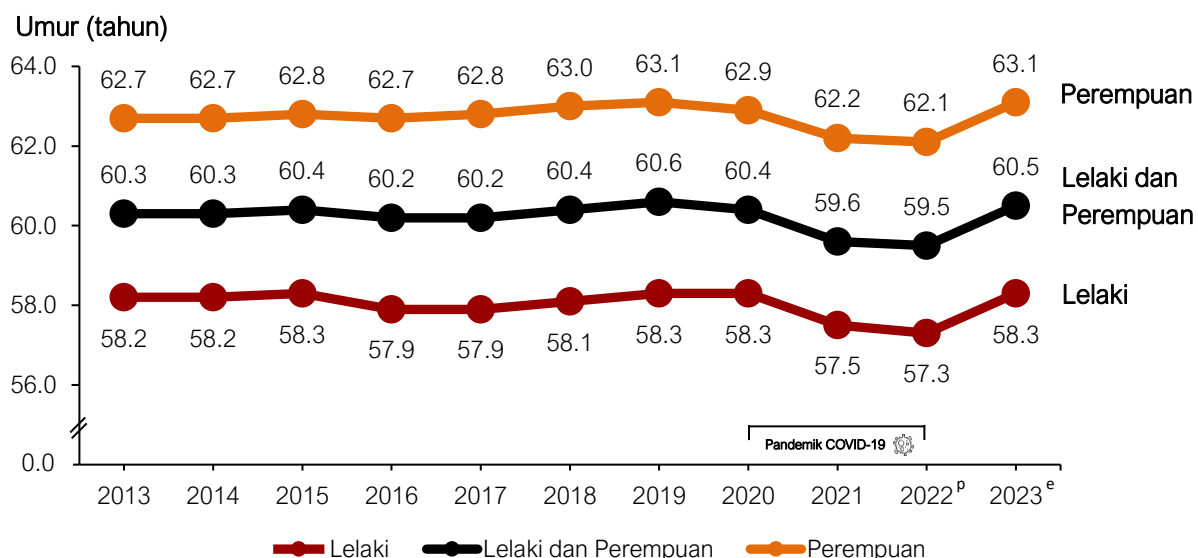
##### Perempuan pada Umur 15 Tahun Dijangka Hidup 4 Tahun Lebih Lama bagi Tempoh 2021 hingga 2023

Lelaki yang mencapai umur 15 tahun pada 2021, 2022 dan 2023 masing-masing dijangka hidup selama 57.5 tahun, 57.3 tahun dan 58.3 tahun lagi. Ini menunjukkan lelaki yang berumur 15 tahun pada 2021 dijangka hidup sehingga umur 72.5 tahun; lelaki yang berumur 15 tahun pada 2022 dijangka hidup sehingga umur 72.3 tahun dan lelaki yang berumur 15 tahun pada 2023 dijangka hidup sehingga 73.3 tahun.

Perempuan yang mencapai umur 15 tahun pada 2021, 2022 dan 2023 masing-masing dijangka hidup selama 62.2 tahun, 62.1 tahun dan 63.1 tahun lagi. Ini menunjukkan perempuan yang berumur 15 tahun pada 2021 dijangka hidup sehingga umur 77.2 tahun; perempuan yang berumur 15 tahun pada 2022 dijangka hidup sehingga umur 77.1 tahun dan perempuan yang berumur 15 tahun pada 2023 dijangka hidup sehingga umur 78.1 tahun.

Perempuan dijangka hidup lebih lama daripada lelaki dengan perbezaan antara jangkaan hayat adalah 4.7 tahun (2021), 4.8 tahun (2022) dan 4.8 tahun (2023). [Carta 3]

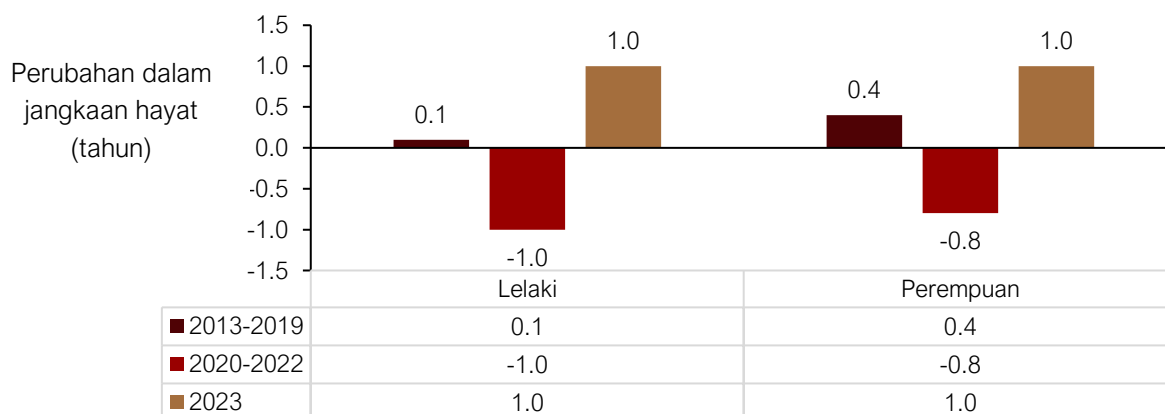
**Carta 3: Jangkaan hayat pada umur 15 tahun mengikut jantina, Malaysia, 2013-2023**



**Nota:**  
<sup>p</sup> Permulaan  
<sup>e</sup> Anggaran

Bagi tempoh 2013 hingga 2019, jangkaan hayat pada umur 15 tahun bagi lelaki meningkat 0.1 tahun dan perempuan, 0.4 tahun. Walau bagaimanapun, bagi tahun 2020 hingga 2022, jangkaan hayat pada umur 15 tahun bagi lelaki dan perempuan mencatatkan penurunan masing-masing 1.0 tahun dan 0.8 tahun. Pada tahun 2023, jangkaan hayat pada umur 15 tahun bagi lelaki dan perempuan kembali meningkat 1.0 tahun. Peningkatan jangkaan hayat ini disebabkan jumlah kematian pada tahun 2023 telah bertambah baik berbanding 2021 dan 2022 yang mana berlakunya lebih kematian semasa pandemik COVID-19. [Carta 4]

**Carta 4: Perubahan jangkaan hayat pada umur 15 tahun mengikut jantina, Malaysia, 2013-2019, 2020-2022 dan 2023**



## 5. JANGKAAN HAYAT PADA UMUR 60 TAHUN

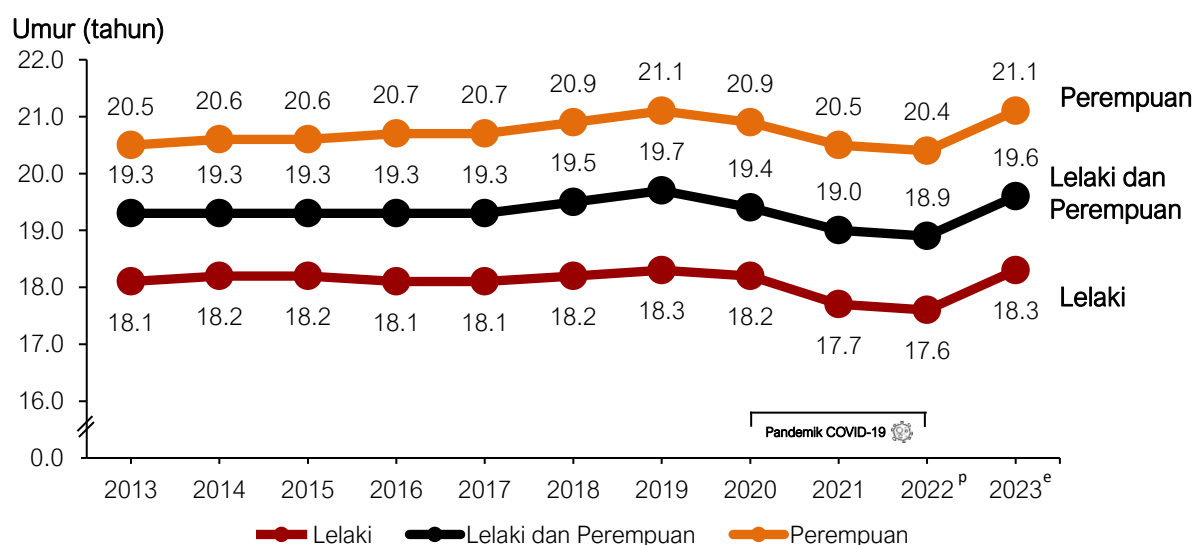
### Perempuan pada Umur 60 Tahun Dijangka Hidup Lebih 80 Tahun bagi Tempoh 2021 hingga 2023

Lelaki dan perempuan yang berumur 60 tahun pada 2021 masing-masing dijangka hidup selama 17.7 tahun dan 20.5 tahun lagi. Ini bermakna, lelaki yang berumur 60 tahun pada 2021 dijangka hidup sehingga umur 77.7 tahun dan perempuan sehingga umur 80.5 tahun.

Lelaki yang berumur 60 tahun pada 2022 dijangka hidup selama 17.6 tahun dan perempuan selama 20.4 tahun lagi. Ini menunjukkan, lelaki yang berumur 60 tahun pada 2022 dijangka hidup sehingga umur 77.6 tahun dan perempuan sehingga umur 80.4 tahun.

Lelaki dan perempuan yang berumur 60 tahun pada 2023 masing-masing dijangka hidup selama 18.3 tahun dan 21.1 tahun lagi. Ini menunjukkan, lelaki yang berumur 60 tahun pada 2023 dijangka hidup sehingga 78.3 tahun dan perempuan, 81.1 tahun.

**Carta 5: Jangkaan hayat pada umur 60 tahun mengikut jantina, Malaysia, 2013-2023**



**Nota:**

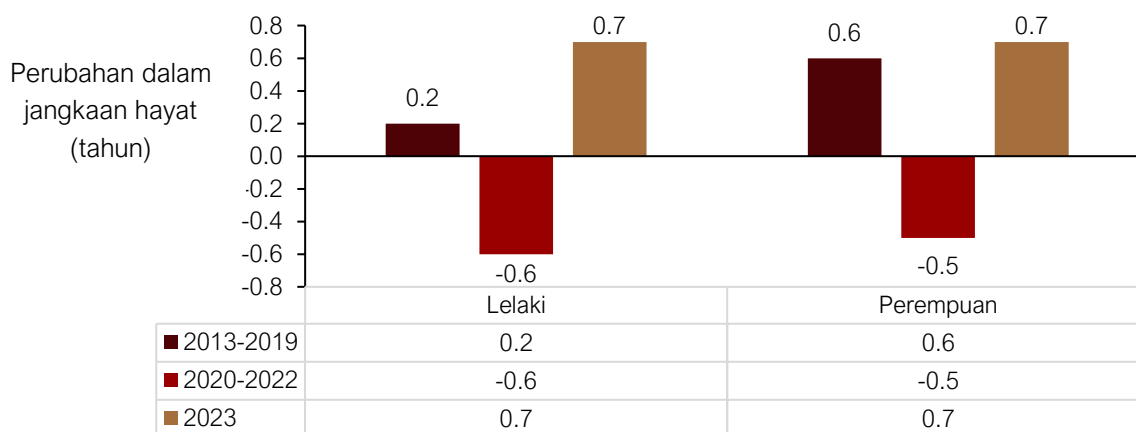
<sup>P</sup> Permulaan

<sup>E</sup> Anggaran

Bagi tempoh 2013 hingga 2019, jangkaan hayat pada umur 60 tahun bagi lelaki meningkat 0.2 tahun dan perempuan, 0.6 tahun. Sebaliknya, bagi tahun 2020 hingga 2022, jangkaan hayat pada umur 60 tahun bagi lelaki dan perempuan mencatatkan penurunan masing-masing 0.6 tahun dan 0.5 tahun. Jangkaan hayat pada umur 60 tahun bagi lelaki dan perempuan masing-masing meningkat 0.7 tahun pada tahun 2023. Peningkatan jangkaan hayat ini disebabkan jumlah kematian pada tahun 2023 telah

bertambah baik berbanding 2021 dan 2022 yang mana berlakunya lebih kematian semasa pandemik COVID-19. [Carta 6]

**Carta 6: Perubahan jangkaan hayat pada umur 60 tahun, Malaysia, 2013-2019, 2020-2022 dan 2023**



Penurunan jangkaan hayat bagi 2020 hingga 2022 adalah kerana berlakunya lebih kematian semasa pandemik COVID-19 pada 2021. Berdasarkan statistik kematian COVID-19 pada 2021 yang dikeluarkan oleh Kementerian Kesihatan Malaysia (KKM), kumpulan umur 60 hingga 64 tahun mencatatkan bilangan kematian tertinggi iaitu 3,709 kematian berbanding 86 kematian pada 2020 dan 447 kematian pada 2022. [Jadual 1]

**Jadual 1: Kematian COVID-19 mengikut kumpulan umur, Malaysia, 2020-2022**

Kumpulan umur	2020	2021	2022
0	0	22	25
1-4	3	22	17
5-9	1	21	14
10-14	1	23	16
15-19	1	55	20
20-24	4	195	22
25-29	10	496	42
30-34	7	883	73
35-39	16	1,393	104
40-44	13	1,919	154
45-49	27	2,365	213
50-54	46	2,740	252
55-59	52	3,222	347
60-64	86	3,709	447
65-69	71	3,606	541
70-74	57	3,409	641
75-79	52	2,565	680
80-84	35	2,259	830
85 tahun dan ke atas	34	2,159	873
<b>Jumlah</b>	<b>516</b>	<b>31,063</b>	<b>5,311</b>

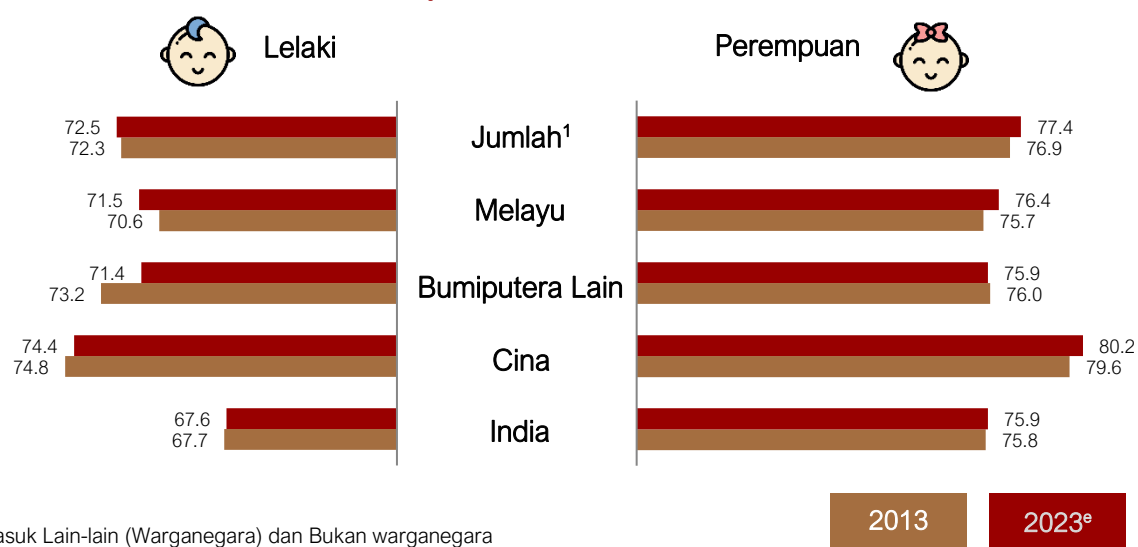
Sumber: Kementerian Kesihatan Malaysia

## 6. JANGKAAN HAYAT KETIKA LAHIR MENGIKUT KUMPULAN ETNIK

### Cina Terus Mencatatkan Jangkaan Hayat Tertinggi

Jangkaan hayat ketika lahir tertinggi dicatatkan Cina dengan 74.4 tahun (lelaki) dan 80.2 tahun (perempuan) pada 2023. Sebaliknya, jangkaan hayat ketika lahir terendah bagi lelaki dan perempuan dicatatkan India masing-masing dengan 67.6 tahun dan 75.9 tahun bagi tahun yang sama. [Paparan 1]

**Paparan 1: Jangkaan hayat ketika lahir mengikut kumpulan etnik dan jantina, Malaysia, 2013 dan 2023**



**Nota:**

<sup>1</sup> Termasuk Lain-lain (Warganegara) dan Bukan warganegara

<sup>e</sup> Anggaran

Bagi tempoh 2013 hingga 2019, kesemua kumpulan etnik mencatatkan peningkatan dalam jangkaan hayat kecuali Bumiputera Lain (lelaki).

Bagi tempoh 2020 hingga 2022, penurunan jangkaan hayat ketika lahir tertinggi dicatatkan oleh Bumiputera Lain dengan 1.6 tahun (lelaki) dan 1.3 tahun (perempuan). Manakala, penurunan jangkaan hayat ketika lahir terendah iaitu kurang daripada satu tahun dicatatkan oleh Cina dengan 0.5 tahun (lelaki) dan 0.1 tahun (perempuan). Kesemua kumpulan etnik mencatatkan peningkatan dalam jangkaan hayat pada tahun 2023. [Carta 7]

**Carta 7: Perubahan jangkaan hayat ketika lahir mengikut kumpulan etnik dan jantina, Malaysia, 2013-2019, 2020-2022 dan 2023**



**Nota:**

<sup>1</sup> Jumlah adalah termasuk Lain-lain (warganegara) dan bukan warganegara

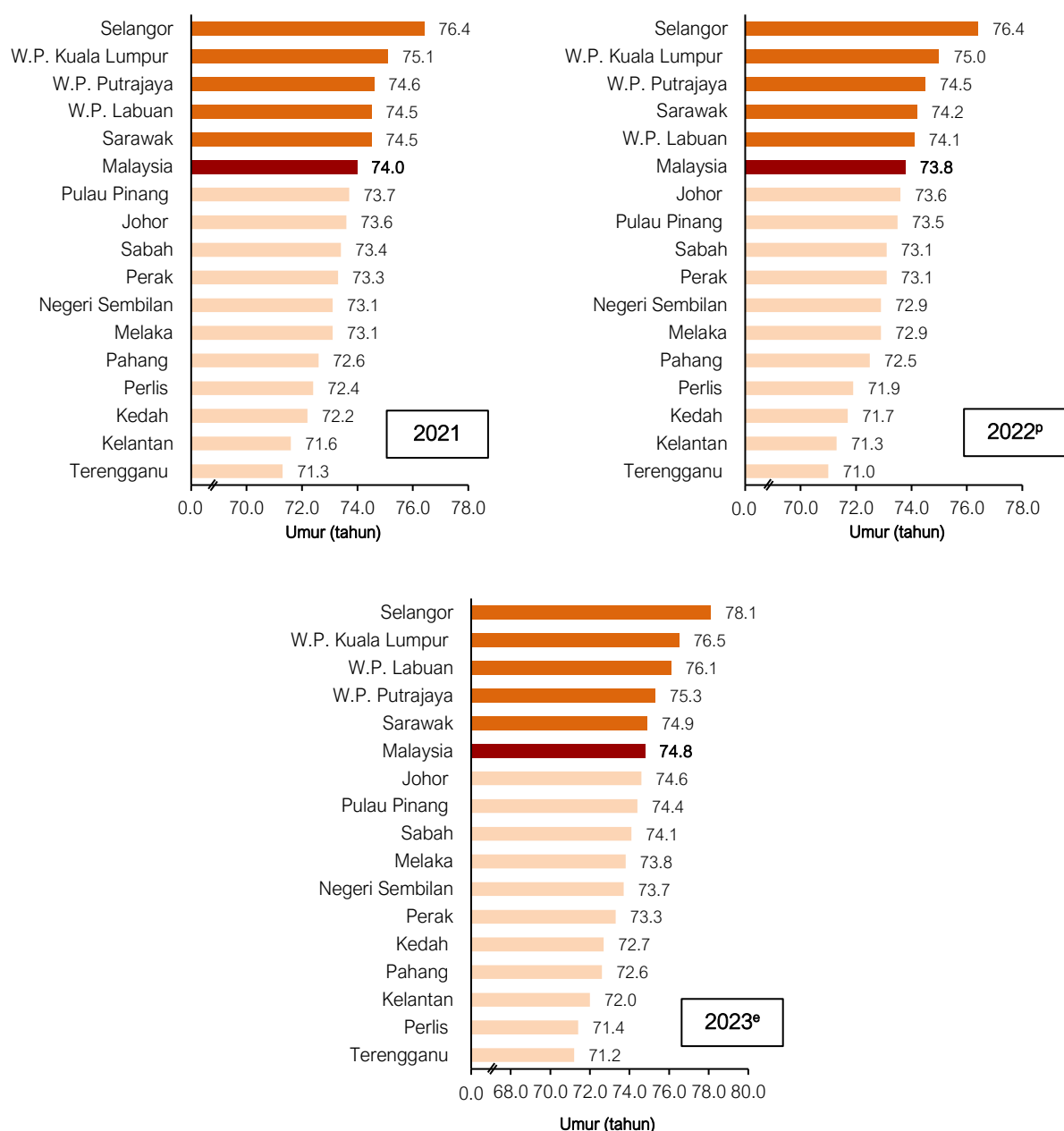
## 7. JANGKAAN HAYAT KETIKA LAHIR MENGIKUT NEGERI

### Selangor Mencatatkan Jangkaan Hayat Ketika Lahir Tertinggi

Jangkaan hayat ketika lahir tertinggi bagi lelaki dan perempuan mengikut negeri bagi tempoh 2021 hingga 2023 dicatatkan di Selangor manakala Terengganu mencatatkan jangkaan hayat ketika lahir terendah pada tempoh yang sama.

Terdapat **lima** negeri yang mempunyai jangkaan hayat melebihi jangkaan hayat paras nasional pada 2021 hingga 2023 iaitu **Selangor, W.P. Kuala Lumpur, W.P. Putrajaya, W.P. Labuan dan Sarawak.** [Carta 8]

Carta 8: Jangkaan hayat ketika lahir mengikut negeri, Malaysia, 2021-2023



Nota:  
<sup>p</sup> Permulaan  
<sup>e</sup> Anggaran

## 8. JANGKAAN HAYAT KETIKA LAHIR MENGIKUT DAERAH PENTADBIRAN

### Petaling, Selangor Mencatatkan Jangkaan Hayat Ketika Lahir Tertinggi

Jangkaan hayat ketika lahir tertinggi bagi lelaki dan perempuan mengikut daerah pentadbiran bagi tahun 2023 dicatatkan di Petaling, Selangor manakala Samarahan, Sarawak mencatatkan jangkaan hayat ketika lahir tertinggi bagi tempoh 2021-2022. [Jadual 2]

Jadual 2: Lima jangkaan hayat ketika lahir tertinggi mengikut Daerah Pentadbiran, Malaysia, 2021-2023

Tahun	Lelaki dan Perempuan		Lelaki		Perempuan	
	Daerah Pentadbiran	Jangkaan Hayat Ketika Lahir	Daerah Pentadbiran	Jangkaan Hayat Ketika Lahir	Daerah Pentadbiran	Jangkaan Hayat Ketika Lahir
2023 <sup>e</sup>	Petaling, Selangor	80.5	Petaling, Selangor	78.9	Kalabakan, Sabah	82.8
	Samarahan, Sarawak	80.2	Samarahan, Sarawak	78.4	Petaling, Selangor	82.3
	Kalabakan, Sabah	78.9	Ulu Langat, Selangor	76.6	Samarahan, Sarawak	81.9
	Sepang, Selangor	78.4	Kinabatangan, Sabah	76.6	Tongod, Sabah	81.5
	Ulu Langat, Selangor	78.4	Sepang, Selangor	76.5	Ulu Langat, Selangor	80.6
2022 <sup>p</sup>	Samarahan, Sarawak	79.6	Samarahan, Sarawak	77.5	Samarahan, Sarawak	81.8
	Petaling, Selangor	78.7	Kinabatangan, Sabah	77.0	Petaling, Selangor	80.7
	Sepang, Selangor	77.8	Petaling, Selangor	76.9	Sepang, Selangor	79.7
	Kinabatangan, Sabah	77.7	Sepang, Selangor	76.2	Kuching, Sarawak	79.4
	Kuching, Sarawak	76.7	Tongod, Sabah	74.6	Penampang, Sabah	78.8
2021	Samarahan, Sarawak	79.8	Kinabatangan, Sabah	78.3	Samarahan, Sarawak	82.0
	Kinabatangan, Sabah	78.7	Samarahan, Sarawak	77.8	Petaling, Selangor	80.6
	Petaling, Selangor	78.5	Kalabakan, Sabah	77.0	Sepang, Selangor	80.2
	Sepang, Selangor	78.3	Sepang, Selangor	76.8	Telupid, Sabah	79.4
	Kalabakan, Sabah	77.9	Petaling, Selangor	76.7	Kuching, Sarawak	79.3

Kecil Lojing, Kelantan mencatatkan jangkaan hayat ketika lahir terendah pada 2023 dan 2022 manakala Kuala Penyu, Sabah mencatatkan jangkaan hayat ketika lahir terendah pada 2021. [Jadual 3]

**Jadual 3: Lima jangkaan hayat ketika lahir terendah mengikut Daerah Pentadbiran, Malaysia, 2021-2023**

Tahun	Lelaki dan Perempuan		Lelaki		Perempuan	
	Daerah Pentadbiran	Jangkaan Hayat Ketika Lahir	Daerah Pentadbiran	Jangkaan Hayat Ketika Lahir	Daerah Pentadbiran	Jangkaan Hayat Ketika Lahir
2023 <sup>e</sup>	Kecil Lojing, Kelantan	62.8	Kanowit, Sarawak	59.6	Bukit Mabong, Sarawak	66.5
	Kuala Penyu, Sabah	64.4	Kecil Lojing, Kelantan	60.7	Kecil Lojing, Kelantan	67.1
	Beaufort, Sabah	66.6	Kuala Penyu, Sabah	62.7	Kuala Penyu, Sabah	68.1
	Kanowit, Sarawak	66.8	Song, Sarawak	63.3	Beaufort, Sabah	68.7
	Bukit Mabong, Sarawak	66.8	Tenom, Sabah	64.3	Sipitang, Sabah	69.6
2022 <sup>p</sup>	Kecil Lojing, Kelantan	63.2	Kuala Penyu, Sabah	60.6	Kecil Lojing, Kelantan	65.0
	Kuala Penyu, Sabah	63.9	Kecil Lojing, Kelantan	61.8	Kuala Penyu, Sabah	67.6
	Kanowit, Sarawak	66.7	Song, Sarawak	61.8	Bukit Mabong, Sarawak	68.6
	Song, Sarawak	66.8	Kanowit, Sarawak	62.3	Beaufort, Sabah	69.2
	Beaufort, Sabah	67.2	Sabak Bernam, Selangor	65.4	Pusa, Sarawak	69.5
2021	Kuala Penyu, Sabah	64.2	Kuala Penyu, Sabah	61.2	Kecil Lojing, Kelantan	65.8
	Kecil Lojing, Kelantan	64.8	Song, Sarawak	62.7	Kuala Penyu, Sabah	67.7
	Song, Sarawak	66.9	Kanowit, Sarawak	63.3	Tanjung Manis, Sarawak	69.1
	Kanowit, Sarawak	67.6	Kecil Lojing, Kelantan	63.9	Bukit Mabong, Sarawak	69.7
	Beaufort, Sabah	68.0	Beaufort, Sabah	65.5	Pusa, Sarawak	69.8

## 9. PENAKAT

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

Bagi setiap 100,000 bayi lelaki yang dilahirkan, seramai **99,341 bayi** (99.3%) berpeluang untuk hidup sehingga umur **satu tahun** pada **2021**, **99,311 bayi** (99.3%) pada **2022** dan **99,277 bayi** (99.3%) pada **2023**.

Bagi setiap 100,000 bayi perempuan yang dilahirkan, seramai **99,426 bayi** (99.4%) berpeluang untuk hidup sehingga umur **satu tahun** pada **2021**, **99,413 bayi** (99.4%) pada **2022** dan **99,420** (99.4%) pada **2023**. [Jadual 4]

**Jadual 4: Penakat mengikut kumpulan etnik dan jantina bagi umur satu tahun, Malaysia, 2021-2023**

Kumpulan etnik/ Jantina	Umur 1 tahun					
	2021		2022 <sup>P</sup>		2023 <sup>e</sup>	
	Bilangan	%	Bilangan	%	Bilangan	%
<b>Jumlah<sup>1</sup></b>						
Lelaki	99,341	99.3	99,311	99.3	99,277	99.3
Perempuan	99,426	99.4	99,413	99.4	99,420	99.4
<b>Melayu</b>						
Lelaki	99,327	99.3	99,301	99.3	99,247	99.2
Perempuan	99,405	99.4	99,400	99.4	99,391	99.4
<b>Bumiputera Lain</b>						
Lelaki	99,094	99.1	99,030	99.0	99,056	99.1
Perempuan	99,207	99.2	99,173	99.2	99,216	99.2
<b>Cina</b>						
Lelaki	99,560	99.6	99,546	99.5	99,537	99.5
Perempuan	99,644	99.6	99,653	99.7	99,688	99.7
<b>India</b>						
Lelaki	99,360	99.4	99,297	99.3	99,188	99.2
Perempuan	99,559	99.6	99,512	99.5	99,515	99.5

**Nota:**

<sup>1</sup> Termasuk Lain-lain (Warganegara) dan Bukan warganegara

<sup>P</sup> Permulaan

<sup>e</sup> 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

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

Kajian oleh Ngangue & Manfred (2015) 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 2022, lima (5) negeri mencatatkan jangkaan hayat ketika lahir tertinggi melebihi paras nasional (73.8 tahun) iaitu Selangor (76.4 tahun), W.P. Kuala Lumpur (75.0 tahun), W.P. Putrajaya (74.5 tahun), Sarawak (74.2 tahun) dan W.P. Labuan (74.1 tahun).

KDNK per kapita pada 2022 menunjukkan lima negeri mencatatkan KDNK per kapita melebihi paras nasional (RM54,863) iaitu W.P. Kuala Lumpur (RM127,199), W.P. Labuan (RM85,560), Sarawak (RM80,857), Pulau Pinang (RM69,684) dan Selangor (RM59,908). [Jadual 5]

**Jadual 5: Jangkaan hayat ketika lahir dan KDNK per kapita mengikut negeri, Malaysia, 2022<sup>p</sup>**

Negeri (susunan mengikut jangkaan hayat tertinggi)	Jangkaan hayat ketika lahir 2022 <sup>p</sup> (tahun)	Negeri (susunan mengikut KDNK per kapita tertinggi)	KDNK per kapita 2022 <sup>p</sup> pada harga semasa (RM)
Selangor	76.4	W.P. Kuala Lumpur <sup>1</sup>	127,199
W.P. Kuala Lumpur	75.0	W.P. Labuan	85,560
W.P. Putrajaya	74.5	Sarawak	80,857
Sarawak	74.2	Pulau Pinang	69,684
W.P. Labuan	74.1	Selangor	59,908
<b>Malaysia</b>	<b>73.8</b>	<b>Malaysia</b>	<b>54,863</b>
Johor	73.6	Melaka	50,407
Pulau Pinang	73.5	Negeri Sembilan	49,804
Perak	73.1	Pahang	47,177
Sabah	73.1	Johor	41,058
Melaka	72.9	Perak	36,924
Negeri Sembilan	72.9	Sabah	36,020
Pahang	72.5	Terengganu	32,199
Perlis	71.9	Kedah	25,967
Kedah	71.7	Perlis	23,126
Kelantan	71.3	Kelantan	16,567
Terengganu	71.0		

**Nota:**

<sup>p</sup> Permulaan

<sup>1</sup> Termasuk W.P. Putrajaya

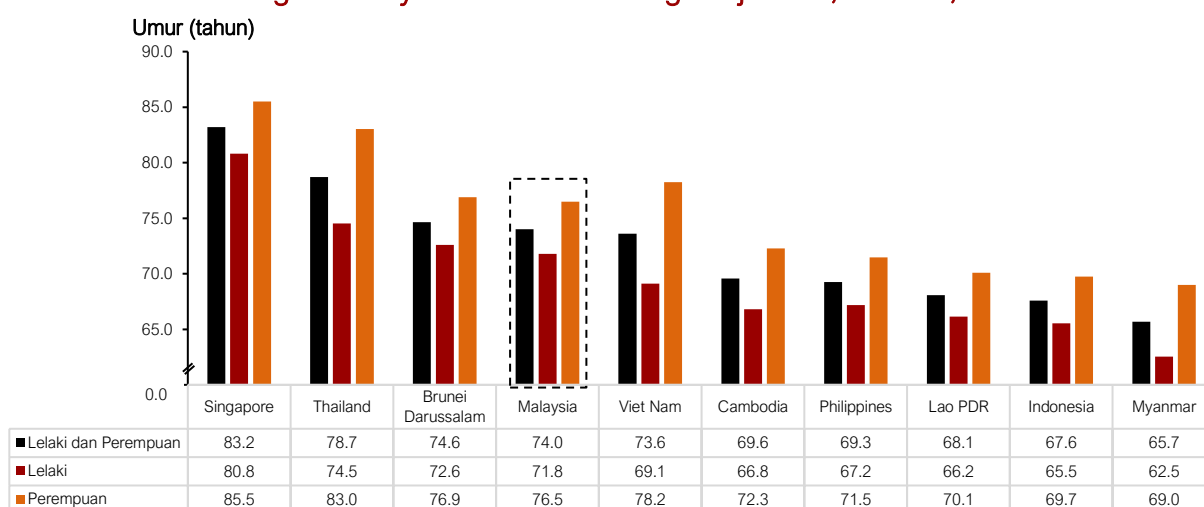
Sumber: KDNK Mengikut Negeri, 2022, Jabatan Perangkaan Malaysia

## 11. JANGKAAN HAYAT KETIKA LAHIR DAN PENUAAN PENDUDUK BAGI NEGARA ASEAN

Singapore merekodkan jangkaan hayat ketika lahir tertinggi bagi lelaki (80.8 tahun) dan perempuan (85.5 tahun) pada 2021 berbanding negara ASEAN yang lain. [Carta 9]

Antara negara ASEAN yang telah mencapai *ageing society* adalah Thailand (15.2%), Singapore (15.1%), Viet Nam (9.1%) dan Malaysia (7.2%) yang mana peratusan penduduk berumur 65 tahun dan ke atas di negara ini telah mencapai lebih tujuh peratus (7.0%) daripada jumlah keseluruhan penduduk. [Carta 10]

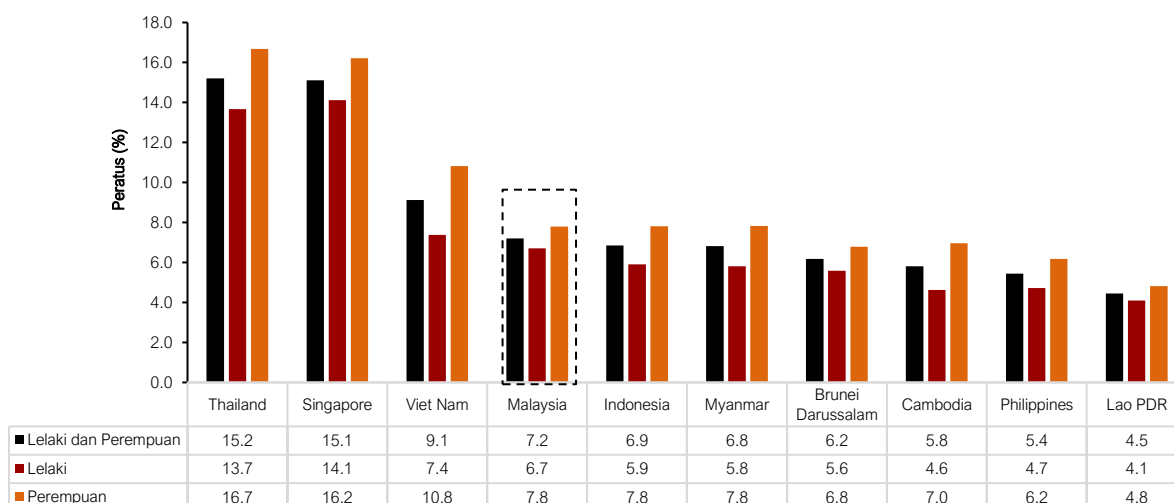
**Carta 9: Jangkaan hayat ketika lahir mengikut jantina, ASEAN, 2021**



**Nota:**

Statistik jangkaan hayat ketika lahir bagi negara ASEAN (2021) diperoleh melalui *World Development Indicator* (WDI), dikemas kini Julai 2023 kecuali Malaysia dan Singapore (keluaran terkini)

**Carta 10: Penduduk berumur 65 tahun dan ke atas, ASEAN, 2022**



**Nota:**

Statistik penduduk berumur 65 tahun dan ke atas bagi negara ASEAN (2022) diperoleh melalui *World Development Indicator* (WDI), dikemas kini Julai 2023 kecuali Malaysia (keluaran terkini)

## 12. 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 2022.

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 semakin dikenali dengan menggunakan formula yang ringkas tetapi komprehensif bagi menilai purata jangka hayat, pendidikan dan pendapatan penduduk.

Berdasarkan Laporan HDI, 2021/2022, 10 negara yang disenaraikan sebagai *Very High Human Development Index* iaitu Hong Kong, China (SAR) mencatatkan jangkaan hayat ketika lahir tertinggi iaitu 85.5 tahun manakala PNK per kapita tertinggi dicatatkan oleh Ireland, \$76,169. [Jadual 6]

**Jadual 6: Jangkaan hayat ketika lahir dan PNK per kapita bagi negara terpilih, 2021**

Bil.	Negara (susunan mengikut jangkaan hayat ketika lahir tertinggi)	Jangkaan hayat ketika lahir (tahun) 2021	Bil.	Negara (susunan mengikut PNK per kapita tertinggi)	PNK per kapita (2017 PPP \$) 2021	Kedudukan HDI 2021
1.	Hong Kong, China (SAR)	85.5	1.	Ireland	76,169	8
2.	Switzerland	83.9	2.	Switzerland	66,933	1
3.	Singapore	83.4	3.	Norway	64,660	2
4.	Australia	83.3	4.	Hong Kong, China (SAR)	62,607	4
5.	Norway	83.2	5.	Denmark	60,365	6
6.	Sweden	83.2	6.	Netherlands	55,979	10
7.	Iceland	83.1	7.	Iceland	55,782	3
8.	Canada	82.6	8.	Germany	54,534	9
9.	New Zealand	82.2	9.	Sweden	54,489	7
10.	Ireland	80.9	10.	Australia	49,238	5

Sumber: *Human Development Index Report, 2021/2022*

## ARTIKEL

**KESAN KEMATIAN KEMALANGAN PENGANGKUTAN TERHADAP JANGKAAN HAYAT**

(Adam Akashah Ahmad, 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. Salah satu faktor yang mempengaruhi kepada jangkaan hayat adalah kematian disebabkan oleh kemalangan pengangkutan.

Kemalangan pengangkutan, yang terdiri daripada kemalangan jalan raya, kemalangan kereta api, bencana udara dan laut, dan kemalangan pejalan kaki, menjadi kebimbangan kesihatan awam global yang menggerunkan. Menurut Cobb dan Coughlin (2004), tidak dapat dinafikan bahawa sistem pengangkutan meningkatkan taraf hidup manusia serta menyumbang kepada pertumbuhan ekonomi sesebuah negara. Ia menjadikan orang ramai menggerakkan diri mereka dan barangan dengan lebih mudah untuk memenuhi tugas mereka di seluruh dunia. Ia tidak dapat tidak dielakkan kerana merupakan simbol kesejahteraan sosial dan imej diri sesebuah negara. Namun disebabkan itu, kemalangan jalan raya telah menjadi 'tragedi global' dengan trend yang semakin meningkat. 1.17 juta kematian berlaku setiap tahun di seluruh dunia akibat kemalangan jalan raya yang mana 70% daripadanya berlaku di negara membangun. Kemalangan jalan raya merupakan antara punca utama kematian dan kecederaan di Malaysia (Kareem, 2003).

Justeru itu, peningkatan dalam pelbagai kemalangan dan kecederaan adalah salah satu ancaman paling penting kepada kehidupan manusia di rantau dan negara yang berbeza, yang menyebabkan kematian lebih daripada 6 juta orang setiap tahun di dunia. Antaranya, kemalangan jalan raya adalah salah satu kemalangan yang paling kerap berlaku yang setiap tahun menyebabkan kematian kira-kira 1.35 juta orang dan kecederaan 20-50 juta orang di dunia (Khatibi et al., 2020). Kemalangan jalan raya adalah punca utama kematian kanak-kanak dan dewasa muda antara umur 5 dan 29 (Shavaleh et al, 2018). Menurut Pertubuhan Kesihatan Sedunia (2020), kira-kira, 93% daripada kematian jalan raya dunia berlaku di negara berpendapatan rendah dan sederhana, manakala mereka menyumbang kira-kira 60% daripada kenderaan. Selain daripada kesan fizikal dan emosi serta-merta yang mereka alami, kemalangan ini mempunyai implikasi yang meluas ke atas jangka hayat penduduk dan kesejahteraan keseluruhan. Akibat langsung dan tidak langsung kemalangan pengangkutan boleh mengubah kadar

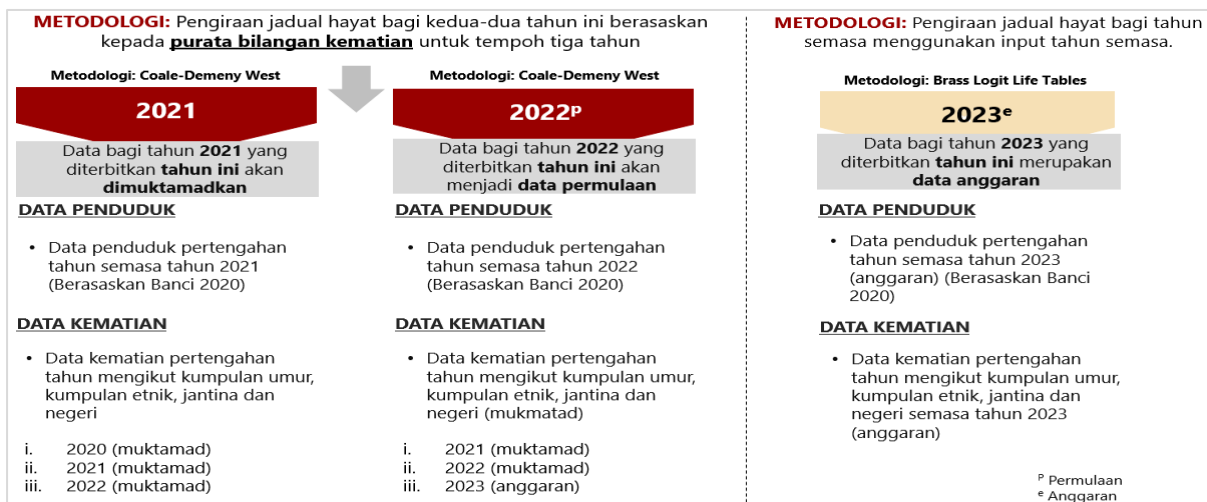
kematian dengan ketara dan seterusnya mempengaruhi trend jangka hayat dalam masyarakat.

Berdasarkan statistik kematian kemalangan pengangkutan oleh Jabatan Perangkaan Malaysia (DOSM), jumlah kematian kemalangan pengangkutan di Malaysia secara puratanya menyumbangkan tiga peratus daripada jumlah keseluruhan kematian bagi tempoh 2011 sehingga 2023. 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 kemalangan pengangkutan di Malaysia bagi tempoh 2020 hingga 2023.

## METODOLOGI

Jadual hayat ringkas bagi tahun 2021 dan 2022 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 2020 (Banci 2020). Jadual hayat ringkas bagi tahun 2023 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 2023. Ringkasan metodologi pengiraan jadual hayat ringkas bagi tahun 2021 hingga 2023 adalah seperti di **Paparan 1**.

### Paparan 1: Metodologi pengiraan jadual hayat ringkas, Malaysia, 2021-2023



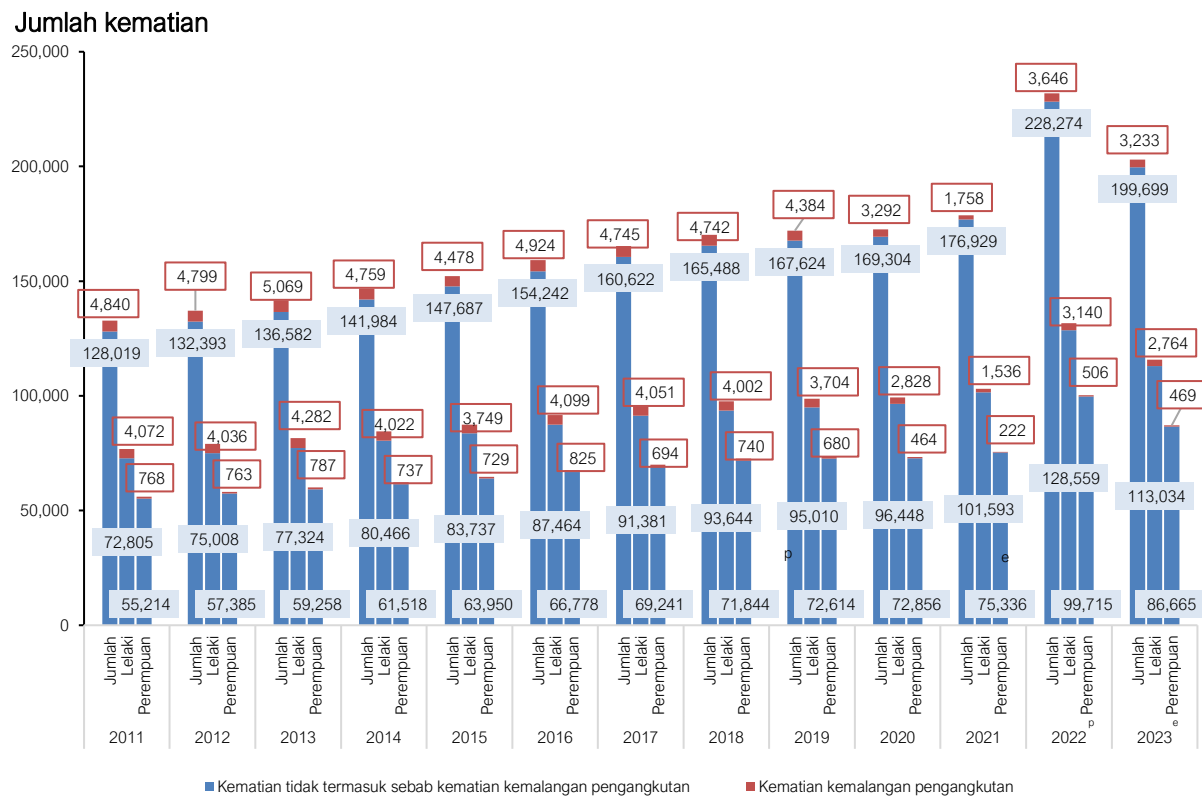
Penjanaan jadual hayat ringkas adalah mengambil kira semua sebab kematian yang berlaku pada tempoh jadual hayat ringkas diterbitkan. Walau bagaimanapun, bagi menilai kesan kemalangan pengangkutan terhadap jangkaan hayat di Malaysia sama ada terdapat peningkatan bilangan tahun atau sebaliknya, pengiraan jadual hayat ringkas dengan **tidak** mengambil kira kematian disebabkan kemalangan pengangkutan peringkat Malaysia bagi tempoh 2021 hingga 2023 telah dikira.

DAPATAN KAJIAN

Kematian kemalangan pengangkutan di Malaysia bagi tempoh 2021 hingga 2023

Berdasarkan statistik kematian kemalangan pengangkutan oleh Jabatan Perangkaan Malaysia (DOSM) bagi tempoh 2021 hingga 2023, bilangan kematian kemalangan pengangkutan pertengahan tahun mencatatkan peningkatan kepada 3,646 kematian pada 2022 berbanding 1,758 kematian pada 2021 namun menurun pada tahun 2023 iaitu 3,233 kematian. Bilangan kematian disebabkan kemalangan pengangkutan mengikut jantina menunjukkan kematian lelaki melebihi perempuan. Bilangan kematian bagi lelaki disebabkan kemalangan pengangkutan pada 2021 adalah 1,536 kematian (87.4%), 3,140 kematian (86.1%) pada 2022 dan 2,764 kematian (85.5%) pada 2023. Manakala bilangan kematian perempuan disebabkan kemalangan pengangkutan adalah 222 kematian (12.6%) pada 2021, 506 kematian (13.9%) pada 2022 dan 469 kematian (14.5%) pada 2023. [Carta 1]

Carta 1: Kematian tidak termasuk sebab kematian kemalangan pengangkutan dan kematian kemalangan pengangkutan mengikut jantina, Malaysia, 2011-2023



Nota:

<sup>p</sup> Permulaan

<sup>e</sup> Anggaran

Sumber:

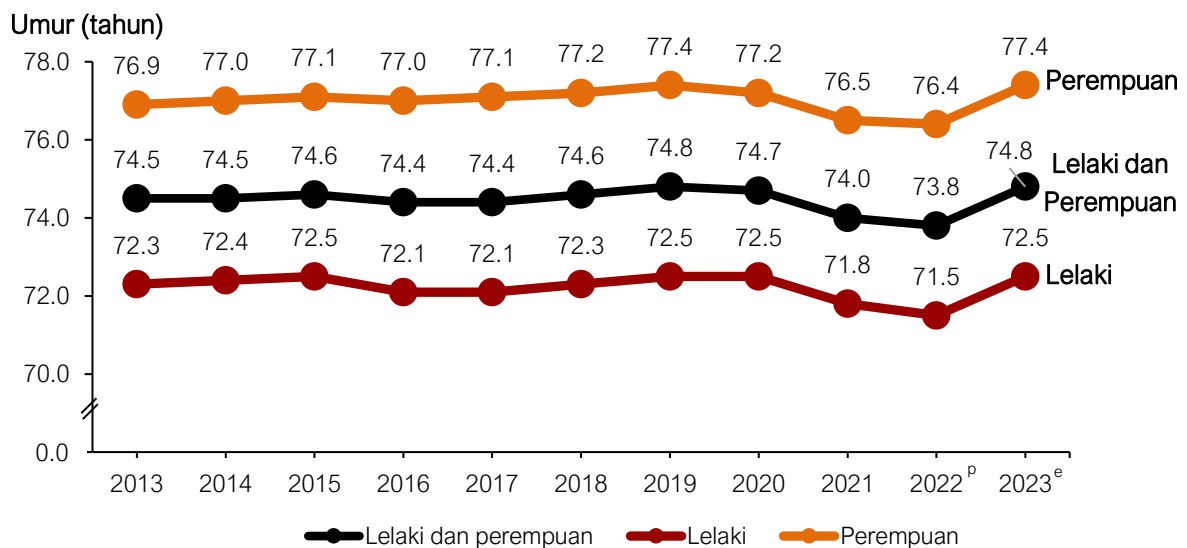
Jabatan Perangkaan Malaysia

Perbandingan jangkaan hayat antara kematian semua sebab tanpa mengambil kira sebab kematian kemalangan pengangkutan bagi tempoh 2021-2023

Hasil dapatan jangkaan hayat dengan **kematian semua sebab** menunjukkan seorang bayi yang lahir pada 2021 secara purata dijangka hidup sehingga 74.0 tahun, 73.8 tahun pada 2022 dan 74.8 tahun pada 2023.

Seorang bayi perempuan yang lahir pada 2021 dan 2022 secara purata, masing-masing dijangka boleh hidup sehingga 76.5 tahun dan 76.4 tahun, manakala bayi lelaki masing-masing dijangka boleh hidup sehingga 71.8 tahun dan 71.5 tahun bagi tempoh yang sama. Secara purata, seorang bayi perempuan yang lahir pada 2023, dijangka boleh hidup sehingga 77.4 tahun manakala bayi lelaki dijangka boleh hidup sehingga 72.5 tahun. [Carta 2]

**Carta 2: Jangkaan hayat ketika lahir mengikut jantina (kematian semua sebab), Malaysia, 2013-2023**



**Nota:**

<sup>p</sup> Permulaan

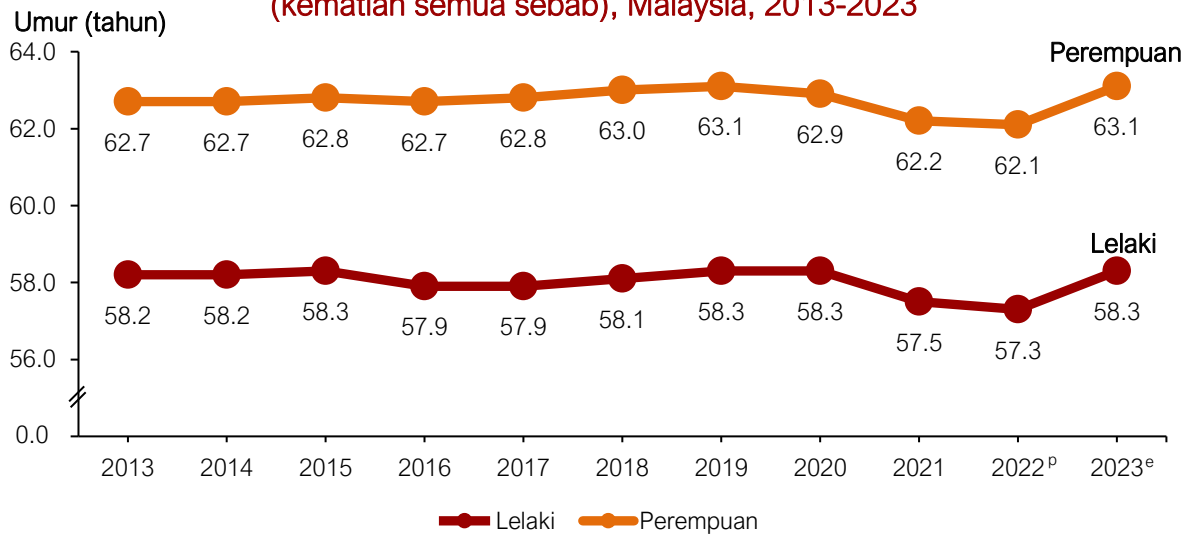
<sup>e</sup> Anggaran

Sumber:

Jabatan Perangkaan Malaysia

Hasil dapatan jangkaan hayat pada umur 15 tahun dengan **kematian semua sebab** juga menunjukkan seorang lelaki yang mencapai umur 15 tahun pada 2021, 2022 dan 2023 masing-masing dijangka hidup selama 57.5 tahun, 57.3 tahun dan 58.3 tahun lagi. Seorang perempuan yang mencapai umur 15 tahun pada 2021, 2022 dan 2023 masing-masing dijangka hidup selama 62.2 tahun, 62.1 tahun dan 63.1 tahun lagi.

**Carta 3: Jangkaan hayat pada umur 15 tahun mengikut jantina (kematian semua sebab), Malaysia, 2013-2023**



**Nota:**

<sup>P</sup> Permulaan

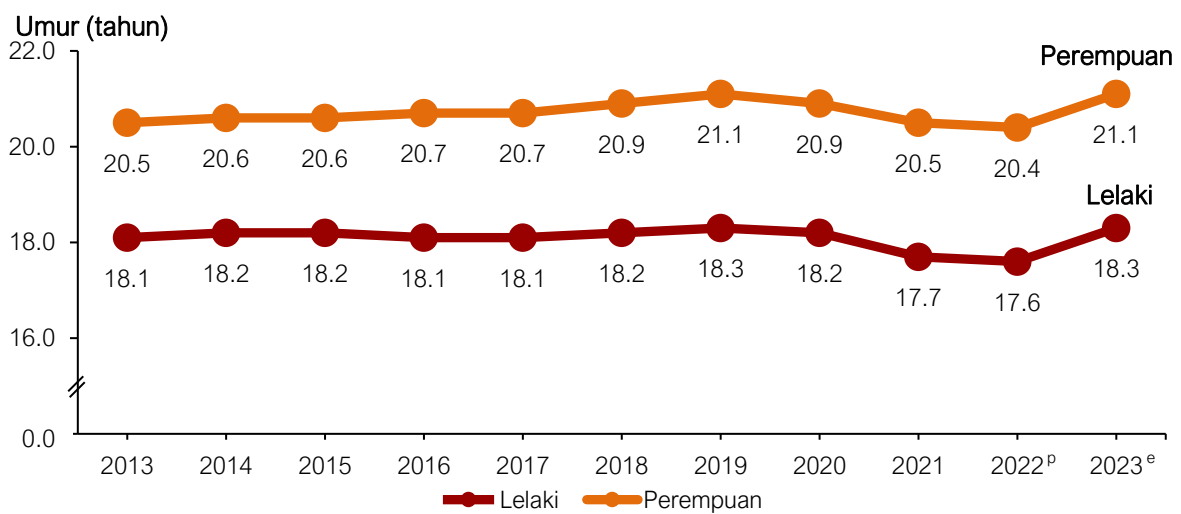
<sup>e</sup> Anggaran

Sumber:

Jabatan Perangkaan Malaysia

Hasil dapatan jangkaan hayat dengan **kematian semua sebab** bagi seorang lelaki yang berumur 60 tahun pada 2021, 2022 dan 2023 menunjukkan masing-masing dijangka hidup selama 17.7 tahun, 17.6 tahun dan 18.3 tahun lagi. Seorang perempuan yang berumur 60 tahun pada 2021, 2022 dan 2023 masing-masing dijangka hidup selama 20.5 tahun, 20.4 tahun dan 21.1 tahun lagi.

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



**Nota:**

<sup>P</sup> Permulaan

<sup>e</sup> Anggaran

Sumber:

Jabatan Perangkaan Malaysia

Bagi melihat sama ada trend jangka hayat ini disumbangkan oleh kematian disebabkan kemalangan pengangkutan, penjanaan jadual hayat ringkas **tanpa mengambil kira sebab kematian kemalangan pengangkutan** telah disediakan. Input bagi tahun 2020 hingga 2023 adalah tidak termasuk sebab kematian kemalangan pengangkutan.

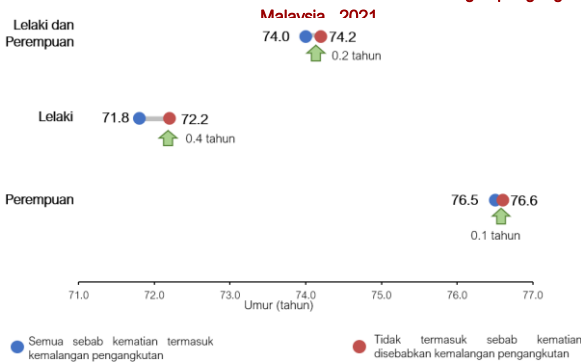
**Jangkaan hayat tanpa mengambil kira sebab kematian kemalangan pengangkutan**

Pada 2021, seorang bayi yang lahir secara purata dijangka hidup 0.2 tahun lebih lama iaitu mencapai 74.2 tahun berbanding 74.0 tahun. Seorang bayi lelaki yang lahir pada 2021 secara purata dijangka boleh hidup lebih lama sehingga 72.2 tahun manakala bayi perempuan dijangka boleh hidup sehingga 76.6 tahun. [Carta 5]

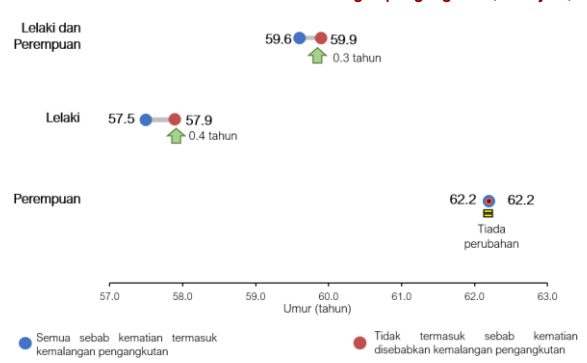
Lelaki dan perempuan yang mencapai umur 15 tahun pada 2021 masing-masing dijangka hidup selama 57.9 tahun dan 62.2 tahun lagi. Dengan tidak mengambil kira sebab kematian kemalangan pengangkutan, jangkaan hayat bagi lelaki meningkat 0.4 tahun namun tiada peningkatan bagi perempuan. Ini bermakna, lelaki pada umur 15 tahun dijangka hidup sehingga 72.9 tahun dan perempuan sehingga umur 77.2 tahun. [Carta 6]

Lelaki dan perempuan yang mencapai umur 60 tahun pada 2021 masing-masing dijangka hidup selama 17.8 tahun dan 20.5 tahun lagi. Dengan tidak mengambil kira sebab kematian kemalangan pengangkutan, jangkaan hayat bagi lelaki meningkat 0.1 tahun namun tiada peningkatan bagi perempuan. [Carta 7]

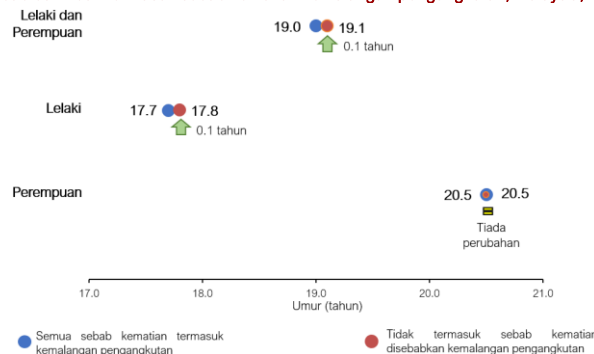
**Carta 5: Perbandingan jangkaan hayat ketika lahir mengikut jantina antara kematian semua sebab dan tidak termasuk sebab kematian kemalangan pengangkutan, Malaysia, 2021**



**Carta 6: Perbandingan jangkaan hayat pada umur 15 tahun mengikut jantina antara kematian semua sebab dan tidak termasuk sebab kematian kemalangan pengangkutan, Malaysia, 2021**



**Carta 7: Perbandingan jangkaan hayat pada umur 60 tahun mengikut jantina antara kematian semua sebab dan tidak termasuk sebab kematian kemalangan pengangkutan, Malaysia, 2021**



Sumber:  
Jabatan Perangkaan Malaysia

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

**Jadual 1: Jangkaan hayat mengikut umur tertentu dan jantina, Malaysia, 2021**

Umur	2021			2021			Perbezaan (2021)		
	(Kematian semua sebab)			(Tidak termasuk sebab kematian kemalangan pengangkutan)			(Tidak termasuk sebab kematian kemalangan pengangkutan) - (Kematian semua sebab)		
	Lelaki dan Perempuan	Lelaki	Perempuan	Lelaki dan Perempuan	Lelaki	Perempuan	Lelaki dan Perempuan	Lelaki	Perempuan
	Jangkaan hayat mengikut umur tertentu			Jangkaan hayat mengikut umur tertentu			Jangkaan hayat mengikut umur tertentu		
0	74.0	71.8	76.5	74.2	<b>72.2</b>	<b>76.6</b>	0.2	<b>0.4</b>	<b>0.1</b>
1	73.4	71.2	76.0	73.7	71.7	76.1	0.3	0.5	0.1
5	69.5	67.3	72.1	69.8	67.7	72.1	0.3	0.4	0.0
10	64.6	62.4	67.1	64.8	62.8	67.2	0.2	0.4	0.1
<b>15</b>	<b>59.6</b>	<b>57.5</b>	<b>62.2</b>	<b>59.9</b>	<b>57.9</b>	<b>62.2</b>	0.3	<b>0.4</b>	<b>0.0</b>
20	54.8	52.6	57.2	55.0	53.0	57.3	0.2	0.4	0.1
25	49.9	47.9	52.3	50.1	48.1	52.4	0.2	0.2	0.1
30	45.2	43.1	47.5	45.3	43.3	47.5	0.1	0.2	0.0
35	40.4	38.4	42.7	40.5	38.6	42.7	0.1	0.2	0.0
40	35.7	33.8	37.9	35.8	34.0	38.0	0.1	0.2	0.1
45	31.2	29.4	33.3	31.3	29.5	33.3	0.1	0.1	0.0
50	26.9	25.2	28.8	27.0	25.3	28.9	0.1	0.1	0.1
55	22.9	21.4	24.6	22.9	21.4	24.6	0.0	0.0	0.0
<b>60</b>	<b>19.0</b>	<b>17.7</b>	<b>20.5</b>	<b>19.1</b>	<b>17.8</b>	<b>20.5</b>	0.1	<b>0.1</b>	<b>0.0</b>
65	15.5	14.4	16.7	15.5	14.5	16.7	0.0	0.1	0.0
70	12.1	11.3	13.0	12.1	11.3	13.1	0.0	0.0	0.1
75	9.0	8.4	9.7	9.0	8.4	9.7	0.0	0.0	0.0
80+	6.4	5.9	6.9	6.4	6.0	6.9	0.0	0.1	0.0

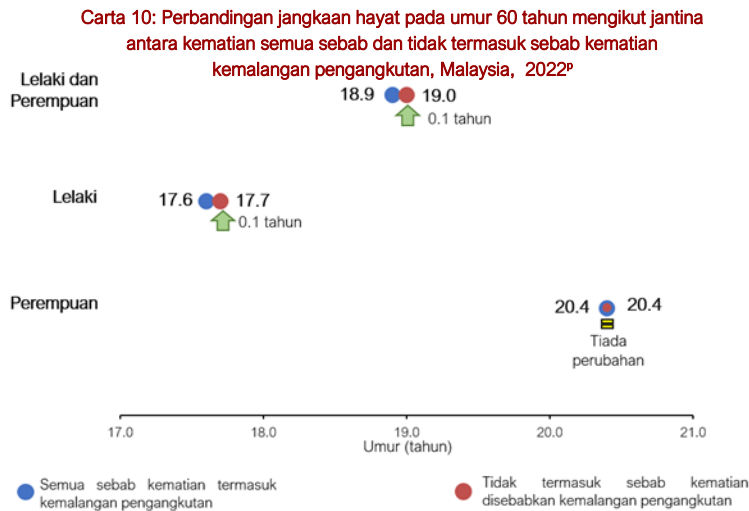
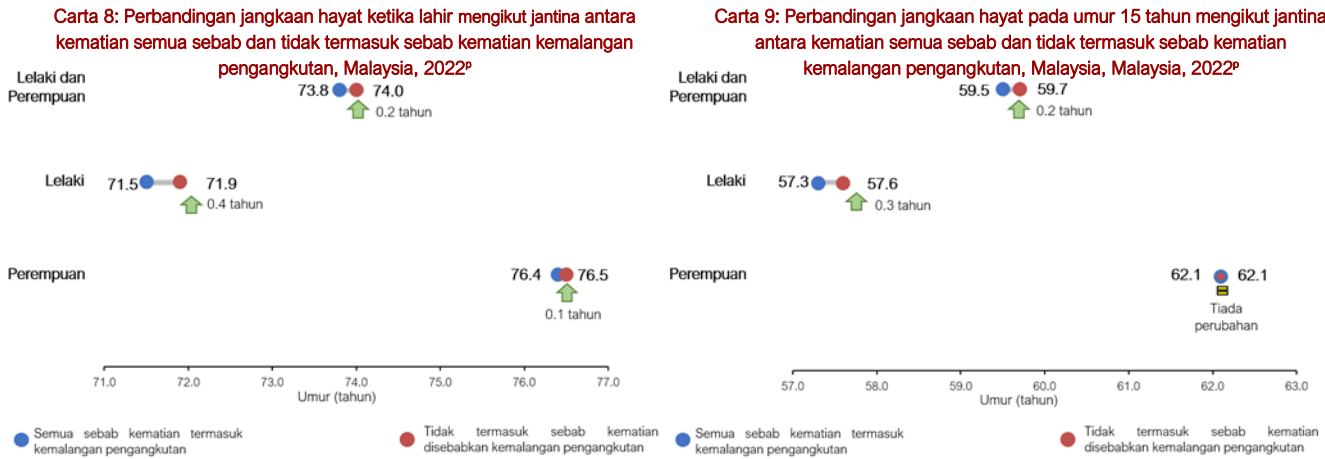
Sumber:  
Jabatan Perangkaan Malaysia

Dengan andaian sekiranya tiada kematian kemalangan pengangkutan, seorang bayi yang baru lahir pada 2022 secara purata dijangka hidup 0.2 tahun lebih lama iaitu mencapai 74.0 tahun berbanding 73.8 tahun. Seorang bayi lelaki yang lahir pada 2022 secara purata dijangka boleh hidup lebih lama sehingga 71.9 tahun manakala bayi perempuan dijangka boleh hidup sehingga 76.5 tahun. [Carta 8]

Lelaki dan perempuan yang mencapai umur 15 tahun pada 2022 masing-masing dijangka hidup selama 57.6 tahun dan 62.1 tahun lagi. Dengan andaian sekiranya tiada

kematian kemalangan pengangkutan, jangkaan hayat bagi lelaki meningkat 0.3 tahun namun tiada peningkatan bagi perempuan. [Carta 9]

Lelaki dan perempuan yang berumur 60 tahun pada 2022 masing-masing dijangka hidup selama 17.7 tahun dan 20.4 tahun lagi. Dengan andaian sekiranya tiada kematian kemalangan pengangkutan, jangkaan hayat bagi lelaki meningkat 0.1 tahun namun tiada peningkatan bagi perempuan. [Carta 10]



**Nota:**

<sup>p</sup> Permulaan

Sumber:

Jabatan Perangkaan Malaysia

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

**Jadual 2: Jadual hayat mengikut umur tertentu dan jantina, Malaysia, 2022<sup>p</sup>**

Umur	2022 <sup>p</sup>			2022 <sup>p</sup>			Perbezaan (2022 <sup>p</sup> )		
	(Kematian semua sebab)			(Tidak termasuk sebab kematian kemalangan pengangkutan)			(Tidak termasuk sebab kematian kemalangan pengangkutan) - (Kematian semua sebab)		
	Lelaki dan Perempuan	Lelaki	Perempuan	Lelaki dan Perempuan	Lelaki	Perempuan	Lelaki dan Perempuan	Lelaki	Perempuan
	Jangkaan hayat mengikut umur tertentu			Jangkaan hayat mengikut umur tertentu			Jangkaan hayat mengikut umur tertentu		
0	73.8	71.5	76.4	74.0	71.9	76.5	0.2	0.4	0.1
1	73.3	71.0	75.9	73.5	71.4	75.9	0.2	0.4	0.0
5	69.4	67.1	72.0	69.6	67.5	72.0	0.2	0.4	0.0
10	64.4	62.2	67.0	64.6	62.5	67.1	0.2	0.3	0.1
15	59.5	57.3	62.1	59.7	57.6	62.1	0.2	0.3	0.0
20	54.6	52.5	57.1	54.8	52.7	57.2	0.2	0.2	0.1
25	49.8	47.7	52.2	49.9	47.9	52.3	0.1	0.2	0.1
30	45.0	42.9	47.4	45.1	43.1	47.4	0.1	0.2	0.0
35	40.3	38.3	42.6	40.4	38.4	42.6	0.1	0.1	0.0
40	35.6	33.7	37.8	35.7	33.8	37.9	0.1	0.1	0.1
45	31.1	29.2	33.2	31.2	29.3	33.2	0.1	0.1	0.0
50	26.8	25.1	28.8	26.9	25.2	28.8	0.1	0.1	0.0
55	22.7	21.2	24.5	22.8	21.3	24.5	0.1	0.1	0.0
60	18.9	17.6	20.4	19.0	17.7	20.4	0.1	0.1	0.0
65	15.4	14.3	16.6	15.4	14.3	16.6	0.0	0.0	0.0
70	12.1	11.2	13.0	12.1	11.2	13.0	0.0	0.0	0.0
75	9.0	8.3	9.7	9.0	8.4	9.7	0.0	0.1	0.0
80+	6.3	5.9	6.9	6.4	5.9	6.9	0.1	0.0	0.0

**Nota:**

<sup>p</sup> Permulaan

Sumber:

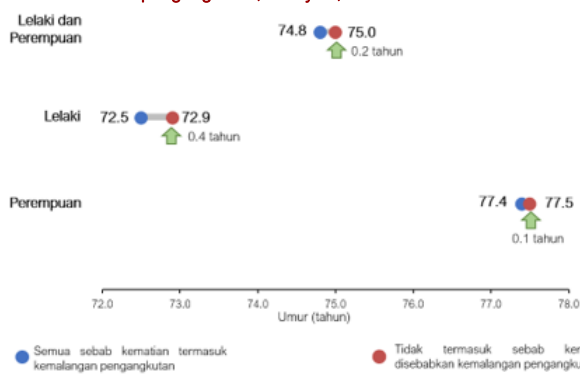
Jabatan Perangkaan Malaysia

Dengan andaian sekiranya tiada kematian kemalangan pengangkutan, seorang bayi yang baru lahir pada 2023 secara purata dijangka hidup 0.2 tahun lebih lama iaitu mencapai 75.0 tahun berbanding 74.8 tahun. Seorang bayi lelaki yang lahir pada 2023 secara purata dijangka boleh hidup lebih lama sehingga 72.9 tahun manakala bayi perempuan dijangka boleh hidup sehingga 77.5 tahun. [Carta 11]

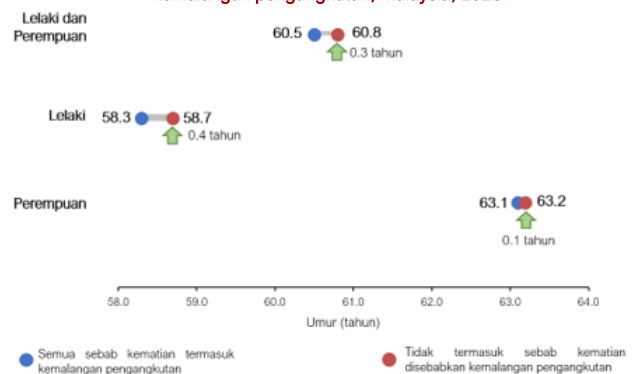
Lelaki dan perempuan yang mencapai umur 15 tahun pada 2023 masing-masing dijangka hidup selama 58.7 tahun dan 63.2 tahun lagi. . Dengan andaian sekiranya tiada kematian kemalangan pengangkutan, jangkaan hayat bagi lelaki meningkat 0.4 tahun dan perempuan, 0.1 tahun. [Carta 12]

Lelaki dan perempuan yang berumur 60 tahun pada 2023 masing-masing dijangka hidup selama 18.4 tahun dan 21.1 tahun lagi. Dengan andaian sekiranya tiada kematian kemalangan pengangkutan, jangkaan hayat bagi lelaki meningkat 0.1 tahun namun tiada peningkatan bagi perempuan. [Carta 13]

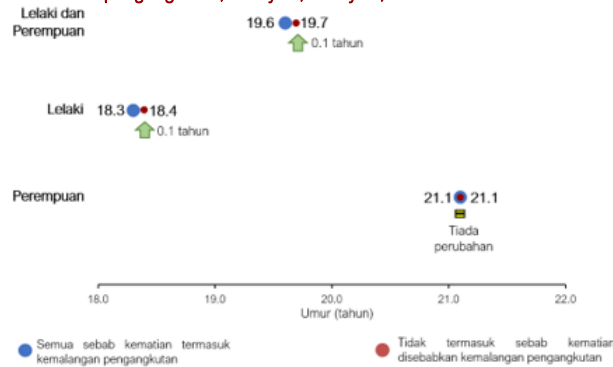
Carta 11: Perbandingan jangkaan hayat ketika lahir mengikut jantina antara kematian semua sebab dan tidak termasuk sebab kematian kemalangan pengangkutan, Malaysia, 2023<sup>e</sup>



Carta 12: Perbandingan jangkaan hayat pada umur 15 tahun mengikut jantina antara kematian semua sebab dan tidak termasuk sebab kematian kemalangan pengangkutan, Malaysia, 2023<sup>e</sup>



Carta 13: Perbandingan jangkaan hayat pada umur 60 tahun mengikut jantina antara kematian semua sebab dan tidak termasuk sebab kematian kemalangan pengangkutan, Malaysia, Malaysia, 2023<sup>e</sup>



Nota:

<sup>e</sup> Anggaran

Sumber:

Jabatan Perangkaan Malaysia

Perincian jangkaan hayat mengikut umur tertentu dan jantina pada 2023 adalah seperti di bawah.

**Jadual 3: Jadual hayat ringkas mengikut umur dan jantina, Malaysia, 2023<sup>e</sup>**

Umur	2023 <sup>e</sup>			2023 <sup>e</sup>			Perbezaan (2023 <sup>e</sup> )		
	(Kematian semua sebab)			(Tidak termasuk sebab kematian kemalangan pengangkutan)			(Tidak termasuk sebab kematian kemalangan pengangkutan) - (Kematian semua sebab)		
	Lelaki dan Perempuan	Lelaki	Perempuan	Lelaki dan Perempuan	Lelaki	Perempuan	Lelaki dan Perempuan	Lelaki	Perempuan
	Jangkaan hayat mengikut umur tertentu			Jangkaan hayat mengikut umur tertentu			Jangkaan hayat mengikut umur tertentu		
0	74.8	72.5	77.4	75.0	<b>72.9</b>	<b>77.5</b>	0.2	<b>0.4</b>	<b>0.1</b>
1	74.3	72.0	76.9	74.5	72.4	76.9	0.2	0.4	0.0
5	70.4	68.2	73.0	70.6	68.5	73.0	0.2	0.3	0.0
10	65.4	63.2	68.0	65.7	63.6	68.1	0.3	0.4	0.1
<b>15</b>	<b>60.5</b>	<b>58.3</b>	<b>63.1</b>	<b>60.8</b>	<b>58.7</b>	<b>63.2</b>	<b>0.3</b>	<b>0.4</b>	<b>0.1</b>
20	55.7	53.5	58.2	55.9	53.8	58.2	0.2	0.3	0.0
25	50.9	48.8	53.3	51.0	49.0	53.3	0.1	0.2	0.0
30	46.0	44.0	48.4	46.2	44.2	48.5	0.2	0.2	0.1
35	41.3	39.3	43.6	41.4	39.4	43.6	0.1	0.1	0.0
40	36.6	34.7	38.8	36.7	34.8	38.8	0.1	0.1	0.0
45	32.0	30.2	34.1	32.1	30.3	34.1	0.1	0.1	0.0
50	27.6	25.9	29.6	27.7	26.0	29.6	0.1	0.1	0.0
55	23.5	22.0	25.2	23.6	22.0	25.3	0.1	0.0	0.1
<b>60</b>	<b>19.6</b>	<b>18.3</b>	<b>21.1</b>	<b>19.7</b>	<b>18.4</b>	<b>21.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>
65	16.0	14.9	17.2	16.0	14.9	17.2	0.0	0.0	0.0
70	12.6	11.7	13.5	12.6	11.7	13.5	0.0	0.0	0.0
75	9.4	8.7	10.1	9.4	8.7	10.1	0.0	0.0	0.0
80+	6.6	6.1	7.1	6.6	6.2	7.1	0.0	0.1	0.0

**Nota:**

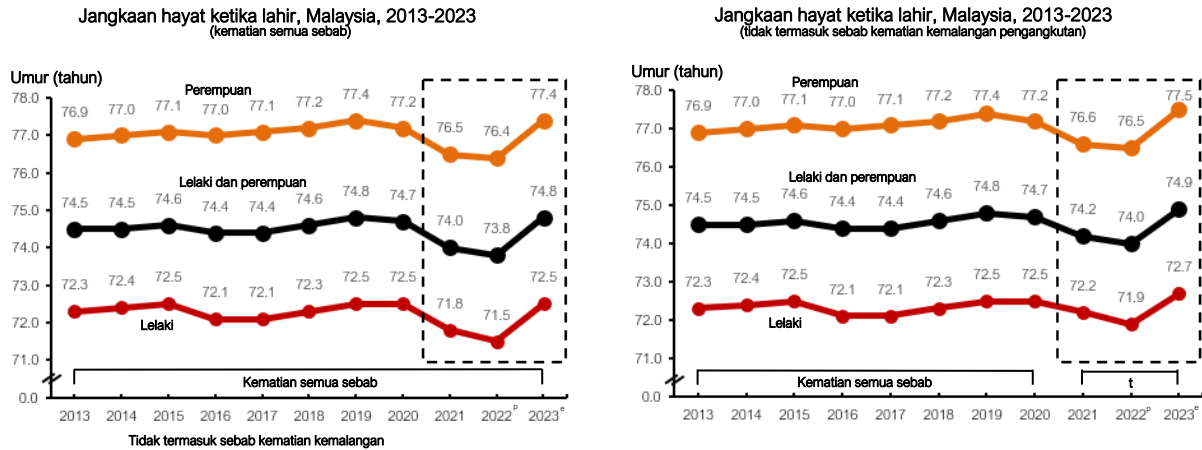
<sup>e</sup> Anggaran

Sumber:

Jabatan Perangkaan Malaysia

Secara keseluruhannya, kajian menunjukkan bahawa perbandingan jangkaan hayat ketika lahir antara kematian semua sebab dan tanpa mengambil kira sebab kematian kemalangan pengangkutan, seseorang dijangka hidup lebih lama pada tempoh 2021 hingga 2023 sekiranya pengiraan jangkaan hayat tanpa mengambil kira sebab kematian kemalangan pengangkutan.

**Carta 14: Perbandingan jangkaan hayat ketika lahir antara kematian semua sebab dan tidak termasuk sebab kematian kemalangan pengangkutan, Malaysia, 2013-2023**



**Nota:**

<sup>p</sup> Permulaan

<sup>e</sup> Anggaran

<sup>†</sup> Tidak termasuk sebab kematian kemalangan pengangkutan

Sumber:

Jabatan Perangkaan Malaysia

**RUMUSAN**

Kajian ini memberikan penilaian awalan mengenai kesan kemalangan pengangkutan terhadap jangkaan hayat dengan membandingkan senario kematian semua sebab dan tanpa mengambil kira sebab kematian kemalangan pengangkutan di peringkat Malaysia. Dapatan menunjukkan sekiranya tiada kematian disebabkan kemalangan pengangkutan berlaku bagi tempoh 2020 hingga 2023, berlaku peningkatan bagi jangkaan hayat di Malaysia.

**PENAFIAN**

Pandangan yang dikemukakan dalam rencana ini adalah pandangan penulis dan tidak semestinya mewakili Jabatan Perangkaan Malaysia (DOSM).

## RUJUKAN

Kareem A. (2003). *Review of global menace of road accidents with special reference to malaysia- a social perspective*. *The Malaysian journal of medical sciences* : MJMS, 10(2), 31–39. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3561885/>

Ashraf I, Hur S, Shafiq M, Park Y (2019) *Catastrophic factors involved in road accidents: Underlying causes and descriptive analysis*. *PloS ONE* 14(10): e0223473. <https://doi.org/10.1371/journal.pone.0223473>

Cobb, R. W., & Coughlin, J. F. (2004). *Transportation policy for an aging society: Keeping older Americans on the move*. In *Transportation Research Board Conference Proceedings* (No. 27).

Khatibi SR, Dinpanah H, Maajani K, et al (2020). *The burden of road traffic injuries in the northeast of Iran: the result of a populationbased registry*. *J Inj Violence Res*, 12(1): 63–72. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7001612/>

Shavaleh, R., Motevalian, S. A., Mahdavi, N., Haddadi, M., Mohaghegh, M. R., & Hamed, Z. (2018). *Epidemiological study of hospitalized road traffic injuries in Iran 2011*. *Medical journal of the Islamic Republic of Iran*, 32, 50. <https://doi.org/10.14196/mjiri.32.50>

World Health Organization (WHO). *Road Traffic Injuries; 2022*. <https://www.who.int/news-room/fact-sheets/detail/road-traffic-injuries>

Jabatan Perangkaan Malaysia (2023). *Estimating deaths due to transport accidents in Malaysia*

Jabatan Perangkaan Malaysia (pelbagai tahun). *Perangkaan Penting, Malaysia*

Jabatan Perangkaan Malaysia (pelbagai tahun). *Perangkaan Sebab Kematian, Malaysia*

Jabatan Perangkaan Malaysia (pelbagai tahun). *Anggaran Penduduk Semasa, Malaysia*

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# *SUMMARY OF FINDINGS*



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## 1. INTRODUCTION

*The Abridged Life Tables, Malaysia, 2021-2023 presents life tables by age group, ethnic groups and sex in Malaysia and state levels. 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. For the first time this publication presents life expectancy at birth by sex for 156 administrative districts. The life tables are generated based on the mid-year deaths and mid-year population estimates.*

*The abridged life tables for 2021 (final) and 2022 (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, 2023 (estimates), the Brass Logit model was adopted.*

*Abridged life tables show **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 will be 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, 2021-2023

- a. A **baby** born in year ...
  - i. **2021** on average is expected to live until the age of **74.0 years**.
  - ii. **2022<sup>P</sup>** on average is expected to live until the age of **73.8 years**.
  - iii. **2023<sup>e</sup>** on average is expected to live until the age of **74.8 years**.
- b. A **baby boy** born in year ...
  - i. **2021** on average is expected to live until the age of **71.8 years**.
  - ii. **2022<sup>P</sup>** on average is expected to live until the age of **71.5 years**.
  - iii. **2023<sup>e</sup>** on average is expected to live until the age of **72.5 years**.
- c. A **baby girl** born in year ...
  - i. **2021** on average is expected to live until the age of **76.5 years**.
  - ii. **2022<sup>P</sup>** on average is expected to live until the age of **76.4 years**.
  - iii. **2023<sup>e</sup>** on average is expected to live until the age of **77.4 years**.
- d. **Males** who reach the age of **15 years** in year ...
  - i. **2021** is expected to live **another 57.5 years**.
  - ii. **2022<sup>P</sup>** is expected to live **another 57.3 years**.
  - iii. **2023<sup>e</sup>** is expected to live **another 58.3 years**.
- e. **Females** who reach the age of **15 years** in year ...
  - i. **2021** is expected to live **another 62.2 years**.
  - ii. **2022<sup>P</sup>** is expected to live **another 62.1 years**.
  - iii. **2023<sup>e</sup>** is expected to live **another 63.1 years**.
- f. **Males** who reach the age of **60 years** in year ...
  - i. **2021** is expected to live **another 17.7 years**.
  - ii. **2022<sup>P</sup>** is expected to live **another 17.6 years**.
  - iii. **2023<sup>e</sup>** is expected to live **another 18.3 years**.
- g. **Females** who reach the age of **60 years** in year ...
  - i. **2021** is expected to live **another 20.5 years**.
  - ii. **2022<sup>P</sup>** is expected to live **another 20.4 years**.
  - iii. **2023<sup>e</sup>** is expected to live **another 21.1 years**.
- h. **Chinese** remains having the **highest life expectancy at birth** for 2021 to 2023.
- i. **Selangor** recorded the **highest life expectancy at birth** for 2021 to 2023 while **Terengganu** recorded the **lowest life expectancy at birth** for the same period.

j. *Petaling, Selangor* recorded the **highest** life expectancy (**80.5 years**) for 2023, while *Samarahan, Sarawak* recorded the **highest** life expectancy at birth for 2021 (**79.8 years**) and 2022 (**79.6 years**) at district level. *Kecil Lojing, Kelantan* recorded the **lowest** life expectancy at birth for 2022 (**63.2 years**) and 2023 (**62.8 years**), while *Kuala Penyu, Sabah* recorded the **lowest** life expectancy at birth for 2021 (**64.2 years**).

### 3. LIFE EXPECTANCY AT BIRTH

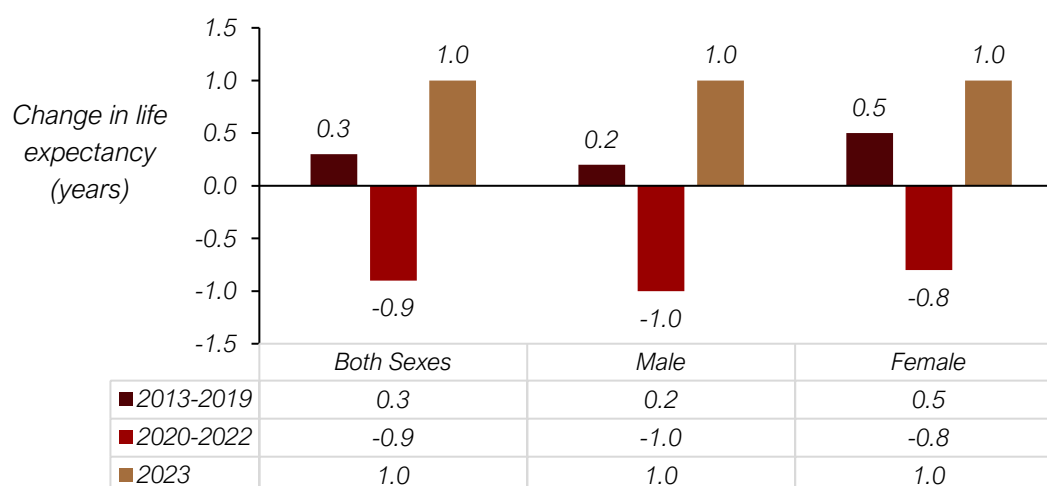
#### Life Expectancy at Birth Increased for Year 2023

A baby born in 2021, 2022 and 2023 on average is expected to live until **74.0 years**, **73.8 years** and **74.8 years**, respectively.

For the period of 2013 to 2019, life expectancy at birth increased by 0.3 years with males increased by 0.2 years and females, 0.5 years. However, from 2020 to 2022, life expectancy at birth decreased by 0.9 years with males decreased by 1.0 year while females decreased by 0.8 years. In 2023, life expectancy at birth recorded an increase of 1.0 year as compared to 2022.

The increase in life expectancy is due to the improved number of deaths in 2023 as compared to 2021 and 2022 which was attributed to the increase in the number of excess deaths during the COVID-19 pandemic. [Chart 1]

Chart 1: Change in life expectancy at birth, Malaysia, 2013-2019, 2020-2022 and 2023



**Notes:**

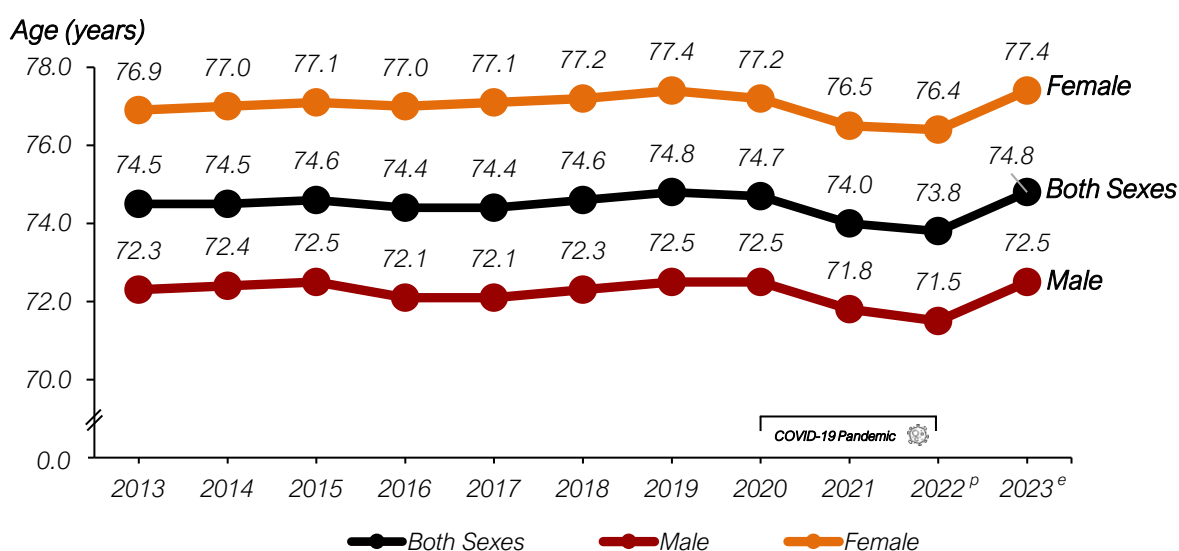
2013-2019: Based on Population and Housing Census of Malaysia 2010 (Census 2010)

2020-2023: Based on Population and Housing Census of Malaysia 2020 (Census 2020)

A baby girl born in 2021 and 2022 is expected to live up to 76.5 years and 76.4 years respectively, while a baby boy is expected to live up to 71.8 years and 71.5 years respectively for the same period.

On average, a baby girl born in 2023 is expected to live until 77.4 years while a baby boy is expected to live until 72.5 years. [Chart 2]

**Chart 2: Life expectancy at birth, Malaysia, 2013-2023**



Notes:  
<sup>p</sup> Preliminary  
<sup>e</sup> Estimates

#### 4. LIFE EXPECTANCY AT THE AGE OF 15 YEARS

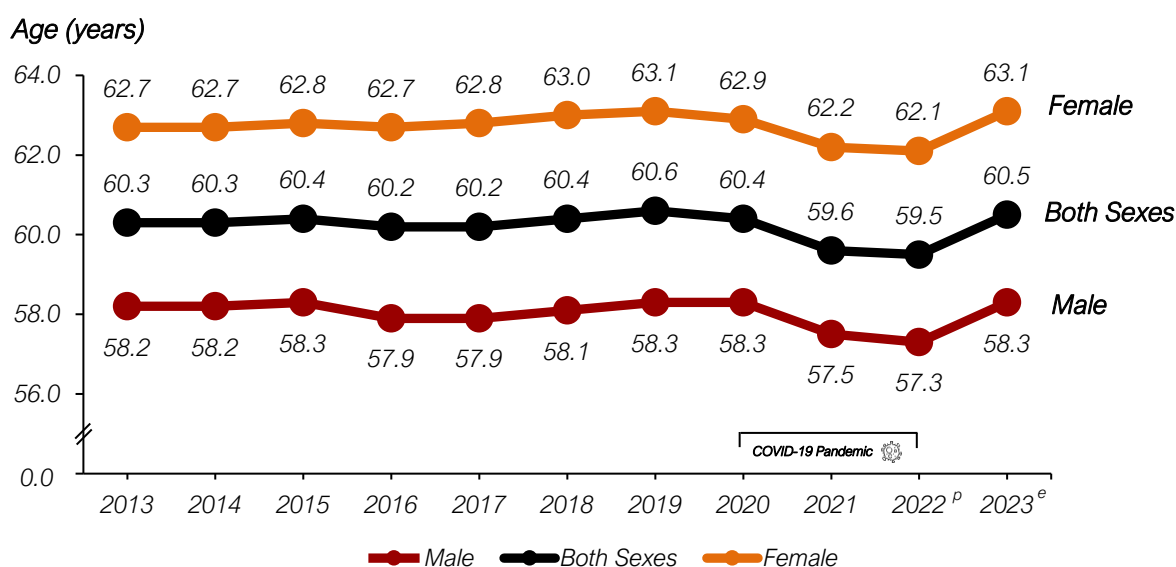
**Females at the Age of 15 Years is Expected to Live 4 Years Longer for the Period 2021 to 2023**

**Males** who reach the age of 15 years in 2021, 2022 and 2023 are expected to live for another 57.5 years, 57.3 years and 58.3 years, respectively. This indicates that a male who reached the age of 15 years old in 2021 is expected to live until the age of 72.5 years; a male who is 15 years old in 2022 is expected to live until the age of 72.3 years and a male who is 15 years old in 2023 is expected to live until the age of 73.3 years.

**Females** who reach the age of 15 years in 2021, 2022 and 2023 are expected to live for another 62.2 years, 62.1 years and 63.1 years, respectively. Thus, a female who is 15 years old in 2021 is expected to live until 77.2 years; a female who is 15 years old in 2022 is expected to live until 77.1 years and a female who is 15 years old in 2023 is expected to live until the age of 78.1 years.

In terms of life expectancy, females outlived males by 4.7 years (2021), 4.8 years (2022) and 4.8 years (2023). [Chart 3]

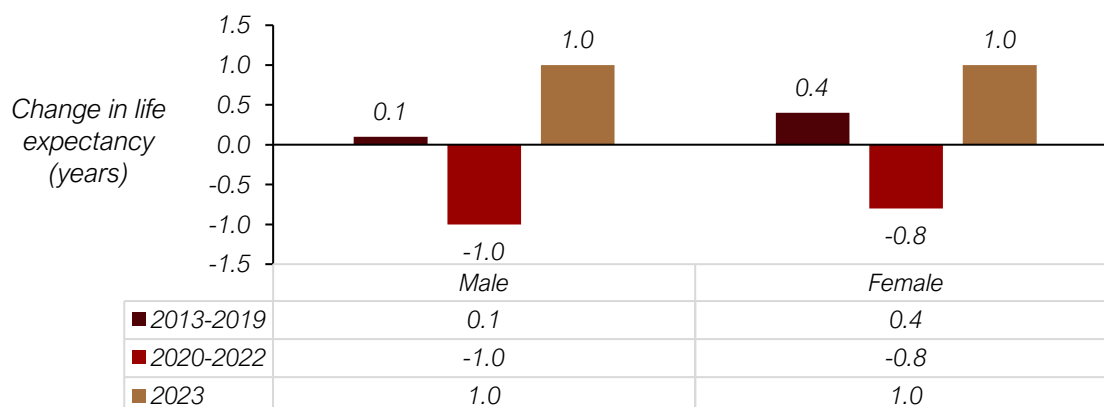
**Chart 3: Life expectancy at the age of 15 years by sex, Malaysia, 2013-2023**



Notes:  
<sup>P</sup> Preliminary  
<sup>e</sup> Estimates

From 2013 to 2019 life expectancy at the age of 15 years for males increased by 0.1 years and females, 0.4 years. Conversely, from 2020 to 2022, life expectancy at the age of 15 years for males and females recorded a decline of 1.0 year and 0.8 years, respectively. In 2023, life expectancy at the age of 15 years for males and females increased by 1.0 year. The increase in life expectancy is due to the improved number of deaths in 2023 as compared to 2021 and 2022 which was attributed to the increase in the number of excess deaths during the COVID-19 pandemic. [Chart 4]

**Chart 4: Change in life expectancy at the age of 15 years by sex, Malaysia, 2013-2019, 2020-2022 and 2023**



## 5. LIFE EXPECTANCY AT THE AGE OF 60 YEARS

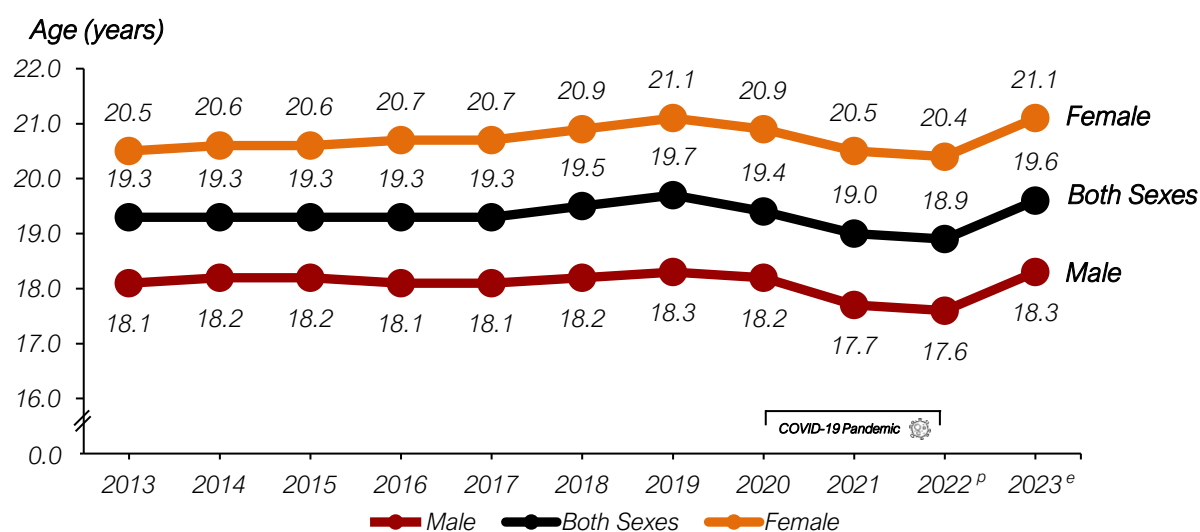
### Female at the Age of 60 Years Expected to Live More Than 80 Years for the Period of 2021 to 2023

Males and females who reach the age of 60 years in 2021 are expected to live for another 17.7 and 20.5 years, respectively. Thus, males aged 60 years in 2021 are expected to live until the age of 77.7 years and females, 80.5 years.

Males who are 60 years in 2022 are expected to live for another 17.6 years and females, 20.4 years. This implies, males aged 60 years in 2022 are expected to live until the age of 77.6 years and females, 80.4 years.

Males and females aged 60 years old in 2023 are expected to live for another 18.3 years and 21.1 years, respectively. These indicate males aged 60 years in 2023 are expected to live up to 78.3 years and females, 81.1 years.

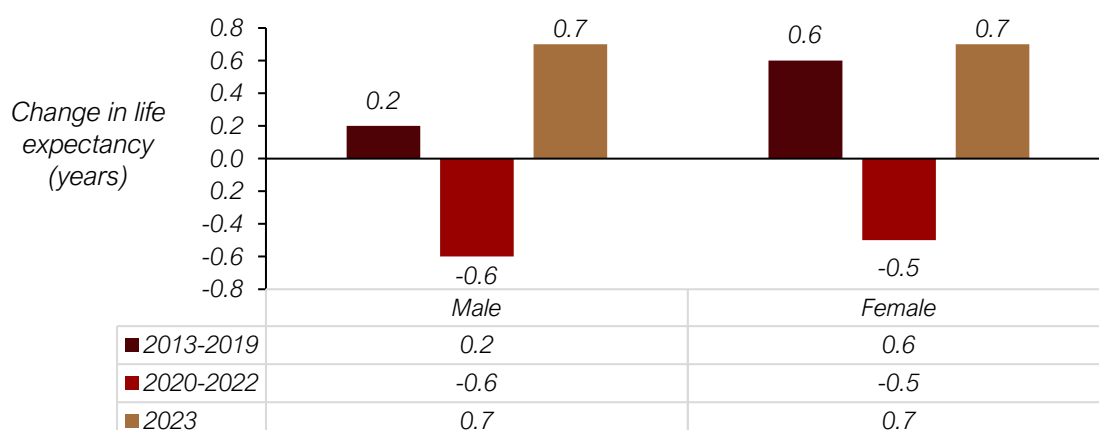
Chart 5: Life expectancy at the age of 60 years by sex, Malaysia, 2013-2023



Notes:  
<sup>P</sup> Preliminary  
<sup>e</sup> Estimates

For the period 2013 to 2019, life expectancy at the age of 60 years for males increased by 0.2 years and for females, 0.6 years. However, for 2020 to 2022, life expectancy at age of 60 years for males and females recorded a decline of 0.6 years and 0.5 years, respectively. Life expectancy at the age of 60 years for males and females increased by 0.7 years in 2023. The increase in life expectancy is due to the improved number of deaths in 2023 as compared to 2021 and 2022 which was attributed to the increase in the number of excess deaths during the COVID-19 pandemic. [Chart 6]

**Chart 6: Change in life expectancy at the age of 60 years, Malaysia, 2013-2019, 2020-2022 and 2023**



The decrease in life expectancy for 2020 to 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 and 447 deaths in 2022. [Table 1]

**Table 1: Deaths due to COVID-19 by age group, Malaysia, 2020-2022**

Age group	2020	2021	2022
0	0	22	25
1-4	3	22	17
5-9	1	21	14
10-14	1	23	16
15-19	1	55	20
20-24	4	195	22
25-29	10	496	42
30-34	7	883	73
35-39	16	1,393	104
40-44	13	1,919	154
45-49	27	2,365	213
50-54	46	2,740	252
55-59	52	3,222	347
<b>60-64</b>	<b>86</b>	<b>3,709</b>	<b>447</b>
65-69	71	3,606	541
70-74	57	3,409	641
75-79	52	2,565	680
80-84	35	2,259	830
85 years and over	34	2,159	873
<b>Total</b>	<b>516</b>	<b>31,063</b>	<b>5,311</b>

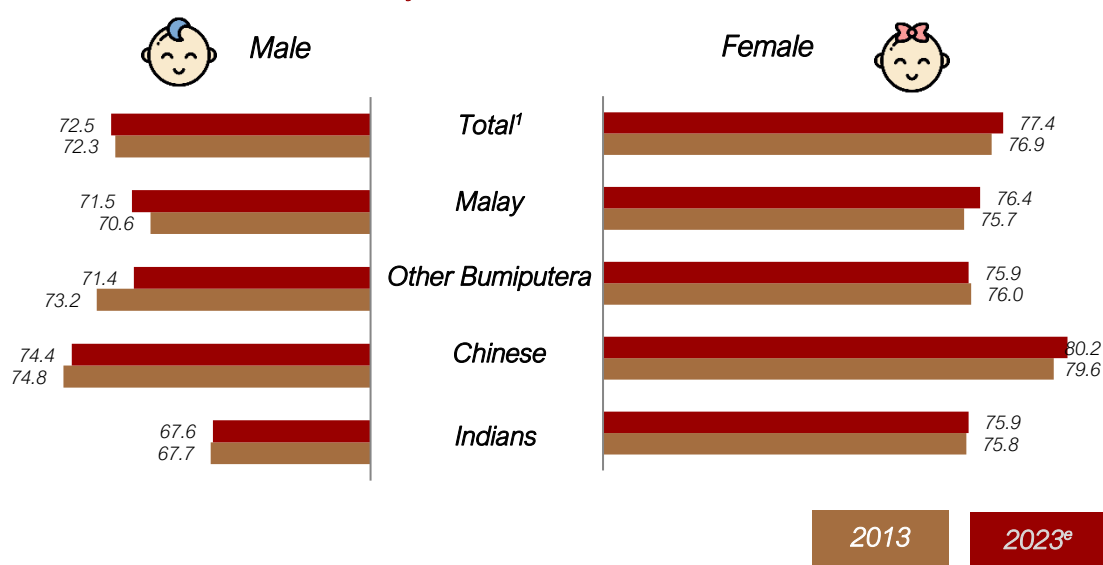
Source: Ministry of Health, Malaysia

## 6. LIFE EXPECTANCY AT BIRTH BY ETHNIC GROUP

### Chinese Continues to Live Longer

The highest life expectancy at birth was recorded by Chinese with 74.4 years (male) and 80.2 years (female) in 2023. In contrast, the lowest life expectancy at birth for males and females is recorded by Indians with 67.6 years and 75.9 years, respectively for the same year. [Exhibit 1]

Exhibit 1: Life expectancy at birth by ethnic group and sex, Malaysia, 2013 and 2023



**Notes:**

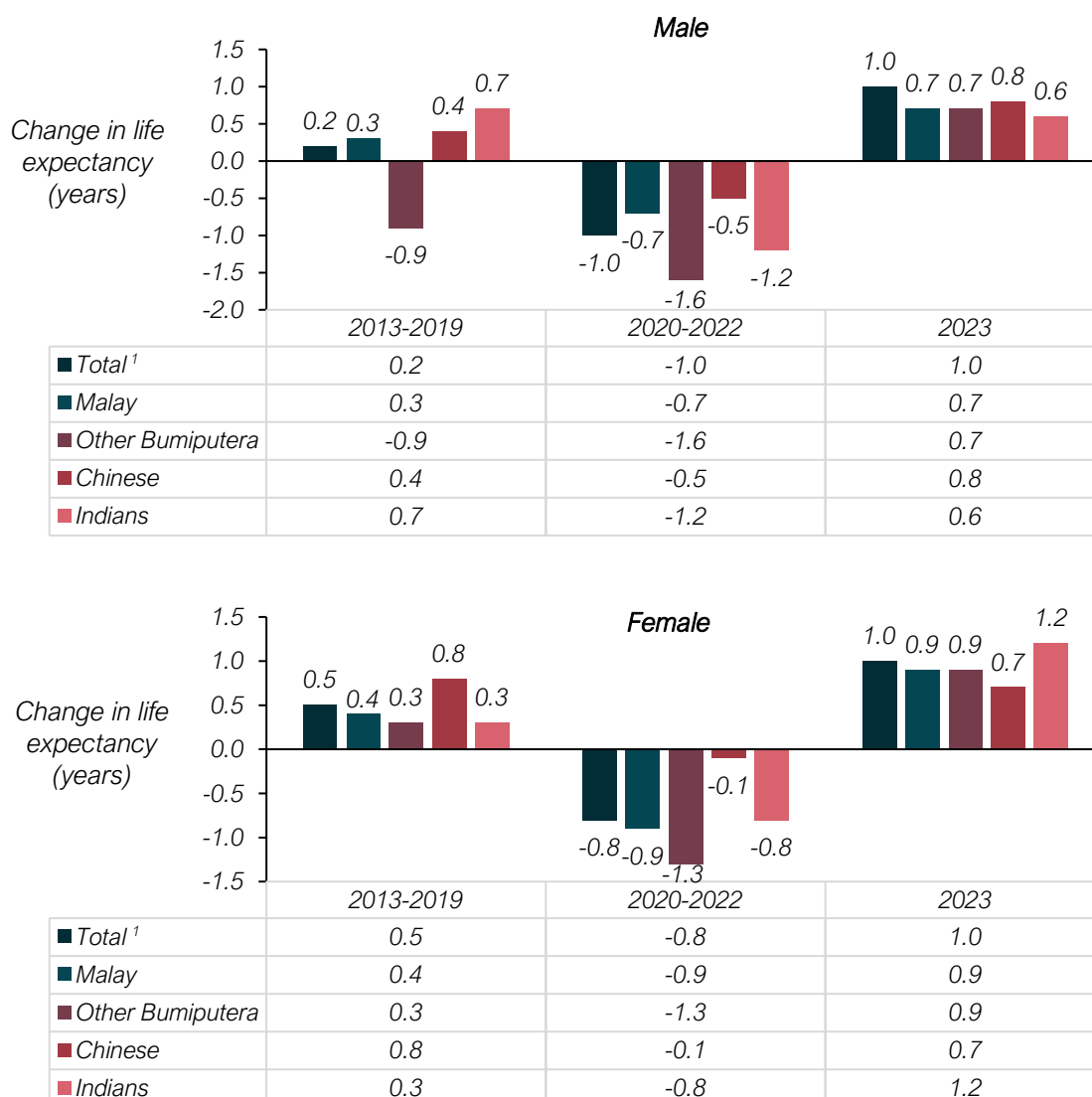
<sup>1</sup> Includes Others (Citizens) and Non-citizens

<sup>e</sup> Estimates

From 2013 to 2019, all ethnic groups recorded an increase in life expectancy except for Other Bumiputera (male).

From 2020 to 2022, the highest decrease in life expectancy at birth was recorded by Other Bumiputera with 1.6 years (male) and 1.3 years (female). Whereas, the lowest decrease in life expectancy at birth below one year was recorded by Chinese with 0.5 years (male) and 0.1 years (female). All ethnic groups recorded an increase in life expectancy in 2023. [Chart 7]

**Chart 7: Change in life expectancy at birth by ethnic group and sex, Malaysia, 2013-2019, 2020-2022 and 2023**



Note:

<sup>1</sup> Total includes Others (Citizens) and Non-citizens

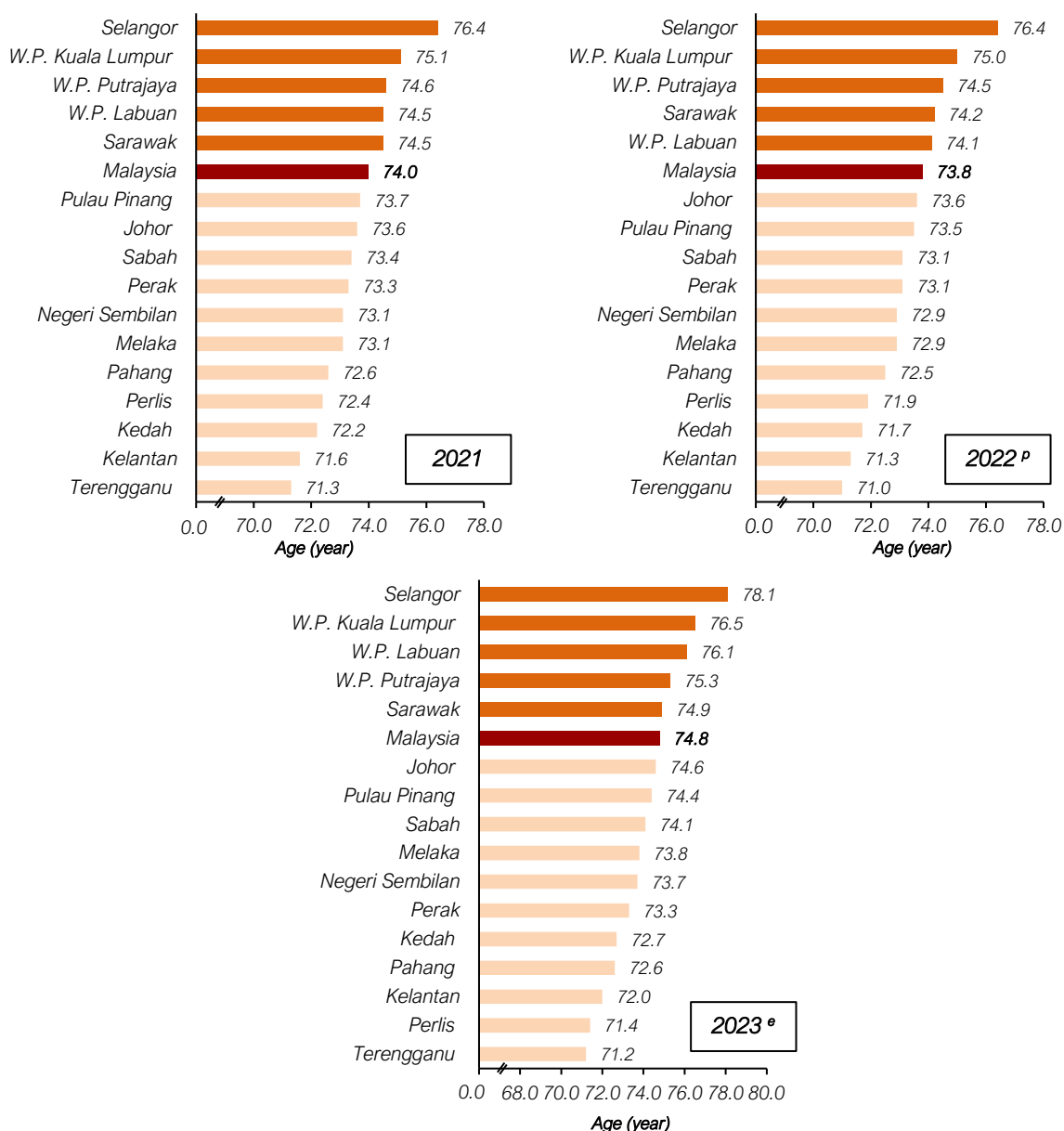
## 7. LIFE EXPECTANCY AT BIRTH BY STATE

### Selangor Recorded the Highest Life Expectancy at Birth

The highest life expectancy at birth for males and females by state for the period of 2021 to 2023 was recorded by Selangor while Terengganu recorded the lowest life expectancy for the same period.

There are **five** states that exceeded the national level life expectancy for 2021 to 2023 namely Selangor, W.P. Kuala Lumpur, W.P. Putrajaya, W.P. Labuan and Sarawak. [Chart 8]

Chart 8: Life expectancy at birth by state, Malaysia, 2021-2023



Notes:  
<sup>P</sup> Preliminary  
<sup>e</sup> Estimates

## 8. LIFE EXPECTANCY AT BIRTH BY ADMINISTRATIVE DISTRICT

### Petaling, Selangor Recorded the Highest Life Expectancy at Birth

The highest life expectancy at birth for males and females by administrative districts for 2023 was recorded by Petaling, Selangor while Samarahan, Sarawak recorded the highest life expectancy for the period of 2021-2022. [Table 2]

Table 2: Top five districts with highest life expectancy at birth, Malaysia, 2021-2023

Year	Both Sexes		Male		Female	
	Administrative District	Life Expectancy at Birth	Administrative District	Life Expectancy at Birth	Administrative District	Life Expectancy at Birth
2023 <sup>e</sup>	Petaling, Selangor	80.5	Petaling, Selangor	78.9	Kalabakan, Sabah	82.8
	Samarahan, Sarawak	80.2	Samarahan, Sarawak	78.4	Petaling, Selangor	82.3
	Kalabakan, Sabah	78.9	Ulu Langat, Selangor	76.6	Samarahan, Sarawak	81.9
	Selangor, Sepang	78.4	Kinabatangan, Sabah	76.6	Tongod, Sabah	81.5
	Ulu Langat, Selangor	78.4	Selangor, Sepang	76.5	Ulu Langat, Selangor	80.6
2022 <sup>p</sup>	Samarahan, Sarawak	79.6	Samarahan, Sarawak	77.5	Samarahan, Sarawak	81.8
	Petaling, Selangor	78.7	Kinabatangan, Sabah	77.0	Petaling, Selangor	80.7
	Selangor, Sepang	77.8	Petaling, Selangor	76.9	Selangor, Sepang	79.7
	Kinabatangan, Sabah	77.7	Selangor, Sepang	76.2	Kuching, Sarawak	79.4
	Kuching, Sarawak	76.7	Tongod, Sabah	74.6	Penampang, Sabah	78.8
2021	Samarahan, Sarawak	79.8	Kinabatangan, Sabah	78.3	Samarahan, Sarawak	82.0
	Kinabatangan, Sabah	78.7	Samarahan, Sarawak	77.8	Petaling, Selangor	80.6
	Petaling, Selangor	78.5	Kalabakan, Sabah	77.0	Selangor, Sepang	80.2
	Selangor, Sepang	78.3	Selangor, Sepang	76.8	Telupid, Sabah	79.4
	Kalabakan, Sabah	77.9	Petaling, Selangor	76.7	Kuching, Sarawak	79.3

Kecil Lojing, Kelantan recorded the lowest life expectancy at birth for 2023 and 2022 while Kuala Penyu, Sabah recorded the lowest life expectancy at birth for 2021. [Table 3]

**Table 3: Top five districts with lowest life expectancy at birth, Malaysia, 2021-2023**

Year	Both Sexes		Male		Female	
	Administrative District	Life Expectancy at Birth	Administrative District	Life Expectancy at Birth	Administrative District	Life Expectancy at Birth
2023 <sup>e</sup>	Kecil Lojing, Kelantan	62.8	Kanowit, Sarawak	59.6	Bukit Mabong, Sarawak	66.5
	Kuala Penyu, Sabah	64.4	Kecil Lojing, Kelantan	60.7	Kecil Lojing, Kelantan	67.1
	Beaufort, Sabah	66.6	Kuala Penyu, Sabah	62.7	Kuala Penyu, Sabah	68.1
	Kanowit, Sarawak	66.8	Song, Sarawak	63.3	Beaufort, Sabah	68.7
	Bukit Mabong, Sarawak	66.8	Tenom, Sabah	64.3	Sipitang, Sabah	69.6
2022 <sup>p</sup>	Kecil Lojing, Kelantan	63.2	Kuala Penyu, Sabah	60.6	Kecil Lojing, Kelantan	65.0
	Kuala Penyu, Sabah	63.9	Kecil Lojing, Kelantan	61.8	Kuala Penyu, Sabah	67.6
	Kanowit, Sarawak	66.7	Song, Sarawak	61.8	Bukit Mabong, Sarawak	68.6
	Song, Sarawak	66.8	Kanowit, Sarawak	62.3	Beaufort, Sabah	69.2
	Beaufort, Sabah	67.2	Sabak Bernam, Selangor	65.4	Pusa, Sarawak	69.5
2021	Kuala Penyu, Sabah	64.2	Kuala Penyu, Sabah	61.2	Kecil Lojing, Kelantan	65.8
	Kecil Lojing, Kelantan	64.8	Song, Sarawak	62.7	Kuala Penyu, Sabah	67.7
	Song, Sarawak	66.9	Kanowit, Sarawak	63.3	Tanjung Manis, Sarawak	69.1
	Kanowit, Sarawak	67.6	Kecil Lojing, Kelantan	63.9	Bukit Mabong, Sarawak	69.7
	Beaufort, Sabah	68.0	Beaufort, Sabah	65.5	Pusa, Sarawak	69.8

## 9. SURVIVORS

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

For every 100,000 *baby boys* born, **99,341 babies** (99.3%) will have the chance to survive up to the age of **one year old** in **2021**, **99,311 babies** (99.3%) in **2022** and **99,277 babies** (99.3%) in **2023**.

For every 100,000 *baby girls* born, **99,426 babies** (99.4%) will have the chance to live up to the age of **one year** in **2021**, **99,413 babies** (99.4%) in **2022** and **99,420** (99.4%) in **2023**. [Table 4]

**Table 4: Survivors by ethnic group and sex for one year old, Malaysia, 2021-2023**

Ethnic group/ Sex	1 year old					
	2021		2022 <sup>P</sup>		2023 <sup>e</sup>	
	Number	%	Number	%	Number	%
<b>Total<sup>1</sup></b>						
Male	99,341	99.3	99,311	99.3	99,277	99.3
Female	99,426	99.4	99,413	99.4	99,420	99.4
<b>Malay</b>						
Male	99,327	99.3	99,301	99.3	99,247	99.2
Female	99,405	99.4	99,400	99.4	99,391	99.4
<b>Other Bumiputera</b>						
Male	99,094	99.1	99,030	99.0	99,056	99.1
Female	99,207	99.2	99,173	99.2	99,216	99.2
<b>Chinese</b>						
Male	99,560	99.6	99,546	99.5	99,537	99.5
Female	99,644	99.6	99,653	99.7	99,688	99.7
<b>Indians</b>						
Male	99,360	99.4	99,297	99.3	99,188	99.2
Female	99,559	99.6	99,512	99.5	99,515	99.5

**Notes:**

<sup>1</sup> Include Others (Citizens) and Non-citizens

<sup>P</sup> Preliminary

<sup>e</sup> Estimates

The 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

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

A study by Ngangue & Manfred (2015) 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 2022, five (5) states recorded the highest life expectancy at birth surpassing the national level (73.8 years) namely Selangor (76.4 years), W.P. Kuala Lumpur (75.0 years), W.P. Putrajaya (74.5 years), Sarawak (74.2 years) and W.P. Labuan (74.1 years).

GDP per capita in 2022 shows that five states recorded GDP per capita surpassed the national level (RM54,863) which comprise W.P. Kuala Lumpur (RM127,199), W.P. Labuan (RM85,560), Sarawak (RM80,857), Pulau Pinang (RM69,684) and Selangor (RM59,908). [Table 5]

**Table 5: Life expectancy at birth and GDP per capita by state, Malaysia, 2022<sup>P</sup>**

State (ranked by the highest life expectancy)	Life expectancy at birth 2022 <sup>P</sup> (year)	State (ranked by the highest GDP per capita)	GDP per capita 2022 <sup>P</sup> at current prices (RM)
Selangor	76.4	W.P. Kuala Lumpur <sup>1</sup>	127,199
W.P. Kuala Lumpur	75.0	W.P. Labuan	85,560
W.P. Putrajaya	74.5	Sarawak	80,857
Sarawak	74.2	Pulau Pinang	69,684
W.P. Labuan	74.1	Selangor	59,908
<b>Malaysia</b>	<b>73.8</b>	<b>Malaysia</b>	<b>54,863</b>
Johor	73.6	Melaka	50,407
Pulau Pinang	73.5	Negeri Sembilan	49,804
Perak	73.1	Pahang	47,177
Sabah	73.1	Johor	41,058
Melaka	72.9	Perak	36,924
Negeri Sembilan	72.9	Sabah	36,020
Pahang	72.5	Terengganu	32,199
Perlis	71.9	Kedah	25,967
Kedah	71.7	Perlis	23,126
Kelantan	71.3	Kelantan	16,567
Terengganu	71.0		

**Notes:**

<sup>P</sup> Preliminary

<sup>1</sup> Includes W.P. Putrajaya

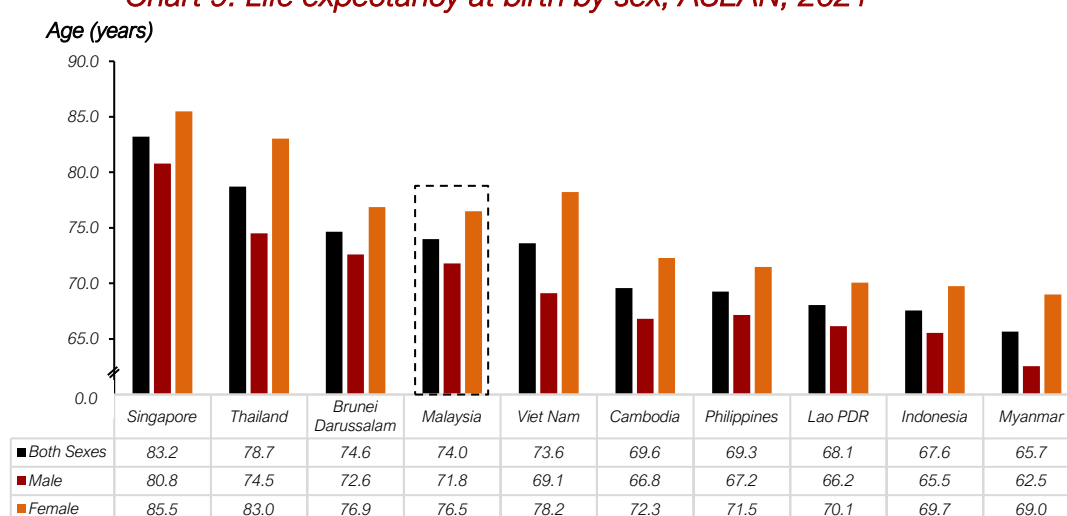
Source: GDP by State, 2022, Department of Statistics Malaysia

## 11. LIFE EXPECTANCY AT BIRTH AND AGEING POPULATION FOR ASEAN COUNTRY

Singapore had the highest life expectancy at birth for males (80.8 years) and females (85.5 years) in 2021 as compared to other ASEAN countries. [Chart 9]

Among the ASEAN countries that have achieved an ageing society include, Thailand (15.2%), Singapore (15.1%), Viet Nam (9.1%) and Malaysia (7.2%) with the percentage of the population aged 65 years and over in a country that has reached seven per cent (7.0%) of the total population. [Chart 10]

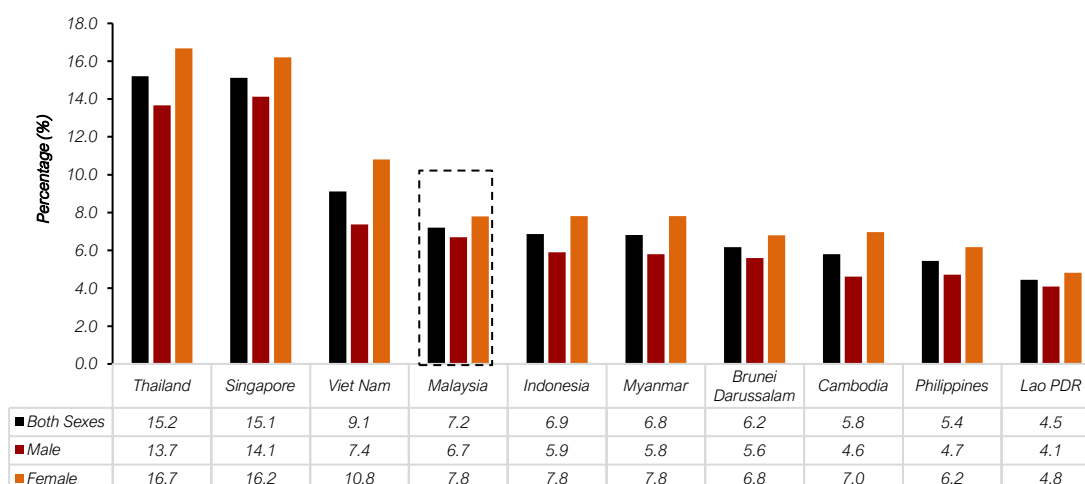
**Chart 9: Life expectancy at birth by sex, ASEAN, 2021**



**Note:**

Statistics life expectancy at birth for ASEAN (2021) is obtained from World Development Indicator (WDI), updated July 2023 except for Malaysia and Singapore (latest release)

**Chart 10: Population aged 65 years and over, ASEAN, 2022**



**Note:**

Statistics population aged 65 years for ASEAN (2022) is obtained from World Development Indicator (WDI), updated July 2023 except for Malaysia (latest release)

## 12. 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 has been published since 1990 until 2022.

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, 2021/2022, 10 countries were listed as Very High Human Development Index namely Hong Kong, China (SAR) recorded the highest life expectancy at birth with 85.5 years while Ireland has the highest GNI per capita with \$76,169. [Table 6]

**Table 6: Life expectancy at birth and GNI per capita for selected countries, 2021**

No.	Country (ranked by the highest life expectancy)	Life expectancy at birth (year) 2021	No.	Country (ranked by the highest GNI per capita)	GNI per capita (2017 PPP \$) 2021	HDI Rank 2021
1.	Hong Kong, China (SAR)	85.5	1.	Ireland	76,169	8
2.	Switzerland	83.9	2.	Switzerland	66,933	1
3.	Singapore	83.4	3.	Norway	64,660	2
4.	Australia	83.3	4.	Hong Kong, China (SAR)	62,607	4
5.	Norway	83.2	5.	Denmark	60,365	6
6.	Sweden	83.2	6.	Netherlands	55,979	10
7.	Iceland	83.1	7.	Iceland	55,782	3
8.	Canada	82.6	8.	Germany	54,534	9
9.	New Zealand	82.2	9.	Sweden	54,489	7
10.	Ireland	80.9	10.	Australia	49,238	5

Source: Human Development Index Report, 2021/2022

## ARTICLE

**IMPACT OF TRANSPORT ACCIDENT DEATHS ON LIFE EXPECTANCY**

(Adam Akashah Ahmad, Mohamad Shukor Mat Lazim, Nur Azmina Mohd Zuhkhori, Amirul Hafiz Azelan)

**INTRODUCTION**

*Life expectancy is one of the indicators of 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. One of the factors affecting life expectancy is death due to transport accidents.*

*Transport accidents, comprising road crashes, rail mishaps, air and sea disasters, and pedestrian accidents, stand as a formidable global public health concern. According to Cobb and Coughlin (2004), it is undeniable that the transportation system improves human living standards as well as contributes to the economic growth of a country. It makes people move themselves and their goods more easily to fulfill their tasks across the world. It is inevitably considered as a symbol of social well-being and self-image of a nation. But because of that, road accidents have become 'a global tragedy' with an ever-rising trend. Approximately, 1.17 million deaths occur each year worldwide due to road accidents 70 % of which occur in developing countries. Road accident is one of the major causes of death and injuries in Malaysia (Kareem, 2003).*

*The increase in various accidents and injuries is one of the most important threats to human life in different regions and countries, which causes the death of more than 6 million people annually in the world. Among these, traffic accidents are one of the most common accidents that annually cause the death of approximately 1.35 million people and injuries of 20-50 million people in the world (Khatibi et al., 2020). Traffic accidents are the leading cause of death for children and young adults between the ages of 5 and 29 (Shavaleh et al., 2018). According to World Health Organization (2020), approximately, 93% of the world's road casualties occur in low- and middle-income countries, while they account for approximately 60% of the world's vehicles. Beyond the immediate physical and emotional toll they exact, these accidents have far-reaching implications on a population's life expectancy and overall well-being. The direct and indirect consequences of transport accidents can significantly alter mortality rates and subsequently influence life expectancy trends within a society.*

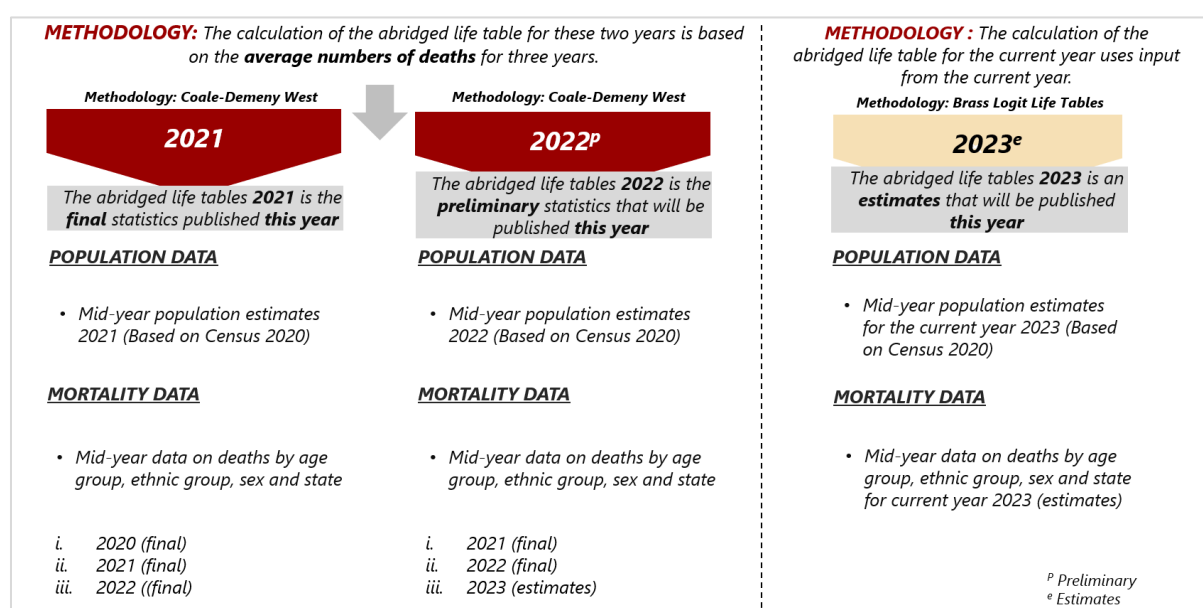
*Based on the statistics of transport accident deaths by the Department of Statistics Malaysia (DOSM), the number of transport accident deaths in Malaysia on average*

contributed three percent of the total number of deaths for the period from 2011 to 2023. Hence, 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 transport accidents in Malaysia for the period 2020 to 2023.

## METHODOLOGY

The abridged life table for 2021 and 2022 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 2020 (MyCensus 2020). The abridged life table for 2023 is generated using the Brass Logit model whereby the input of deaths is based on the mid-year deaths and for population, the mid-year population estimates for 2023 is used. Summary of the methodology for calculating the abridged life table for the years 2021 to 2023 as shown in Exhibit 1.

**Exhibit 1: Methodology of the abridged life tables calculation, Malaysia, 2021-2023**



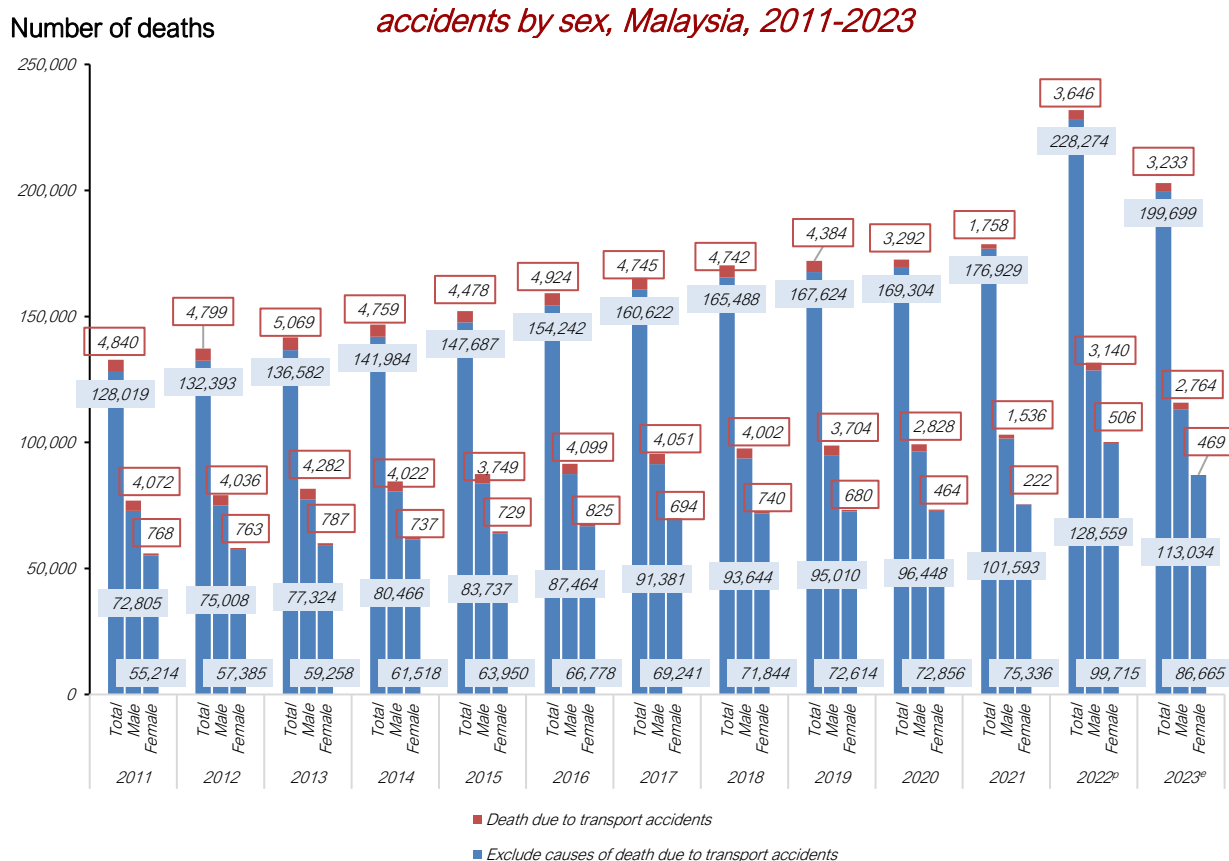
The calculation of abridged life tables considers all causes of death that occurred for the period. However, to assess the impact of transport accident deaths on life expectancy in Malaysia whether there is an increase in the number of years or vice versa, a calculation of the abridged life table **excluding** causes of death due to transport accidents at the Malaysia level for the period 2021 to 2023 was calculated.

**FINDINGS**

**Transport Accident Deaths in Malaysia for the period 2021 to 2023**

Based on the statistics of transport accident deaths by the Department of Statistics Malaysia (DOSM) for year 2021 to 2023, the number of mid-year deaths due to transport accidents increased to 3,646 in 2022 deaths as compared to 1,758 deaths in 2021 but decreased in 2023 by 3,233 deaths. The number of deaths due to transport accidents by sex showed that males outnumbered females. The number of deaths for males due to transport accidents in 2021 was 1,536 (87.4%), 3,140 deaths (86.1%) in 2022 and 2,764 deaths (85.5%) in 2023. Meanwhile, females' deaths due to transport accidents were 222 deaths in 2021 (12.6%), 506 deaths (13.9%) in 2022 and 469 deaths (14.5%) in 2023. [Chart 1]

**Chart 1: Exclude causes of death due to transport accident death due to transport accidents by sex, Malaysia, 2011-2023**



**Notes:**

<sup>a</sup> Preliminary

<sup>e</sup> Estimates

Source:

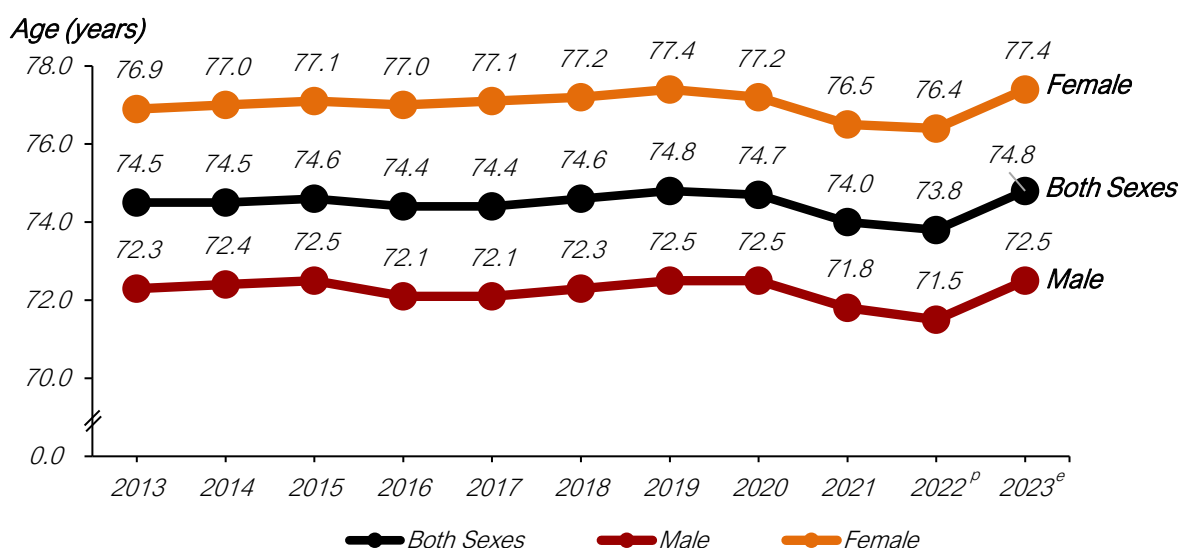
Department of Statistics Malaysia

**Comparison of life expectancy between all causes of death excluding the causes of death due to transport accidents for the period 2021-2023**

Findings of life expectancy with **all causes of death** showed a baby born in 2021 on average is expected to live up to 74.0 years, 73.8 years in 2022 and 74.8 years in 2023.

A baby girl born in 2021 and 2022 on average is expected to live up to 76.5 years and 76.4 years respectively, while a baby boy is expected to live up to 71.8 years and 71.5 years respectively for the same period. On average, a baby girl born in 2022 is expected to live until 77.4 years while a baby boy is expected to live until 72.5 years. [Chart 2]

**Chart 2: Life expectancy at birth by sex (all causes of death), Malaysia, 2013-2023**



**Notes:**

<sup>p</sup> Preliminary

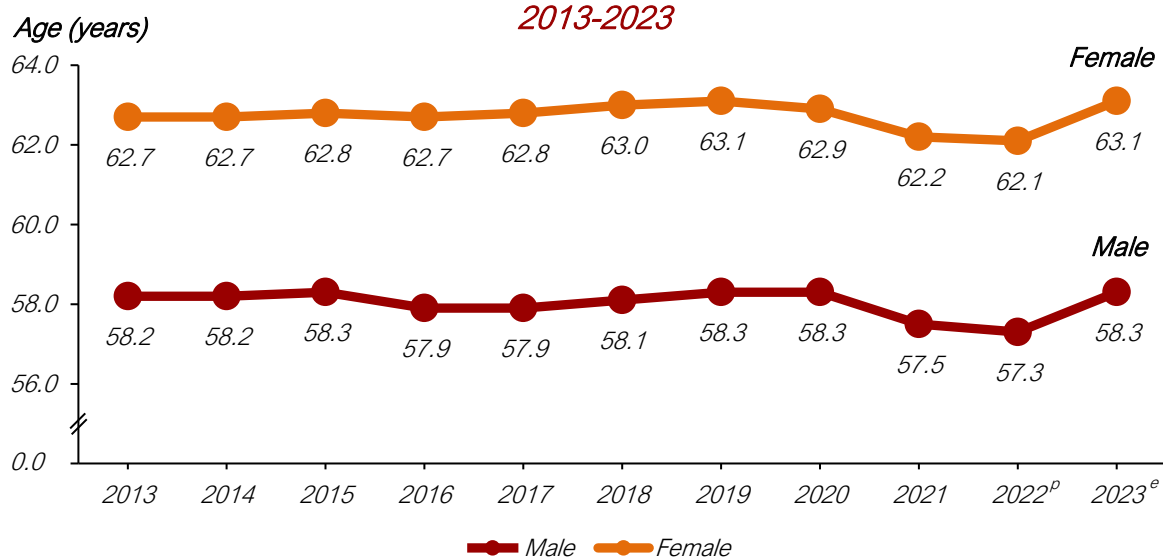
<sup>e</sup> Estimates

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 2021, 2022 and 2023 are expected to live for another 57.5 years, 57.3 years and 58.3 years respectively. Females who reach the age of 15 years in 2021, 2022 and 2023 are expected to live for another 62.2 years, 62.1 years and 63.1 years respectively.

**Chart 3: Life expectancy at the age of 15 years by sex (all causes of death), Malaysia, 2013-2023**



**Notes:**

<sup>p</sup> Preliminary

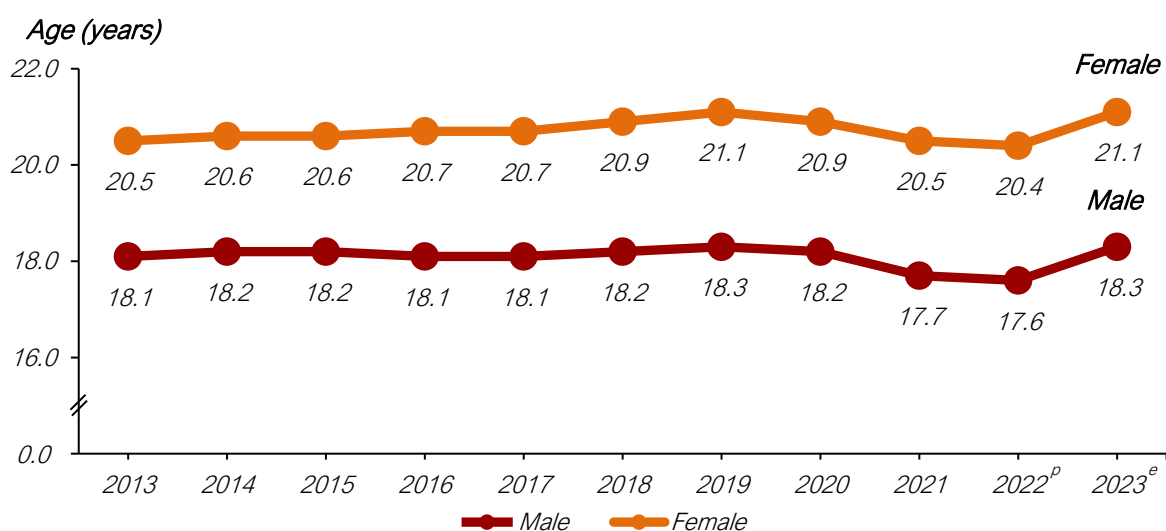
<sup>e</sup> Estimates

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 2021, 2022 and 2023 are expected to live for another 17.7 years, 17.6 years and 18.3 years respectively. Females who reach the age of 60 years in 2021, 2022 and 2023 are expected to live for another 20.5 years, 20.4 years and 21.1 years respectively.

**Chart 4: Life expectancy at the age of 60 years by sex (all causes of death), Malaysia, 2013-2023**



**Notes:**

<sup>p</sup> Preliminary

<sup>e</sup> Estimates

Source:

Department of Statistics Malaysia

To determine whether this trend of life expectancy was attributed to deaths caused by transport accidents, the calculation of the abridged life table **that excludes the number of deaths due to transport accidents** has been calculated. The inputs for 2020 to 2023 excluded the number of deaths due to transport accidents.

**Life expectancy excludes causes of death due to transport accidents**

A baby born in 2021 on average is expected to live 0.2 years longer to 74.2 years as compared to 74.0 years. On average, a baby boy born in 2021 is expected to live longer up to 72.2 years while a baby girl is expected to live up to 76.6 years. [Chart 5]

Males and females who reach the age of 15 years in 2021 are expected to live for another 57.9 years and 62.2 years, respectively. Without considering the causes of death from transport accidents in the calculation of life expectancy, life expectancy for males increased by 0.4 years while life expectancy for females remained unchanged. This indicates that males reaching the age of 15 years were expected to live up to 72.9 years and females up to 77.2 years. [Chart 6]

Males and females who reach the age of 60 years in 2021 are expected to live for another 17.8 years and 20.5 years respectively. Without considering the causes of death from transport accidents in the calculation of life expectancy, life expectancy for males increased by 0.1 years while life expectancy for females remained unchanged. [Chart 7]

Chart 5: Comparison of life expectancy at birth by sex between all causes of death and exclude causes of death due to transport accidents, Malaysia, 2021

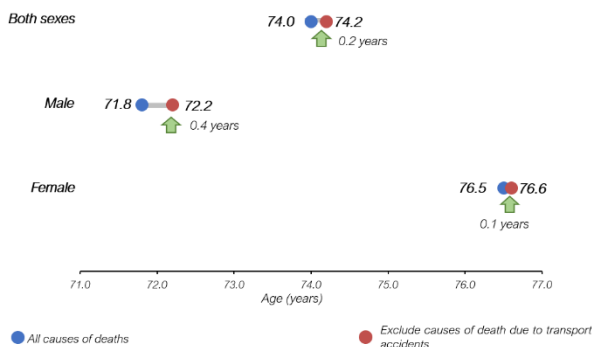


Chart 6: Comparison of life expectancy at the age of 15 years by sex between all causes of death and exclude causes of death due to transport accidents, Malaysia, 2021

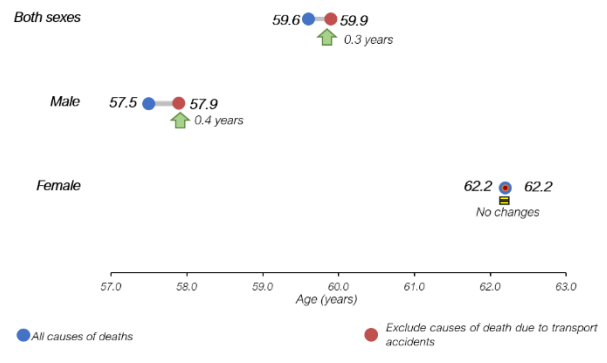
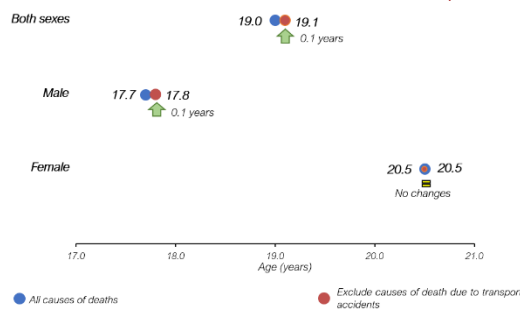


Chart 7: Comparison of life expectancy at the age of 60 years by sex between all causes of death and exclude causes of death due to transport accidents, Malaysia, 2021



Source:  
Department of Statistics Malaysia

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

**Table 1: Life expectancy at a specific age by sex, Malaysia, 2021**

Age	2021			2021			Difference (2021)		
	(All causes of death)			(Exclude causes of death due to transport accidents)			(Exclude causes of death due to transport accidents) – (All causes of death)		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
	Life expectancy at a specific age			Life expectancy at a specific age			Life expectancy at a specific age		
0	74.0	71.8	76.5	74.2	72.2	76.6	0.2	0.4	0.1
1	73.4	71.2	76.0	73.7	71.7	76.1	0.3	0.5	0.1
5	69.5	67.3	72.1	69.8	67.7	72.1	0.3	0.4	0.0
10	64.6	62.4	67.1	64.8	62.8	67.2	0.2	0.4	0.1
15	59.6	57.5	62.2	59.9	57.9	62.2	0.3	0.4	0.0
20	54.8	52.6	57.2	55.0	53.0	57.3	0.2	0.4	0.1
25	49.9	47.9	52.3	50.1	48.1	52.4	0.2	0.2	0.1
30	45.2	43.1	47.5	45.3	43.3	47.5	0.1	0.2	0.0
35	40.4	38.4	42.7	40.5	38.6	42.7	0.1	0.2	0.0
40	35.7	33.8	37.9	35.8	34.0	38.0	0.1	0.2	0.1
45	31.2	29.4	33.3	31.3	29.5	33.3	0.1	0.1	0.0
50	26.9	25.2	28.8	27.0	25.3	28.9	0.1	0.1	0.1
55	22.9	21.4	24.6	22.9	21.4	24.6	0.0	0.0	0.0
60	19.0	17.7	20.5	19.1	17.8	20.5	0.1	0.1	0.0
65	15.5	14.4	16.7	15.5	14.5	16.7	0.0	0.1	0.0
70	12.1	11.3	13.0	12.1	11.3	13.1	0.0	0.0	0.1
75	9.0	8.4	9.7	9.0	8.4	9.7	0.0	0.0	0.0
80+	6.4	5.9	6.9	6.4	6.0	6.9	0.0	0.1	0.0

Source:  
Department of Statistics Malaysia

A baby born in 2022, on average, is expected to live 0.2 years longer to 74.0 years as compared to 73.8 years. On average, a baby boy born in 2022 is expected to live longer up to 71.9 years while a baby girl is expected to live up to 76.5 years. [Chart 8]

Males and females who reach the age of 15 years are expected to live another 57.6 years and 62.1 years, respectively in the year 2022. Without considering the causes of death of transport accidents in the calculation, life expectancy for males increased by 0.3 years while life expectancy for females remained unchanged. [Chart 9]

Males and females who reach the age of 60 years in 2022 are expected to live for another 17.7 years and 20.4 years, respectively. Without considering the causes of death of transport accidents in the calculation, life expectancy for males increased by 0.1 years while life expectancy for females remained unchanged. [Chart 10]

Chart 8: Comparison of life expectancy at birth by sex between all causes of death and exclude causes of death due to transport accidents, Malaysia, 2022<sup>p</sup>

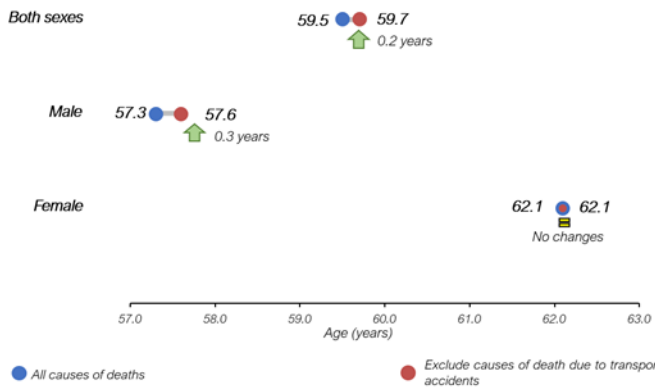


Chart 9: Comparison of life expectancy at the age of 15 years by sex between all causes of death and exclude causes of death due to transport accidents, Malaysia, 2022<sup>p</sup>

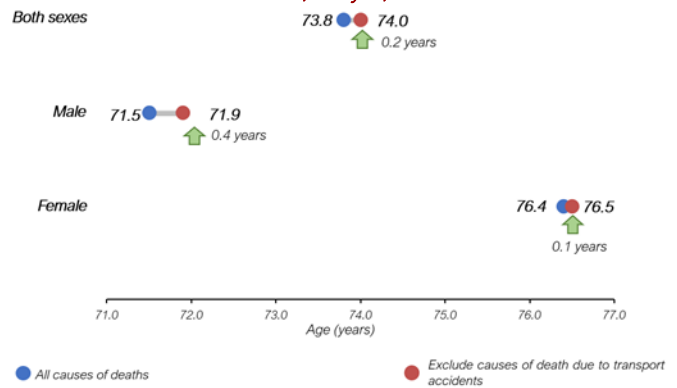
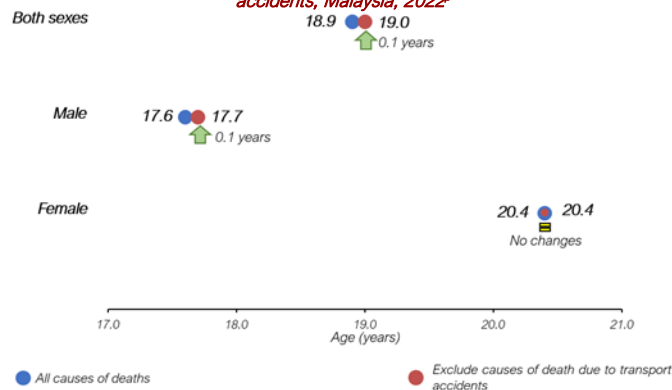


Chart 10: Comparison of life expectancy at the age of 60 years by sex between all causes of death and exclude causes of death due to transport accidents, Malaysia, 2022<sup>p</sup>



**Note:**

<sup>p</sup> Preliminary

Source:

Department of Statistics Malaysia

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

**Table 2: Life expectancy at a specific age by sex, Malaysia, 2022<sup>p</sup>**

Age	2022 <sup>p</sup>			2022 <sup>p</sup>			Difference (2022 <sup>p</sup> )		
	(All causes of death)			(Exclude causes of death due to transport accidents)			(Exclude causes of death due to transport accidents) – (All causes of death)		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
	Life expectancy at a specific age			Life expectancy at a specific age			Life expectancy at a specific age		
0	73.8	71.5	76.4	74.0	71.9	76.5	0.2	0.4	0.1
1	73.3	71.0	75.9	73.5	71.4	75.9	0.2	0.4	0.0
5	69.4	67.1	72.0	69.6	67.5	72.0	0.2	0.4	0.0
10	64.4	62.2	67.0	64.6	62.5	67.1	0.2	0.3	0.1
15	59.5	57.3	62.1	59.7	57.6	62.1	0.2	0.3	0.0
20	54.6	52.5	57.1	54.8	52.7	57.2	0.2	0.2	0.1
25	49.8	47.7	52.2	49.9	47.9	52.3	0.1	0.2	0.1
30	45.0	42.9	47.4	45.1	43.1	47.4	0.1	0.2	0.0
35	40.3	38.3	42.6	40.4	38.4	42.6	0.1	0.1	0.0
40	35.6	33.7	37.8	35.7	33.8	37.9	0.1	0.1	0.1
45	31.1	29.2	33.2	31.2	29.3	33.2	0.1	0.1	0.0
50	26.8	25.1	28.8	26.9	25.2	28.8	0.1	0.1	0.0
55	22.7	21.2	24.5	22.8	21.3	24.5	0.1	0.1	0.0
60	18.9	17.6	20.4	19.0	17.7	20.4	0.1	0.1	0.0
65	15.4	14.3	16.6	15.4	14.3	16.6	0.0	0.0	0.0
70	12.1	11.2	13.0	12.1	11.2	13.0	0.0	0.0	0.0
75	9.0	8.3	9.7	9.0	8.4	9.7	0.0	0.1	0.0
80+	6.3	5.9	6.9	6.4	5.9	6.9	0.1	0.0	0.0

**Note:**

<sup>p</sup> Preliminary

Source:

Department of Statistics Malaysia

Assuming no death attributable to transport accidents, a baby born in 2023 on average is expected to live 0.2 years longer to 75.0 years as compared to 74.8 years. On average, a baby boy born in 2023 is expected to live longer up to 72.9 years whereas a baby girl is expected to live up to 77.5 years. [Chart 11]

Males and females who reach the age of 15 years in 2023 are expected to live another 58.7 years and 63.2 years, respectively. Assuming no deaths attributable to transport accidents, life expectancy for males, increased by 0.4 years and females, 0.1 years. [Chart 12]

Males and females who reach the age of 60 years in 2023 are expected to live for another 18.4 years and 21.1 years, respectively. Without considering the causes of death of transport accidents in the calculation, life expectancy for males increased by 0.1 years while life expectancy for females remained unchanged. [Chart 13]

Chart 11: Comparison of life expectancy at birth by sex between all causes of death and exclude causes of death due to transport accidents, Malaysia, 2023<sup>e</sup>

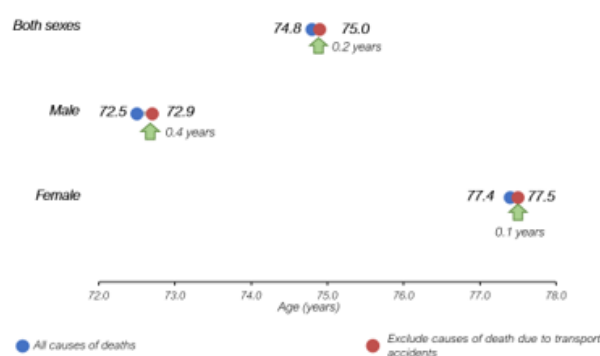


Chart 12: Comparison of life expectancy at the age of 15 years by sex between all causes of death and exclude causes of death due to transport accidents, Malaysia, 2023<sup>e</sup>

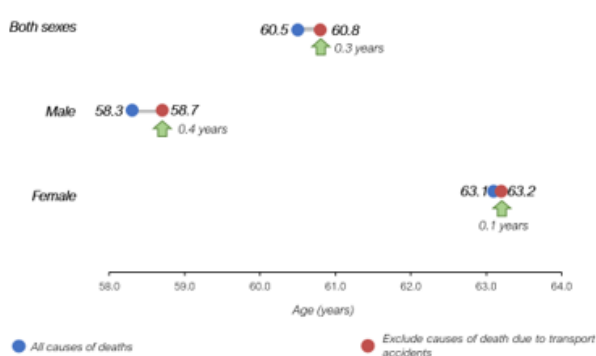
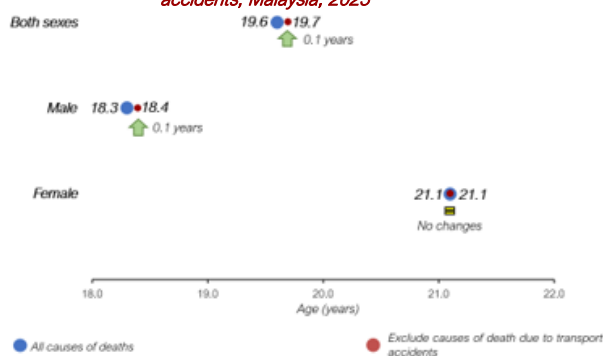


Chart 13: Comparison of life expectancy at the age of 60 years by sex between all causes of death and exclude causes of death due to transport accidents, Malaysia, 2023<sup>e</sup>



**Note:**

<sup>e</sup> Estimates

Source:

Department of Statistics Malaysia

Details of life expectancy according to age specific by sex for 2023 as shown below.

**Table 3: Life expectancy at a specific age by sex, Malaysia, 2023<sup>e</sup>**

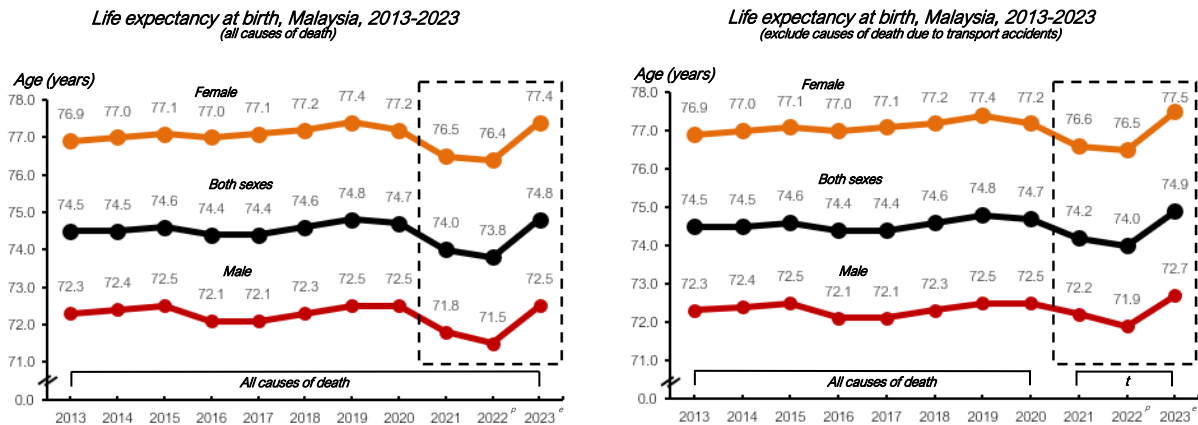
Age	2023 <sup>e</sup>			2023 <sup>e</sup>			Difference (2023 <sup>e</sup> )		
	(All causes of death)			(Exclude causes of death due to transport accidents)			(Exclude causes of death due to transport accidents) – (All causes of death)		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
	Life expectancy at a specific age			Life expectancy at a specific age			Life expectancy at a specific age		
0	74.8	72.5	77.4	75.0	72.9	77.5	0.2	0.4	0.1
1	74.3	72.0	76.9	74.5	72.4	76.9	0.2	0.4	0.0
5	70.4	68.2	73.0	70.6	68.5	73.0	0.2	0.3	0.0
10	65.4	63.2	68.0	65.7	63.6	68.1	0.3	0.4	0.1
15	60.5	58.3	63.1	60.8	58.7	63.2	0.3	0.4	0.1
20	55.7	53.5	58.2	55.9	53.8	58.2	0.2	0.3	0.0
25	50.9	48.8	53.3	51.0	49.0	53.3	0.1	0.2	0.0
30	46.0	44.0	48.4	46.2	44.2	48.5	0.2	0.2	0.1
35	41.3	39.3	43.6	41.4	39.4	43.6	0.1	0.1	0.0
40	36.6	34.7	38.8	36.7	34.8	38.8	0.1	0.1	0.0
45	32.0	30.2	34.1	32.1	30.3	34.1	0.1	0.1	0.0
50	27.6	25.9	29.6	27.7	26.0	29.6	0.1	0.1	0.0
55	23.5	22.0	25.2	23.6	22.0	25.3	0.1	0.0	0.1
60	19.6	18.3	21.1	19.7	18.4	21.1	0.1	0.1	0.0
65	16.0	14.9	17.2	16.0	14.9	17.2	0.0	0.0	0.0
70	12.6	11.7	13.5	12.6	11.7	13.5	0.0	0.0	0.0
75	9.4	8.7	10.1	9.4	8.7	10.1	0.0	0.0	0.0
80+	6.6	6.1	7.1	6.6	6.2	7.1	0.0	0.1	0.0

**Note:**  
<sup>e</sup> Estimates

Source:  
Department of Statistics Malaysia

Overall, the study shows that a comparison of life expectancy at birth between all causes of death and excludes causes of death due to transport accidents, a person is expected to live longer in the period 2021 to 2023 if the calculation of life expectancy excludes causes of death due to transport accidents.

**Chart 14: Comparison of life expectancy at birth between all causes of death and exclude causes of death due to transport accidents, Malaysia, 2013-2023**



**Notes:**  
<sup>p</sup> Preliminary  
<sup>e</sup> Estimates  
<sup>†</sup> Exclude causes of death due to transport accidents

Source:  
 Department of Statistics Malaysia

**CONCLUSION**

This study provides the first assessment of the potential impact of the causes of death of transport accidents on life expectancy by comparing the scenarios of life expectancy with all causes of death and life expectancy excluding death due to transport accidents at the Malaysia level. The results showed if no deaths due to transport accidents occur for the period 2020 to 2023, a person is expected to live longer.

**DISCLAIMER**

The view expressed in this article are those of the authors and do not necessarily represent the views of DOSM.

## REFERENCES

- Kareem A. (2003). Review of global menace of road accidents with special reference to malaysia- a social perspective. *The Malaysian journal of medical sciences* : MJMS, 10(2), 31–39. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3561885/>
- Ashraf I, Hur S, Shafiq M, Park Y (2019) Catastrophic factors involved in road accidents: Underlying causes and descriptive analysis. *PloS ONE* 14(10): e0223473. <https://doi.org/10.1371/journal.pone.0223473>
- Cobb, R. W., & Coughlin, J. F. (2004). *Transportation policy for an aging society: Keeping older Americans on the move*. In *Transportation Research Board Conference Proceedings* (No. 27).
- Khatibi SR, Dinpanah H, Maajani K, et al (2020). The burden of road traffic injuries in the northeast of Iran: the result of a populationbased registry. *J Inj Violence Res*, 12(1): 63–72. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7001612/>
- Shavaleh, R., Motevalian, S. A., Mahdavi, N., Haddadi, M., Mohaghegh, M. R., & Hamed, Z. (2018). Epidemiological study of hospitalized road traffic injuries in Iran 2011. *Medical journal of the Islamic Republic of Iran*, 32, 50. <https://doi.org/10.14196/mjiri.32.50>
- World Health Organization (WHO). *Road Traffic Injuries; 2022*. <https://www.who.int/news-room/fact-sheets/detail/road-traffic-injuries>
- Department of Statistics Malaysia (2023). *Estimating deaths due to transport accidents in Malaysia*
- Department of Statistics Malaysia (various years). *Vital Statistics, Malaysia*
- Department of Statistics Malaysia (various years). *Statistics on Causes of Death, Malaysia*
- Department of Statistics Malaysia (various years). *Current Population Estimates, Malaysia*

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# JADUAL RINGKASAN

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## *SUMMARY TABLES*



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**Jadual 1.1: Jangkaan hayat ketika lahir mengikut jantina dan negeri, Malaysia, 2017-2023**

Table 1.1: Life expectancy at birth by sex and state, Malaysia, 2017-2023

Negeri State	2017	2018	2019	2020	2021	2022 <sup>p</sup>	2023 <sup>e</sup>
<b>Lelaki dan Perempuan</b>							
<i>Both sexes</i>							
<b>Malaysia</b>	<b>74.4</b>	<b>74.6</b>	<b>74.8</b>	<b>74.7</b>	<b>74.0</b>	<b>73.8</b>	<b>74.8</b>
Johor	74.1	74.3	74.4	74.3	73.6	73.6	74.6
Kedah	73.0	73.1	73.4	73.1	72.2	71.7	72.7
Kelantan	72.2	72.4	72.6	72.2	71.6	71.3	72.0
Melaka	74.5	74.7	74.9	74.0	73.1	72.9	73.8
Negeri Sembilan	73.4	73.5	73.8	73.3	73.1	72.9	73.7
Pahang	73.4	73.6	73.9	72.9	72.6	72.5	72.6
Perak	73.9	74.0	74.2	73.7	73.3	73.1	73.3
Perlis	72.0	72.0	72.0	72.8	72.4	71.9	71.4
Pulau Pinang	74.9	75.2	75.5	74.2	73.7	73.5	74.4
Sabah	74.2	74.2	74.2	74.3	73.4	73.1	74.1
Sarawak	76.2	76.4	76.3	75.1	74.5	74.2	74.9
Selangor	75.1	75.4	75.7	77.4	76.4	76.4	78.1
Terengganu	71.8	72.1	72.2	71.7	71.3	71.0	71.2
W.P. Kuala Lumpur	76.5	76.7	76.9	76.4	75.1	75.0	76.5
W.P. Labuan	77.3	77.6	77.6	75.4	74.5	74.1	76.1
W.P. Putrajaya	72.2	73.3	73.8	74.5	74.6	74.5	75.3
<b>Lelaki</b>							
<i>Male</i>							
<b>Malaysia</b>	<b>72.1</b>	<b>72.3</b>	<b>72.5</b>	<b>72.5</b>	<b>71.8</b>	<b>71.5</b>	<b>72.5</b>
Johor	71.8	72.0	72.1	72.1	71.5	71.5	72.5
Kedah	70.3	70.4	70.7	70.4	69.6	69.1	69.9
Kelantan	69.3	69.6	69.7	69.6	69.0	68.8	69.5
Melaka	71.8	72.0	72.2	71.8	70.8	70.5	71.3
Negeri Sembilan	70.5	70.6	70.9	70.4	70.7	70.3	71.0
Pahang	71.0	71.2	71.5	70.7	70.4	70.1	70.2
Perak	71.0	71.1	71.3	71.1	70.6	70.2	70.4
Perlis	69.4	69.2	69.3	70.2	69.6	68.9	68.4
Pulau Pinang	72.3	72.6	72.9	72.0	71.3	71.1	71.9
Sabah	72.5	72.6	72.5	72.6	71.7	71.3	72.2
Sarawak	74.4	74.6	74.5	72.9	72.1	71.8	72.6
Selangor	73.1	73.4	73.6	75.5	74.4	74.4	76.1
Terengganu	69.1	69.4	69.6	69.1	68.9	68.8	69.2
W.P. Kuala Lumpur	74.4	74.5	74.6	74.1	72.8	72.7	74.4
W.P. Labuan	76.0	76.2	76.3	73.6	72.9	72.4	75.2
W.P. Putrajaya	71.7	72.8	72.5	72.2	71.6	71.8	73.3

Nota: <sup>p</sup> Permulaan

Notes: Preliminary

<sup>e</sup> Anggaran

Estimates

2017-2019: Berdasarkan Banci Penduduk dan Perumahan Malaysia 2010 (Banci 2010)  
Based on Population and Housing Census of Malaysia 2010 (Census 2010)

2020-2023: 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, 2017-2023 (samb.)**

Table 1.1: Life expectancy at birth by sex and state, Malaysia, 2017-2023 (cont'd)

Negeri State	2017	2018	2019	2020	2021	2022 <sup>p</sup>	2023 <sup>e</sup>
<b>Perempuan</b>							
<i>Female</i>							
<b>Malaysia</b>	<b>77.1</b>	<b>77.2</b>	<b>77.4</b>	<b>77.2</b>	<b>76.5</b>	<b>76.4</b>	<b>77.4</b>
Johor	76.9	77.1	77.3	76.9	76.2	76.1	77.2
Kedah	76.0	76.2	76.4	76.1	75.0	74.6	75.8
Kelantan	75.2	75.5	75.8	75.1	74.3	73.9	74.8
Melaka	77.5	77.6	77.8	76.4	75.6	75.5	76.5
Negeri Sembilan	76.8	76.9	77.0	76.4	75.9	76.0	76.9
Pahang	76.3	76.4	76.6	75.7	75.4	75.4	75.4
Perak	77.2	77.3	77.4	76.7	76.4	76.3	76.7
Perlis	74.8	74.8	74.9	75.6	75.4	75.1	74.3
Pulau Pinang	77.7	78.0	78.2	76.7	76.3	76.3	77.2
Sabah	76.3	76.1	76.3	76.4	75.5	75.1	76.3
Sarawak	78.2	78.4	78.4	77.6	77.2	77.0	77.6
Selangor	77.4	77.7	78.0	79.6	78.7	78.7	80.3
Terengganu	74.9	75.2	75.2	74.6	73.9	73.5	73.3
W.P. Kuala Lumpur	79.0	79.3	79.5	79.1	77.8	77.7	79.1
W.P. Labuan	78.7	79.0	79.0	77.3	76.2	75.9	77.2
W.P. Putrajaya	72.6	73.5	74.5	76.7	77.6	77.2	77.7
<b>Nota:</b>	<sup>p</sup> <b>Permulaan</b>	<sup>e</sup> <b>Anggaran</b>					
<i>Notes:</i>	<i>Preliminary</i>	<i>Estimates</i>					
<b>2017-2019:</b>	<b>Berdasarkan Banci Penduduk dan Perumahan Malaysia 2010 (Banci 2010)</b>						
	<i>Based on Population and Housing Census of Malaysia 2010 (Census 2010)</i>						
<b>2020-2023:</b>	<b>Berdasarkan Banci Penduduk dan Perumahan Malaysia 2020 (Banci 2020)</b>						
	<i>Based on Population and Housing Census of Malaysia 2020 (Census 2020)</i>						

Jadual 1.2: Jangkaan hayat ketika lahir mengikut jantina dan kumpulan etnik, Malaysia, 1991-2023

Table 1.2: Life expectancy at birth by sex and ethnic group, Malaysia, 1991-2023

Tahun Year	Jumlah Total	Warganegara Citizen						Bukan Warganegara Non-citizen
		Jumlah <sup>1</sup> Total <sup>1</sup>	Bumiputera			Cina Chinese	India Indians	
			Jumlah Total	Melayu Malay	Bumiputera Lain Other Bumiputera			
<b>Lelaki dan Perempuan</b>								
<i>Both sexes</i>								
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	74.0	73.7	73.2	73.2	73.1	76.2	70.7	77.3
2022 <sup>p</sup>	73.8	73.5	73.0	73.0	72.8	76.3	70.6	76.9
2023 <sup>e</sup>	74.8	74.3	73.8	73.8	73.5	77.0	71.4	81.1

Nota:

Notes:

<sup>1</sup>Termasuk etnik Lain-lain

Includes Others

<sup>p</sup> Permulaan

Preliminary

<sup>e</sup> Anggaran

Estimates

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

2020-2023: 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, 1991-2023 (samb.)

Table 1.2: Life expectancy at birth by sex and ethnic group, Malaysia, 1991-2023 (cont'd)

Tahun Year	Jumlah Total	Warganegara Citizen						Bukan Warganegara Non-citizen
		Jumlah <sup>1</sup> Total <sup>1</sup>	Bumiputera			Cina Chinese	India Indians	
			Jumlah Total	Melayu Malay	Bumiputera Lain Other Bumiputera			
<b>Lelaki</b>								
<i>Male</i>								
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	71.8	71.3	71.0	71.0	71.1	73.6	67.2	77.4
2022 <sup>p</sup>	71.5	71.1	70.8	70.8	70.7	73.6	67.0	77.0
2023 <sup>e</sup>	72.5	71.8	71.5	71.5	71.4	74.4	67.6	80.7

Nota:

Notes:

<sup>1</sup>Termasuk etnik Lain-lain

Includes Others

<sup>p</sup> Permulaan

Preliminary

<sup>e</sup> Anggaran

Estimates

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

2020-2023: 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, 1991-2023 (samb.)

Table 1.2: Life expectancy at birth by sex and ethnic group, Malaysia, 1991-2023 (cont'd)

Tahun Year	Jumlah Total	Warganegara Citizen						Bukan Warganegara Non-citizen
		Jumlah <sup>1</sup> Total <sup>1</sup>	Bumiputera			Cina Chinese	India Indians	
			Jumlah Total	Melayu Malay	Bumiputera Lain Other Bumiputera			
<b>Perempuan</b>								
<i>Female</i>								
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	76.5	76.4	75.6	75.7	75.3	79.4	74.7	76.8
2022 <sup>p</sup>	76.4	76.3	75.5	75.5	75.0	79.5	74.7	76.6
2023 <sup>e</sup>	77.4	77.2	76.3	76.4	75.9	80.2	75.9	81.7

Nota:  
Notes:

<sup>1</sup>Termasuk etnik Lain-lain  
Includes Others

<sup>p</sup> Permulaan  
Preliminary

<sup>e</sup> Anggaran  
Estimates

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

2020-2023: 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, 2021**

Table 1.3: Life expectancy by sex, age and ethnic group, Malaysia, 2021

Umur <i>Age</i>	Jumlah <sup>1</sup> <i>Total<sup>1</sup></i>	Bumiputera			Cina <i>Chinese</i>	India <i>Indians</i>
		Jumlah <i>Total</i>	Melayu <i>Malay</i>	Bumiputera Lain <i>Other Bumiputera</i>		
<b>Lelaki</b> <i>Male</i>						
0	71.8	71.0	71.0	71.1	73.6	67.2
1	71.2	70.5	70.5	70.7	73.0	66.7
5	67.3	66.6	66.6	66.9	69.0	62.7
10	62.4	61.7	61.6	62.0	64.0	57.8
15	57.5	56.8	56.7	57.1	59.1	52.8
20	52.6	52.0	51.9	52.3	54.2	48.1
25	47.9	47.3	47.2	47.7	49.3	43.5
30	43.1	42.6	42.5	43.1	44.5	39.0
35	38.4	38.0	37.9	38.5	39.7	34.6
40	33.8	33.5	33.3	34.0	35.0	30.3
45	29.4	29.1	29.0	29.9	30.4	26.2
50	25.2	25.0	24.9	25.9	26.0	22.5
55	21.4	21.2	21.1	22.1	21.8	19.2
60	17.7	17.7	17.5	18.5	17.8	16.0
65	14.4	14.4	14.3	15.1	14.1	13.3
70	11.3	11.3	11.2	11.7	10.9	10.7
75	8.4	8.4	8.3	8.6	8.2	8.2
80+	5.9	5.9	5.9	6.1	6.0	5.4
<b>Perempuan</b> <i>Female</i>						
0	76.5	75.6	75.7	75.3	79.4	74.7
1	76.0	75.1	75.2	74.9	78.7	74.0
5	72.1	71.2	71.3	71.1	74.7	70.1
10	67.1	66.3	66.3	66.2	69.7	65.1
15	62.2	61.3	61.4	61.3	64.8	60.1
20	57.2	56.4	56.4	56.4	59.8	55.2
25	52.3	51.6	51.6	51.5	54.9	50.4
30	47.5	46.7	46.7	46.7	50.0	45.5
35	42.7	41.9	41.9	41.9	45.1	40.8
40	37.9	37.2	37.2	37.3	40.2	36.1
45	33.3	32.6	32.6	32.7	35.4	31.5
50	28.8	28.2	28.2	28.4	30.7	27.2
55	24.6	24.0	24.0	24.2	26.2	23.0
60	20.5	20.0	20.0	20.2	21.7	19.1
65	16.7	16.3	16.3	16.4	17.5	15.6
70	13.0	12.8	12.8	12.8	13.6	12.4
75	9.7	9.5	9.5	9.5	10.1	9.4
80+	6.9	6.7	6.7	6.7	7.3	6.5

**Nota:** <sup>1</sup>Termasuk etnik Lain-lain (warganegara) dan bukan warganegara

*Note:* Includes Others (citizens) and non-citizens

**Jadual 1.4: Jangkaan hayat mengikut jantina, umur dan kumpulan etnik, Malaysia, 2022<sup>P</sup>**

Table 1.4: Life expectancy by sex, age and ethnic group, Malaysia, 2022<sup>P</sup>

Umur <i>Age</i>	Jumlah <sup>1</sup> <i>Total<sup>1</sup></i>	Bumiputera			Cina <i>Chinese</i>	India <i>Indians</i>
		Jumlah <i>Total</i>	Melayu <i>Malay</i>	Bumiputera Lain <i>Other Bumiputera</i>		
<b>Lelaki</b> <i>Male</i>						
0	71.5	70.8	70.8	70.7	73.6	67.0
1	71.0	70.3	70.3	70.4	73.0	66.4
5	67.1	66.4	66.4	66.6	69.0	62.5
10	62.2	61.5	61.4	61.7	64.1	57.6
15	57.3	56.6	56.5	56.8	59.1	52.6
20	52.5	51.8	51.7	52.0	54.2	47.8
25	47.7	47.1	47.0	47.3	49.3	43.2
30	42.9	42.4	42.3	42.7	44.5	38.7
35	38.3	37.8	37.7	38.2	39.7	34.3
40	33.7	33.3	33.2	33.7	34.9	30.0
45	29.2	28.9	28.8	29.5	30.3	25.9
50	25.1	24.9	24.7	25.5	26.0	22.2
55	21.2	21.0	20.9	21.8	21.8	19.0
60	17.6	17.5	17.4	18.2	17.8	15.9
65	14.3	14.3	14.2	14.9	14.1	13.1
70	11.2	11.2	11.2	11.5	10.9	10.5
75	8.3	8.3	8.3	8.5	8.2	8.1
80+	5.9	5.9	5.8	6.0	6.0	5.4
<b>Perempuan</b> <i>Female</i>						
0	76.4	75.5	75.5	75.0	79.5	74.7
1	75.9	74.9	75.0	74.7	78.8	74.1
5	72.0	71.0	71.1	70.9	74.8	70.1
10	67.0	66.1	66.1	65.9	69.8	65.2
15	62.1	61.2	61.2	61.0	64.9	60.2
20	57.1	56.3	56.3	56.1	59.9	55.3
25	52.2	51.4	51.4	51.3	55.0	50.5
30	47.4	46.5	46.6	46.5	50.1	45.6
35	42.6	41.8	41.8	41.7	45.2	40.9
40	37.8	37.0	37.0	37.0	40.3	36.2
45	33.2	32.5	32.5	32.5	35.5	31.6
50	28.8	28.1	28.0	28.2	30.8	27.2
55	24.5	23.9	23.9	24.0	26.3	23.1
60	20.4	19.9	19.9	20.0	21.8	19.2
65	16.6	16.2	16.2	16.2	17.5	15.6
70	13.0	12.7	12.8	12.6	13.6	12.4
75	9.7	9.5	9.5	9.3	10.2	9.5
80+	6.9	6.7	6.7	6.6	7.3	6.5

**Nota:** <sup>1</sup>Termasuk etnik Lain-lain (warganegara) dan bukan warganegara  
*Notes: Includes Others (citizens) and non-citizens*

<sup>P</sup> Permulaan  
*Preliminary*

**Jadual 1.5: Jangkaan hayat mengikut jantina, umur dan kumpulan etnik, Malaysia, 2023<sup>e</sup>**

Table 1.5: Life expectancy by sex, age and ethnic group, Malaysia, 2023<sup>e</sup>

Umur <i>Age</i>	Jumlah <sup>1</sup> <i>Total<sup>1</sup></i>	Bumiputera			Cina <i>Chinese</i>	India <i>Indians</i>
		Jumlah <i>Total</i>	Melayu <i>Malay</i>	Bumiputera Lain <i>Other Bumiputera</i>		
<b>Lelaki</b> <i>Male</i>						
0	72.5	71.5	71.5	71.4	74.4	67.6
1	72.0	71.1	71.1	71.1	73.7	67.1
5	68.2	67.2	67.2	67.3	69.8	63.2
10	63.2	62.3	62.3	62.4	64.8	58.3
15	58.3	57.4	57.4	57.5	59.9	53.3
20	53.5	52.6	52.6	52.7	54.9	48.5
25	48.8	48.0	47.9	48.0	50.1	44.0
30	44.0	43.3	43.2	43.4	45.3	39.5
35	39.3	38.6	38.6	38.9	40.5	35.1
40	34.7	34.1	34.1	34.4	35.7	30.8
45	30.2	29.7	29.6	30.1	31.1	26.7
50	25.9	25.6	25.5	26.2	26.7	23.0
55	22.0	21.7	21.5	22.4	22.5	19.6
60	18.3	18.1	18.0	18.8	18.5	16.4
65	14.9	14.8	14.6	15.4	14.7	13.5
70	11.7	11.7	11.6	12.0	11.4	10.9
75	8.7	8.6	8.6	8.8	8.6	8.3
80+	6.1	6.0	6.0	6.2	6.2	5.5
<b>Perempuan</b> <i>Female</i>						
0	77.4	76.3	76.4	75.9	80.2	75.9
1	76.9	75.8	75.8	75.5	79.4	75.2
5	73.0	71.9	72.0	71.7	75.5	71.3
10	68.0	67.0	67.0	66.8	70.5	66.4
15	63.1	62.0	62.1	61.8	65.6	61.5
20	58.2	57.1	57.2	56.9	60.6	56.5
25	53.3	52.3	52.3	52.1	55.7	51.7
30	48.4	47.4	47.5	47.3	50.8	46.8
35	43.6	42.6	42.6	42.4	45.9	42.1
40	38.8	37.9	37.9	37.7	41.0	37.3
45	34.1	33.2	33.3	33.1	36.2	32.6
50	29.6	28.8	28.8	28.8	31.5	28.2
55	25.2	24.5	24.5	24.6	26.9	24.0
60	21.1	20.5	20.5	20.5	22.4	20.0
65	17.2	16.7	16.7	16.7	18.1	16.3
70	13.5	13.2	13.2	13.0	14.1	13.0
75	10.1	9.8	9.8	9.6	10.6	10.0
80+	7.1	6.9	6.9	6.8	7.5	6.8

Nota: <sup>1</sup> Termasuk etnik Lain-lain (warganegara) dan bukan warganegara  
Notes: Includes Others (citizens) and non-citizens

<sup>e</sup> Anggaran  
Estimates

**Jadual 1.6: Penakat mengikut jantina dan umur, Malaysia, 2021-2023**

Table 1.6: Survivors by sex and age, Malaysia, 2021-2023

Umur Age	2021	2022 <sup>p</sup>	2023 <sup>e</sup>
<b>Lelaki</b> <i>Male</i>			
0	100,000	100,000	100,000
1	99,341	99,311	99,277
5	99,200	99,171	99,109
10	99,113	99,081	99,005
15	98,993	98,964	98,874
20	98,664	98,632	98,504
25	98,199	98,162	98,039
30	97,652	97,615	97,550
35	96,937	96,885	96,891
40	95,869	95,778	95,901
45	94,147	94,064	94,385
50	91,326	91,182	91,852
55	87,030	86,874	87,958
60	81,125	80,757	82,314
65	73,094	72,711	74,800
70	63,264	62,620	65,297
75	50,865	50,246	53,620
80+	35,492	34,856	38,479
<b>Perempuan</b> <i>Female</i>			
0	100,000	100,000	100,000
1	99,426	99,413	99,420
5	99,308	99,290	99,278
10	99,242	99,224	99,197
15	99,155	99,131	99,091
20	99,029	99,001	98,951
25	98,836	98,808	98,769
30	98,541	98,512	98,512
35	98,140	98,102	98,144
40	97,533	97,484	97,622
45	96,509	96,463	96,782
50	94,866	94,787	95,367
55	92,296	92,206	93,090
60	88,614	88,457	89,761
65	83,122	82,933	84,707
70	75,817	75,458	77,808
75	65,487	65,014	68,002
80+	50,344	50,053	53,817

Nota: <sup>p</sup> Permulaan  
Notes: Preliminary

<sup>e</sup> Anggaran  
Estimates

**Jadual 1.7: Penakat mengikut jantina, umur dan kumpulan etnik, Malaysia, 2021**

Table 1.7: Survivors by sex, age and ethnic group, Malaysia, 2021

Umur Age	Jumlah <sup>1</sup> Total <sup>1</sup>	Bumiputera			Cina Chinese	India Indians
		Jumlah Total	Melayu Malay	Bumiputera Lain Other Bumiputera		
<b>Lelaki</b>						
<i>Male</i>						
0	100,000	100,000	100,000	100,000	100,000	100,000
1	99,341	99,291	99,327	99,094	99,560	99,360
5	99,200	99,117	99,173	98,820	99,504	99,262
10	99,113	99,015	99,079	98,672	99,456	99,210
15	98,993	98,867	98,936	98,504	99,413	99,109
20	98,664	98,489	98,553	98,148	99,257	98,654
25	98,199	97,912	97,996	97,480	98,989	97,661
30	97,652	97,184	97,294	96,643	98,620	96,516
35	96,937	96,274	96,417	95,579	98,144	95,105
40	95,869	95,013	95,186	94,175	97,415	93,075
45	94,147	93,044	93,293	91,823	96,190	90,002
50	91,326	89,920	90,204	88,533	94,112	85,284
55	87,030	85,405	85,647	84,215	90,848	78,691
60	81,125	79,311	79,455	78,583	86,274	70,812
65	73,094	71,158	71,122	71,310	79,629	60,706
70	63,264	61,538	61,125	63,472	68,876	49,706
75	50,865	49,691	49,190	52,183	54,290	38,002
80+	35,492	34,747	34,190	37,409	36,478	27,343
<b>Perempuan</b>						
<i>Female</i>						
0	100,000	100,000	100,000	100,000	100,000	100,000
1	99,426	99,375	99,405	99,207	99,644	99,559
5	99,308	99,233	99,282	98,970	99,593	99,461
10	99,242	99,155	99,216	98,826	99,561	99,412
15	99,155	99,054	99,121	98,701	99,514	99,351
20	99,029	98,911	98,986	98,518	99,454	99,190
25	98,836	98,690	98,776	98,249	99,346	98,930
30	98,541	98,349	98,444	97,872	99,176	98,593
35	98,140	97,891	97,996	97,371	98,981	98,062
40	97,533	97,194	97,314	96,598	98,671	97,321
45	96,509	96,028	96,175	95,305	98,093	96,078
50	94,866	94,181	94,363	93,296	97,166	93,959
55	92,296	91,312	91,490	90,445	95,678	90,802
60	88,614	87,272	87,418	86,568	93,401	86,136
65	83,122	81,163	81,242	80,804	90,020	79,173
70	75,817	73,420	73,363	73,798	83,774	69,591
75	65,487	62,968	62,935	63,195	73,631	57,858
80+	50,344	47,945	47,980	47,830	57,199	44,296

Nota: <sup>1</sup> Termasuk etnik Lain-lain (warganegara) dan bukan warganegara

Note: Includes Others (citizens) and non-citizens

**Jadual 1.8: Penakat mengikut jantina, umur dan kumpulan etnik, Malaysia, 2022<sup>P</sup>**

Table 1.8: Survivors by sex, age and ethnic group, Malaysia, 2022<sup>P</sup>

Umur Age	Jumlah <sup>1</sup> Total <sup>1</sup>	Bumiputera			Cina Chinese	India Indians
		Jumlah Total	Melayu Malay	Bumiputera Lain Other Bumiputera		
<b>Lelaki</b>						
<i>Male</i>						
0	100,000	100,000	100,000	100,000	100,000	100,000
1	99,311	99,262	99,301	99,030	99,546	99,297
5	99,171	99,097	99,151	98,787	99,482	99,174
10	99,081	98,989	99,051	98,641	99,437	99,108
15	98,964	98,845	98,912	98,471	99,398	99,033
20	98,632	98,451	98,510	98,116	99,255	98,629
25	98,162	97,861	97,935	97,454	98,999	97,688
30	97,615	97,139	97,241	96,610	98,627	96,573
35	96,885	96,212	96,354	95,503	98,176	95,117
40	95,778	94,898	95,065	94,072	97,459	93,039
45	94,064	92,950	93,194	91,740	96,279	89,951
50	91,182	89,754	90,052	88,286	94,194	85,148
55	86,874	85,209	85,504	83,766	90,992	78,354
60	80,757	78,889	79,076	77,946	86,215	70,243
65	72,711	70,687	70,733	70,441	79,668	60,280
70	62,620	60,676	60,326	62,275	69,087	48,899
75	50,246	49,027	48,580	51,206	54,179	36,990
80+	34,856	34,025	33,592	36,126	36,322	26,375
<b>Perempuan</b>						
<i>Female</i>						
0	100,000	100,000	100,000	100,000	100,000	100,000
1	99,413	99,367	99,400	99,173	99,653	99,512
5	99,290	99,221	99,273	98,923	99,600	99,419
10	99,224	99,144	99,205	98,796	99,566	99,354
15	99,131	99,037	99,102	98,675	99,517	99,275
20	99,001	98,891	98,964	98,492	99,449	99,124
25	98,808	98,669	98,754	98,216	99,341	98,870
30	98,512	98,326	98,416	97,853	99,174	98,513
35	98,102	97,861	97,955	97,372	98,971	97,987
40	97,484	97,154	97,265	96,582	98,663	97,222
45	96,463	95,991	96,128	95,295	98,099	96,022
50	94,787	94,085	94,274	93,148	97,186	93,940
55	92,206	91,169	91,346	90,289	95,748	90,881
60	88,457	87,017	87,167	86,266	93,509	86,114
65	82,933	80,857	80,943	80,434	90,158	79,267
70	75,458	72,810	72,749	73,178	84,000	69,763
75	65,014	62,266	62,236	62,459	73,774	57,645
80+	50,053	47,315	47,449	46,663	57,701	44,838

Nota: <sup>1</sup> Termasuk etnik Lain-lain (warganegara) dan bukan warganegara

Notes: Includes Others (citizens) and non-citizens

<sup>P</sup> Permulaan

Preliminary

**Jadual 1.9: Penakat mengikut jantina, umur dan kumpulan etnik, Malaysia, 2023<sup>e</sup>**

Table 1.9: Survivors by sex, age and ethnic group, Malaysia, 2023<sup>e</sup>

Umur Age	Jumlah <sup>1</sup> Total <sup>1</sup>	Bumiputera			Cina Chinese	India Indians
		Jumlah Total	Melayu Malay	Bumiputera Lain Other Bumiputera		
<b>Lelaki</b>						
<i>Male</i>						
0	100,000	100,000	100,000	100,000	100,000	100,000
1	99,277	99,218	99,247	99,056	99,537	99,188
5	99,109	99,023	99,065	98,795	99,434	99,024
10	99,005	98,899	98,948	98,630	99,381	98,926
15	98,874	98,735	98,790	98,437	99,333	98,858
20	98,504	98,280	98,314	98,071	99,175	98,431
25	98,039	97,683	97,730	97,407	98,914	97,433
30	97,550	97,007	97,086	96,598	98,553	96,324
35	96,891	96,132	96,263	95,491	98,097	94,850
40	95,901	94,897	95,044	94,179	97,421	92,876
45	94,385	93,137	93,364	92,020	96,288	89,872
50	91,852	90,277	90,587	88,751	94,340	85,354
55	87,958	86,098	86,458	84,342	91,326	79,070
60	82,314	80,212	80,466	78,932	86,818	71,404
65	74,800	72,460	72,636	71,556	80,770	62,187
70	65,297	62,793	62,577	63,691	71,220	51,074
75	53,620	51,788	51,383	53,680	57,170	39,640
80+	38,479	37,040	36,600	39,153	39,799	28,840
<b>Perempuan</b>						
<i>Female</i>						
0	100,000	100,000	100,000	100,000	100,000	100,000
1	99,420	99,365	99,391	99,216	99,688	99,515
5	99,278	99,198	99,242	98,949	99,631	99,405
10	99,197	99,103	99,157	98,800	99,585	99,309
15	99,091	98,981	99,036	98,676	99,536	99,200
20	98,951	98,824	98,884	98,496	99,441	99,055
25	98,769	98,608	98,681	98,216	99,326	98,863
30	98,512	98,299	98,373	97,900	99,180	98,501
35	98,144	97,868	97,938	97,486	98,981	98,018
40	97,622	97,258	97,348	96,784	98,653	97,428
45	96,782	96,263	96,377	95,671	98,151	96,474
50	95,367	94,596	94,774	93,691	97,318	94,767
55	93,090	91,946	92,138	90,974	96,000	92,003
60	89,761	88,179	88,371	87,195	93,988	87,771
65	84,707	82,501	82,604	81,950	90,905	81,483
70	77,808	74,839	74,801	75,015	85,415	72,858
75	68,002	64,918	64,913	64,890	75,721	61,117
80+	53,817	50,503	50,647	49,691	60,914	49,195

Nota: <sup>1</sup> Termasuk etnik Lain-lain (warganegara) dan bukan warganegara

Notes: Includes Others (citizens) and non-citizens

<sup>e</sup> Anggaran

Estimates

**Jadual 1.10: Jangkaan hayat ketika lahir mengikut kumpulan etnik utama dan jantina, Malaysia, 1957-2023**

Table 1.10: Life expectancy at birth by major ethnic group and sex, Malaysia, 1957-2023

Tahun Year	Lelaki dan Perempuan Both sexes	Jumlah <sup>1</sup> Total <sup>1</sup>		Bumiputera		Cina Chinese		India Indians	
		Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan
		Male	Female	Male	Female	Male	Female	Male	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 Semenanjung Malaysia

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

<sup>1</sup>Termasuk etnik Lain-lain (warganegara) dan bukan warganegara

*Includes Others (citizens) and non-citizens*

.. Data tidak diperolehi

*Data not acquired*

**Jadual 1.10: Jangkaan hayat ketika lahir mengikut kumpulan etnik utama dan jantina, Malaysia, 1957-2023 (samb.)**

Table 1.10: Life expectancy at birth by major ethnic group and sex, Malaysia, 1957-2023 (cont'd)

Tahun Year	Lelaki dan Perempuan Both sexes	Jumlah <sup>1</sup> Total <sup>1</sup>		Bumiputera		Cina Chinese		India Indians	
		Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan	Lelaki	Perempuan
		Male	Female	Male	Female	Male	Female	Male	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	74.0	71.8	76.5	71.0	75.6	73.6	79.4	67.2	74.7
2022 <sup>p</sup>	73.8	71.5	76.4	70.8	75.5	73.6	79.5	67.0	74.7
2023 <sup>e</sup>	74.8	72.5	77.4	71.5	76.3	74.4	80.2	67.6	75.9

**Nota:** <sup>1</sup>Termasuk etnik Lain-lain (warganegara) dan bukan warganegara

*Notes:* Includes Others (citizens) and non-citizens

<sup>p</sup> Permulaan

*Preliminary*

<sup>e</sup> Anggaran

*Estimates*

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

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

**2020-2023:** 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

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2021



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Jadual 2.1: Jadual hayat ringkas mengikut jantina dan umur, Malaysia, 2021

Table 2.1: Abridged life table by sex and age, Malaysia, 2021

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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00618	618	0.00622	100,000	99,424	0.99326 <sup>a</sup>	7,395,602	74.0
1	0.00131	130	0.00033	99,382	397,205	0.99887 <sup>b</sup>	7,296,178	73.4
5	0.00077	77	0.00015	99,252	496,070	0.99909	6,898,973	69.5
10	0.00105	104	0.00021	99,176	495,617	0.99830	6,402,903	64.6
15	0.00234	232	0.00047	99,071	494,775	0.99711	5,907,286	59.6
20	0.00344	340	0.00069	98,839	493,345	0.99608	5,412,510	54.8
25	0.00440	433	0.00088	98,499	491,412	0.99489	4,919,165	49.9
30	0.00582	571	0.00117	98,066	488,902	0.99272	4,427,753	45.2
35	0.00874	852	0.00176	97,495	485,344	0.98840	3,938,851	40.4
40	0.01449	1,401	0.00292	96,643	479,712	0.98093	3,453,507	35.7
45	0.02372	2,259	0.00480	95,242	470,564	0.96960	2,973,795	31.2
50	0.03725	3,464	0.00759	92,983	456,258	0.95447	2,503,231	26.9
55	0.05413	4,845	0.01113	89,520	435,485	0.93293	2,046,973	22.9
60	0.08076	6,838	0.01683	84,674	406,276	0.90463	1,611,488	19.0
65	0.11126	8,660	0.02356	77,836	367,531	0.86309	1,205,212	15.5
70	0.16577	11,467	0.03615	69,176	317,214	0.78890	837,681	12.1
75	0.26544	15,318	0.06121	57,709	250,250	0.51918 <sup>c</sup>	520,467	9.0
80+	1.00000	42,391	0.15688	42,391	270,217	-	270,217	6.4
<b>Lelaki</b> <i>Male</i>								
0	0.00659	659	0.00663	100,000	99,381	0.99282 <sup>a</sup>	7,175,460	71.8
1	0.00142	141	0.00036	99,341	397,029	0.99873 <sup>b</sup>	7,076,078	71.2
5	0.00087	87	0.00017	99,200	495,782	0.99896	6,679,049	67.3
10	0.00122	121	0.00024	99,113	495,264	0.99773	6,183,267	62.4
15	0.00332	328	0.00066	98,993	494,142	0.99599	5,688,002	57.5
20	0.00471	465	0.00095	98,664	492,159	0.99486	5,193,860	52.6
25	0.00557	547	0.00112	98,199	489,629	0.99355	4,701,701	47.9
30	0.00733	716	0.00147	97,652	486,472	0.99084	4,212,072	43.1
35	0.01101	1,067	0.00221	96,937	482,015	0.98553	3,725,600	38.4
40	0.01797	1,723	0.00363	95,869	475,039	0.97609	3,243,586	33.8
45	0.02996	2,821	0.00608	94,147	463,681	0.96163	2,768,546	29.4
50	0.04704	4,296	0.00963	91,326	445,890	0.94281	2,304,865	25.2
55	0.06785	5,905	0.01405	87,030	420,387	0.91712	1,858,975	21.4
60	0.09899	8,031	0.02083	81,125	385,547	0.88418	1,438,588	17.7
65	0.13449	9,830	0.02884	73,094	340,894	0.83698	1,053,041	14.4
70	0.19598	12,399	0.04346	63,264	285,321	0.75666	712,148	11.3
75	0.30224	15,373	0.07121	50,865	215,891	0.49419 <sup>c</sup>	426,827	8.4
80+	1.00000	35,492	0.16826	35,492	210,935	-	210,935	5.9

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

Jadual 2.1: Jadual hayat ringkas mengikut jantina dan umur, Malaysia, 2021 (samb.)

Table 2.1: Abridged life table by sex and age, Malaysia, 2021 (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00574	574	0.00577	100,000	99,464	0.99375 <sup>a</sup>	7,652,885	76.5
1	0.00118	118	0.00030	99,426	397,411	0.99900 <sup>b</sup>	7,553,420	76.0
5	0.00066	66	0.00013	99,308	496,376	0.99923	7,156,010	72.1
10	0.00088	87	0.00018	99,242	495,993	0.99893	6,659,634	67.1
15	0.00127	126	0.00025	99,155	495,461	0.99839	6,163,641	62.2
20	0.00195	193	0.00039	99,029	494,663	0.99753	5,668,180	57.2
25	0.00299	295	0.00060	98,836	493,441	0.99647	5,173,517	52.3
30	0.00407	401	0.00082	98,541	491,701	0.99488	4,680,075	47.5
35	0.00618	606	0.00124	98,140	489,183	0.99166	4,188,374	42.7
40	0.01051	1,025	0.00211	97,533	485,106	0.98625	3,699,191	37.9
45	0.01702	1,643	0.00343	96,509	478,437	0.97799	3,214,086	33.3
50	0.02709	2,570	0.00549	94,866	467,906	0.96660	2,735,649	28.8
55	0.03989	3,682	0.00814	92,296	452,277	0.94929	2,267,744	24.6
60	0.06198	5,493	0.01279	88,614	429,340	0.92548	1,815,467	20.5
65	0.08788	7,305	0.01838	83,122	397,346	0.88905	1,386,127	16.7
70	0.13625	10,330	0.02924	75,817	353,259	0.81973	988,781	13.0
75	0.23123	15,142	0.05229	65,487	289,578	0.54435 <sup>c</sup>	635,522	9.7
80+	1.00000	50,344	0.14553	50,344	345,943	-	345,943	6.9

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> 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, 2021

Table 2.1.1: Abridged life table for Bumiputera by sex and age, Malaysia, 2021

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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00669	669	0.00673	100,000	99,378	0.99262 <sup>a</sup>	7,320,363	73.2
1	0.00159	158	0.00040	99,331	396,933	0.99865 <sup>b</sup>	7,220,985	72.7
5	0.00092	91	0.00018	99,174	495,641	0.99891	6,824,051	68.8
10	0.00127	126	0.00025	99,083	495,100	0.99803	6,328,410	63.9
15	0.00268	265	0.00054	98,957	494,123	0.99662	5,833,310	58.9
20	0.00409	403	0.00082	98,692	492,452	0.99523	5,339,187	54.1
25	0.00546	537	0.00109	98,289	490,102	0.99377	4,846,735	49.3
30	0.00701	685	0.00141	97,752	487,048	0.99144	4,356,633	44.6
35	0.01013	983	0.00204	97,067	482,877	0.98671	3,869,586	39.9
40	0.01648	1,583	0.00332	96,084	476,461	0.97859	3,386,708	35.2
45	0.02643	2,498	0.00536	94,501	466,258	0.96670	2,910,247	30.8
50	0.04034	3,712	0.00823	92,003	450,734	0.95111	2,443,989	26.6
55	0.05780	5,104	0.01191	88,291	428,696	0.92832	1,993,255	22.6
60	0.08640	7,187	0.01806	83,187	397,968	0.89981	1,564,559	18.8
65	0.11529	8,762	0.02447	76,000	358,095	0.86046	1,166,591	15.3
70	0.16695	11,226	0.03643	67,238	308,126	0.78715	808,496	12.0
75	0.26794	15,008	0.06188	56,012	242,542	0.51527 <sup>c</sup>	500,370	8.9
80+	1.00000	41,005	0.15904	41,005	257,828	-	257,828	6.3
<b>Lelaki</b> <i>Male</i>								
0	0.00709	709	0.00714	100,000	99,335	0.99218 <sup>a</sup>	7,099,737	71.0
1	0.00175	173	0.00044	99,291	396,753	0.99847 <sup>b</sup>	7,000,402	70.5
5	0.00104	103	0.00021	99,117	495,330	0.99873	6,603,649	66.6
10	0.00149	148	0.00030	99,015	494,703	0.99734	6,108,319	61.7
15	0.00382	378	0.00077	98,867	493,389	0.99516	5,613,617	56.8
20	0.00586	577	0.00117	98,489	491,002	0.99336	5,120,228	52.0
25	0.00743	728	0.00149	97,912	487,741	0.99160	4,629,226	47.3
30	0.00937	911	0.00188	97,184	483,646	0.98878	4,141,484	42.6
35	0.01310	1,261	0.00264	96,274	478,217	0.98312	3,657,838	38.0
40	0.02072	1,969	0.00419	95,013	470,143	0.97292	3,179,621	33.5
45	0.03358	3,125	0.00683	93,044	457,410	0.95825	2,709,479	29.1
50	0.05020	4,514	0.01030	89,920	438,313	0.93949	2,252,069	25.0
55	0.07136	6,095	0.01480	85,405	411,790	0.91350	1,813,756	21.2
60	0.10280	8,153	0.02167	79,311	376,171	0.88189	1,401,966	17.7
65	0.13518	9,619	0.02900	71,158	331,741	0.83822	1,025,795	14.4
70	0.19253	11,848	0.04261	61,538	278,072	0.75913	694,055	11.3
75	0.30074	14,944	0.07079	49,691	211,093	0.49254 <sup>c</sup>	415,982	8.4
80+	1.00000	34,747	0.16959	34,747	204,889	-	204,889	5.9

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> 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, 2021 (samb.)

Table 2.1.1: Abridged life table for Bumiputera by sex and age, Malaysia, 2021 (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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00625	625	0.00629	100,000	99,418	0.99313 <sup>a</sup>	7,564,711	75.6
1	0.00142	141	0.00036	99,375	397,148	0.99880 <sup>b</sup>	7,465,293	75.1
5	0.00079	78	0.00016	99,233	495,972	0.99909	7,068,146	71.2
10	0.00102	102	0.00020	99,155	495,523	0.99877	6,572,174	66.3
15	0.00144	143	0.00029	99,054	494,911	0.99816	6,076,651	61.3
20	0.00224	221	0.00045	98,911	494,001	0.99716	5,581,740	56.4
25	0.00345	341	0.00069	98,690	492,596	0.99595	5,087,740	51.6
30	0.00466	458	0.00093	98,349	490,599	0.99411	4,595,143	46.7
35	0.00712	697	0.00143	97,891	487,711	0.99045	4,104,544	41.9
40	0.01200	1,166	0.00241	97,194	483,053	0.98441	3,616,833	37.2
45	0.01923	1,847	0.00388	96,028	475,521	0.97521	3,133,780	32.6
50	0.03046	2,869	0.00619	94,181	463,731	0.96276	2,658,259	28.2
55	0.04424	4,039	0.00905	91,312	446,459	0.94317	2,194,528	24.0
60	0.07000	6,109	0.01451	87,272	421,089	0.91776	1,748,069	20.0
65	0.09540	7,743	0.02004	81,163	386,459	0.88229	1,326,980	16.3
70	0.14237	10,453	0.03066	73,420	340,970	0.81322	940,521	12.8
75	0.23857	15,022	0.05418	62,968	277,282	0.53752 <sup>c</sup>	599,551	9.5
80+	1.00000	47,945	0.14877	47,945	322,269	-	322,269	6.7

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> 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, 2021

Table 2.1.2: Abridged life table for Malay by sex and age, Malaysia, 2021

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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00635	635	0.00639	100,000	99,409	0.99305 <sup>a</sup>	7,322,761	73.2
1	0.00140	139	0.00035	99,365	397,114	0.99880 <sup>b</sup>	7,223,353	72.7
5	0.00081	80	0.00016	99,226	495,928	0.99899	6,826,239	68.8
10	0.00121	120	0.00024	99,146	495,427	0.99806	6,330,311	63.8
15	0.00266	264	0.00053	99,025	494,467	0.99670	5,834,883	58.9
20	0.00394	389	0.00079	98,761	492,834	0.99539	5,340,416	54.1
25	0.00528	519	0.00106	98,372	490,563	0.99397	4,847,582	49.3
30	0.00679	664	0.00136	97,853	487,604	0.99167	4,357,020	44.5
35	0.00988	960	0.00199	97,189	483,543	0.98711	3,869,416	39.8
40	0.01593	1,533	0.00321	96,229	477,312	0.97907	3,385,873	35.2
45	0.02602	2,464	0.00527	94,696	467,319	0.96685	2,908,561	30.7
50	0.04047	3,733	0.00826	92,232	451,827	0.95076	2,441,242	26.5
55	0.05838	5,167	0.01203	88,499	429,577	0.92741	1,989,415	22.5
60	0.08768	7,307	0.01834	83,332	398,393	0.89762	1,559,838	18.7
65	0.11849	9,008	0.02519	76,025	357,607	0.85828	1,161,445	15.3
70	0.16807	11,264	0.03670	67,018	306,928	0.78610	803,837	12.0
75	0.26899	14,997	0.06216	55,754	241,275	0.51445 <sup>c</sup>	496,910	8.9
80+	1.00000	40,756	0.15943	40,756	255,635	-	255,635	6.3
<b>Lelaki</b> <i>Male</i>								
0	0.00673	673	0.00677	100,000	99,369	0.99262 <sup>a</sup>	7,097,620	71.0
1	0.00155	154	0.00039	99,327	396,944	0.99862 <sup>b</sup>	6,998,251	70.5
5	0.00095	94	0.00019	99,173	495,629	0.99880	6,601,307	66.6
10	0.00145	143	0.00029	99,079	495,036	0.99735	6,105,678	61.6
15	0.00386	382	0.00077	98,936	493,723	0.99524	5,610,642	56.7
20	0.00566	558	0.00114	98,553	491,372	0.99359	5,116,919	51.9
25	0.00716	701	0.00144	97,996	488,225	0.99191	4,625,547	47.2
30	0.00902	878	0.00181	97,294	484,277	0.98912	4,137,322	42.5
35	0.01276	1,230	0.00257	96,417	479,007	0.98370	3,653,045	37.9
40	0.01989	1,893	0.00402	95,186	471,198	0.97356	3,174,038	33.3
45	0.03311	3,089	0.00673	93,293	458,741	0.95833	2,702,840	29.0
50	0.05052	4,557	0.01037	90,204	439,626	0.93888	2,244,099	24.9
55	0.07229	6,191	0.01500	85,647	412,755	0.91203	1,804,473	21.1
60	0.10488	8,333	0.02214	79,455	376,444	0.87827	1,391,718	17.5
65	0.14056	9,997	0.03024	71,122	330,618	0.83416	1,015,275	14.3
70	0.19526	11,935	0.04328	61,125	275,787	0.75584	684,657	11.2
75	0.30493	15,000	0.07196	49,190	208,450	0.49018 <sup>c</sup>	408,870	8.3
80+	1.00000	34,190	0.17059	34,190	200,419	-	200,419	5.9

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> 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, 2021 (samb.)

Table 2.1.2: Abridged life table for Malay by sex and age, Malaysia, 2021 (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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00595	595	0.00598	100,000	99,446	0.99352 <sup>a</sup>	7,571,716	75.7
1	0.00124	124	0.00031	99,405	397,314	0.99896 <sup>b</sup>	7,472,270	75.2
5	0.00066	65	0.00013	99,282	496,245	0.99919	7,074,956	71.3
10	0.00097	96	0.00019	99,216	495,842	0.99884	6,578,711	66.3
15	0.00135	134	0.00027	99,121	495,268	0.99826	6,082,869	61.4
20	0.00213	211	0.00043	98,986	494,405	0.99726	5,587,601	56.4
25	0.00336	331	0.00067	98,776	493,050	0.99604	5,093,196	51.6
30	0.00456	449	0.00091	98,444	491,100	0.99425	4,600,146	46.7
35	0.00695	681	0.00140	97,996	488,275	0.99068	4,109,047	41.9
40	0.01171	1,140	0.00236	97,314	483,723	0.98475	3,620,772	37.2
45	0.01884	1,812	0.00380	96,175	476,345	0.97541	3,137,048	32.6
50	0.03044	2,873	0.00618	94,363	464,634	0.96263	2,660,704	28.2
55	0.04452	4,073	0.00911	91,490	447,270	0.94272	2,196,070	24.0
60	0.07065	6,176	0.01465	87,418	421,648	0.91667	1,748,800	20.0
65	0.09698	7,879	0.02039	81,242	386,511	0.88159	1,327,152	16.3
70	0.14214	10,428	0.03060	73,363	340,744	0.81377	940,641	12.8
75	0.23762	14,955	0.05393	62,935	277,288	0.53777 <sup>c</sup>	599,897	9.5
80+	1.00000	47,980	0.14873	47,980	322,608	-	322,608	6.7

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> 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, 2021

Table 2.1.3: Abridged life table for Other Bumiputera by sex and age, Malaysia, 2021

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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00852	852	0.00859	100,000	99,212	0.99033 <sup>a</sup>	7,309,561	73.1
1	0.00258	256	0.00065	99,148	395,954	0.99783 <sup>b</sup>	7,210,348	72.7
5	0.00148	146	0.00030	98,892	494,094	0.99852	6,814,394	68.9
10	0.00149	147	0.00030	98,746	493,362	0.99788	6,320,300	64.0
15	0.00276	272	0.00055	98,599	492,315	0.99624	5,826,938	59.1
20	0.00477	469	0.00096	98,327	490,463	0.99452	5,334,623	54.3
25	0.00620	607	0.00124	97,858	487,774	0.99289	4,844,160	49.5
30	0.00803	781	0.00161	97,251	484,306	0.99032	4,356,386	44.8
35	0.01134	1,094	0.00228	96,471	479,620	0.98475	3,872,080	40.1
40	0.01922	1,833	0.00388	95,377	472,303	0.97625	3,392,460	35.6
45	0.02838	2,654	0.00576	93,544	461,085	0.96602	2,920,157	31.2
50	0.03975	3,613	0.00811	90,890	445,417	0.95279	2,459,072	27.1
55	0.05497	4,798	0.01131	87,277	424,391	0.93291	2,013,654	23.1
60	0.07991	6,591	0.01665	82,479	395,919	0.91091	1,589,264	19.3
65	0.09907	7,518	0.02085	75,889	360,647	0.87168	1,193,344	15.7
70	0.16078	10,993	0.03497	68,370	314,369	0.79250	832,697	12.2
75	0.26318	15,100	0.06061	57,377	249,136	0.51935 <sup>c</sup>	518,328	9.0
80+	1.00000	42,277	0.15705	42,277	269,192	-	269,192	6.4
<b>Lelaki</b> <i>Male</i>								
0	0.00906	906	0.00914	100,000	99,156	0.98976 <sup>a</sup>	7,108,866	71.1
1	0.00276	274	0.00069	99,094	395,724	0.99767 <sup>b</sup>	7,009,710	70.7
5	0.00150	148	0.00030	98,820	493,728	0.99840	6,613,987	66.9
10	0.00170	168	0.00034	98,672	492,939	0.99734	6,120,259	62.0
15	0.00362	356	0.00072	98,504	491,630	0.99479	5,627,319	57.1
20	0.00680	668	0.00136	98,148	489,070	0.99231	5,135,690	52.3
25	0.00859	837	0.00173	97,480	485,308	0.99021	4,646,619	47.7
30	0.01101	1,064	0.00221	96,643	480,556	0.98716	4,161,311	43.1
35	0.01470	1,405	0.00296	95,579	474,385	0.98020	3,680,755	38.5
40	0.02497	2,352	0.00506	94,175	464,994	0.96967	3,206,370	34.0
45	0.03582	3,290	0.00730	91,823	450,891	0.95782	2,741,376	29.9
50	0.04878	4,318	0.01000	88,533	431,871	0.94240	2,290,485	25.9
55	0.06687	5,632	0.01384	84,215	406,995	0.92073	1,858,615	22.1
60	0.09255	7,273	0.01941	78,583	374,734	0.89919	1,451,619	18.5
65	0.10992	7,838	0.02326	71,310	336,957	0.85809	1,076,885	15.1
70	0.17786	11,289	0.03904	63,472	289,138	0.77464	739,929	11.7
75	0.28312	14,774	0.06596	52,183	223,979	0.50314 <sup>c</sup>	450,791	8.6
80+	1.00000	37,409	0.16493	37,409	226,811	-	226,811	6.1

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> 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, 2021 (samb.)

Table 2.1.3: Abridged life table for Other Bumiputera by sex and age, Malaysia, 2021 (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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00793	793	0.00799	100,000	99,265	0.99100 <sup>a</sup>	7,531,374	75.3
1	0.00239	237	0.00060	99,207	396,237	0.99795 <sup>b</sup>	7,432,108	74.9
5	0.00145	144	0.00029	98,970	494,488	0.99864	7,035,871	71.1
10	0.00127	125	0.00025	98,826	493,816	0.99844	6,541,383	66.2
15	0.00185	183	0.00037	98,701	493,046	0.99771	6,047,567	61.3
20	0.00272	268	0.00055	98,518	491,918	0.99672	5,554,521	56.4
25	0.00384	377	0.00077	98,249	490,304	0.99552	5,062,603	51.5
30	0.00512	501	0.00103	97,872	488,107	0.99347	4,572,299	46.7
35	0.00794	773	0.00159	97,371	484,922	0.98935	4,084,192	41.9
40	0.01339	1,293	0.00270	96,598	479,756	0.98279	3,599,270	37.3
45	0.02108	2,009	0.00426	95,305	471,502	0.97423	3,119,514	32.7
50	0.03056	2,851	0.00621	93,296	459,353	0.96338	2,648,013	28.4
55	0.04286	3,877	0.00876	90,445	442,533	0.94553	2,188,660	24.2
60	0.06659	5,764	0.01378	86,568	418,430	0.92370	1,746,127	20.2
65	0.08670	7,006	0.01813	80,804	386,506	0.88610	1,327,696	16.4
70	0.14368	10,603	0.03096	73,798	342,484	0.81044	941,190	12.8
75	0.24315	15,366	0.05536	63,195	277,562	0.53640 <sup>c</sup>	598,706	9.5
80+	1.00000	47,830	0.14893	47,830	321,144	-	321,144	6.7

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> 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, 2021

Table 2.1.4: Abridged life table for Chinese by sex and age, Malaysia, 2021

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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00399	399	0.00400	100,000	99,626	0.99579 <sup>a</sup>	7,624,184	76.2
1	0.00055	54	0.00014	99,601	398,269	0.99948 <sup>b</sup>	7,524,558	75.5
5	0.00040	40	0.00008	99,547	497,634	0.99957	7,126,289	71.6
10	0.00045	45	0.00009	99,507	497,422	0.99922	6,628,654	66.6
15	0.00111	110	0.00022	99,462	497,034	0.99849	6,131,232	61.6
20	0.00192	191	0.00038	99,352	496,282	0.99767	5,634,198	56.7
25	0.00274	271	0.00055	99,161	495,127	0.99693	5,137,916	51.8
30	0.00339	336	0.00068	98,890	493,610	0.99566	4,642,789	46.9
35	0.00528	521	0.00106	98,554	491,468	0.99269	4,149,179	42.1
40	0.00935	916	0.00188	98,033	487,875	0.98750	3,657,711	37.3
45	0.01569	1,523	0.00316	97,117	481,776	0.97961	3,169,836	32.6
50	0.02518	2,407	0.00510	95,593	471,951	0.96871	2,688,060	28.1
55	0.03755	3,499	0.00765	93,187	457,186	0.95275	2,216,109	23.8
60	0.05732	5,141	0.01180	89,687	435,585	0.92069	1,758,924	19.6
65	0.10265	8,679	0.02164	84,547	401,037	0.86714	1,323,339	15.7
70	0.16653	12,635	0.03633	75,868	347,754	0.78400	922,302	12.2
75	0.27536	17,412	0.06387	63,233	272,637	0.52547 <sup>c</sup>	574,548	9.1
80+	1.00000	45,821	0.15177	45,821	301,911	-	301,911	6.6
<b>Lelaki</b> <i>Male</i>								
0	0.00440	440	0.00441	100,000	99,585	0.99538 <sup>a</sup>	7,364,254	73.6
1	0.00057	57	0.00014	99,560	398,108	0.99941 <sup>b</sup>	7,264,670	73.0
5	0.00048	48	0.00010	99,504	497,399	0.99954	6,866,562	69.0
10	0.00043	43	0.00009	99,456	497,172	0.99900	6,369,163	64.0
15	0.00157	156	0.00031	99,413	496,674	0.99787	5,871,991	59.1
20	0.00270	268	0.00054	99,257	495,613	0.99679	5,375,318	54.2
25	0.00373	369	0.00075	98,989	494,022	0.99572	4,879,704	49.3
30	0.00483	476	0.00097	98,620	491,909	0.99388	4,385,683	44.5
35	0.00742	729	0.00149	98,144	488,897	0.99001	3,893,774	39.7
40	0.01258	1,225	0.00253	97,415	484,013	0.98294	3,404,876	35.0
45	0.02160	2,078	0.00437	96,190	475,755	0.97193	2,920,863	30.4
50	0.03468	3,264	0.00706	94,112	462,401	0.95762	2,445,108	26.0
55	0.05035	4,574	0.01033	90,848	442,806	0.93666	1,982,707	21.8
60	0.07703	6,645	0.01602	86,274	414,757	0.89513	1,539,901	17.8
65	0.13503	10,753	0.02896	79,629	371,262	0.82938	1,125,144	14.1
70	0.21177	14,586	0.04737	68,876	307,916	0.73696	753,882	10.9
75	0.32810	17,812	0.07850	54,290	226,921	0.49117 <sup>c</sup>	445,966	8.2
80+	1.00000	36,478	0.16653	36,478	219,045	-	219,045	6.0

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> 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, 2021 (samb.)

Table 2.1.4: Abridged life table for Chinese by sex and age, Malaysia, 2021 (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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00356	356	0.00357	100,000	99,666	0.99623 <sup>a</sup>	7,939,976	79.4
1	0.00052	52	0.00013	99,644	398,449	0.99954 <sup>b</sup>	7,840,310	78.7
5	0.00031	31	0.00006	99,593	497,884	0.99961	7,441,861	74.7
10	0.00047	47	0.00009	99,561	497,688	0.99946	6,943,977	69.7
15	0.00060	60	0.00012	99,514	497,421	0.99916	6,446,289	64.8
20	0.00109	108	0.00022	99,454	497,001	0.99860	5,948,868	59.8
25	0.00171	170	0.00034	99,346	496,306	0.99816	5,451,867	54.9
30	0.00197	195	0.00039	99,176	495,393	0.99745	4,955,561	50.0
35	0.00314	311	0.00063	98,981	494,129	0.99551	4,460,167	45.1
40	0.00585	578	0.00117	98,671	491,908	0.99235	3,966,038	40.2
45	0.00945	927	0.00190	98,093	488,147	0.98763	3,474,130	35.4
50	0.01531	1,487	0.00309	97,166	482,111	0.98048	2,985,983	30.7
55	0.02380	2,278	0.00482	95,678	472,698	0.97007	2,503,872	26.2
60	0.03620	3,381	0.00737	93,401	458,551	0.94752	2,031,174	21.7
65	0.06938	6,245	0.01437	90,020	434,485	0.90570	1,572,623	17.5
70	0.12107	10,143	0.02578	83,774	393,514	0.83117	1,138,139	13.6
75	0.22317	16,432	0.05024	73,631	327,076	0.56075 <sup>c</sup>	744,625	10.1
80+	1.00000	57,199	0.13699	57,199	417,549	-	417,549	7.3

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> 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, 2021

Table 2.1.5: Abridged life table for Indians by sex and age, Malaysia, 2021

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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00541	541	0.00544	100,000	99,494	0.99417 <sup>a</sup>	7,070,749	70.7
1	0.00099	98	0.00025	99,459	397,590	0.99918 <sup>b</sup>	6,971,255	70.1
5	0.00051	51	0.00010	99,360	496,675	0.99933	6,573,665	66.2
10	0.00082	82	0.00016	99,310	496,344	0.99801	6,076,990	61.2
15	0.00317	314	0.00063	99,228	495,354	0.99518	5,580,645	56.2
20	0.00648	641	0.00130	98,914	492,967	0.99296	5,085,291	51.4
25	0.00762	748	0.00153	98,273	489,495	0.99118	4,592,324	46.7
30	0.01004	979	0.00202	97,525	485,177	0.98768	4,102,829	42.1
35	0.01463	1,413	0.00295	96,546	479,199	0.98104	3,617,652	37.5
40	0.02336	2,222	0.00473	95,133	470,112	0.96980	3,138,454	33.0
45	0.03720	3,456	0.00758	92,911	455,915	0.95393	2,668,342	28.7
50	0.05529	4,946	0.01137	89,455	434,910	0.93482	2,212,427	24.7
55	0.07564	6,393	0.01572	84,509	406,565	0.90756	1,777,517	21.0
60	0.11061	8,641	0.02342	78,117	368,981	0.87098	1,370,953	17.6
65	0.14971	10,401	0.03236	69,476	321,377	0.82733	1,001,971	14.4
70	0.19968	11,796	0.04437	59,075	265,884	0.77547	680,595	11.5
75	0.25557	12,083	0.05860	47,279	206,186	0.50282 <sup>c</sup>	414,711	8.8
80+	1.00000	35,196	0.16878	35,196	208,525	-	208,525	5.9
<b>Lelaki</b> <i>Male</i>								
0	0.00640	640	0.00643	100,000	99,399	0.99322 <sup>a</sup>	6,724,372	67.2
1	0.00099	98	0.00025	99,360	397,209	0.99914 <sup>b</sup>	6,624,973	66.7
5	0.00053	52	0.00011	99,262	496,180	0.99923	6,227,763	62.7
10	0.00102	101	0.00020	99,210	495,797	0.99720	5,731,583	57.8
15	0.00459	455	0.00092	99,109	494,408	0.99268	5,235,786	52.8
20	0.01007	993	0.00202	98,654	490,789	0.98911	4,741,377	48.1
25	0.01173	1,145	0.00236	97,661	485,442	0.98684	4,250,589	43.5
30	0.01462	1,411	0.00294	96,516	479,052	0.98205	3,765,146	39.0
35	0.02134	2,030	0.00431	95,105	470,451	0.97288	3,286,094	34.6
40	0.03302	3,074	0.00672	93,075	457,693	0.95744	2,815,643	30.3
45	0.05242	4,718	0.01077	90,002	438,215	0.93547	2,357,949	26.2
50	0.07731	6,593	0.01608	85,284	409,938	0.91174	1,919,734	22.5
55	0.10013	7,879	0.02108	78,691	373,758	0.87970	1,509,796	19.2
60	0.14272	10,106	0.03074	70,812	328,796	0.83952	1,136,037	16.0
65	0.18121	11,001	0.03985	60,706	276,029	0.79437	807,242	13.3
70	0.23545	11,703	0.05337	49,706	219,269	0.74503	531,213	10.7
75	0.28049	10,659	0.06525	38,002	163,363	0.47631 <sup>c</sup>	311,943	8.2
80+	1.00000	27,343	0.18403	27,343	148,580	-	148,580	5.4

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> 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, 2021 (samb.)

Table 2.1.5: Abridged life table for Indians by sex and age, Malaysia, 2021 (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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00441	441	0.00442	100,000	99,587	0.99516 <sup>a</sup>	7,466,894	74.7
1	0.00099	98	0.00025	99,559	397,994	0.99920 <sup>b</sup>	7,367,306	74.0
5	0.00049	49	0.00010	99,461	497,184	0.99945	6,969,313	70.1
10	0.00061	61	0.00012	99,412	496,909	0.99888	6,472,129	65.1
15	0.00163	162	0.00033	99,351	496,352	0.99788	5,975,220	60.1
20	0.00262	260	0.00052	99,190	495,299	0.99699	5,478,868	55.2
25	0.00341	337	0.00068	98,930	493,808	0.99560	4,983,568	50.4
30	0.00539	532	0.00108	98,593	491,637	0.99353	4,489,760	45.5
35	0.00755	740	0.00152	98,062	488,457	0.98985	3,998,124	40.8
40	0.01277	1,243	0.00257	97,321	483,499	0.98262	3,509,667	36.1
45	0.02206	2,119	0.00446	96,078	475,094	0.97224	3,026,168	31.5
50	0.03360	3,157	0.00683	93,959	461,904	0.95766	2,551,075	27.2
55	0.05139	4,666	0.01055	90,802	442,346	0.93428	2,089,171	23.0
60	0.08083	6,962	0.01685	86,136	413,274	0.89991	1,646,825	19.1
65	0.12103	9,583	0.02577	79,173	371,911	0.85672	1,233,551	15.6
70	0.16859	11,733	0.03682	69,591	318,623	0.80153	861,640	12.4
75	0.23441	13,563	0.05311	57,858	255,385	0.52969 <sup>c</sup>	543,017	9.4
80+	1.00000	44,296	0.15400	44,296	287,633	-	287,633	6.5

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

Jadual 2.1.6: Jadual hayat ringkas bagi etnik Lain-lain<sup>1</sup> mengikut jantina dan umur, Malaysia, 2021

Table 2.1.6: Abridged life table for Others<sup>1</sup> by sex and age, Malaysia, 2021

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n Probability of dying between age x and age x+n	Bilangan kematian di antara umur x dan umur x+n Number of deaths between age x and age x+n	Kadar tengah mortaliti di antara umur x dan umur x+n Central mortality rate between age x and age x+n	Penakat (orang yang masih hidup) pada umur tepat x Survivors at exact age x	Bilangan orang hidup-tahun di antara umur x dan umur x+n Number of person-years lived between age x and age x+n	Nisbah ketakatan Survival ratio	Jumlah bilangan orang hidup-tahun selepas umur tepat x Total number of person-years lived after exact age x	Jangkaan hayat Life expectancy
x	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> Both sexes								
0	0.00341	341	0.00342	100,000	99,680	0.99633 <sup>a</sup>	7,582,197	75.8
1	0.00061	61	0.00015	99,659	398,486	0.99939 <sup>b</sup>	7,482,518	75.1
5	0.00052	52	0.00010	99,598	497,862	0.99929	7,084,032	71.1
10	0.00090	89	0.00018	99,546	497,509	0.99883	6,586,170	66.2
15	0.00144	144	0.00029	99,457	496,926	0.99883	6,088,661	61.2
20	0.00090	89	0.00018	99,314	496,345	0.99892	5,591,734	56.3
25	0.00126	125	0.00025	99,224	495,809	0.99834	5,095,390	51.4
30	0.00206	204	0.00041	99,099	494,987	0.99700	4,599,581	46.4
35	0.00394	390	0.00079	98,895	493,503	0.99416	4,104,594	41.5
40	0.00774	763	0.00155	98,506	490,622	0.98812	3,611,091	36.7
45	0.01605	1,569	0.00324	97,743	484,794	0.97197	3,120,469	31.9
50	0.04021	3,868	0.00821	96,174	471,203	0.93984	2,635,676	27.4
55	0.08095	7,472	0.01687	92,307	442,855	0.89445	2,164,472	23.4
60	0.13231	11,224	0.02834	84,835	396,113	0.90064	1,721,618	20.3
65	0.06139	4,519	0.01267	73,610	356,755	0.92210	1,325,504	18.0
70	0.09549	6,597	0.02005	69,092	328,965	0.86463	968,749	14.0
75	0.17947	11,216	0.03943	62,494	284,431	0.55543 <sup>c</sup>	639,784	10.2
80+	1.00000	51,278	0.14430	51,278	355,353	-	355,353	6.9
<b>Lelaki</b> Male								
0	0.00346	346	0.00347	100,000	99,672	0.99628 <sup>a</sup>	7,567,856	75.7
1	0.00063	63	0.00016	99,654	398,468	0.99936 <sup>b</sup>	7,468,184	74.9
5	0.00053	53	0.00011	99,591	497,822	0.99928	7,069,716	71.0
10	0.00091	90	0.00018	99,538	497,463	0.99864	6,571,894	66.0
15	0.00181	180	0.00036	99,447	496,787	0.99867	6,074,431	61.1
20	0.00085	84	0.00017	99,267	496,126	0.99906	5,577,644	56.2
25	0.00103	102	0.00021	99,183	495,659	0.99862	5,081,518	51.2
30	0.00173	171	0.00035	99,081	494,976	0.99742	4,585,859	46.3
35	0.00344	340	0.00069	98,910	493,699	0.99504	4,090,883	41.4
40	0.00648	639	0.00130	98,570	491,251	0.99021	3,597,184	36.5
45	0.01311	1,284	0.00264	97,931	486,443	0.97552	3,105,933	31.7
50	0.03600	3,479	0.00733	96,647	474,535	0.94114	2,619,489	27.1
55	0.08257	7,693	0.01723	93,167	446,603	0.89061	2,144,955	23.0
60	0.13862	11,849	0.02979	85,474	397,749	0.89113	1,698,351	19.9
65	0.07434	5,473	0.01544	73,626	354,445	0.91357	1,300,602	17.7
70	0.09949	6,780	0.02094	68,152	323,811	0.86073	946,156	13.9
75	0.18345	11,259	0.04039	61,372	278,713	0.55216 <sup>c</sup>	622,345	10.1
80+	1.00000	50,113	0.14583	50,113	343,632	-	343,632	6.9

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>1</sup> Termasuk bukan warganegara  
Includes non-citizen

Jadual 2.1.6: Jadual hayat ringkas bagi etnik Lain-lain<sup>1</sup> mengikut jantina dan umur, Malaysia, 2021 (samb.)

Table 2.1.6: Abridged life table for Others<sup>1</sup> by sex and age, Malaysia, 2021 (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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00335	335	0.00336	100,000	99,685	0.99640 <sup>a</sup>	7,574,053	75.7
1	0.00059	59	0.00015	99,665	398,514	0.99941 <sup>b</sup>	7,474,368	75.0
5	0.00051	50	0.00010	99,606	497,906	0.99930	7,075,853	71.0
10	0.00089	88	0.00018	99,556	497,559	0.99912	6,577,948	66.1
15	0.00088	87	0.00018	99,468	497,121	0.99905	6,080,389	61.1
20	0.00101	101	0.00020	99,381	496,651	0.99852	5,583,268	56.2
25	0.00194	193	0.00039	99,280	495,918	0.99745	5,086,617	51.2
30	0.00317	314	0.00063	99,087	494,652	0.99570	4,590,700	46.3
35	0.00544	537	0.00109	98,773	492,525	0.99178	4,096,048	41.5
40	0.01101	1,082	0.00221	98,237	488,479	0.98312	3,603,523	36.7
45	0.02282	2,217	0.00462	97,155	480,231	0.96460	3,115,044	32.1
50	0.04827	4,582	0.00989	94,938	463,232	0.93718	2,634,813	27.8
55	0.07811	7,058	0.01626	90,355	434,132	0.90129	2,171,581	24.0
60	0.12105	10,083	0.02577	83,297	391,278	0.91356	1,737,449	20.9
65	0.04706	3,445	0.00964	73,214	357,456	0.93166	1,346,171	18.4
70	0.09067	6,326	0.01900	69,769	333,028	0.86919	988,714	14.2
75	0.17494	11,099	0.03834	63,442	289,465	0.55853 <sup>c</sup>	655,687	10.3
80+	1.00000	52,344	0.14293	52,344	366,221	-	366,221	7.0

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>1</sup> Termasuk bukan warganegara  
*Includes non-citizen*

# MALAYSIA

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2022<sup>p</sup>



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**Jadual 2.2: Jadual hayat ringkas mengikut jantina dan umur, Malaysia. 2022<sup>P</sup>**  
**Table 2.2: Abridged life table by sex and age, Malaysia. 2022<sup>P</sup>**

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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00639	639	0.00643	100,000	99,405	0.99304 <sup>a</sup>	7,379,459	73.8
1	0.00133	132	0.00033	99,361	397,115	0.99885 <sup>b</sup>	7,280,054	73.3
5	0.00080	79	0.00016	99,229	495,947	0.99907	6,882,939	69.4
10	0.00106	105	0.00021	99,150	495,486	0.99828	6,386,992	64.4
15	0.00238	236	0.00048	99,045	494,633	0.99708	5,891,506	59.5
20	0.00346	342	0.00069	98,809	493,188	0.99606	5,396,873	54.6
25	0.00441	434	0.00088	98,467	491,247	0.99483	4,903,685	49.8
30	0.00594	582	0.00119	98,032	488,705	0.99253	4,412,439	45.0
35	0.00901	878	0.00181	97,450	485,056	0.98829	3,923,733	40.3
40	0.01443	1,394	0.00291	96,572	479,376	0.98072	3,438,678	35.6
45	0.02420	2,303	0.00490	95,178	470,133	0.96927	2,959,302	31.1
50	0.03742	3,476	0.00763	92,875	455,685	0.95360	2,489,169	26.8
55	0.05572	4,981	0.01146	89,399	434,543	0.93186	2,033,484	22.7
60	0.08130	6,863	0.01695	84,418	404,933	0.90284	1,598,941	18.9
65	0.11443	8,875	0.02428	77,555	365,588	0.86058	1,194,008	15.4
70	0.16763	11,513	0.03659	68,680	314,618	0.78743	828,421	12.1
75	0.26656	15,238	0.06151	57,167	247,740	0.51783 <sup>c</sup>	513,802	9.0
80+	1.00000	41,929	0.15759	41,929	266,062	-	266,062	6.3
<b>Lelaki</b> <i>Male</i>								
0	0.00689	689	0.00693	100,000	99,354	0.99254 <sup>a</sup>	7,154,958	71.5
1	0.00141	140	0.00035	99,311	396,914	0.99871 <sup>b</sup>	7,055,604	71.0
5	0.00091	91	0.00018	99,171	495,630	0.99895	6,658,690	67.1
10	0.00118	117	0.00024	99,081	495,112	0.99773	6,163,060	62.2
15	0.00335	332	0.00067	98,964	493,990	0.99594	5,667,948	57.3
20	0.00477	470	0.00096	98,632	491,985	0.99483	5,173,958	52.5
25	0.00557	547	0.00112	98,162	489,442	0.99348	4,681,972	47.7
30	0.00747	729	0.00150	97,615	486,250	0.99056	4,192,531	42.9
35	0.01143	1,108	0.00230	96,885	481,658	0.98536	3,706,280	38.3
40	0.01790	1,714	0.00361	95,778	474,604	0.97579	3,224,622	33.7
45	0.03063	2,882	0.00622	94,064	463,116	0.96119	2,750,018	29.2
50	0.04725	4,308	0.00968	91,182	445,142	0.94145	2,286,902	25.1
55	0.07042	6,117	0.01460	86,874	419,078	0.91551	1,841,761	21.2
60	0.09963	8,046	0.02097	80,757	383,669	0.88182	1,422,683	17.6
65	0.13878	10,091	0.02983	72,711	338,326	0.83400	1,039,014	14.3
70	0.19761	12,374	0.04386	62,620	282,164	0.75401	700,687	11.2
75	0.30629	15,390	0.07234	50,246	212,753	0.49166 <sup>c</sup>	418,524	8.3
80+	1.00000	34,856	0.16939	34,856	205,771	-	205,771	5.9

**Nota:** <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
**Notes:** <sup>a</sup> From age of 0 to age group 1-4

<sup>b</sup> Daripada umur 0, kumpulan umur 1-4 hingga kumpulan umur 5-9  
<sup>b</sup> From age of 0, age group 1-4 to age group 5-9

<sup>c</sup> Daripada umur 75 hingga 80+  
<sup>c</sup> From age of 75 to 80+

Jadual 2.2: Jadual hayat ringkas mengikut jantina dan umur, Malaysia. 2022<sup>P</sup> (samb.)

Table 2.2: Abridged life table by sex and age, Malaysia. 2022<sup>P</sup> (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n Probability of dying between age x and age x+n	Bilangan kematian di antara umur x dan umur x+n Number of deaths between age x and age x+n	Kadar tengah mortaliti di antara umur x dan umur x+n Central mortality rate between age x and age x+n	Penakat (orang yang masih hidup) pada umur tepat x Survivors at exact age x	Bilangan orang hidup-tahun di antara umur x dan umur x+n Number of person-years lived between age x and age x+n	Nisbah ketakatan Survival ratio	Jumlah bilangan orang hidup-tahun selepas umur tepat x Total number of person-years lived after exact age x	Jangkaan hayat Life expectancy
x	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Perempuan</b> Female								
0	0.00587	587	0.00590	100,000	99,453	0.99360 <sup>a</sup>	7,641,091	76.4
1	0.00124	123	0.00031	99,413	397,347	0.99896 <sup>b</sup>	7,541,638	75.9
5	0.00067	67	0.00013	99,290	496,284	0.99920	7,144,291	72.0
10	0.00094	93	0.00019	99,224	495,885	0.99888	6,648,007	67.0
15	0.00131	130	0.00026	99,131	495,329	0.99837	6,152,122	62.1
20	0.00195	193	0.00039	99,001	494,523	0.99753	5,656,793	57.1
25	0.00300	296	0.00060	98,808	493,301	0.99642	5,162,270	52.2
30	0.00416	410	0.00083	98,512	491,535	0.99477	4,668,969	47.4
35	0.00630	618	0.00126	98,102	488,966	0.99162	4,177,434	42.6
40	0.01047	1,021	0.00211	97,484	484,869	0.98609	3,688,468	37.8
45	0.01738	1,676	0.00351	96,463	478,127	0.97774	3,203,599	33.2
50	0.02723	2,581	0.00552	94,787	467,484	0.96615	2,725,473	28.8
55	0.04066	3,749	0.00830	92,206	451,659	0.94867	2,257,989	24.5
60	0.06245	5,524	0.01289	88,457	428,477	0.92415	1,806,330	20.4
65	0.09014	7,476	0.01888	82,933	395,978	0.88686	1,377,853	16.6
70	0.13841	10,444	0.02974	75,458	351,178	0.81915	981,875	13.0
75	0.23011	14,960	0.05201	65,014	287,667	0.54389 <sup>c</sup>	630,697	9.7
80+	1.00000	50,053	0.14591	50,053	343,031	-	343,031	6.9

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

Jadual 2.2.1: Jadual hayat ringkas bagi etnik Bumiputera mengikut jantina dan umur, Malaysia. 2022<sup>P</sup>

Table 2.2.1: Abridged life table for Bumiputera by sex and age, Malaysia. 2022<sup>P</sup>

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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00687	687	0.00691	100,000	99,361	0.99245 <sup>a</sup>	7,298,808	73.0
1	0.00157	156	0.00039	99,313	396,865	0.99864 <sup>b</sup>	7,199,447	72.5
5	0.00094	93	0.00019	99,157	495,554	0.99889	6,802,582	68.6
10	0.00127	126	0.00025	99,064	495,005	0.99797	6,307,028	63.7
15	0.00278	275	0.00056	98,938	494,002	0.99653	5,812,023	58.7
20	0.00416	410	0.00083	98,663	492,287	0.99519	5,318,021	53.9
25	0.00546	536	0.00109	98,252	489,921	0.99371	4,825,734	49.1
30	0.00713	697	0.00143	97,716	486,840	0.99121	4,335,813	44.4
35	0.01046	1,014	0.00210	97,020	482,562	0.98660	3,848,973	39.7
40	0.01637	1,572	0.00330	96,005	476,096	0.97830	3,366,411	35.1
45	0.02711	2,561	0.00550	94,433	465,765	0.96613	2,890,315	30.6
50	0.04082	3,750	0.00833	91,873	449,988	0.94989	2,424,551	26.4
55	0.05980	5,270	0.01233	88,122	427,437	0.92685	1,974,563	22.4
60	0.08735	7,237	0.01827	82,852	396,169	0.89684	1,547,126	18.7
65	0.12048	9,110	0.02564	75,615	355,301	0.85729	1,150,957	15.2
70	0.16799	11,172	0.03668	66,505	304,595	0.78518	795,656	12.0
75	0.27111	15,001	0.06272	55,333	239,161	0.51297 <sup>c</sup>	491,062	8.9
80+	1.00000	40,332	0.16011	40,332	251,901	-	251,901	6.2
<b>Lelaki</b> <i>Male</i>								
0	0.00738	738	0.00743	100,000	99,309	0.99193 <sup>a</sup>	7,075,807	70.8
1	0.00166	165	0.00042	99,262	396,657	0.99849 <sup>b</sup>	6,976,498	70.3
5	0.00109	108	0.00022	99,097	495,215	0.99873	6,579,841	66.4
10	0.00146	145	0.00029	98,989	494,585	0.99728	6,084,626	61.5
15	0.00398	394	0.00080	98,845	493,239	0.99502	5,590,041	56.6
20	0.00599	590	0.00120	98,451	490,780	0.99332	5,096,802	51.8
25	0.00738	722	0.00148	97,861	487,500	0.99154	4,606,022	47.1
30	0.00954	927	0.00192	97,139	483,376	0.98841	4,118,522	42.4
35	0.01366	1,314	0.00275	96,212	477,774	0.98293	3,635,146	37.8
40	0.02052	1,948	0.00415	94,898	469,619	0.97262	3,157,372	33.3
45	0.03439	3,196	0.00700	92,950	456,760	0.95763	2,687,753	28.9
50	0.05063	4,544	0.01039	89,754	437,409	0.93790	2,230,993	24.9
55	0.07418	6,321	0.01541	85,209	410,246	0.91150	1,793,584	21.0
60	0.10396	8,201	0.02193	78,889	373,941	0.87824	1,383,338	17.5
65	0.14163	10,011	0.03048	70,687	328,409	0.83511	1,009,397	14.3
70	0.19198	11,649	0.04247	60,676	274,259	0.75706	680,988	11.2
75	0.30601	15,003	0.07226	49,027	207,631	0.48951 <sup>c</sup>	406,728	8.3
80+	1.00000	34,025	0.17089	34,025	199,098	-	199,098	5.9

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

Jadual 2.2.1: Jadual hayat ringkas bagi etnik Bumiputera mengikut jantina dan umur, Malaysia. 2022<sup>P</sup> (samb.)  
 Table 2.2.1: Abridged life table for Bumiputera by sex and age, Malaysia. 2022<sup>P</sup> (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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00633	633	0.00636	100,000	99,411	0.99304 <sup>a</sup>	7,545,417	75.5
1	0.00147	146	0.00037	99,367	397,107	0.99878 <sup>b</sup>	7,446,006	74.9
5	0.00078	78	0.00016	99,221	495,914	0.99907	7,048,899	71.0
10	0.00107	107	0.00022	99,144	495,454	0.99872	6,552,985	66.1
15	0.00148	147	0.00030	99,037	494,820	0.99814	6,057,532	61.2
20	0.00224	221	0.00045	98,891	493,900	0.99714	5,562,712	56.3
25	0.00348	343	0.00070	98,669	492,489	0.99590	5,068,812	51.4
30	0.00473	465	0.00095	98,326	490,469	0.99402	4,576,323	46.5
35	0.00723	708	0.00145	97,861	487,538	0.99041	4,085,854	41.8
40	0.01197	1,163	0.00241	97,154	482,861	0.98411	3,598,316	37.0
45	0.01985	1,906	0.00401	95,991	475,189	0.97463	3,115,455	32.5
50	0.03099	2,916	0.00630	94,085	463,135	0.96185	2,640,266	28.1
55	0.04554	4,152	0.00932	91,169	445,465	0.94213	2,177,131	23.9
60	0.07079	6,160	0.01468	87,017	419,686	0.91537	1,731,665	19.9
65	0.09953	8,048	0.02095	80,857	384,168	0.87902	1,311,979	16.2
70	0.14481	10,543	0.03122	72,810	337,690	0.81126	927,812	12.7
75	0.24012	14,951	0.05458	62,266	273,953	0.53577 <sup>c</sup>	590,122	9.5
80+	1.00000	47,315	0.14965	47,315	316,168	-	316,168	6.7

Nota: <sup>a</sup> Daripada umur 0 hingga  
 kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

Jadual 2.2.2: Jadual hayat ringkas bagi etnik Melayu mengikut jantina dan umur, Malaysia. 2022<sup>P</sup>

Table 2.2.2: Abridged life table for Malay by sex and age, Malaysia. 2022<sup>P</sup>

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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00651	651	0.00655	100,000	99,394	0.99289 <sup>a</sup>	7,303,132	73.0
1	0.00140	139	0.00035	99,349	397,052	0.99878 <sup>b</sup>	7,203,737	72.5
5	0.00085	85	0.00017	99,210	495,841	0.99896	6,806,685	68.6
10	0.00123	122	0.00025	99,126	495,325	0.99799	6,310,845	63.7
15	0.00279	276	0.00056	99,004	494,331	0.99659	5,815,519	58.7
20	0.00403	398	0.00081	98,728	492,647	0.99534	5,321,188	53.9
25	0.00529	520	0.00106	98,331	490,353	0.99391	4,828,542	49.1
30	0.00690	675	0.00139	97,811	487,366	0.99144	4,338,188	44.4
35	0.01022	993	0.00206	97,135	483,194	0.98699	3,850,823	39.6
40	0.01582	1,521	0.00319	96,142	476,909	0.97888	3,367,628	35.0
45	0.02651	2,509	0.00537	94,621	466,835	0.96645	2,890,719	30.6
50	0.04079	3,757	0.00833	92,113	451,171	0.94963	2,423,884	26.3
55	0.06036	5,333	0.01245	88,356	428,445	0.92607	1,972,713	22.3
60	0.08837	7,337	0.01849	83,022	396,770	0.89474	1,544,268	18.6
65	0.12378	9,368	0.02639	75,685	355,006	0.85508	1,147,498	15.2
70	0.16903	11,210	0.03693	66,317	303,560	0.78485	792,492	12.0
75	0.27065	14,914	0.06260	55,107	238,249	0.51272 <sup>c</sup>	488,932	8.9
80+	1.00000	40,193	0.16033	40,193	250,683	-	250,683	6.2
<b>Lelaki</b> <i>Male</i>								
0	0.00699	699	0.00703	100,000	99,345	0.99239 <sup>a</sup>	7,076,375	70.8
1	0.00151	150	0.00038	99,301	396,850	0.99861 <sup>b</sup>	6,977,030	70.3
5	0.00101	100	0.00020	99,151	495,505	0.99879	6,580,180	66.4
10	0.00140	139	0.00028	99,051	494,908	0.99727	6,084,675	61.4
15	0.00407	402	0.00082	98,912	493,555	0.99505	5,589,767	56.5
20	0.00583	575	0.00117	98,510	491,113	0.99354	5,096,212	51.7
25	0.00708	694	0.00142	97,935	487,941	0.99190	4,605,100	47.0
30	0.00912	887	0.00183	97,241	483,989	0.98876	4,117,158	42.3
35	0.01338	1,289	0.00269	96,354	478,548	0.98349	3,633,169	37.7
40	0.01968	1,871	0.00397	95,065	470,648	0.97337	3,154,621	33.2
45	0.03371	3,142	0.00686	93,194	458,116	0.95803	2,683,973	28.8
50	0.05051	4,549	0.01036	90,052	438,890	0.93748	2,225,856	24.7
55	0.07517	6,427	0.01562	85,504	411,450	0.91025	1,786,966	20.9
60	0.10551	8,344	0.02228	79,076	374,522	0.87484	1,375,516	17.4
65	0.14713	10,407	0.03176	70,733	327,645	0.83097	1,000,994	14.2
70	0.19470	11,746	0.04314	60,326	272,263	0.75452	673,348	11.2
75	0.30852	14,988	0.07296	48,580	205,429	0.48782 <sup>c</sup>	401,085	8.3
80+	1.00000	33,592	0.17169	33,592	195,655	-	195,655	5.8

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

Jadual 2.2.2: Jadual hayat ringkas bagi etnik Melayu mengikut jantina dan umur, Malaysia. 2022<sup>P</sup> (samb.)

Table 2.2.2: Abridged life table for Malay by sex and age, Malaysia. 2022<sup>P</sup> (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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00600	600	0.00603	100,000	99,441	0.99345 <sup>a</sup>	7,553,522	75.5
1	0.00127	127	0.00032	99,400	397,286	0.99893 <sup>b</sup>	7,454,081	75.0
5	0.00068	68	0.00014	99,273	496,197	0.99914	7,056,796	71.1
10	0.00104	103	0.00021	99,205	495,769	0.99878	6,560,599	66.1
15	0.00140	139	0.00028	99,102	495,165	0.99824	6,064,829	61.2
20	0.00212	209	0.00042	98,964	494,296	0.99723	5,569,664	56.3
25	0.00342	338	0.00069	98,754	492,927	0.99595	5,075,368	51.4
30	0.00469	461	0.00094	98,416	490,929	0.99414	4,582,442	46.6
35	0.00704	690	0.00141	97,955	488,051	0.99064	4,091,513	41.8
40	0.01169	1,137	0.00235	97,265	483,482	0.98453	3,603,462	37.0
45	0.01929	1,854	0.00390	96,128	476,004	0.97488	3,119,980	32.5
50	0.03106	2,928	0.00631	94,274	464,049	0.96171	2,643,976	28.0
55	0.04575	4,179	0.00936	91,346	446,283	0.94173	2,179,927	23.9
60	0.07140	6,224	0.01481	87,167	420,277	0.91423	1,733,644	19.9
65	0.10124	8,195	0.02133	80,943	384,230	0.87828	1,313,367	16.2
70	0.14451	10,513	0.03115	72,749	337,461	0.81258	929,137	12.8
75	0.23759	14,786	0.05392	62,236	274,213	0.53655 <sup>c</sup>	591,676	9.5
80+	1.00000	47,449	0.14946	47,449	317,463	-	317,463	6.7

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

Jadual 2.2.3: Jadual hayat ringkas bagi etnik Bumiputera Lain mengikut jantina dan umur, Malaysia. 2022<sup>P</sup>

Table 2.2.3: Abridged life table for Other Bumiputera by sex and age, Malaysia. 2022<sup>P</sup>

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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00901	901	0.00909	100,000	99,168	0.98990 <sup>a</sup>	7,276,905	72.8
1	0.00248	246	0.00062	99,099	395,782	0.99792 <sup>b</sup>	7,177,736	72.4
5	0.00138	137	0.00028	98,853	493,921	0.99857	6,781,954	68.6
10	0.00148	146	0.00030	98,716	493,214	0.99788	6,288,033	63.7
15	0.00276	272	0.00055	98,570	492,169	0.99623	5,794,819	58.8
20	0.00479	471	0.00096	98,298	490,313	0.99452	5,302,649	53.9
25	0.00616	603	0.00124	97,827	487,628	0.99285	4,812,337	49.2
30	0.00814	792	0.00164	97,224	484,142	0.99016	4,324,708	44.5
35	0.01156	1,114	0.00232	96,432	479,376	0.98469	3,840,567	39.8
40	0.01911	1,821	0.00386	95,318	472,037	0.97549	3,361,190	35.3
45	0.03001	2,806	0.00609	93,497	460,469	0.96460	2,889,153	30.9
50	0.04096	3,715	0.00836	90,691	444,167	0.95112	2,428,684	26.8
55	0.05714	4,969	0.01176	86,976	422,457	0.93071	1,984,517	22.8
60	0.08218	6,739	0.01714	82,007	393,185	0.90745	1,562,060	19.0
65	0.10385	7,816	0.02191	75,267	356,795	0.86851	1,168,875	15.5
70	0.16234	10,950	0.03534	67,451	309,881	0.78707	812,079	12.0
75	0.27333	15,443	0.06332	56,501	243,898	0.51434 <sup>c</sup>	502,199	8.9
80+	1.00000	41,058	0.15895	41,058	258,301	-	258,301	6.3
<b>Lelaki</b> <i>Male</i>								
0	0.00970	970	0.00979	100,000	99,098	0.98928 <sup>a</sup>	7,070,695	70.7
1	0.00245	243	0.00061	99,030	395,543	0.99784 <sup>b</sup>	6,971,596	70.4
5	0.00148	146	0.00030	98,787	493,571	0.99840	6,576,054	66.6
10	0.00172	170	0.00035	98,641	492,781	0.99733	6,082,483	61.7
15	0.00361	355	0.00072	98,471	491,467	0.99483	5,589,702	56.8
20	0.00675	662	0.00135	98,116	488,924	0.99230	5,098,235	52.0
25	0.00866	844	0.00174	97,454	485,160	0.98995	4,609,310	47.3
30	0.01145	1,107	0.00230	96,610	480,283	0.98679	4,124,151	42.7
35	0.01499	1,432	0.00302	95,503	473,938	0.98015	3,643,867	38.2
40	0.02479	2,332	0.00502	94,072	464,529	0.96886	3,169,929	33.7
45	0.03764	3,453	0.00767	91,740	450,065	0.95571	2,705,400	29.5
50	0.05120	4,520	0.01051	88,286	430,132	0.93990	2,255,335	25.5
55	0.06948	5,820	0.01440	83,766	404,281	0.91760	1,825,204	21.8
60	0.09629	7,505	0.02023	77,946	370,967	0.89439	1,420,923	18.2
65	0.11593	8,166	0.02461	70,441	331,789	0.85507	1,049,956	14.9
70	0.17774	11,069	0.03902	62,275	283,702	0.76957	718,167	11.5
75	0.29450	15,080	0.06907	51,206	218,330	0.49748 <sup>c</sup>	434,466	8.5
80+	1.00000	36,126	0.16714	36,126	216,136	-	216,136	6.0

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

Jadual 2.2.3: Jadual hayat ringkas bagi etnik Bumiputera Lain mengikut jantina dan umur, Malaysia, 2022<sup>P</sup> (samb.)

Table 2.2.3: Abridged life table for Other Bumiputera by sex and age, Malaysia, 2022<sup>P</sup> (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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00827	827	0.00833	100,000	99,235	0.99061 <sup>a</sup>	7,504,465	75.0
1	0.00252	250	0.00063	99,173	396,071	0.99797 <sup>b</sup>	7,405,230	74.7
5	0.00128	127	0.00026	98,923	494,299	0.99874	7,009,159	70.9
10	0.00123	121	0.00025	98,796	493,678	0.99846	6,514,860	65.9
15	0.00185	183	0.00037	98,675	492,917	0.99767	6,021,182	61.0
20	0.00280	276	0.00056	98,492	491,770	0.99675	5,528,265	56.1
25	0.00369	363	0.00074	98,216	490,173	0.99569	5,036,495	51.3
30	0.00492	481	0.00099	97,853	488,062	0.99349	4,546,321	46.5
35	0.00811	790	0.00163	97,372	484,884	0.98929	4,058,259	41.7
40	0.01332	1,287	0.00268	96,582	479,692	0.98211	3,573,375	37.0
45	0.02253	2,147	0.00456	95,295	471,109	0.97343	3,093,683	32.5
50	0.03070	2,859	0.00623	93,148	458,593	0.96248	2,622,574	28.2
55	0.04455	4,023	0.00911	90,289	441,389	0.94418	2,163,981	24.0
60	0.06761	5,832	0.01399	86,266	416,751	0.92149	1,722,592	20.0
65	0.09021	7,256	0.01889	80,434	384,030	0.88299	1,305,841	16.2
70	0.14648	10,719	0.03161	73,178	339,093	0.80452	921,811	12.6
75	0.25290	15,796	0.05790	62,459	272,806	0.53184 <sup>c</sup>	582,718	9.3
80+	1.00000	46,663	0.15057	46,663	309,911	-	309,911	6.6

Nota: <sup>a</sup> Daripada umur 0 hingga  
Notes: kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

Jadual 2.2.4: Jadual hayat ringkas bagi etnik Cina mengikut jantina dan umur, Malaysia. 2022<sup>P</sup>  
 Table 2.2.4: Abridged life table for Chinese by sex and age, Malaysia. 2022<sup>P</sup>

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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00402	402	0.00404	100,000	99,623	0.99574 <sup>a</sup>	7,629,674	76.3
1	0.00059	59	0.00015	99,598	398,245	0.99945 <sup>b</sup>	7,530,051	75.6
5	0.00040	40	0.00008	99,539	497,596	0.99958	7,131,806	71.6
10	0.00044	44	0.00009	99,499	497,387	0.99924	6,634,211	66.7
15	0.00107	107	0.00022	99,456	497,010	0.99853	6,136,823	61.7
20	0.00186	185	0.00037	99,349	496,280	0.99770	5,639,813	56.8
25	0.00274	272	0.00055	99,163	495,138	0.99698	5,143,533	51.9
30	0.00331	327	0.00066	98,892	493,640	0.99574	4,648,395	47.0
35	0.00521	513	0.00104	98,564	491,539	0.99289	4,154,754	42.2
40	0.00903	885	0.00181	98,051	488,043	0.98769	3,663,215	37.4
45	0.01562	1,517	0.00315	97,166	482,036	0.97992	3,175,172	32.7
50	0.02461	2,353	0.00498	95,649	472,359	0.96863	2,693,136	28.2
55	0.03831	3,574	0.00781	93,295	457,540	0.95272	2,220,777	23.8
60	0.05661	5,079	0.01165	89,721	435,906	0.92191	1,763,238	19.7
65	0.10087	8,538	0.02124	84,642	401,864	0.86709	1,327,332	15.7
70	0.16855	12,828	0.03681	76,104	348,451	0.78415	925,468	12.2
75	0.27273	17,258	0.06316	63,276	273,238	0.52646 <sup>c</sup>	577,017	9.1
80+	1.00000	46,019	0.15149	46,019	303,779	-	303,779	6.6
<b>Lelaki</b> <i>Male</i>								
0	0.00454	454	0.00456	100,000	99,571	0.99521 <sup>a</sup>	7,364,689	73.6
1	0.00064	64	0.00016	99,546	398,034	0.99938 <sup>b</sup>	7,265,118	73.0
5	0.00045	45	0.00009	99,482	497,299	0.99957	6,867,084	69.0
10	0.00040	40	0.00008	99,437	497,087	0.99908	6,369,786	64.1
15	0.00143	142	0.00029	99,398	496,632	0.99799	5,872,699	59.1
20	0.00258	257	0.00052	99,255	495,635	0.99683	5,376,066	54.2
25	0.00376	372	0.00075	98,999	494,064	0.99584	4,880,431	49.3
30	0.00457	450	0.00092	98,627	492,008	0.99406	4,386,367	44.5
35	0.00731	718	0.00147	98,176	489,087	0.99030	3,894,360	39.7
40	0.01211	1,180	0.00244	97,459	484,343	0.98315	3,405,272	34.9
45	0.02166	2,085	0.00438	96,279	476,181	0.97224	2,920,929	30.3
50	0.03399	3,202	0.00692	94,194	462,964	0.95691	2,444,748	26.0
55	0.05250	4,777	0.01078	90,992	443,016	0.93610	1,981,784	21.8
60	0.07594	6,547	0.01579	86,215	414,706	0.89675	1,538,768	17.8
65	0.13281	10,580	0.02845	79,668	371,888	0.82865	1,124,062	14.1
70	0.21580	14,909	0.04838	69,087	308,165	0.73419	752,175	10.9
75	0.32958	17,856	0.07892	54,179	226,252	0.49043 <sup>c</sup>	444,010	8.2
80+	1.00000	36,322	0.16680	36,322	217,758	-	217,758	6.0

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
 Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
 From age of 75 to 80+

Jadual 2.2.4: Jadual hayat ringkas bagi etnik Cina mengikut jantina dan umur, Malaysia. 2022<sup>P</sup> (samb.)

Table 2.2.4: Abridged life table for Chinese by sex and age, Malaysia. 2022<sup>P</sup> (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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00347	347	0.00348	100,000	99,674	0.99631 <sup>a</sup>	7,950,195	79.5
1	0.00054	54	0.00013	99,653	398,480	0.99952 <sup>b</sup>	7,850,520	78.8
5	0.00034	34	0.00007	99,600	497,914	0.99959	7,452,040	74.8
10	0.00048	48	0.00010	99,566	497,708	0.99941	6,954,127	69.8
15	0.00069	68	0.00014	99,517	497,417	0.99911	6,456,419	64.9
20	0.00109	109	0.00022	99,449	496,974	0.99862	5,959,002	59.9
25	0.00167	166	0.00033	99,341	496,287	0.99814	5,462,028	55.0
30	0.00206	204	0.00041	99,174	495,363	0.99742	4,965,741	50.1
35	0.00311	308	0.00062	98,971	494,084	0.99559	4,470,378	45.2
40	0.00571	563	0.00115	98,663	491,905	0.99249	3,976,294	40.3
45	0.00931	913	0.00187	98,099	488,214	0.98796	3,484,389	35.5
50	0.01480	1,438	0.00298	97,186	482,335	0.98094	2,996,175	30.8
55	0.02339	2,240	0.00473	95,748	473,142	0.97046	2,513,840	26.3
60	0.03583	3,351	0.00730	93,509	459,166	0.94823	2,040,698	21.8
65	0.06830	6,158	0.01414	90,158	435,394	0.90592	1,581,533	17.5
70	0.12174	10,226	0.02593	84,000	394,433	0.83331	1,146,139	13.6
75	0.21787	16,073	0.04890	73,774	328,686	0.56275 <sup>c</sup>	751,706	10.2
80+	1.00000	57,701	0.13640	57,701	423,020	-	423,020	7.3

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

Jadual 2.2.5: Jadual hayat ringkas bagi etnik India mengikut jantina dan umur, Malaysia. 2022<sup>P</sup>  
 Table 2.2.5: Abridged life table for Indians by sex and age, Malaysia. 2022<sup>P</sup>

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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00597	597	0.00601	100,000	99,443	0.99357 <sup>a</sup>	7,056,702	70.6
1	0.00109	108	0.00027	99,403	397,341	0.99904 <sup>b</sup>	6,957,259	70.0
5	0.00066	66	0.00013	99,294	496,307	0.99928	6,559,918	66.1
10	0.00077	77	0.00015	99,229	495,952	0.99819	6,063,611	61.1
15	0.00285	282	0.00057	99,152	495,054	0.99549	5,567,660	56.2
20	0.00618	611	0.00124	98,870	492,821	0.99312	5,072,605	51.3
25	0.00759	746	0.00152	98,259	489,429	0.99110	4,579,784	46.6
30	0.01021	996	0.00205	97,513	485,075	0.98741	4,090,355	41.9
35	0.01499	1,446	0.00302	96,517	478,969	0.98090	3,605,280	37.4
40	0.02327	2,213	0.00471	95,070	469,821	0.96971	3,126,312	32.9
45	0.03747	3,479	0.00764	92,858	455,590	0.95347	2,656,491	28.6
50	0.05595	5,000	0.01151	89,378	434,391	0.93347	2,200,901	24.6
55	0.07774	6,560	0.01618	84,378	405,491	0.90698	1,766,510	20.9
60	0.10959	8,528	0.02319	77,818	367,771	0.87022	1,361,019	17.5
65	0.15246	10,564	0.03301	69,290	320,041	0.82293	993,248	14.3
70	0.20610	12,104	0.04596	58,726	263,371	0.77375	673,207	11.5
75	0.25163	11,732	0.05757	46,622	203,783	0.50277 <sup>c</sup>	409,836	8.8
80+	1.00000	34,891	0.16933	34,891	206,053	-	206,053	5.9
<b>Lelaki</b> <i>Male</i>								
0	0.00703	703	0.00708	100,000	99,341	0.99247 <sup>a</sup>	6,697,097	67.0
1	0.00124	123	0.00031	99,297	396,896	0.99892 <sup>b</sup>	6,597,756	66.4
5	0.00067	66	0.00013	99,174	495,703	0.99929	6,200,860	62.5
10	0.00076	75	0.00015	99,108	495,351	0.99758	5,705,157	57.6
15	0.00408	404	0.00082	99,033	494,153	0.99320	5,209,806	52.6
20	0.00953	940	0.00192	98,629	490,792	0.98953	4,715,653	47.8
25	0.01141	1,115	0.00230	97,688	485,654	0.98676	4,224,861	43.2
30	0.01508	1,456	0.00304	96,573	479,226	0.98156	3,739,207	38.7
35	0.02185	2,078	0.00442	95,117	470,389	0.97255	3,259,981	34.3
40	0.03318	3,087	0.00675	93,039	457,475	0.95688	2,789,591	30.0
45	0.05340	4,803	0.01097	89,951	437,750	0.93377	2,332,116	25.9
50	0.07979	6,794	0.01662	85,148	408,757	0.90883	1,894,366	22.2
55	0.10353	8,112	0.02184	78,354	371,493	0.87837	1,485,609	19.0
60	0.14183	9,962	0.03053	70,243	326,307	0.83648	1,114,117	15.9
65	0.18880	11,381	0.04170	60,280	272,949	0.78668	787,810	13.1
70	0.24355	11,909	0.05546	48,899	214,723	0.73775	514,861	10.5
75	0.28696	10,615	0.06701	36,990	158,413	0.47220 <sup>c</sup>	300,138	8.1
80+	1.00000	26,375	0.18610	26,375	141,725	-	141,725	5.4

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
 Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
 From age of 75 to 80+

Jadual 2.2.5: Jadual hayat ringkas bagi etnik India mengikut jantina dan umur, Malaysia. 2022<sup>P</sup> (samb.)

Table 2.2.5: Abridged life table for Indians by sex and age, Malaysia. 2022<sup>P</sup> (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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00488	488	0.00490	100,000	99,544	0.99472 <sup>a</sup>	7,470,559	74.7
1	0.00094	93	0.00023	99,512	397,816	0.99914 <sup>b</sup>	7,371,015	74.1
5	0.00066	65	0.00013	99,419	496,930	0.99928	6,973,199	70.1
10	0.00079	78	0.00016	99,354	496,572	0.99885	6,476,268	65.2
15	0.00152	151	0.00030	99,275	495,999	0.99796	5,979,697	60.2
20	0.00257	255	0.00051	99,124	494,986	0.99691	5,483,698	55.3
25	0.00361	357	0.00072	98,870	493,457	0.99553	4,988,712	50.5
30	0.00533	525	0.00107	98,513	491,250	0.99343	4,495,255	45.6
35	0.00781	765	0.00157	97,987	488,024	0.98993	4,004,005	40.9
40	0.01235	1,200	0.00248	97,222	483,109	0.98301	3,515,981	36.2
45	0.02168	2,082	0.00438	96,022	474,903	0.97294	3,032,872	31.6
50	0.03256	3,058	0.00662	93,940	462,052	0.95766	2,557,969	27.2
55	0.05246	4,768	0.01077	90,881	442,487	0.93438	2,095,917	23.1
60	0.07951	6,847	0.01656	86,114	413,452	0.90114	1,653,430	19.2
65	0.11989	9,504	0.02551	79,267	372,576	0.85492	1,239,978	15.6
70	0.17370	12,118	0.03804	69,763	318,522	0.80436	867,402	12.4
75	0.22218	12,808	0.04999	57,645	256,208	0.53322 <sup>c</sup>	548,880	9.5
80+	1.00000	44,838	0.15320	44,838	292,672	-	292,672	6.5

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

Jadual 2.2.6: Jadual hayat ringkas bagi etnik Lain-lain<sup>1</sup> mengikut jantina dan umur, Malaysia. 2022<sup>P</sup>

Table 2.2.6: Abridged life table for Others<sup>1</sup> by sex and age, Malaysia. 2022<sup>P</sup>

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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00349	349	0.00351	100,000	99,672	0.99621 <sup>a</sup>	7,545,006	75.5
1	0.00069	68	0.00017	99,651	398,432	0.99936 <sup>b</sup>	7,445,334	74.7
5	0.00050	50	0.00010	99,582	497,787	0.99920	7,046,901	70.8
10	0.00110	110	0.00022	99,533	497,389	0.99871	6,549,115	65.8
15	0.00147	146	0.00029	99,423	496,749	0.99885	6,051,726	60.9
20	0.00083	82	0.00017	99,277	496,177	0.99895	5,554,978	56.0
25	0.00127	126	0.00025	99,194	495,657	0.99824	5,058,801	51.0
30	0.00226	224	0.00045	99,068	494,783	0.99680	4,563,144	46.1
35	0.00415	410	0.00083	98,845	493,198	0.99391	4,068,360	41.2
40	0.00804	791	0.00161	98,434	490,195	0.98780	3,575,162	36.3
45	0.01640	1,601	0.00331	97,643	484,214	0.97178	3,084,967	31.6
50	0.04024	3,865	0.00821	96,042	470,549	0.93976	2,600,753	27.1
55	0.08108	7,474	0.01690	92,177	442,202	0.88903	2,130,204	23.1
60	0.14349	12,154	0.03092	84,703	393,132	0.89196	1,688,002	19.9
65	0.06665	4,835	0.01379	72,549	350,658	0.91908	1,294,870	17.8
70	0.09620	6,514	0.02021	67,714	322,285	0.86348	944,212	13.9
75	0.18114	11,085	0.03983	61,200	278,286	0.55254 <sup>c</sup>	621,927	10.2
80+	1.00000	50,114	0.14583	50,114	343,642	-	343,642	6.9
<b>Lelaki</b> <i>Male</i>								
0	0.00331	331	0.00332	100,000	99,686	0.99640 <sup>a</sup>	7,530,117	75.3
1	0.00070	70	0.00018	99,669	398,511	0.99931 <sup>b</sup>	7,430,431	74.6
5	0.00056	56	0.00011	99,599	497,855	0.99920	7,031,919	70.6
10	0.00103	102	0.00021	99,543	497,459	0.99860	6,534,065	65.6
15	0.00177	176	0.00035	99,441	496,763	0.99871	6,036,606	60.7
20	0.00081	80	0.00016	99,265	496,123	0.99905	5,539,843	55.8
25	0.00109	108	0.00022	99,185	495,653	0.99852	5,043,720	50.9
30	0.00188	186	0.00038	99,076	494,917	0.99725	4,548,067	45.9
35	0.00363	359	0.00073	98,890	493,554	0.99487	4,053,151	41.0
40	0.00663	653	0.00133	98,531	491,024	0.98996	3,559,597	36.1
45	0.01348	1,320	0.00271	97,878	486,093	0.97563	3,068,573	31.4
50	0.03541	3,419	0.00721	96,559	474,245	0.94159	2,582,480	26.7
55	0.08226	7,661	0.01716	93,139	446,543	0.88471	2,108,234	22.6
60	0.15128	12,931	0.03273	85,478	395,061	0.88108	1,661,691	19.4
65	0.08078	5,860	0.01684	72,547	348,082	0.90909	1,266,630	17.5
70	0.10193	6,797	0.02148	66,686	316,438	0.85854	918,548	13.8
75	0.18547	11,108	0.04089	59,889	271,675	0.54880 <sup>c</sup>	602,111	10.1
80+	1.00000	48,781	0.14763	48,781	330,436	-	330,436	6.8

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>1</sup> Termasuk bukan warganegara  
Includes non-citizen

Jadual 2.2.6: Jadual hayat ringkas bagi etnik Lain-lain<sup>1</sup> mengikut jantina dan umur, Malaysia. 2022<sup>P</sup> (samb.)  
 Table 2.2.6: Abridged life table for Others<sup>1</sup> by sex and age, Malaysia. 2022<sup>P</sup> (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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00370	370	0.00371	100,000	99,653	0.99601 <sup>a</sup>	7,537,345	75.4
1	0.00067	67	0.00017	99,630	398,355	0.99941 <sup>b</sup>	7,437,692	74.7
5	0.00043	42	0.00009	99,563	497,711	0.99920	7,039,337	70.7
10	0.00118	118	0.00024	99,521	497,311	0.99890	6,541,626	65.7
15	0.00101	101	0.00020	99,403	496,765	0.99905	6,044,315	60.8
20	0.00088	88	0.00018	99,303	496,294	0.99866	5,547,551	55.9
25	0.00180	179	0.00036	99,215	495,628	0.99735	5,051,257	50.9
30	0.00351	347	0.00070	99,036	494,313	0.99540	4,555,629	46.0
35	0.00569	562	0.00114	98,689	492,040	0.99133	4,061,315	41.2
40	0.01166	1,144	0.00235	98,127	487,775	0.98265	3,569,275	36.4
45	0.02310	2,240	0.00467	96,983	479,313	0.96391	3,081,500	31.8
50	0.04939	4,679	0.01013	94,742	462,015	0.93616	2,602,187	27.5
55	0.07904	7,119	0.01646	90,063	432,520	0.89661	2,140,172	23.8
60	0.12982	10,768	0.02777	82,945	387,802	0.90689	1,707,652	20.6
65	0.05092	3,675	0.01045	72,176	351,693	0.93035	1,319,850	18.3
70	0.08939	6,123	0.01871	68,501	327,197	0.86929	968,157	14.1
75	0.17608	10,983	0.03862	62,378	284,430	0.55624 <sup>c</sup>	640,960	10.3
80+	1.00000	51,394	0.14415	51,394	356,529	-	356,529	6.9

Nota: <sup>a</sup> Daripada umur 0 hingga  
 kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>1</sup> Termasuk bukan warganegara  
*Includes non-citizen*

# MALAYSIA

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2023<sup>e</sup>



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Jadual 2.3: Jadual hayat ringkas mengikut jantina dan umur, Malaysia, 2023<sup>e</sup>

Table 2.3: Abridged life table by sex and age, Malaysia, 2023<sup>e</sup>

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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00654	654	0.00658	100,000	99,392	0.99278 <sup>a</sup>	7,477,476	74.8
1	0.00156	155	0.00039	99,346	396,999	0.99865 <sup>b</sup>	7,378,084	74.3
5	0.00094	94	0.00019	99,191	495,721	0.99893	6,981,085	70.4
10	0.00120	119	0.00024	99,097	495,191	0.99809	6,485,364	65.4
15	0.00263	260	0.00053	98,979	494,243	0.99699	5,990,173	60.5
20	0.00339	335	0.00068	98,718	492,754	0.99634	5,495,930	55.7
25	0.00393	386	0.00079	98,383	490,950	0.99535	5,003,176	50.9
30	0.00538	527	0.00108	97,997	488,667	0.99336	4,512,226	46.0
35	0.00791	771	0.00159	97,470	485,423	0.98983	4,023,558	41.3
40	0.01244	1,203	0.00250	96,699	480,487	0.98334	3,538,136	36.6
45	0.02093	1,999	0.00423	95,496	472,481	0.97294	3,057,649	32.0
50	0.03332	3,115	0.00678	93,497	459,695	0.95844	2,585,167	27.6
55	0.05009	4,527	0.01027	90,381	440,590	0.93826	2,125,472	23.5
60	0.07402	6,355	0.01537	85,855	413,387	0.91151	1,684,882	19.6
65	0.10412	8,278	0.02197	79,500	376,806	0.87323	1,271,495	16.0
70	0.15205	10,830	0.03291	71,222	329,038	0.80586	894,689	12.6
75	0.24377	14,722	0.05552	60,393	265,160	0.53123 <sup>c</sup>	565,651	9.4
80+	1.00000	45,671	0.15199	45,671	300,491	-	300,491	6.6
<b>Lelaki</b> <i>Male</i>								
0	0.00723	723	0.00727	100,000	99,323	0.99207 <sup>a</sup>	7,250,838	72.5
1	0.00169	168	0.00042	99,277	396,712	0.99849 <sup>b</sup>	7,151,515	72.0
5	0.00106	105	0.00021	99,109	495,285	0.99881	6,754,804	68.2
10	0.00132	131	0.00026	99,005	494,697	0.99747	6,259,519	63.2
15	0.00374	370	0.00075	98,874	493,445	0.99577	5,764,822	58.3
20	0.00471	464	0.00095	98,504	491,358	0.99515	5,271,377	53.5
25	0.00499	489	0.00100	98,039	488,974	0.99413	4,780,019	48.8
30	0.00676	659	0.00136	97,550	486,103	0.99152	4,291,045	44.0
35	0.01022	990	0.00205	96,891	481,979	0.98700	3,804,943	39.3
40	0.01580	1,516	0.00319	95,901	475,715	0.97872	3,322,964	34.7
45	0.02684	2,533	0.00544	94,385	465,594	0.96549	2,847,249	30.2
50	0.04239	3,894	0.00866	91,852	449,527	0.94696	2,381,655	25.9
55	0.06417	5,644	0.01326	87,958	425,682	0.92272	1,932,128	22.0
60	0.09129	7,514	0.01913	82,314	392,786	0.89169	1,506,447	18.3
65	0.12705	9,503	0.02713	74,800	350,242	0.84882	1,113,661	14.9
70	0.17882	11,677	0.03928	65,297	297,292	0.77449	763,419	11.7
75	0.28237	15,141	0.06576	53,620	230,249	0.50604 <sup>c</sup>	466,127	8.7
80+	1.00000	38,479	0.16313	38,479	235,878	-	235,878	6.1

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>e</sup> Anggaran  
Estimates

Jadual 2.3: Jadual hayat ringkas mengikut jantina dan umur, Malaysia, 2023<sup>a</sup> (samb.)

Table 2.3: Abridged life table by sex and age, Malaysia, 2023<sup>a</sup> (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n Probability of dying between age x and age x+n	Bilangan kematian di antara umur x dan umur x+n Number of deaths between age x and age x+n	Kadar tengah mortaliti di antara umur x dan umur x+n Central mortality rate between age x and age x+n	Penakat (orang yang masih hidup) pada umur tepat x Survivors at exact age x	Bilangan orang hidup-tahun di antara umur x dan umur x+n Number of person-years lived between age x and age x+n	Nisbah ketakatan Survival ratio	Jumlah bilangan orang hidup-tahun selepas umur tepat x Total number of person-years lived after exact age x	Jangkaan hayat Life expectancy
x	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Perempuan</b> Female								
0	0.00580	580	0.00583	100,000	99,459	0.99358 <sup>a</sup>	7,740,030	77.4
1	0.00143	142	0.00036	99,420	397,329	0.99879 <sup>b</sup>	7,640,571	76.9
5	0.00082	82	0.00016	99,278	496,188	0.99906	7,243,242	73.0
10	0.00106	106	0.00021	99,197	495,719	0.99876	6,747,054	68.0
15	0.00141	140	0.00028	99,091	495,105	0.99837	6,251,335	63.1
20	0.00184	182	0.00037	98,951	494,301	0.99778	5,756,230	58.2
25	0.00261	258	0.00052	98,769	493,203	0.99683	5,261,929	53.3
30	0.00373	368	0.00075	98,512	491,639	0.99547	4,768,727	48.4
35	0.00532	522	0.00107	98,144	489,415	0.99304	4,277,087	43.6
40	0.00860	839	0.00173	97,622	486,011	0.98840	3,787,673	38.8
45	0.01463	1,416	0.00295	96,782	480,373	0.98078	3,301,662	34.1
50	0.02387	2,277	0.00483	95,367	471,142	0.97025	2,821,289	29.6
55	0.03576	3,329	0.00728	93,090	457,127	0.95416	2,350,147	25.2
60	0.05630	5,053	0.01159	89,761	436,170	0.93149	1,893,020	21.1
65	0.08145	6,899	0.01698	84,707	406,288	0.89721	1,456,850	17.2
70	0.12602	9,805	0.02690	77,808	364,526	0.83547	1,050,562	13.5
75	0.20860	14,185	0.04658	68,002	304,549	0.55607 <sup>c</sup>	686,036	10.1
80+	1.00000	53,817	0.14107	53,817	381,487	-	381,487	7.1

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>e</sup> Anggaran  
Estimates

Jadual 2.3.1: Jadual hayat ringkas bagi etnik Bumiputera mengikut jantina dan umur, Malaysia, 2023<sup>e</sup>

Table 2.3.1: Abridged life table for Bumiputera by sex and age, Malaysia, 2023<sup>e</sup>

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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00711	711	0.00715	100,000	99,340	0.99209 <sup>a</sup>	7,379,179	73.8
1	0.00183	182	0.00046	99,289	396,705	0.99842 <sup>b</sup>	7,279,839	73.3
5	0.00111	110	0.00022	99,108	495,263	0.99872	6,883,133	69.5
10	0.00145	143	0.00029	98,997	494,629	0.99770	6,387,871	64.5
15	0.00315	311	0.00063	98,854	493,493	0.99633	5,893,241	59.6
20	0.00419	413	0.00084	98,543	491,683	0.99538	5,399,748	54.8
25	0.00505	496	0.00101	98,130	489,412	0.99413	4,908,065	50.0
30	0.00670	654	0.00134	97,634	486,537	0.99189	4,418,653	45.3
35	0.00953	924	0.00192	96,980	482,591	0.98799	3,932,116	40.5
40	0.01451	1,393	0.00292	96,056	476,797	0.98078	3,449,524	35.9
45	0.02401	2,273	0.00486	94,663	467,632	0.96950	2,972,727	31.4
50	0.03715	3,432	0.00757	92,390	453,370	0.95431	2,505,096	27.1
55	0.05456	4,853	0.01122	88,958	432,656	0.93287	2,051,726	23.1
60	0.08043	6,765	0.01676	84,105	403,611	0.90401	1,619,070	19.3
65	0.11291	8,732	0.02393	77,340	364,868	0.86800	1,215,459	15.7
70	0.15352	10,533	0.03326	68,608	316,706	0.80157	850,590	12.4
75	0.25149	14,605	0.05753	58,075	253,861	0.52450 <sup>c</sup>	533,885	9.2
80+	1.00000	43,470	0.15524	43,470	280,024	-	280,024	6.4
<b>Lelaki</b> <i>Male</i>								
0	0.00782	782	0.00787	100,000	99,269	0.99136 <sup>a</sup>	7,151,561	71.5
1	0.00196	195	0.00049	99,218	396,411	0.99824 <sup>b</sup>	7,052,292	71.1
5	0.00126	125	0.00025	99,023	494,806	0.99854	6,655,881	67.2
10	0.00165	164	0.00033	98,899	494,085	0.99687	6,161,075	62.3
15	0.00461	455	0.00092	98,735	492,539	0.99466	5,666,990	57.4
20	0.00608	598	0.00122	98,280	489,908	0.99350	5,174,451	52.6
25	0.00691	675	0.00139	97,683	486,725	0.99204	4,684,544	48.0
30	0.00902	875	0.00181	97,007	482,849	0.98908	4,197,818	43.3
35	0.01285	1,235	0.00259	96,132	477,575	0.98432	3,714,969	38.6
40	0.01855	1,760	0.00374	94,897	470,087	0.97543	3,237,394	34.1
45	0.03071	2,860	0.00624	93,137	458,536	0.96162	2,767,307	29.7
50	0.04630	4,179	0.00948	90,277	440,936	0.94293	2,308,771	25.6
55	0.06836	5,886	0.01416	86,098	415,774	0.91800	1,867,834	21.7
60	0.09664	7,752	0.02031	80,212	381,680	0.88591	1,452,061	18.1
65	0.13341	9,667	0.02859	72,460	338,133	0.84716	1,070,381	14.8
70	0.17526	11,005	0.03842	62,793	286,453	0.77524	732,248	11.7
75	0.28477	14,748	0.06641	51,788	222,071	0.50185 <sup>c</sup>	445,794	8.6
80+	1.00000	37,040	0.16556	37,040	223,724	-	223,724	6.0

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>e</sup> Anggaran  
Estimates

Jadual 2.3.1: Jadual hayat ringkas bagi etnik Bumiputera mengikut jantina dan umur, Malaysia, 2023<sup>e</sup> (samb.)

Table 2.3.1: Abridged life table for Bumiputera by sex and age, Malaysia, 2023<sup>e</sup> (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00635	635	0.00638	100,000	99,409	0.99291 <sup>a</sup>	7,629,151	76.3
1	0.00169	168	0.00042	99,365	397,045	0.99858 <sup>b</sup>	7,529,741	75.8
5	0.00096	95	0.00019	99,198	495,751	0.99891	7,132,697	71.9
10	0.00122	121	0.00024	99,103	495,210	0.99859	6,636,946	67.0
15	0.00159	157	0.00032	98,981	494,514	0.99811	6,141,735	62.0
20	0.00219	216	0.00044	98,824	493,580	0.99734	5,647,221	57.1
25	0.00314	309	0.00063	98,608	492,266	0.99624	5,153,640	52.3
30	0.00438	431	0.00088	98,299	490,416	0.99470	4,661,374	47.4
35	0.00623	610	0.00125	97,868	487,815	0.99177	4,170,958	42.6
40	0.01023	995	0.00206	97,258	483,803	0.98624	3,683,142	37.9
45	0.01732	1,667	0.00349	96,263	477,147	0.97738	3,199,340	33.2
50	0.02801	2,650	0.00568	94,596	466,354	0.96560	2,722,192	28.8
55	0.04097	3,767	0.00837	91,946	450,311	0.94757	2,255,838	24.5
60	0.06439	5,678	0.01331	88,179	426,699	0.92184	1,805,527	20.5
65	0.09288	7,662	0.01948	82,501	393,349	0.88825	1,378,828	16.7
70	0.13257	9,921	0.02840	74,839	349,391	0.82587	985,479	13.2
75	0.22204	14,414	0.04995	64,918	288,552	0.54636 <sup>c</sup>	636,088	9.8
80+	1.00000	50,503	0.14532	50,503	347,536	-	347,536	6.9

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>e</sup> Anggaran  
Estimates

Jadual 2.3.2: Jadual hayat ringkas bagi etnik Melayu mengikut jantina dan umur, Malaysia, 2023<sup>e</sup>

Table 2.3.2: Abridged life table for Malay by sex and age, Malaysia, 2023<sup>e</sup>

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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00683	683	0.00687	100,000	99,365	0.99244 <sup>a</sup>	7,384,268	73.8
1	0.00168	167	0.00042	99,317	396,853	0.99855 <sup>b</sup>	7,284,903	73.4
5	0.00102	101	0.00020	99,150	495,499	0.99878	6,888,050	69.5
10	0.00141	140	0.00028	99,049	494,896	0.99768	6,392,551	64.5
15	0.00324	320	0.00065	98,909	493,747	0.99636	5,897,655	59.6
20	0.00406	400	0.00081	98,589	491,947	0.99553	5,403,909	54.8
25	0.00489	481	0.00098	98,190	489,746	0.99433	4,911,961	50.0
30	0.00645	630	0.00129	97,709	486,969	0.99211	4,422,215	45.3
35	0.00934	907	0.00188	97,079	483,126	0.98837	3,935,246	40.5
40	0.01394	1,341	0.00281	96,172	477,506	0.98146	3,452,120	35.9
45	0.02320	2,200	0.00469	94,831	468,655	0.97013	2,974,613	31.4
50	0.03670	3,400	0.00748	92,631	454,656	0.95436	2,505,959	27.1
55	0.05491	4,900	0.01129	89,231	433,906	0.93233	2,051,303	23.0
60	0.08116	6,844	0.01692	84,331	404,545	0.90218	1,617,396	19.2
65	0.11595	8,985	0.02462	77,487	364,973	0.86578	1,212,851	15.7
70	0.15489	10,610	0.03358	68,502	315,986	0.80090	847,879	12.4
75	0.25141	14,554	0.05751	57,892	253,075	0.52420 <sup>c</sup>	531,892	9.2
80+	1.00000	43,338	0.15543	43,338	278,818	-	278,818	6.4
<b>Lelaki</b> <i>Male</i>								
0	0.00753	753	0.00758	100,000	99,296	0.99170 <sup>a</sup>	7,153,298	71.5
1	0.00184	183	0.00046	99,247	396,556	0.99834 <sup>b</sup>	7,054,002	71.1
5	0.00118	117	0.00024	99,065	495,031	0.99861	6,657,446	67.2
10	0.00159	157	0.00032	98,948	494,345	0.99680	6,162,415	62.3
15	0.00482	476	0.00097	98,790	492,762	0.99462	5,668,070	57.4
20	0.00594	584	0.00119	98,314	490,112	0.99373	5,175,308	52.6
25	0.00660	645	0.00132	97,730	487,040	0.99247	4,685,196	47.9
30	0.00847	823	0.00170	97,086	483,371	0.98944	4,198,156	43.2
35	0.01267	1,219	0.00255	96,263	478,266	0.98485	3,714,785	38.6
40	0.01767	1,679	0.00357	95,044	471,019	0.97634	3,236,519	34.1
45	0.02975	2,777	0.00604	93,364	459,877	0.96245	2,765,500	29.6
50	0.04558	4,129	0.00933	90,587	442,610	0.94284	2,305,623	25.5
55	0.06930	5,991	0.01436	86,458	417,309	0.91720	1,863,013	21.5
60	0.09731	7,830	0.02046	80,466	382,756	0.88315	1,445,703	18.0
65	0.13849	10,059	0.02976	72,636	338,032	0.84282	1,062,948	14.6
70	0.17888	11,194	0.03929	62,577	284,900	0.77205	724,916	11.6
75	0.28770	14,783	0.06721	51,383	219,958	0.50011 <sup>c</sup>	440,016	8.6
80+	1.00000	36,600	0.16632	36,600	220,058	-	220,058	6.0

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>e</sup> Anggaran  
Estimates

Jadual 2.3.2: Jadual hayat ringkas bagi etnik Melayu mengikut jantina dan umur, Malaysia, 2023<sup>o</sup> (samb.)

Table 2.3.2: Abridged life table for Malay by sex and age, Malaysia, 2023<sup>o</sup> (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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00609	609	0.00612	100,000	99,433	0.99325 <sup>a</sup>	7,637,303	76.4
1	0.00151	150	0.00038	99,391	397,193	0.99873 <sup>b</sup>	7,537,870	75.8
5	0.00085	85	0.00017	99,242	495,996	0.99896	7,140,677	72.0
10	0.00122	121	0.00024	99,157	495,482	0.99862	6,644,681	67.0
15	0.00153	152	0.00031	99,036	494,800	0.99821	6,149,199	62.1
20	0.00205	203	0.00041	98,884	493,913	0.99741	5,654,399	57.2
25	0.00312	308	0.00063	98,681	492,636	0.99623	5,160,486	52.3
30	0.00442	435	0.00089	98,373	490,779	0.99478	4,667,850	47.5
35	0.00603	591	0.00121	97,938	488,215	0.99200	4,177,070	42.6
40	0.00998	971	0.00201	97,348	484,310	0.98671	3,688,855	37.9
45	0.01663	1,603	0.00335	96,377	477,876	0.97782	3,204,545	33.3
50	0.02782	2,636	0.00564	94,774	467,279	0.96574	2,726,669	28.8
55	0.04088	3,767	0.00835	92,138	451,271	0.94719	2,259,390	24.5
60	0.06526	5,767	0.01349	88,371	427,438	0.92063	1,808,119	20.5
65	0.09447	7,804	0.01983	82,604	393,512	0.88760	1,380,680	16.7
70	0.13219	9,888	0.02831	74,801	349,283	0.82712	987,168	13.2
75	0.21976	14,265	0.04938	64,913	288,900	0.54710 <sup>c</sup>	637,885	9.8
80+	1.00000	50,647	0.14513	50,647	348,985	-	348,985	6.9

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>e</sup> Anggaran  
*Estimates*

Jadual 2.3.3: Jadual hayat ringkas bagi etnik Bumiputera Lain mengikut jantina dan umur, Malaysia, 2023<sup>e</sup>

Table 2.3.3: Abridged life table for Other Bumiputera by sex and age, Malaysia, 2023<sup>e</sup>

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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00867	867	0.00874	100,000	99,199	0.99014 <sup>a</sup>	7,352,387	73.5
1	0.00267	264	0.00067	99,133	395,873	0.99833 <sup>b</sup>	7,253,188	73.2
5	0.00159	157	0.00032	98,869	493,950	0.99856	6,857,315	69.4
10	0.00161	159	0.00032	98,711	493,159	0.99790	6,363,365	64.5
15	0.00279	275	0.00056	98,552	492,073	0.99646	5,870,206	59.6
20	0.00484	476	0.00097	98,277	490,195	0.99434	5,378,133	54.7
25	0.00574	562	0.00115	97,801	487,602	0.99239	4,887,937	50.0
30	0.00780	759	0.00157	97,240	484,302	0.98965	4,400,335	45.3
35	0.01045	1,009	0.00210	96,481	479,883	0.98412	3,916,034	40.6
40	0.01727	1,649	0.00348	95,472	473,240	0.97489	3,436,150	36.0
45	0.02804	2,631	0.00569	93,824	462,542	0.96379	2,962,910	31.6
50	0.03926	3,580	0.00801	91,193	447,015	0.94961	2,500,368	27.4
55	0.05299	4,643	0.01089	87,613	426,458	0.92898	2,053,354	23.4
60	0.07689	6,380	0.01599	82,970	398,902	0.90673	1,626,895	19.6
65	0.09790	7,498	0.02059	76,590	364,207	0.86939	1,227,993	16.0
70	0.14646	10,119	0.03161	69,092	320,164	0.79074	863,786	12.5
75	0.25204	14,863	0.05768	58,973	257,708	0.51594 <sup>c</sup>	543,623	9.2
80+	1.00000	44,110	0.15428	44,110	285,915	-	285,915	6.5
<b>Lelaki</b> <i>Male</i>								
0	0.00944	944	0.00952	100,000	99,122	0.98945 <sup>a</sup>	7,140,162	71.4
1	0.00264	261	0.00066	99,056	395,603	0.99765 <sup>b</sup>	7,041,040	71.1
5	0.00167	165	0.00033	98,795	493,561	0.99819	6,645,437	67.3
10	0.00195	192	0.00039	98,630	492,668	0.99716	6,151,877	62.4
15	0.00372	366	0.00075	98,437	491,271	0.99475	5,659,209	57.5
20	0.00677	664	0.00136	98,071	488,694	0.99246	5,167,938	52.7
25	0.00831	809	0.00167	97,407	485,010	0.99012	4,679,243	48.0
30	0.01146	1,107	0.00231	96,598	480,220	0.98741	4,194,233	43.4
35	0.01373	1,311	0.00277	95,491	474,174	0.98170	3,714,013	38.9
40	0.02292	2,159	0.00464	94,179	465,499	0.97085	3,239,839	34.4
45	0.03553	3,269	0.00723	92,020	451,929	0.95753	2,774,340	30.1
50	0.04968	4,409	0.01019	88,751	432,734	0.94327	2,322,412	26.2
55	0.06415	5,411	0.01326	84,342	408,185	0.92169	1,889,678	22.4
60	0.09345	7,376	0.01961	78,932	376,218	0.89872	1,481,493	18.8
65	0.10991	7,865	0.02326	71,556	338,117	0.86783	1,105,275	15.4
70	0.15718	10,011	0.03412	63,691	293,427	0.79093	767,158	12.0
75	0.27063	14,527	0.06260	53,680	232,081	0.51010 <sup>c</sup>	473,732	8.8
80+	1.00000	39,153	0.16202	39,153	241,651	-	241,651	6.2

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>e</sup> Anggaran  
Estimates

Jadual 2.3.3: Jadual hayat ringkas bagi etnik Bumiputera Lain mengikut jantina dan umur, Malaysia, 2023<sup>a</sup> (samb.)

Table 2.3.3: Abridged life table for Other Bumiputera by sex and age, Malaysia, 2023<sup>a</sup> (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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00784	784	0.00790	100,000	99,274	0.99095 <sup>a</sup>	7,585,208	75.9
1	0.00269	267	0.00067	99,216	396,199	0.99778 <sup>b</sup>	7,485,934	75.5
5	0.00151	149	0.00030	98,949	494,372	0.99862	7,089,735	71.7
10	0.00126	124	0.00025	98,800	493,689	0.99846	6,595,363	66.8
15	0.00182	180	0.00036	98,676	492,930	0.99767	6,101,674	61.8
20	0.00285	281	0.00057	98,496	491,779	0.99697	5,608,744	56.9
25	0.00322	316	0.00064	98,216	490,288	0.99628	5,116,964	52.1
30	0.00423	414	0.00085	97,900	488,464	0.99429	4,626,676	47.3
35	0.00720	702	0.00145	97,486	485,673	0.99066	4,138,212	42.4
40	0.01149	1,112	0.00231	96,784	481,137	0.98393	3,652,539	37.7
45	0.02070	1,980	0.00418	95,671	473,405	0.97520	3,171,402	33.1
50	0.02900	2,717	0.00588	93,691	461,662	0.96483	2,697,997	28.8
55	0.04154	3,779	0.00848	90,974	445,423	0.94935	2,236,335	24.6
60	0.06016	5,245	0.01240	87,195	422,863	0.92799	1,790,912	20.5
65	0.08462	6,935	0.01767	81,950	392,413	0.89131	1,368,049	16.7
70	0.13498	10,125	0.02895	75,015	349,762	0.81899	975,636	13.0
75	0.23422	15,199	0.05306	64,890	286,451	0.54232 <sup>c</sup>	625,874	9.6
80+	1.00000	49,691	0.14640	49,691	339,423	-	339,423	6.8

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>e</sup> Anggaran  
*Estimates*

Jadual 2.3.4: Jadual hayat ringkas bagi etnik Cina mengikut jantina dan umur, Malaysia, 2023<sup>e</sup>

Table 2.3.4: Abridged life table for Chinese by sex and age, Malaysia, 2023<sup>e</sup>

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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00389	389	0.00391	100,000	99,635	0.99576 <sup>a</sup>	7,702,928	77.0
1	0.00081	80	0.00020	99,611	398,243	0.99930 <sup>b</sup>	7,603,293	76.3
5	0.00050	49	0.00010	99,530	497,528	0.99951	7,205,050	72.4
10	0.00049	49	0.00010	99,481	497,282	0.99911	6,707,522	67.4
15	0.00128	127	0.00026	99,432	496,842	0.99840	6,210,240	62.5
20	0.00192	191	0.00039	99,305	496,046	0.99775	5,713,398	57.5
25	0.00258	256	0.00052	99,114	494,928	0.99705	5,217,352	52.6
30	0.00332	328	0.00067	98,858	493,467	0.99579	4,722,424	47.8
35	0.00509	502	0.00102	98,529	491,391	0.99323	4,228,957	42.9
40	0.00846	829	0.00170	98,028	488,065	0.98854	3,737,566	38.1
45	0.01449	1,408	0.00292	97,198	482,471	0.98130	3,249,501	33.4
50	0.02298	2,201	0.00465	95,790	473,447	0.97087	2,767,030	28.9
55	0.03543	3,316	0.00721	93,589	459,654	0.95647	2,293,583	24.5
60	0.05192	4,687	0.01066	90,273	439,647	0.92977	1,833,928	20.3
65	0.08954	7,663	0.01875	85,586	408,770	0.87932	1,394,282	16.3
70	0.15489	12,070	0.03358	77,923	359,439	0.80240	985,511	12.6
75	0.24813	16,340	0.05665	65,853	288,415	0.53933 <sup>c</sup>	626,072	9.5
80+	1.00000	49,513	0.14664	49,513	337,657	-	337,657	6.8
<b>Lelaki</b> <i>Male</i>								
0	0.00463	463	0.00465	100,000	99,563	0.99494 <sup>a</sup>	7,436,827	74.4
1	0.00103	103	0.00026	99,537	397,905	0.99914 <sup>b</sup>	7,337,265	73.7
5	0.00054	53	0.00011	99,434	497,038	0.99949	6,939,360	69.8
10	0.00048	48	0.00010	99,381	496,785	0.99897	6,442,322	64.8
15	0.00159	158	0.00032	99,333	496,271	0.99789	5,945,537	59.9
20	0.00264	262	0.00053	99,175	495,223	0.99686	5,449,265	54.9
25	0.00365	361	0.00073	98,914	493,668	0.99586	4,954,042	50.1
30	0.00463	456	0.00093	98,553	491,626	0.99424	4,460,375	45.3
35	0.00689	676	0.00138	98,097	488,796	0.99075	3,968,748	40.5
40	0.01164	1,134	0.00234	97,421	484,272	0.98409	3,479,952	35.7
45	0.02023	1,948	0.00409	96,288	476,569	0.97397	2,995,680	31.1
50	0.03194	3,014	0.00649	94,340	464,166	0.95949	2,519,111	26.7
55	0.04937	4,508	0.01012	91,326	445,361	0.94074	2,054,944	22.5
60	0.06967	6,048	0.01444	86,818	418,969	0.90693	1,609,583	18.5
65	0.11823	9,550	0.02513	80,770	379,974	0.84473	1,190,614	14.7
70	0.19728	14,050	0.04377	71,220	320,974	0.75527	810,640	11.4
75	0.30385	17,371	0.07166	57,170	242,421	0.50493 <sup>c</sup>	489,666	8.6
80+	1.00000	39,799	0.16097	39,799	247,245	-	247,245	6.2

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>e</sup> Anggaran  
Estimates

Jadual 2.3.4: Jadual hayat ringkas bagi etnik Cina mengikut jantina dan umur, Malaysia, 2023<sup>e</sup> (samb.)

Table 2.3.4: Abridged life table for Chinese by sex and age, Malaysia, 2023<sup>e</sup> (cont'd)

Umur Age	Kebarangkalian mati di antara umur x dan umur x+n Probability of dying between age x and age x+n	Bilangan kematian di antara umur x dan umur x+n Number of deaths between age x and age x+n	Kadar tengah mortaliti di antara umur x dan umur x+n Central mortality rate between age x and age x+n	Penakat (orang yang masih hidup) pada umur tepat x Survivors at exact age x	Bilangan orang hidup-tahun di antara umur x dan umur x+n Number of person-years lived between age x and age x+n	Nisbah ketakatan Survival ratio	Jumlah bilangan orang hidup-tahun selepas umur tepat x Total number of person-years lived after exact age x	Jangkaan hayat Life expectancy
x	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Perempuan</b> Female								
0	0.00312	312	0.00313	100,000	99,707	0.99663 <sup>a</sup>	8,019,482	80.2
1	0.00058	57	0.00014	99,688	398,610	0.99944 <sup>b</sup>	7,919,775	79.4
5	0.00046	45	0.00009	99,631	498,040	0.99952	7,521,165	75.5
10	0.00050	50	0.00010	99,585	497,802	0.99928	7,023,125	70.5
15	0.00095	95	0.00019	99,536	497,442	0.99894	6,525,322	65.6
20	0.00116	115	0.00023	99,441	496,917	0.99869	6,027,880	60.6
25	0.00147	146	0.00029	99,326	496,264	0.99826	5,530,963	55.7
30	0.00201	199	0.00040	99,180	495,401	0.99734	5,034,699	50.8
35	0.00331	328	0.00066	98,981	494,083	0.99580	4,539,298	45.9
40	0.00508	502	0.00102	98,653	492,009	0.99322	4,045,215	41.0
45	0.00849	833	0.00171	98,151	488,672	0.98899	3,553,206	36.2
50	0.01354	1,318	0.00273	97,318	483,293	0.98278	3,064,534	31.5
55	0.02096	2,012	0.00424	96,000	474,969	0.97319	2,581,241	26.9
60	0.03280	3,082	0.00667	93,988	462,233	0.95363	2,106,272	22.4
65	0.06040	5,490	0.01246	90,905	440,801	0.91388	1,644,039	18.1
70	0.11349	9,694	0.02406	85,415	402,840	0.84795	1,203,238	14.1
75	0.19555	14,807	0.04335	75,721	341,587	0.57323 <sup>c</sup>	800,398	10.6
80+	1.00000	60,914	0.13276	60,914	458,811	-	458,811	7.5

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>e</sup> Anggaran  
Estimates

Jadual 2.3.5: Jadual hayat ringkas bagi etnik India mengikut jantina dan umur, Malaysia, 2023<sup>e</sup>  
 Table 2.3.5: Abridged life table for Indians by sex and age, Malaysia, 2023<sup>e</sup>

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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00652	652	0.00656	100,000	99,393	0.99289 <sup>a</sup>	7,141,783	71.4
1	0.00138	137	0.00035	99,348	397,050	0.99872 <sup>b</sup>	7,042,390	70.9
5	0.00099	98	0.00020	99,210	495,807	0.99906	6,645,340	67.0
10	0.00089	88	0.00018	99,112	495,342	0.99809	6,149,533	62.0
15	0.00292	289	0.00059	99,024	494,399	0.99546	5,654,190	57.1
20	0.00617	609	0.00124	98,735	492,153	0.99311	5,159,792	52.3
25	0.00761	747	0.00153	98,126	488,764	0.99116	4,667,639	47.6
30	0.01008	981	0.00203	97,380	484,445	0.98820	4,178,874	42.9
35	0.01354	1,306	0.00273	96,398	478,728	0.98248	3,694,429	38.3
40	0.02155	2,049	0.00436	95,093	470,341	0.97226	3,215,701	33.8
45	0.03407	3,170	0.00693	93,044	457,293	0.95752	2,745,360	29.5
50	0.05118	4,600	0.01051	89,874	437,868	0.93908	2,288,067	25.5
55	0.07118	6,070	0.01476	85,274	411,194	0.91516	1,850,199	21.7
60	0.09954	7,884	0.02095	79,204	376,310	0.88126	1,439,005	18.2
65	0.14007	9,990	0.03012	71,320	331,625	0.83666	1,062,695	14.9
70	0.19039	11,677	0.04208	61,330	277,459	0.79198	731,070	11.9
75	0.22979	11,410	0.05192	49,653	219,743	0.51557 <sup>c</sup>	453,612	9.1
80+	1.00000	38,244	0.16353	38,244	233,869	-	233,869	6.1
<b>Lelaki</b> <i>Male</i>								
0	0.00812	812	0.00818	100,000	99,242	0.99121 <sup>a</sup>	6,756,172	67.6
1	0.00166	164	0.00041	99,188	396,363	0.99852 <sup>b</sup>	6,656,930	67.1
5	0.00099	98	0.00020	99,024	494,873	0.99916	6,260,567	63.2
10	0.00068	67	0.00014	98,926	494,460	0.99750	5,765,694	58.3
15	0.00433	428	0.00087	98,858	493,222	0.99278	5,271,234	53.3
20	0.01013	997	0.00204	98,431	489,660	0.98924	4,778,012	48.5
25	0.01139	1,110	0.00229	97,433	484,394	0.98667	4,288,352	44.0
30	0.01530	1,474	0.00308	96,324	477,935	0.98197	3,803,959	39.5
35	0.02081	1,974	0.00421	94,850	469,316	0.97348	3,326,023	35.1
40	0.03234	3,004	0.00658	92,876	456,871	0.95884	2,856,707	30.8
45	0.05027	4,518	0.01031	89,872	438,065	0.93835	2,399,836	26.7
50	0.07362	6,284	0.01529	85,354	411,060	0.91516	1,961,770	23.0
55	0.09695	7,666	0.02038	79,070	376,184	0.88780	1,550,711	19.6
60	0.12908	9,217	0.02760	71,404	333,977	0.84782	1,174,526	16.4
65	0.17870	11,113	0.03925	62,187	283,153	0.80092	840,549	13.5
70	0.22388	11,435	0.05042	51,074	226,784	0.75490	557,396	10.9
75	0.27244	10,800	0.06308	39,640	171,199	0.48218 <sup>c</sup>	330,612	8.3
80+	1.00000	28,840	0.18091	28,840	159,413	-	159,413	5.5

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
 Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
 From age of 75 to 80+

<sup>e</sup> Anggaran  
 Estimates

Jadual 2.3.5: Jadual hayat ringkas bagi etnik India mengikut jantina dan umur, Malaysia, 2023<sup>e</sup> (samb.)

Table 2.3.5: Abridged life table for Indians by sex and age, Malaysia, 2023<sup>e</sup> (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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00485	485	0.00488	100,000	99,546	0.99467 <sup>a</sup>	7,587,581	75.9
1	0.00110	109	0.00027	99,515	397,787	0.99890 <sup>b</sup>	7,488,035	75.2
5	0.00097	97	0.00019	99,405	496,785	0.99897	7,090,248	71.3
10	0.00110	109	0.00022	99,309	496,271	0.99872	6,593,464	66.4
15	0.00146	144	0.00029	99,200	495,637	0.99830	6,097,193	61.5
20	0.00194	192	0.00039	99,055	494,796	0.99720	5,601,556	56.5
25	0.00366	362	0.00073	98,863	493,410	0.99572	5,106,760	51.7
30	0.00490	482	0.00098	98,501	491,298	0.99454	4,613,350	46.8
35	0.00602	590	0.00121	98,018	488,616	0.99210	4,122,052	42.1
40	0.00979	954	0.00197	97,428	484,756	0.98628	3,633,435	37.3
45	0.01770	1,707	0.00357	96,474	478,104	0.97662	3,148,679	32.6
50	0.02917	2,764	0.00592	94,767	466,925	0.96254	2,670,575	28.2
55	0.04599	4,232	0.00942	92,003	449,436	0.94148	2,203,650	24.0
60	0.07164	6,288	0.01486	87,771	423,136	0.91189	1,754,215	20.0
65	0.10585	8,625	0.02235	81,483	385,852	0.86805	1,331,079	16.3
70	0.16115	11,741	0.03505	72,858	334,938	0.82338	945,226	13.0
75	0.19507	11,922	0.04323	61,117	275,780	0.54812 <sup>c</sup>	610,289	10.0
80+	1.00000	49,195	0.14707	49,195	334,509	-	334,509	6.8

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>e</sup> Anggaran  
*Estimates*

Jadual 2.3.6: Jadual hayat ringkas bagi etnik Lain-lain<sup>1</sup> mengikut jantina dan umur, Malaysia, 2023<sup>e</sup>

Table 2.3.6: Abridged life table for Others<sup>1</sup> by sex and age, Malaysia, 2023<sup>e</sup>

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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00295	295	0.00296	100,000	99,722	0.99673 <sup>a</sup>	7,925,579	79.3
1	0.00071	71	0.00018	99,705	398,644	0.99940 <sup>b</sup>	7,825,856	78.5
5	0.00041	41	0.00008	99,634	498,069	0.99928	7,427,213	74.5
10	0.00103	103	0.00021	99,594	497,711	0.99892	6,929,144	69.6
15	0.00114	113	0.00023	99,491	497,172	0.99915	6,431,432	64.6
20	0.00057	57	0.00011	99,378	496,748	0.99941	5,934,260	59.7
25	0.00060	60	0.00012	99,321	496,457	0.99918	5,437,512	54.7
30	0.00104	103	0.00021	99,262	496,051	0.99875	4,941,055	49.8
35	0.00146	145	0.00029	99,159	495,431	0.99809	4,445,005	44.8
40	0.00235	233	0.00047	99,014	494,486	0.99598	3,949,574	39.9
45	0.00569	562	0.00114	98,781	492,497	0.98770	3,455,088	35.0
50	0.01894	1,860	0.00382	98,218	486,440	0.96573	2,962,591	30.2
55	0.04990	4,808	0.01024	96,358	469,768	0.92143	2,476,152	25.7
60	0.10875	9,956	0.02300	91,549	432,858	0.91882	2,006,384	21.9
65	0.05026	4,101	0.01031	81,594	397,718	0.93938	1,573,526	19.3
70	0.07153	5,543	0.01484	77,493	373,609	0.89447	1,175,808	15.2
75	0.14215	10,228	0.03061	71,950	334,182	0.58342 <sup>c</sup>	802,199	11.1
80+	1.00000	61,722	0.13188	61,722	468,018	-	468,018	7.6
<b>Lelaki</b> <i>Male</i>								
0	0.00270	270	0.00271	100,000	99,743	0.99702 <sup>a</sup>	7,886,277	78.9
1	0.00066	66	0.00017	99,730	398,764	0.99939 <sup>b</sup>	7,786,534	78.1
5	0.00046	46	0.00009	99,664	498,204	0.99933	7,387,770	74.1
10	0.00088	88	0.00018	99,618	497,869	0.99892	6,889,565	69.2
15	0.00127	126	0.00025	99,530	497,333	0.99906	6,391,697	64.2
20	0.00060	60	0.00012	99,403	496,867	0.99942	5,894,364	59.3
25	0.00056	55	0.00011	99,344	496,581	0.99930	5,397,497	54.3
30	0.00084	83	0.00017	99,289	496,234	0.99894	4,900,916	49.4
35	0.00128	127	0.00026	99,205	495,709	0.99845	4,404,682	44.4
40	0.00183	181	0.00037	99,079	494,941	0.99676	3,908,973	39.5
45	0.00466	461	0.00093	98,898	493,337	0.98878	3,414,032	34.5
50	0.01782	1,754	0.00360	98,437	487,800	0.96494	2,920,696	29.7
55	0.05262	5,088	0.01081	96,683	470,696	0.91644	2,432,896	25.2
60	0.11621	10,645	0.02468	91,595	431,365	0.90996	1,962,200	21.4
65	0.06043	4,892	0.01246	80,951	392,525	0.93126	1,530,835	18.9
70	0.07759	5,902	0.01615	76,059	365,542	0.88961	1,138,310	15.0
75	0.14595	10,240	0.03149	70,158	325,189	0.57919 <sup>c</sup>	772,768	11.0
80+	1.00000	59,918	0.13387	59,918	447,579	-	447,579	7.5

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>1</sup> Termasuk bukan warganegara  
Includes non-citizen

<sup>e</sup> Anggaran  
Estimates

Jadual 2.3.6: Jadual hayat ringkas bagi etnik Lain-lain<sup>1</sup> mengikut jantina dan umur, Malaysia, 2023<sup>e</sup> (samb.)

Table 2.3.6: Abridged life table for Others<sup>1</sup> by sex and age, Malaysia, 2023<sup>e</sup> (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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00322	322	0.00323	100,000	99,697	0.99644 <sup>a</sup>	7,975,901	79.8
1	0.00076	76	0.00019	99,678	398,524	0.99941 <sup>b</sup>	7,876,203	79.0
5	0.00034	34	0.00007	99,602	497,925	0.99924	7,477,680	75.1
10	0.00119	118	0.00024	99,568	497,544	0.99894	6,979,755	70.1
15	0.00093	93	0.00019	99,450	497,017	0.99928	6,482,211	65.2
20	0.00050	50	0.00010	99,357	496,661	0.99938	5,985,194	60.2
25	0.00074	73	0.00015	99,307	496,354	0.99879	5,488,533	55.3
30	0.00168	167	0.00034	99,234	495,753	0.99815	4,992,180	50.3
35	0.00202	200	0.00040	99,067	494,836	0.99714	4,496,427	45.4
40	0.00371	367	0.00074	98,867	493,421	0.99412	4,001,590	40.5
45	0.00807	795	0.00162	98,501	490,517	0.98548	3,508,170	35.6
50	0.02103	2,055	0.00425	97,706	483,393	0.96711	3,017,653	30.9
55	0.04501	4,305	0.00921	95,651	467,494	0.93042	2,534,260	26.5
60	0.09530	8,706	0.02001	91,346	434,967	0.93150	2,066,766	22.6
65	0.03888	3,213	0.00793	82,640	405,170	0.94879	1,631,799	19.7
70	0.06404	5,086	0.01323	79,427	384,421	0.90057	1,226,630	15.4
75	0.13725	10,203	0.02947	74,341	346,196	0.58894 <sup>c</sup>	842,209	11.3
80+	1.00000	64,137	0.12931	64,137	496,013	-	496,013	7.7

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>1</sup> Termasuk bukan warganegara  
*Includes non-citizen*

<sup>e</sup> Anggaran  
*Estimates*

# JADUAL HAYAT RINGKAS

*ABRIDGED LIFE  
TABLES*

**NEGERI/ STATE**



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# NEGERI *STATE*

**2021**



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Jadual 3.1: Jadual hayat ringkas mengikut jantina dan umur, Johor, 2021

Table 3.1: Abridged life table by sex and age, Johor, 2021

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00654	654	0.00658	100,000	99,391	0.99301 <sup>a</sup>	7,364,259	73.6
1	0.00108	107	0.00027	99,346	397,116	0.99902 <sup>b</sup>	7,264,867	73.1
5	0.00068	67	0.00014	99,238	496,023	0.99915	6,867,751	69.2
10	0.00102	101	0.00020	99,171	495,601	0.99820	6,371,728	64.2
15	0.00258	256	0.00052	99,070	494,708	0.99704	5,876,127	59.3
20	0.00333	329	0.00067	98,814	493,246	0.99619	5,381,419	54.5
25	0.00430	424	0.00086	98,485	491,365	0.99470	4,888,173	49.6
30	0.00631	618	0.00127	98,061	488,759	0.99201	4,396,808	44.8
35	0.00968	943	0.00195	97,443	484,855	0.98727	3,908,049	40.1
40	0.01582	1,526	0.00319	96,499	478,680	0.98013	3,423,194	35.5
45	0.02398	2,277	0.00485	94,973	469,171	0.97038	2,944,514	31.0
50	0.03540	3,281	0.00721	92,696	455,275	0.95611	2,475,342	26.7
55	0.05269	4,712	0.01082	89,414	435,293	0.93638	2,020,067	22.6
60	0.07515	6,365	0.01562	84,703	407,601	0.90088	1,584,774	18.7
65	0.12504	9,796	0.02668	78,338	367,200	0.84653	1,177,173	15.0
70	0.18597	12,747	0.04101	68,542	310,844	0.77803	809,973	11.8
75	0.26619	14,852	0.06141	55,795	241,846	0.51546 <sup>c</sup>	499,129	8.9
80+	1.00000	40,943	0.15914	40,943	257,283	-	257,283	6.3
<b>Lelaki</b> <i>Male</i>								
0	0.00703	703	0.00708	100,000	99,341	0.99253 <sup>a</sup>	7,150,927	71.5
1	0.00112	111	0.00028	99,297	396,926	0.99896 <sup>b</sup>	7,051,586	71.0
5	0.00073	72	0.00015	99,186	495,751	0.99899	6,654,660	67.1
10	0.00130	129	0.00026	99,114	495,248	0.99743	6,158,910	62.1
15	0.00383	380	0.00077	98,985	493,977	0.99591	5,663,662	57.2
20	0.00434	428	0.00087	98,606	491,958	0.99522	5,169,685	52.4
25	0.00522	512	0.00105	98,178	489,607	0.99362	4,677,726	47.6
30	0.00755	737	0.00152	97,665	486,483	0.99040	4,188,119	42.9
35	0.01166	1,130	0.00235	96,928	481,813	0.98468	3,701,636	38.2
40	0.01903	1,823	0.00384	95,797	474,430	0.97589	3,219,823	33.6
45	0.02928	2,752	0.00594	93,975	462,994	0.96375	2,745,393	29.2
50	0.04343	3,961	0.00888	91,223	446,210	0.94579	2,282,399	25.0
55	0.06549	5,714	0.01354	87,261	422,021	0.92087	1,836,189	21.0
60	0.09372	7,643	0.01967	81,547	388,628	0.87812	1,414,168	17.3
65	0.15294	11,303	0.03312	73,904	341,263	0.81654	1,025,540	13.9
70	0.21948	13,740	0.04931	62,601	278,655	0.74303	684,278	10.9
75	0.30499	14,902	0.07197	48,861	207,050	0.48955 <sup>c</sup>	405,623	8.3
80+	1.00000	33,959	0.17102	33,959	198,573	-	198,573	5.8

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

Jadual 3.1: Jadual hayat ringkas mengikut jantina dan umur, Johor, 2021 (samb.)

Table 3.1: Abridged life table by sex and age, Johor, 2021 (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00602	602	0.00606	100,000	99,439	0.99354 <sup>a</sup>	7,623,922	76.2
1	0.00105	104	0.00026	99,398	397,331	0.99908 <sup>b</sup>	7,524,483	75.7
5	0.00063	62	0.00013	99,293	496,311	0.99932	7,127,152	71.8
10	0.00072	72	0.00015	99,231	495,975	0.99905	6,630,841	66.8
15	0.00118	117	0.00024	99,159	495,503	0.99841	6,134,866	61.9
20	0.00201	199	0.00040	99,042	494,714	0.99746	5,639,363	56.9
25	0.00307	303	0.00061	98,843	493,458	0.99610	5,144,649	52.0
30	0.00474	467	0.00095	98,540	491,534	0.99398	4,651,191	47.2
35	0.00732	718	0.00147	98,074	488,573	0.99034	4,159,657	42.4
40	0.01202	1,170	0.00242	97,356	483,853	0.98503	3,671,085	37.7
45	0.01796	1,728	0.00363	96,186	476,608	0.97758	3,187,232	33.1
50	0.02696	2,547	0.00547	94,458	465,922	0.96739	2,710,623	28.7
55	0.03841	3,530	0.00783	91,911	450,730	0.95307	2,244,701	24.4
60	0.05579	4,930	0.01148	88,381	429,579	0.92421	1,793,971	20.3
65	0.09698	8,093	0.02038	83,450	397,019	0.87700	1,364,393	16.3
70	0.15182	11,441	0.03286	75,357	348,185	0.81325	967,373	12.8
75	0.22792	14,568	0.05145	63,917	283,162	0.54269 <sup>c</sup>	619,189	9.7
80+	1.00000	49,348	0.14686	49,348	336,026	-	336,026	6.8

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

Jadual 3.2: Jadual hayat ringkas mengikut jantina dan umur, Kedah, 2021

Table 3.2: Abridged life table by sex and age, Kedah, 2021

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00583	583	0.00586	100,000	99,456	0.99363 <sup>a</sup>	7,216,257	72.2
1	0.00124	123	0.00031	99,417	397,361	0.99889 <sup>b</sup>	7,116,801	71.6
5	0.00081	80	0.00016	99,294	496,268	0.99903	6,719,440	67.7
10	0.00113	112	0.00023	99,214	495,788	0.99795	6,223,172	62.7
15	0.00297	294	0.00059	99,102	494,773	0.99653	5,727,384	57.8
20	0.00397	393	0.00080	98,807	493,056	0.99530	5,232,611	53.0
25	0.00542	534	0.00109	98,415	490,740	0.99275	4,739,555	48.2
30	0.00909	889	0.00183	97,881	487,182	0.98833	4,248,815	43.4
35	0.01427	1,384	0.00287	96,992	481,499	0.98176	3,761,632	38.8
40	0.02227	2,129	0.00450	95,608	472,717	0.97285	3,280,133	34.3
45	0.03214	3,004	0.00653	93,479	459,883	0.96134	2,807,416	30.0
50	0.04540	4,108	0.00929	90,474	442,102	0.94534	2,347,533	25.9
55	0.06436	5,558	0.01330	86,366	417,937	0.92197	1,905,431	22.1
60	0.09265	7,487	0.01943	80,808	385,325	0.89149	1,487,494	18.4
65	0.12598	9,237	0.02689	73,322	343,514	0.84933	1,102,169	15.0
70	0.17891	11,465	0.03930	64,084	291,758	0.78314	758,655	11.8
75	0.26308	13,843	0.06059	52,619	228,486	0.51063 <sup>c</sup>	466,897	8.9
80+	1.00000	38,776	0.16264	38,776	238,411	-	238,411	6.1
<b>Lelaki</b> <i>Male</i>								
0	0.00632	632	0.00636	100,000	99,406	0.99312 <sup>a</sup>	6,958,202	69.6
1	0.00135	134	0.00034	99,368	397,154	0.99870 <sup>b</sup>	6,858,796	69.0
5	0.00103	103	0.00021	99,234	495,913	0.99887	6,461,642	65.1
10	0.00122	121	0.00024	99,131	495,354	0.99718	5,965,729	60.2
15	0.00442	438	0.00089	99,011	493,959	0.99517	5,470,375	55.3
20	0.00525	517	0.00105	98,573	491,572	0.99384	4,976,416	50.5
25	0.00709	695	0.00142	98,056	488,541	0.99048	4,484,844	45.7
30	0.01196	1,165	0.00241	97,361	483,893	0.98460	3,996,302	41.0
35	0.01888	1,816	0.00381	96,196	476,442	0.97662	3,512,409	36.5
40	0.02796	2,639	0.00567	94,380	465,304	0.96542	3,035,968	32.2
45	0.04140	3,798	0.00845	91,741	449,212	0.94978	2,570,663	28.0
50	0.05942	5,226	0.01225	87,943	426,652	0.93040	2,121,451	24.1
55	0.08042	6,652	0.01676	82,717	396,957	0.90294	1,694,799	20.5
60	0.11515	8,759	0.02444	76,065	358,430	0.86674	1,297,842	17.1
65	0.15373	10,347	0.03331	67,307	310,666	0.82247	939,412	14.0
70	0.20566	11,714	0.04585	56,960	255,514	0.75283	628,746	11.0
75	0.29943	13,548	0.07043	45,246	192,359	0.48461 <sup>c</sup>	373,232	8.2
80+	1.00000	31,698	0.17525	31,698	180,873	-	180,873	5.7

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

Jadual 3.2: Jadual hayat ringkas mengikut jantina dan umur, Kedah, 2021 (samb.)

Table 3.2: Abridged life table by sex and age, Kedah, 2021 (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00531	531	0.00534	100,000	99,504	0.99420 <sup>a</sup>	7,499,230	75.0
1	0.00112	112	0.00028	99,469	397,598	0.99908 <sup>b</sup>	7,399,726	74.4
5	0.00056	56	0.00011	99,357	496,646	0.99920	7,002,128	70.5
10	0.00103	103	0.00021	99,301	496,250	0.99879	6,505,482	65.5
15	0.00138	137	0.00028	99,199	495,650	0.99807	6,009,232	60.6
20	0.00247	245	0.00050	99,062	494,695	0.99702	5,513,582	55.7
25	0.00348	344	0.00070	98,816	493,222	0.99526	5,018,887	50.8
30	0.00601	592	0.00121	98,472	490,882	0.99222	4,525,665	46.0
35	0.00956	936	0.00192	97,880	487,062	0.98701	4,034,784	41.2
40	0.01644	1,594	0.00332	96,944	480,737	0.98026	3,547,721	36.6
45	0.02309	2,202	0.00467	95,351	471,249	0.97226	3,066,984	32.2
50	0.03249	3,026	0.00661	93,149	458,178	0.95943	2,595,735	27.9
55	0.04892	4,409	0.01003	90,122	439,590	0.93990	2,137,557	23.7
60	0.07186	6,160	0.01491	85,714	413,170	0.91440	1,697,967	19.8
65	0.10040	7,987	0.02114	79,554	377,803	0.87462	1,284,797	16.1
70	0.15315	10,960	0.03317	71,567	330,435	0.81062	906,994	12.7
75	0.23216	14,071	0.05253	60,607	267,858	0.53542 <sup>c</sup>	576,558	9.5
80+	1.00000	46,536	0.15075	46,536	308,700	-	308,700	6.6

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

Jadual 3.3: Jadual hayat ringkas mengikut jantina dan umur, Kelantan, 2021

Table 3.3: Abridged life table by sex and age, Kelantan, 2021

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00699	699	0.00703	100,000	99,351	0.99241 <sup>a</sup>	7,155,442	71.6
1	0.00142	141	0.00036	99,301	396,854	0.99874 <sup>b</sup>	7,056,092	71.1
5	0.00090	89	0.00018	99,160	495,577	0.99880	6,659,238	67.2
10	0.00151	150	0.00030	99,071	494,981	0.99777	6,163,661	62.2
15	0.00295	291	0.00059	98,921	493,878	0.99665	5,668,680	57.3
20	0.00376	371	0.00075	98,630	492,222	0.99491	5,174,802	52.5
25	0.00641	630	0.00129	98,259	489,719	0.99215	4,682,580	47.7
30	0.00930	908	0.00187	97,629	485,874	0.98902	4,192,861	42.9
35	0.01267	1,225	0.00255	96,721	480,541	0.98320	3,706,987	38.3
40	0.02099	2,004	0.00424	95,495	472,467	0.97422	3,226,446	33.8
45	0.03069	2,869	0.00623	93,491	460,285	0.96291	2,753,978	29.5
50	0.04370	3,960	0.00893	90,622	443,213	0.94871	2,293,693	25.3
55	0.05922	5,132	0.01221	86,663	420,482	0.92690	1,850,481	21.4
60	0.08785	7,163	0.01838	81,530	389,744	0.88990	1,429,999	17.5
65	0.13448	10,001	0.02883	74,367	346,835	0.83186	1,040,255	14.0
70	0.20702	13,325	0.04618	64,366	288,519	0.73139	693,420	10.8
75	0.34627	17,674	0.08375	51,041	211,021	0.47883 <sup>c</sup>	404,901	7.9
80+	1.00000	33,367	0.17210	33,367	193,880	-	193,880	5.8
<b>Lelaki</b> <i>Male</i>								
0	0.00817	817	0.00824	100,000	99,237	0.99119 <sup>a</sup>	6,900,668	69.0
1	0.00158	157	0.00040	99,183	396,359	0.99847 <sup>b</sup>	6,801,432	68.6
5	0.00118	117	0.00024	99,026	494,837	0.99853	6,405,073	64.7
10	0.00177	175	0.00035	98,909	494,107	0.99691	5,910,236	59.8
15	0.00442	436	0.00089	98,734	492,580	0.99500	5,416,129	54.9
20	0.00558	549	0.00112	98,298	490,118	0.99313	4,923,549	50.1
25	0.00817	799	0.00164	97,749	486,749	0.99012	4,433,431	45.4
30	0.01160	1,125	0.00233	96,950	481,941	0.98603	3,946,682	40.7
35	0.01637	1,569	0.00330	95,826	475,207	0.97835	3,464,741	36.2
40	0.02703	2,547	0.00548	94,257	464,917	0.96669	2,989,534	31.7
45	0.03978	3,648	0.00812	91,710	449,429	0.95169	2,524,617	27.5
50	0.05721	5,038	0.01178	88,062	427,715	0.93454	2,075,188	23.6
55	0.07422	6,162	0.01542	83,024	399,716	0.91033	1,647,473	19.8
60	0.10636	8,175	0.02247	76,862	363,875	0.86689	1,247,757	16.2
65	0.16304	11,199	0.03550	68,688	315,440	0.79794	883,883	12.9
70	0.24867	14,296	0.05680	57,488	251,703	0.69211	568,442	9.9
75	0.38670	16,703	0.09588	43,193	174,207	0.45000 <sup>c</sup>	316,739	7.3
80+	1.00000	26,490	0.18585	26,490	142,533	-	142,533	5.4

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

Jadual 3.3: Jadual hayat ringkas mengikut jantina dan umur, Kelantan, 2021 (samb.)

Table 3.3: Abridged life table by sex and age, Kelantan, 2021 (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00574	574	0.00577	100,000	99,465	0.99372 <sup>a</sup>	7,434,463	74.3
1	0.00126	125	0.00031	99,426	397,395	0.99899 <sup>b</sup>	7,334,998	73.8
5	0.00060	59	0.00012	99,301	496,359	0.99908	6,937,603	69.9
10	0.00123	123	0.00025	99,242	495,904	0.99868	6,441,244	64.9
15	0.00141	140	0.00028	99,120	495,249	0.99827	5,945,339	60.0
20	0.00205	203	0.00041	98,980	494,392	0.99673	5,450,091	55.1
25	0.00450	445	0.00090	98,777	492,773	0.99437	4,955,698	50.2
30	0.00677	666	0.00136	98,332	489,997	0.99225	4,462,925	45.4
35	0.00873	853	0.00175	97,666	486,201	0.98832	3,972,928	40.7
40	0.01466	1,419	0.00295	96,814	480,521	0.98166	3,486,728	36.0
45	0.02207	2,105	0.00446	95,395	471,710	0.97342	3,006,207	31.5
50	0.03120	2,911	0.00634	93,289	459,170	0.96183	2,534,497	27.2
55	0.04537	4,100	0.00928	90,378	441,641	0.94231	2,075,327	23.0
60	0.07060	6,091	0.01464	86,278	416,163	0.91130	1,633,686	18.9
65	0.10819	8,675	0.02287	80,187	379,247	0.86414	1,217,523	15.2
70	0.16689	11,935	0.03642	71,512	327,722	0.76813	838,276	11.7
75	0.30986	18,460	0.07333	59,577	251,734	0.50694 <sup>c</sup>	510,554	8.6
80+	1.00000	41,117	0.15886	41,117	258,820	-	258,820	6.3

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

Jadual 3.4: Jadual hayat ringkas mengikut jantina dan umur, Melaka, 2021

Table 3.4: Abridged life table by sex and age, Melaka, 2021

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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00705	705	0.00710	100,000	99,345	0.99246 <sup>a</sup>	7,310,560	73.1
1	0.00120	119	0.00030	99,295	396,883	0.99895 <sup>b</sup>	7,211,215	72.6
5	0.00070	69	0.00014	99,176	495,705	0.99915	6,814,332	68.7
10	0.00100	99	0.00020	99,106	495,283	0.99833	6,318,627	63.8
15	0.00234	232	0.00047	99,007	494,454	0.99723	5,823,344	58.8
20	0.00319	315	0.00064	98,775	493,085	0.99621	5,328,890	53.9
25	0.00440	433	0.00088	98,459	491,214	0.99521	4,835,804	49.1
30	0.00519	508	0.00104	98,026	488,861	0.99278	4,344,590	44.3
35	0.00927	904	0.00186	97,518	485,330	0.98980	3,855,730	39.5
40	0.01114	1,076	0.00224	96,614	480,381	0.98163	3,370,399	34.9
45	0.02569	2,455	0.00521	95,538	471,554	0.96632	2,890,018	30.2
50	0.04187	3,898	0.00855	93,084	455,673	0.94952	2,418,464	26.0
55	0.05945	5,302	0.01226	89,186	432,673	0.92630	1,962,791	22.0
60	0.08885	7,453	0.01860	83,883	400,784	0.89964	1,530,118	18.2
65	0.11300	8,636	0.02395	76,430	360,561	0.85108	1,129,334	14.8
70	0.18941	12,841	0.04185	67,794	306,868	0.75558	768,773	11.3
75	0.31228	17,161	0.07401	54,953	231,863	0.49803 <sup>c</sup>	461,905	8.4
80+	1.00000	37,792	0.16428	37,792	230,041	-	230,041	6.1
<b>Lelaki</b> <i>Male</i>								
0	0.00792	792	0.00798	100,000	99,260	0.99155 <sup>a</sup>	7,080,409	70.8
1	0.00134	133	0.00034	99,208	396,517	0.99882 <sup>b</sup>	6,981,150	70.4
5	0.00075	74	0.00015	99,075	495,189	0.99910	6,584,633	66.5
10	0.00105	104	0.00021	99,001	494,744	0.99797	6,089,444	61.5
15	0.00301	298	0.00060	98,897	493,740	0.99620	5,594,700	56.6
20	0.00459	452	0.00092	98,599	491,865	0.99470	5,100,960	51.7
25	0.00602	591	0.00121	98,147	489,256	0.99403	4,609,095	47.0
30	0.00592	577	0.00119	97,556	486,336	0.99129	4,119,838	42.2
35	0.01152	1,117	0.00232	96,979	482,099	0.98779	3,633,502	37.5
40	0.01291	1,238	0.00260	95,861	476,211	0.97519	3,151,403	32.9
45	0.03687	3,488	0.00751	94,623	464,396	0.95595	2,675,192	28.3
50	0.05151	4,694	0.01057	91,135	443,939	0.93626	2,210,796	24.3
55	0.07664	6,625	0.01594	86,441	415,641	0.90810	1,766,857	20.4
60	0.10842	8,653	0.02293	79,816	377,446	0.87619	1,351,216	16.9
65	0.14108	10,040	0.03036	71,162	330,713	0.82212	973,770	13.7
70	0.22072	13,491	0.04962	61,123	271,887	0.72216	643,057	10.5
75	0.35114	16,726	0.08518	47,632	196,345	0.47101 <sup>c</sup>	371,171	7.8
80+	1.00000	30,906	0.17678	30,906	174,826	-	174,826	5.7

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

Jadual 3.4: Jadual hayat ringkas mengikut jantina dan umur, Melaka, 2021 (samb.)

Table 3.4: Abridged life table by sex and age, Melaka, 2021 (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00612	612	0.00615	100,000	99,430	0.99345 <sup>a</sup>	7,564,748	75.6
1	0.00105	104	0.00026	99,388	397,294	0.99907 <sup>b</sup>	7,465,318	75.1
5	0.00065	64	0.00013	99,284	496,260	0.99920	7,068,024	71.2
10	0.00095	95	0.00019	99,220	495,863	0.99872	6,571,765	66.2
15	0.00160	159	0.00032	99,125	495,229	0.99844	6,075,902	61.3
20	0.00152	150	0.00030	98,966	494,455	0.99793	5,580,673	56.4
25	0.00263	260	0.00053	98,816	493,430	0.99665	5,086,218	51.5
30	0.00407	402	0.00082	98,556	491,777	0.99466	4,592,788	46.6
35	0.00661	649	0.00133	98,155	489,151	0.99224	4,101,011	41.8
40	0.00892	870	0.00179	97,506	485,353	0.98724	3,611,860	37.0
45	0.01663	1,607	0.00335	96,636	479,160	0.97549	3,126,507	32.4
50	0.03252	3,090	0.00661	95,028	467,417	0.96240	2,647,347	27.9
55	0.04285	3,940	0.00876	91,938	449,842	0.94434	2,179,930	23.7
60	0.06903	6,075	0.01430	87,999	424,806	0.92213	1,730,088	19.7
65	0.08737	7,158	0.01827	81,924	391,725	0.87839	1,305,281	15.9
70	0.15913	11,898	0.03458	74,766	344,086	0.78716	913,557	12.2
75	0.27670	17,396	0.06423	62,868	270,852	0.52438 <sup>c</sup>	569,471	9.1
80+	1.00000	45,472	0.15228	45,472	298,619	-	298,619	6.6

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

Jadual 3.5: Jadual hayat ringkas mengikut jantina dan umur, Negeri Sembilan, 2021

Table 3.5: Abridged life table by sex and age, Negeri Sembilan, 2021

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00641	641	0.00645	100,000	99,403	0.99305 <sup>a</sup>	7,310,660	73.1
1	0.00126	125	0.00032	99,359	397,124	0.99903 <sup>b</sup>	7,211,257	72.6
5	0.00050	49	0.00010	99,234	496,045	0.99930	6,814,133	68.7
10	0.00090	89	0.00018	99,184	495,699	0.99829	6,318,088	63.7
15	0.00253	251	0.00051	99,095	494,850	0.99669	5,822,390	58.8
20	0.00409	404	0.00082	98,845	493,212	0.99533	5,327,540	53.9
25	0.00525	517	0.00105	98,440	490,908	0.99414	4,834,328	49.1
30	0.00646	633	0.00130	97,923	488,034	0.99231	4,343,420	44.4
35	0.00892	868	0.00179	97,290	484,282	0.98678	3,855,386	39.6
40	0.01756	1,693	0.00354	96,423	477,881	0.97792	3,371,104	35.0
45	0.02669	2,528	0.00541	94,730	467,329	0.96586	2,893,222	30.5
50	0.04179	3,853	0.00854	92,202	451,376	0.95246	2,425,894	26.3
55	0.05354	4,730	0.01100	88,349	429,919	0.93032	1,974,517	22.3
60	0.08674	7,253	0.01813	83,619	399,961	0.89456	1,544,599	18.5
65	0.12592	9,616	0.02688	76,366	357,789	0.85057	1,144,637	15.0
70	0.17632	11,769	0.03867	66,750	304,325	0.77737	786,848	11.8
75	0.27884	15,331	0.06480	54,980	236,574	0.50971 <sup>c</sup>	482,523	8.8
80+	1.00000	39,649	0.16121	39,649	245,948	-	245,948	6.2
<b>Lelaki</b> <i>Male</i>								
0	0.00611	611	0.00615	100,000	99,426	0.99333 <sup>a</sup>	7,067,192	70.7
1	0.00135	134	0.00034	99,389	397,239	0.99897 <sup>b</sup>	6,967,766	70.1
5	0.00050	49	0.00010	99,255	496,152	0.99916	6,570,527	66.2
10	0.00118	117	0.00024	99,206	495,737	0.99755	6,074,376	61.2
15	0.00372	369	0.00075	99,089	494,524	0.99520	5,578,638	56.3
20	0.00587	580	0.00118	98,720	492,152	0.99362	5,084,115	51.5
25	0.00689	676	0.00138	98,140	489,011	0.99238	4,591,963	46.8
30	0.00836	814	0.00168	97,464	485,285	0.99055	4,102,952	42.1
35	0.01056	1,020	0.00212	96,650	480,698	0.98333	3,617,667	37.4
40	0.02284	2,184	0.00462	95,629	472,686	0.97117	3,136,969	32.8
45	0.03496	3,267	0.00712	93,445	459,057	0.95471	2,664,284	28.5
50	0.05599	5,049	0.01152	90,178	438,267	0.93729	2,205,227	24.5
55	0.06982	5,944	0.01447	85,129	410,784	0.91155	1,766,960	20.8
60	0.10847	8,589	0.02294	79,185	374,452	0.87045	1,356,176	17.1
65	0.15319	10,815	0.03318	70,596	325,942	0.82270	981,724	13.9
70	0.20576	12,301	0.04587	59,781	268,154	0.74620	655,782	11.0
75	0.31428	14,922	0.07458	47,480	200,097	0.48379 <sup>c</sup>	387,628	8.2
80+	1.00000	32,558	0.17361	32,558	187,532	-	187,532	5.8

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

Jadual 3.5: Jadual hayat ringkas mengikut jantina dan umur, Negeri Sembilan, 2021 (samb.)

Table 3.5: Abridged life table by sex and age, Negeri Sembilan, 2021 (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00673	673	0.00677	100,000	99,374	0.99278 <sup>a</sup>	7,593,443	75.9
1	0.00118	117	0.00030	99,327	397,016	0.99906 <sup>b</sup>	7,494,069	75.4
5	0.00050	49	0.00010	99,210	495,925	0.99946	7,097,053	71.5
10	0.00058	58	0.00012	99,160	495,658	0.99913	6,601,127	66.6
15	0.00117	116	0.00023	99,103	495,224	0.99830	6,105,469	61.6
20	0.00224	221	0.00045	98,987	494,381	0.99720	5,610,245	56.7
25	0.00336	332	0.00067	98,766	492,998	0.99626	5,115,863	51.8
30	0.00413	406	0.00083	98,434	491,152	0.99446	4,622,866	47.0
35	0.00696	682	0.00140	98,027	488,431	0.99077	4,131,714	42.1
40	0.01151	1,120	0.00232	97,345	483,925	0.98519	3,643,282	37.4
45	0.01815	1,747	0.00366	96,225	476,756	0.97686	3,159,358	32.8
50	0.02822	2,666	0.00572	94,478	465,724	0.96703	2,682,601	28.4
55	0.03787	3,477	0.00772	91,812	450,368	0.94888	2,216,877	24.1
60	0.06490	5,733	0.01342	88,335	427,344	0.91889	1,766,508	20.0
65	0.09844	8,131	0.02071	82,602	392,684	0.87858	1,339,164	16.2
70	0.14690	10,940	0.03171	74,471	345,005	0.80809	946,481	12.7
75	0.24466	15,543	0.05575	63,531	278,796	0.53648 <sup>c</sup>	601,475	9.5
80+	1.00000	47,988	0.14872	47,988	322,679	-	322,679	6.7

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

Jadual 3.6: Jadual hayat ringkas mengikut jantina dan umur, Pahang, 2021

Table 3.6: Abridged life table by sex and age, Pahang, 2021

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00632	632	0.00636	100,000	99,411	0.99306 <sup>a</sup>	7,262,486	72.6
1	0.00143	142	0.00036	99,368	397,117	0.99868 <sup>b</sup>	7,163,075	72.1
5	0.00101	101	0.00020	99,225	495,876	0.99884	6,765,957	68.2
10	0.00131	130	0.00026	99,125	495,299	0.99806	6,270,081	63.3
15	0.00258	255	0.00052	98,995	494,336	0.99624	5,774,782	58.3
20	0.00494	488	0.00099	98,740	492,478	0.99475	5,280,446	53.5
25	0.00557	547	0.00112	98,252	489,891	0.99364	4,787,967	48.7
30	0.00716	699	0.00144	97,704	486,774	0.99181	4,298,076	44.0
35	0.00924	896	0.00186	97,005	482,785	0.98863	3,811,303	39.3
40	0.01352	1,300	0.00272	96,109	477,296	0.98137	3,328,518	34.6
45	0.02381	2,258	0.00482	94,809	468,402	0.96772	2,851,222	30.1
50	0.04096	3,791	0.00836	92,552	453,280	0.94909	2,382,820	25.7
55	0.06129	5,440	0.01264	88,761	430,204	0.92535	1,929,540	21.7
60	0.08889	7,406	0.01860	83,321	398,089	0.88813	1,499,336	18.0
65	0.13710	10,408	0.02944	75,915	353,554	0.83960	1,101,247	14.5
70	0.18742	12,277	0.04136	65,507	296,842	0.76138	747,693	11.4
75	0.30163	16,056	0.07104	53,230	226,009	0.49870 <sup>c</sup>	450,851	8.5
80+	1.00000	37,174	0.16533	37,174	224,842	-	224,842	6.0
<b>Lelaki</b> <i>Male</i>								
0	0.00647	647	0.00651	100,000	99,393	0.99286 <sup>a</sup>	7,038,111	70.4
1	0.00161	160	0.00040	99,353	397,035	0.99847 <sup>b</sup>	6,938,718	69.8
5	0.00122	121	0.00024	99,194	495,666	0.99863	6,541,683	65.9
10	0.00153	152	0.00031	99,073	494,985	0.99746	6,046,017	61.0
15	0.00355	351	0.00071	98,921	493,729	0.99486	5,551,031	56.1
20	0.00674	665	0.00135	98,570	491,190	0.99325	5,057,303	51.3
25	0.00676	662	0.00136	97,906	487,874	0.99241	4,566,112	46.6
30	0.00843	819	0.00169	97,244	484,171	0.99007	4,078,239	41.9
35	0.01145	1,104	0.00230	96,424	479,363	0.98623	3,594,068	37.3
40	0.01612	1,537	0.00325	95,321	472,761	0.97675	3,114,705	32.7
45	0.03050	2,860	0.00619	93,784	461,769	0.95956	2,641,944	28.2
50	0.05069	4,609	0.01040	90,923	443,095	0.93638	2,180,175	24.0
55	0.07723	6,666	0.01607	86,314	414,907	0.90786	1,737,080	20.1
60	0.10830	8,626	0.02290	79,648	376,676	0.86590	1,322,173	16.6
65	0.16304	11,579	0.03550	71,022	326,163	0.80760	945,497	13.3
70	0.22749	13,523	0.05134	59,443	263,408	0.71877	619,334	10.4
75	0.35079	16,108	0.08508	45,920	189,330	0.46806 <sup>c</sup>	355,927	7.8
80+	1.00000	29,812	0.17895	29,812	166,597	-	166,597	5.6

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

Jadual 3.6: Jadual hayat ringkas mengikut jantina dan umur, Pahang, 2021 (samb.)

Table 3.6: Abridged life table by sex and age, Pahang, 2021 (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00617	617	0.00620	100,000	99,426	0.99330 <sup>a</sup>	7,537,436	75.4
1	0.00126	125	0.00031	99,383	397,223	0.99888 <sup>b</sup>	7,438,010	74.8
5	0.00080	80	0.00016	99,259	496,093	0.99906	7,040,787	70.9
10	0.00107	106	0.00021	99,179	495,629	0.99872	6,544,693	66.0
15	0.00150	148	0.00030	99,073	494,993	0.99784	6,049,064	61.1
20	0.00282	279	0.00056	98,924	493,926	0.99660	5,554,071	56.1
25	0.00398	392	0.00080	98,646	492,249	0.99524	5,060,145	51.3
30	0.00554	544	0.00111	98,254	489,908	0.99398	4,567,896	46.5
35	0.00651	636	0.00131	97,709	486,956	0.99151	4,077,989	41.7
40	0.01047	1,016	0.00210	97,073	482,824	0.98648	3,591,032	37.0
45	0.01660	1,595	0.00335	96,057	476,297	0.97650	3,108,208	32.4
50	0.03052	2,883	0.00620	94,462	465,102	0.96243	2,631,912	27.9
55	0.04485	4,107	0.00918	91,579	447,626	0.94339	2,166,810	23.7
60	0.06892	6,028	0.01428	87,472	422,287	0.91095	1,719,184	19.7
65	0.11067	9,013	0.02343	81,443	384,683	0.87259	1,296,897	15.9
70	0.14625	10,593	0.03156	72,430	335,669	0.80523	912,214	12.6
75	0.25160	15,558	0.05756	61,837	270,292	0.53119 <sup>c</sup>	576,545	9.3
80+	1.00000	46,279	0.15112	46,279	306,252	-	306,252	6.6

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

Jadual 3.7: Jadual hayat ringkas mengikut jantina dan umur, Perak, 2021

Table 3.7: Abridged life table by sex and age, Perak, 2021

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00644	644	0.00648	100,000	99,400	0.99301 <sup>a</sup>	7,328,591	73.3
1	0.00129	128	0.00032	99,356	397,105	0.99890 <sup>b</sup>	7,229,190	72.8
5	0.00073	73	0.00015	99,228	495,958	0.99915	6,832,085	68.9
10	0.00098	97	0.00020	99,155	495,534	0.99829	6,336,127	63.9
15	0.00245	243	0.00049	99,059	494,686	0.99688	5,840,592	59.0
20	0.00379	375	0.00076	98,816	493,142	0.99565	5,345,907	54.1
25	0.00491	483	0.00098	98,441	490,998	0.99391	4,852,765	49.3
30	0.00727	712	0.00146	97,958	488,010	0.99124	4,361,766	44.5
35	0.01026	998	0.00206	97,246	483,735	0.98703	3,873,756	39.8
40	0.01571	1,512	0.00317	96,248	477,461	0.97913	3,390,022	35.2
45	0.02612	2,474	0.00529	94,736	467,496	0.96572	2,912,561	30.7
50	0.04266	3,936	0.00872	92,262	451,471	0.95107	2,445,065	26.5
55	0.05549	4,901	0.01141	88,326	429,379	0.93180	1,993,594	22.6
60	0.08166	6,813	0.01703	83,425	400,094	0.90188	1,564,215	18.7
65	0.11605	8,891	0.02464	76,612	360,836	0.85719	1,164,121	15.2
70	0.17308	11,721	0.03790	67,722	309,305	0.77951	803,286	11.9
75	0.27781	15,558	0.06453	56,000	241,107	0.51191 <sup>c</sup>	493,981	8.8
80+	1.00000	40,443	0.15993	40,443	252,874	-	252,874	6.3
<b>Lelaki</b> <i>Male</i>								
0	0.00686	686	0.00690	100,000	99,357	0.99253 <sup>a</sup>	7,057,869	70.6
1	0.00149	148	0.00037	99,314	396,906	0.99875 <sup>b</sup>	6,958,512	70.1
5	0.00076	75	0.00015	99,166	495,643	0.99906	6,561,605	66.2
10	0.00113	112	0.00023	99,091	495,175	0.99760	6,065,963	61.2
15	0.00367	363	0.00074	98,979	493,987	0.99557	5,570,788	56.3
20	0.00519	511	0.00104	98,616	491,800	0.99441	5,076,800	51.5
25	0.00600	589	0.00120	98,104	489,049	0.99233	4,585,000	46.7
30	0.00935	912	0.00188	97,515	485,295	0.98867	4,095,952	42.0
35	0.01332	1,286	0.00268	96,603	479,799	0.98364	3,610,656	37.4
40	0.01945	1,854	0.00393	95,316	471,948	0.97236	3,130,857	32.8
45	0.03600	3,364	0.00733	93,463	458,903	0.95413	2,658,909	28.4
50	0.05612	5,057	0.01155	90,099	437,851	0.93517	2,200,006	24.4
55	0.07406	6,298	0.01538	85,042	409,464	0.91126	1,762,154	20.7
60	0.10459	8,236	0.02207	78,744	373,129	0.87510	1,352,690	17.2
65	0.14759	10,406	0.03187	70,508	326,525	0.82400	979,561	13.9
70	0.20933	12,581	0.04676	60,102	269,057	0.74068	653,037	10.9
75	0.32254	15,327	0.07691	47,521	199,285	0.48100 <sup>c</sup>	383,980	8.1
80+	1.00000	32,193	0.17430	32,193	184,695	-	184,695	5.7

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

Jadual 3.7: Jadual hayat ringkas mengikut jantina dan umur, Perak, 2021 (samb.)

Table 3.7: Abridged life table by sex and age, Perak, 2021 (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00601	601	0.00604	100,000	99,440	0.99355 <sup>a</sup>	7,639,390	76.4
1	0.00107	106	0.00027	99,399	397,333	0.99903 <sup>b</sup>	7,539,950	75.9
5	0.00071	70	0.00014	99,293	496,289	0.99924	7,142,617	71.9
10	0.00080	80	0.00016	99,223	495,914	0.99905	6,646,328	67.0
15	0.00110	109	0.00022	99,143	495,441	0.99836	6,150,414	62.0
20	0.00217	215	0.00043	99,033	494,629	0.99719	5,654,974	57.1
25	0.00344	340	0.00069	98,818	493,242	0.99600	5,160,344	52.2
30	0.00457	450	0.00092	98,478	491,267	0.99444	4,667,103	47.4
35	0.00656	643	0.00132	98,028	488,535	0.99115	4,175,836	42.6
40	0.01116	1,087	0.00225	97,385	484,209	0.98614	3,687,301	37.9
45	0.01659	1,598	0.00335	96,298	477,497	0.97698	3,203,092	33.3
50	0.02955	2,799	0.00600	94,701	466,506	0.96630	2,725,595	28.8
55	0.03797	3,489	0.00774	91,902	450,787	0.95146	2,259,089	24.6
60	0.05954	5,264	0.01227	88,413	428,904	0.92740	1,808,302	20.5
65	0.08649	7,191	0.01808	83,149	397,766	0.88820	1,379,398	16.6
70	0.13952	10,597	0.03000	75,958	353,294	0.81486	981,633	12.9
75	0.23815	15,566	0.05407	65,360	287,886	0.54183 <sup>c</sup>	628,339	9.6
80+	1.00000	49,794	0.14626	49,794	340,452	-	340,452	6.8

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

Jadual 3.8: Jadual hayat ringkas mengikut jantina dan umur, Perlis, 2021

Table 3.8: Abridged life table by sex and age, Perlis, 2021

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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00788	788	0.00794	100,000	99,270	0.99128 <sup>a</sup>	7,244,950	72.4
1	0.00193	191	0.00048	99,212	396,372	0.99823 <sup>b</sup>	7,145,680	72.0
5	0.00137	136	0.00027	99,021	494,765	0.99891	6,749,308	68.2
10	0.00080	79	0.00016	98,885	494,227	0.99838	6,254,543	63.3
15	0.00245	242	0.00049	98,806	493,424	0.99730	5,760,316	58.3
20	0.00296	292	0.00059	98,564	492,090	0.99577	5,266,891	53.4
25	0.00549	540	0.00110	98,272	490,010	0.99295	4,774,802	48.6
30	0.00861	841	0.00173	97,732	486,557	0.98962	4,284,792	43.8
35	0.01216	1,178	0.00245	96,891	481,508	0.98676	3,798,235	39.2
40	0.01433	1,371	0.00289	95,713	475,134	0.98055	3,316,727	34.7
45	0.02464	2,325	0.00499	94,341	465,894	0.96509	2,841,593	30.1
50	0.04543	4,180	0.00930	92,016	449,631	0.94600	2,375,700	25.8
55	0.06299	5,533	0.01301	87,836	425,350	0.92266	1,926,068	21.9
60	0.09266	7,626	0.01943	82,304	392,454	0.89432	1,500,719	18.2
65	0.12004	8,964	0.02554	74,678	350,978	0.84441	1,108,265	14.8
70	0.19600	12,880	0.04346	65,713	296,369	0.76779	757,287	11.5
75	0.27726	14,649	0.06438	52,834	227,548	0.50632 <sup>c</sup>	460,918	8.7
80+	1.00000	38,185	0.16362	38,185	233,371	-	233,371	6.1
<b>Lelaki</b> <i>Male</i>								
0	0.00848	848	0.00854	100,000	99,209	0.99084 <sup>a</sup>	6,960,249	69.6
1	0.00170	168	0.00042	99,152	396,210	0.99809 <sup>b</sup>	6,861,040	69.2
5	0.00180	179	0.00036	98,984	494,474	0.99858	6,464,830	65.3
10	0.00103	102	0.00021	98,805	493,773	0.99778	5,970,357	60.4
15	0.00341	336	0.00068	98,704	492,677	0.99595	5,476,584	55.5
20	0.00470	462	0.00094	98,367	490,681	0.99413	4,983,907	50.7
25	0.00706	691	0.00142	97,905	487,799	0.99105	4,493,225	45.9
30	0.01086	1,055	0.00218	97,214	483,433	0.98677	4,005,426	41.2
35	0.01562	1,502	0.00315	96,159	477,039	0.98236	3,521,994	36.6
40	0.01969	1,863	0.00398	94,657	468,625	0.97120	3,044,955	32.2
45	0.03811	3,536	0.00777	92,793	455,127	0.95341	2,576,329	27.8
50	0.05542	4,946	0.01140	89,257	433,921	0.93044	2,121,203	23.8
55	0.08454	7,128	0.01765	84,311	403,736	0.90033	1,687,282	20.0
60	0.11620	8,969	0.02467	77,183	363,495	0.86450	1,283,546	16.6
65	0.15734	10,733	0.03415	68,215	314,241	0.80977	920,051	13.5
70	0.22926	13,178	0.05179	57,482	254,464	0.72762	605,810	10.5
75	0.32832	14,546	0.07856	44,304	185,154	0.47302 <sup>c</sup>	351,347	7.9
80+	1.00000	29,758	0.17906	29,758	166,193	-	166,193	5.6

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

Jadual 3.8: Jadual hayat ringkas mengikut jantina dan umur, Perlis, 2021 (samb.)

Table 3.8: Abridged life table by sex and age, Perlis, 2021 (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00725	725	0.00730	100,000	99,327	0.99178 <sup>a</sup>	7,544,792	75.4
1	0.00217	215	0.00054	99,275	396,564	0.99836 <sup>b</sup>	7,445,465	75.0
5	0.00090	89	0.00018	99,060	495,076	0.99927	7,048,901	71.2
10	0.00056	55	0.00011	98,971	494,717	0.99903	6,553,825	66.2
15	0.00139	137	0.00028	98,916	494,236	0.99867	6,059,108	61.3
20	0.00127	125	0.00025	98,779	493,580	0.99751	5,564,872	56.3
25	0.00371	366	0.00074	98,653	492,351	0.99507	5,071,293	51.4
30	0.00614	604	0.00123	98,287	489,926	0.99261	4,578,942	46.6
35	0.00865	845	0.00174	97,683	486,304	0.99132	4,089,016	41.9
40	0.00870	843	0.00175	96,838	482,084	0.98813	3,602,712	37.2
45	0.01506	1,445	0.00303	95,996	476,364	0.97440	3,120,628	32.5
50	0.03630	3,432	0.00739	94,550	464,170	0.96028	2,644,263	28.0
55	0.04328	3,943	0.00885	91,118	445,731	0.94374	2,180,093	23.9
60	0.06984	6,088	0.01447	87,175	420,654	0.92045	1,734,362	19.9
65	0.08999	7,297	0.01885	81,087	387,192	0.87404	1,313,708	16.2
70	0.16549	12,212	0.03608	73,790	338,421	0.80424	926,516	12.6
75	0.23204	14,289	0.05250	61,578	272,170	0.53720 <sup>c</sup>	588,095	9.6
80+	1.00000	47,290	0.14969	47,290	315,925	-	315,925	6.7

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

Jadual 3.9: Jadual hayat ringkas mengikut jantina dan umur, Pulau Pinang, 2021

Table 3.9: Abridged life table by sex and age, Pulau Pinang, 2021

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00553	553	0.00556	100,000	99,483	0.99414 <sup>a</sup>	7,365,321	73.7
1	0.00080	80	0.00020	99,447	397,588	0.99921 <sup>b</sup>	7,265,837	73.1
5	0.00062	62	0.00013	99,367	496,678	0.99923	6,868,249	69.1
10	0.00092	91	0.00018	99,305	496,295	0.99827	6,371,571	64.2
15	0.00255	253	0.00051	99,213	495,435	0.99727	5,875,276	59.2
20	0.00291	288	0.00058	98,961	494,082	0.99703	5,379,842	54.4
25	0.00303	299	0.00061	98,672	492,614	0.99584	4,885,760	49.5
30	0.00529	520	0.00106	98,373	490,566	0.99333	4,393,146	44.7
35	0.00806	789	0.00162	97,853	487,294	0.98916	3,902,579	39.9
40	0.01363	1,323	0.00275	97,064	482,013	0.98285	3,415,286	35.2
45	0.02071	1,983	0.00419	95,741	473,747	0.97395	2,933,273	30.6
50	0.03150	2,954	0.00640	93,758	461,406	0.96000	2,459,526	26.2
55	0.04877	4,428	0.01000	90,804	442,951	0.93957	1,998,120	22.0
60	0.07270	6,279	0.01509	86,376	416,182	0.90711	1,555,169	18.0
65	0.11468	9,185	0.02433	80,097	377,521	0.83882	1,138,987	14.2
70	0.21371	15,155	0.04786	70,912	316,671	0.72461	761,466	10.7
75	0.35383	19,729	0.08598	55,757	229,463	0.48412 <sup>c</sup>	444,795	8.0
80+	1.00000	36,028	0.16731	36,028	215,332	-	215,332	6.0
<b>Lelaki</b> <i>Male</i>								
0	0.00603	603	0.00606	100,000	99,433	0.99369 <sup>a</sup>	7,134,520	71.3
1	0.00075	75	0.00019	99,397	397,412	0.99918 <sup>b</sup>	7,035,087	70.8
5	0.00070	69	0.00014	99,322	496,439	0.99914	6,637,675	66.8
10	0.00102	101	0.00020	99,253	496,011	0.99752	6,141,237	61.9
15	0.00393	390	0.00079	99,152	494,783	0.99607	5,645,226	56.9
20	0.00393	388	0.00079	98,762	492,840	0.99601	5,150,442	52.2
25	0.00406	399	0.00081	98,374	490,873	0.99437	4,657,602	47.3
30	0.00721	706	0.00145	97,975	488,109	0.99109	4,166,730	42.5
35	0.01062	1,033	0.00214	97,269	483,762	0.98569	3,678,621	37.8
40	0.01805	1,737	0.00364	96,236	476,838	0.97723	3,194,859	33.2
45	0.02758	2,606	0.00559	94,499	465,980	0.96564	2,718,021	28.8
50	0.04133	3,798	0.00844	91,893	449,971	0.94766	2,252,041	24.5
55	0.06383	5,623	0.01319	88,096	426,420	0.92286	1,802,070	20.5
60	0.09135	7,534	0.01915	82,473	393,527	0.88631	1,375,650	16.7
65	0.13827	10,362	0.02971	74,938	348,787	0.80944	982,123	13.1
70	0.25123	16,224	0.05746	64,576	282,323	0.68231	633,336	9.8
75	0.40646	19,653	0.10203	48,353	192,630	0.45122 <sup>c</sup>	351,014	7.3
80+	1.00000	28,699	0.18120	28,699	158,383	-	158,383	5.5

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

Jadual 3.9: Jadual hayat ringkas mengikut jantina dan umur, Pulau Pinang, 2021 (samb.)

Table 3.9: Abridged life table by sex and age, Pulau Pinang, 2021 (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00501	501	0.00504	100,000	99,531	0.99463 <sup>a</sup>	7,628,632	76.3
1	0.00086	86	0.00022	99,499	397,782	0.99923 <sup>b</sup>	7,529,100	75.7
5	0.00054	54	0.00011	99,413	496,931	0.99933	7,131,318	71.7
10	0.00080	80	0.00016	99,359	496,598	0.99906	6,634,387	66.8
15	0.00107	107	0.00021	99,280	496,132	0.99855	6,137,789	61.8
20	0.00183	181	0.00037	99,173	495,412	0.99816	5,641,657	56.9
25	0.00186	184	0.00037	98,992	494,498	0.99738	5,146,245	52.0
30	0.00337	333	0.00068	98,808	493,205	0.99562	4,651,747	47.1
35	0.00540	531	0.00108	98,474	491,043	0.99287	4,158,542	42.2
40	0.00887	869	0.00178	97,943	487,543	0.98882	3,667,499	37.4
45	0.01352	1,312	0.00272	97,074	482,091	0.98252	3,179,955	32.8
50	0.02149	2,058	0.00435	95,762	473,665	0.97257	2,697,864	28.2
55	0.03350	3,139	0.00681	93,704	460,672	0.95652	2,224,199	23.7
60	0.05380	4,873	0.01106	90,565	440,643	0.92771	1,763,527	19.5
65	0.09183	7,869	0.01925	85,692	408,789	0.86735	1,322,884	15.4
70	0.17760	13,821	0.03898	77,823	354,564	0.76429	914,095	11.7
75	0.30637	19,608	0.07236	64,002	270,990	0.51569 <sup>c</sup>	559,532	8.7
80+	1.00000	44,394	0.15386	44,394	288,542	-	288,542	6.5

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

Jadual 3.10: Jadual hayat ringkas mengikut jantina dan umur, Sabah, 2021

Table 3.10: Abridged life table by sex and age, Sabah, 2021

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00838	838	0.00844	100,000	99,225	0.99072 <sup>a</sup>	7,343,603	73.4
1	0.00208	206	0.00052	99,162	396,135	0.99820 <sup>b</sup>	7,244,378	73.1
5	0.00125	124	0.00025	98,956	494,470	0.99879	6,848,243	69.2
10	0.00117	116	0.00023	98,832	493,871	0.99856	6,353,774	64.3
15	0.00170	168	0.00034	98,716	493,161	0.99777	5,859,902	59.4
20	0.00276	272	0.00055	98,548	492,061	0.99674	5,366,741	54.5
25	0.00376	370	0.00075	98,276	490,457	0.99552	4,874,680	49.6
30	0.00521	510	0.00104	97,907	488,258	0.99339	4,384,223	44.8
35	0.00802	781	0.00161	97,397	485,031	0.98851	3,895,965	40.0
40	0.01499	1,448	0.00302	96,615	479,457	0.97994	3,410,934	35.3
45	0.02521	2,399	0.00511	95,167	469,839	0.96660	2,931,477	30.8
50	0.04180	3,878	0.00854	92,768	454,147	0.94721	2,461,638	26.5
55	0.06427	5,713	0.01328	88,890	430,171	0.91899	2,007,491	22.6
60	0.09891	8,227	0.02081	83,178	395,321	0.90212	1,577,320	19.0
65	0.09673	7,250	0.02033	74,951	356,628	0.87506	1,181,999	15.8
70	0.15617	10,573	0.03388	67,701	312,072	0.79326	825,371	12.2
75	0.26667	15,234	0.06154	57,128	247,554	0.51772 <sup>c</sup>	513,299	9.0
80+	1.00000	41,894	0.15765	41,894	265,745	-	265,745	6.3
<b>Lelaki</b> <i>Male</i>								
0	0.00862	862	0.00869	100,000	99,196	0.99049 <sup>a</sup>	7,173,666	71.7
1	0.00214	212	0.00053	99,138	396,048	0.99813 <sup>b</sup>	7,074,470	71.4
5	0.00125	124	0.00025	98,926	494,320	0.99872	6,678,422	67.5
10	0.00131	129	0.00026	98,802	493,686	0.99829	6,184,102	62.6
15	0.00211	209	0.00042	98,673	492,841	0.99716	5,690,416	57.7
20	0.00356	351	0.00071	98,464	491,443	0.99595	5,197,575	52.8
25	0.00454	445	0.00091	98,113	489,453	0.99451	4,706,132	48.0
30	0.00645	630	0.00129	97,668	486,765	0.99207	4,216,679	43.2
35	0.00941	913	0.00189	97,038	482,906	0.98649	3,729,915	38.4
40	0.01766	1,697	0.00356	96,125	476,380	0.97627	3,247,008	33.8
45	0.02990	2,824	0.00607	94,427	465,077	0.96084	2,770,628	29.3
50	0.04871	4,462	0.00999	91,604	446,863	0.93748	2,305,551	25.2
55	0.07704	6,713	0.01602	87,142	418,925	0.90539	1,858,688	21.3
60	0.11366	9,141	0.02410	80,428	379,288	0.88515	1,439,763	17.9
65	0.11619	8,283	0.02467	71,287	335,728	0.85401	1,060,474	14.9
70	0.17972	11,323	0.03949	63,004	286,714	0.76756	724,746	11.5
75	0.29671	15,334	0.06968	51,681	220,071	0.49759 <sup>c</sup>	438,033	8.5
80+	1.00000	36,347	0.16676	36,347	217,962	-	217,962	6.0

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

Jadual 3.10: Jadual hayat ringkas mengikut jantina dan umur, Sabah, 2021 (samb.)

Table 3.10: Abridged life table by sex and age, Sabah, 2021 (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00811	811	0.00817	100,000	99,249	0.99101 <sup>a</sup>	7,548,250	75.5
1	0.00202	201	0.00051	99,189	396,257	0.99824 <sup>b</sup>	7,449,000	75.1
5	0.00124	123	0.00025	98,988	494,634	0.99886	7,052,743	71.2
10	0.00103	102	0.00021	98,865	494,073	0.99887	6,558,109	66.3
15	0.00122	121	0.00024	98,764	493,517	0.99845	6,064,036	61.4
20	0.00187	185	0.00038	98,643	492,752	0.99761	5,570,520	56.5
25	0.00291	287	0.00058	98,458	491,574	0.99661	5,077,767	51.6
30	0.00387	380	0.00078	98,171	489,908	0.99482	4,586,194	46.7
35	0.00651	636	0.00131	97,792	487,368	0.99073	4,096,286	41.9
40	0.01206	1,171	0.00243	97,155	482,849	0.98394	3,608,918	37.1
45	0.02011	1,930	0.00406	95,984	475,095	0.97298	3,126,069	32.6
50	0.03408	3,206	0.00693	94,054	462,256	0.95797	2,650,974	28.2
55	0.05026	4,566	0.01031	90,848	442,827	0.93455	2,188,717	24.1
60	0.08144	7,027	0.01698	86,282	413,845	0.92128	1,745,891	20.2
65	0.07577	6,005	0.01575	79,256	381,265	0.89736	1,332,046	16.8
70	0.13172	9,648	0.02820	73,250	342,130	0.81957	950,781	13.0
75	0.23652	15,043	0.05365	63,602	280,401	0.53931 <sup>c</sup>	608,651	9.6
80+	1.00000	48,558	0.14793	48,558	328,250	-	328,250	6.8

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

Jadual 3.11: Jadual hayat ringkas mengikut jantina dan umur, Sarawak, 2021

Table 3.11: Abridged life table by sex and age, Sarawak, 2021

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00554	554	0.00557	100,000	99,483	0.99368 <sup>a</sup>	7,446,514	74.5
1	0.00172	171	0.00043	99,446	397,359	0.99864 <sup>b</sup>	7,347,031	73.9
5	0.00085	84	0.00017	99,275	496,165	0.99896	6,949,671	70.0
10	0.00124	123	0.00025	99,191	495,647	0.99815	6,453,506	65.1
15	0.00245	243	0.00049	99,068	494,731	0.99676	5,957,859	60.1
20	0.00403	398	0.00081	98,825	493,128	0.99537	5,463,128	55.3
25	0.00524	516	0.00105	98,427	490,844	0.99382	4,970,000	50.5
30	0.00714	699	0.00143	97,911	487,809	0.99117	4,479,156	45.7
35	0.01053	1,024	0.00212	97,212	483,502	0.98686	3,991,347	41.1
40	0.01577	1,517	0.00318	96,188	477,150	0.98017	3,507,845	36.5
45	0.02396	2,268	0.00485	94,671	467,688	0.97113	3,030,696	32.0
50	0.03390	3,133	0.00690	92,404	454,186	0.96109	2,563,008	27.7
55	0.04409	3,936	0.00902	89,271	436,513	0.94637	2,108,823	23.6
60	0.06362	5,429	0.01314	85,335	413,102	0.92000	1,672,309	19.6
65	0.09750	7,791	0.02050	79,906	380,053	0.87308	1,259,207	15.8
70	0.15951	11,503	0.03467	72,115	331,818	0.78876	879,155	12.2
75	0.27280	16,535	0.06318	60,612	261,723	0.52182 <sup>c</sup>	547,337	9.0
80+	1.00000	44,077	0.15432	44,077	285,614	-	285,614	6.5
<b>Lelaki</b> <i>Male</i>								
0	0.00597	597	0.00600	100,000	99,439	0.99327 <sup>a</sup>	7,214,868	72.1
1	0.00176	175	0.00044	99,403	397,198	0.99854 <sup>b</sup>	7,115,430	71.6
5	0.00093	92	0.00019	99,228	495,909	0.99882	6,718,232	67.7
10	0.00144	142	0.00029	99,136	495,324	0.99753	6,222,323	62.8
15	0.00350	346	0.00070	98,994	494,102	0.99538	5,726,999	57.9
20	0.00575	567	0.00115	98,647	491,819	0.99355	5,232,897	53.0
25	0.00716	702	0.00144	98,080	488,645	0.99181	4,741,078	48.3
30	0.00923	898	0.00185	97,378	484,643	0.98852	4,252,433	43.7
35	0.01376	1,328	0.00277	96,479	479,077	0.98256	3,767,790	39.1
40	0.02118	2,015	0.00428	95,151	470,720	0.97378	3,288,713	34.6
45	0.03138	2,923	0.00638	93,137	458,377	0.96266	2,817,993	30.3
50	0.04348	3,923	0.00889	90,214	441,263	0.95061	2,359,616	26.2
55	0.05556	4,794	0.01143	86,291	419,470	0.93330	1,918,354	22.2
60	0.07850	6,397	0.01634	81,497	391,491	0.90277	1,498,884	18.4
65	0.11756	8,829	0.02498	75,100	353,426	0.85097	1,107,393	14.7
70	0.18470	12,240	0.04070	66,271	300,755	0.75841	753,967	11.4
75	0.31138	16,824	0.07376	54,031	228,095	0.49672 <sup>c</sup>	453,212	8.4
80+	1.00000	37,207	0.16528	37,207	225,117	-	225,117	6.1

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

Jadual 3.11: Jadual hayat ringkas mengikut jantina dan umur, Sarawak, 2021 (samb.)

Table 3.11: Abridged life table by sex and age, Sarawak, 2021 (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00508	508	0.00510	100,000	99,526	0.99416 <sup>a</sup>	7,716,522	77.2
1	0.00168	167	0.00042	99,492	397,555	0.99871 <sup>b</sup>	7,616,996	76.6
5	0.00076	76	0.00015	99,326	496,439	0.99910	7,219,441	72.7
10	0.00103	102	0.00021	99,250	495,994	0.99882	6,723,002	67.7
15	0.00133	131	0.00027	99,148	495,410	0.99826	6,227,008	62.8
20	0.00216	214	0.00043	99,016	494,547	0.99739	5,731,597	57.9
25	0.00306	302	0.00061	98,802	493,256	0.99610	5,237,051	53.0
30	0.00474	467	0.00095	98,500	491,335	0.99419	4,743,794	48.2
35	0.00690	676	0.00138	98,034	488,478	0.99157	4,252,460	43.4
40	0.00998	971	0.00201	97,358	484,359	0.98695	3,763,982	38.7
45	0.01615	1,557	0.00326	96,386	478,038	0.97993	3,279,623	34.0
50	0.02406	2,281	0.00487	94,829	468,442	0.97196	2,801,585	29.5
55	0.03212	2,973	0.00653	92,548	455,306	0.95986	2,333,143	25.2
60	0.04843	4,338	0.00993	89,575	437,030	0.93782	1,877,837	21.0
65	0.07662	6,531	0.01594	85,237	409,857	0.89559	1,440,808	16.9
70	0.13450	10,586	0.02884	78,706	367,064	0.81859	1,030,951	13.1
75	0.23561	16,050	0.05342	68,120	300,474	0.54740 <sup>c</sup>	663,888	9.7
80+	1.00000	52,070	0.14328	52,070	363,414	-	363,414	7.0

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

Jadual 3.12: Jadual hayat ringkas mengikut jantina dan umur, Selangor, 2021

Table 3.12: Abridged life table by sex and age, Selangor, 2021

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00487	487	0.00489	100,000	99,544	0.99469 <sup>a</sup>	7,636,289	76.4
1	0.00100	100	0.00025	99,513	397,803	0.99916 <sup>b</sup>	7,536,745	75.7
5	0.00054	53	0.00011	99,413	496,931	0.99936	7,138,942	71.8
10	0.00074	74	0.00015	99,360	496,613	0.99866	6,642,010	66.8
15	0.00194	193	0.00039	99,286	495,947	0.99760	6,145,397	61.9
20	0.00286	284	0.00057	99,093	494,757	0.99671	5,649,450	57.0
25	0.00371	367	0.00074	98,810	493,130	0.99609	5,154,693	52.2
30	0.00410	404	0.00082	98,443	491,204	0.99456	4,661,563	47.4
35	0.00679	665	0.00136	98,039	488,531	0.99044	4,170,359	42.5
40	0.01235	1,202	0.00249	97,374	483,862	0.98358	3,681,827	37.8
45	0.02055	1,976	0.00415	96,171	475,916	0.97411	3,197,965	33.3
50	0.03134	2,952	0.00637	94,195	463,595	0.96085	2,722,050	28.9
55	0.04720	4,307	0.00967	91,243	445,447	0.94163	2,258,454	24.8
60	0.07009	6,094	0.01453	86,936	419,445	0.92193	1,813,007	20.9
65	0.08666	7,005	0.01812	80,842	386,697	0.89764	1,393,562	17.2
70	0.11955	8,827	0.02543	73,837	347,116	0.84528	1,006,864	13.6
75	0.19466	12,655	0.04313	65,010	293,411	0.55527 <sup>c</sup>	659,748	10.1
80+	1.00000	52,355	0.14291	52,355	366,337	-	366,337	7.0
<b>Lelaki</b> <i>Male</i>								
0	0.00513	513	0.00515	100,000	99,517	0.99440 <sup>a</sup>	7,441,492	74.4
1	0.00113	112	0.00028	99,487	397,683	0.99905 <sup>b</sup>	7,341,975	73.8
5	0.00060	59	0.00012	99,375	496,726	0.99929	6,944,292	69.9
10	0.00082	82	0.00016	99,315	496,373	0.99830	6,447,566	64.9
15	0.00258	256	0.00052	99,234	495,528	0.99676	5,951,193	60.0
20	0.00391	387	0.00078	98,977	493,921	0.99573	5,455,665	55.1
25	0.00464	457	0.00093	98,591	491,812	0.99501	4,961,743	50.3
30	0.00534	524	0.00107	98,134	489,360	0.99303	4,469,931	45.5
35	0.00862	841	0.00173	97,610	485,947	0.98806	3,980,571	40.8
40	0.01529	1,479	0.00308	96,769	480,146	0.97973	3,494,624	36.1
45	0.02533	2,414	0.00513	95,290	470,413	0.96750	3,014,478	31.6
50	0.03985	3,701	0.00813	92,876	455,126	0.95140	2,544,065	27.4
55	0.05772	5,147	0.01189	89,175	433,007	0.92905	2,088,939	23.4
60	0.08499	7,142	0.01775	84,028	402,286	0.90673	1,655,932	19.7
65	0.10232	7,867	0.02157	76,886	364,764	0.87854	1,253,646	16.3
70	0.14278	9,855	0.03075	69,019	320,458	0.82167	888,882	12.9
75	0.21981	13,005	0.04939	59,164	263,310	0.53677 <sup>c</sup>	568,424	9.6
80+	1.00000	46,160	0.15129	46,160	305,114	-	305,114	6.6

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

Jadual 3.12: Jadual hayat ringkas mengikut jantina dan umur, Selangor, 2021 (samb.)

Table 3.12: Abridged life table by sex and age, Selangor, 2021 (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00460	460	0.00462	100,000	99,570	0.99503 <sup>a</sup>	7,869,232	78.7
1	0.00088	87	0.00022	99,540	397,945	0.99926 <sup>b</sup>	7,769,663	78.1
5	0.00047	47	0.00009	99,453	497,148	0.99943	7,371,718	74.1
10	0.00066	66	0.00013	99,406	496,867	0.99905	6,874,569	69.2
15	0.00123	122	0.00025	99,341	496,397	0.99863	6,377,702	64.2
20	0.00150	149	0.00030	99,218	495,720	0.99800	5,881,305	59.3
25	0.00251	248	0.00050	99,070	494,727	0.99739	5,385,585	54.4
30	0.00271	268	0.00054	98,821	493,436	0.99625	4,890,858	49.5
35	0.00478	471	0.00096	98,553	491,588	0.99315	4,397,422	44.6
40	0.00892	875	0.00179	98,082	488,222	0.98804	3,905,834	39.8
45	0.01503	1,461	0.00303	97,207	482,382	0.98158	3,417,612	35.2
50	0.02187	2,094	0.00442	95,746	473,497	0.97147	2,935,230	30.7
55	0.03535	3,311	0.00720	93,652	459,985	0.95574	2,461,733	26.3
60	0.05350	4,833	0.01099	90,342	439,625	0.93869	2,001,748	22.2
65	0.06956	5,948	0.01441	85,508	412,672	0.91699	1,562,122	18.3
70	0.09747	7,755	0.02049	79,561	378,415	0.86741	1,149,450	14.4
75	0.17151	12,315	0.03752	71,806	328,240	0.57429 <sup>c</sup>	771,034	10.7
80+	1.00000	59,490	0.13435	59,490	442,795	-	442,795	7.4

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

Jadual 3.13: Jadual hayat ringkas mengikut jantina dan umur, Terengganu, 2021

Table 3.13: Abridged life table by sex and age, Terengganu, 2021

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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00618	618	0.00622	100,000	99,424	0.99312 <sup>a</sup>	7,126,332	71.3
1	0.00159	158	0.00040	99,382	397,134	0.99863 <sup>b</sup>	7,026,908	70.7
5	0.00096	96	0.00019	99,224	495,880	0.99868	6,629,774	66.8
10	0.00167	165	0.00033	99,128	495,227	0.99754	6,133,894	61.9
15	0.00325	322	0.00065	98,963	494,010	0.99629	5,638,667	57.0
20	0.00417	411	0.00084	98,641	492,178	0.99528	5,144,657	52.2
25	0.00528	518	0.00106	98,230	489,855	0.99351	4,652,479	47.4
30	0.00771	753	0.00155	97,712	486,677	0.99005	4,162,624	42.6
35	0.01221	1,184	0.00246	96,959	481,835	0.98422	3,675,947	37.9
40	0.01940	1,858	0.00392	95,775	474,231	0.97561	3,194,112	33.4
45	0.02947	2,768	0.00598	93,917	462,665	0.96329	2,719,881	29.0
50	0.04416	4,025	0.00903	91,149	445,681	0.94587	2,257,216	24.8
55	0.06456	5,625	0.01334	87,124	421,556	0.91757	1,811,535	20.8
60	0.10154	8,275	0.02139	81,499	386,805	0.87778	1,389,979	17.1
65	0.14525	10,635	0.03132	73,223	339,529	0.82105	1,003,174	13.7
70	0.21838	13,668	0.04903	62,588	278,771	0.72514	663,645	10.6
75	0.34713	16,982	0.08401	48,920	202,148	0.47477 <sup>c</sup>	384,874	7.9
80+	1.00000	31,939	0.17479	31,939	182,727	-	182,727	5.7
<b>Lelaki</b> <i>Male</i>								
0	0.00649	649	0.00653	100,000	99,390	0.99263 <sup>a</sup>	6,894,863	68.9
1	0.00203	202	0.00051	99,351	396,924	0.99823 <sup>b</sup>	6,795,473	68.4
5	0.00123	122	0.00025	99,148	495,438	0.99846	6,398,549	64.5
10	0.00186	184	0.00037	99,027	494,674	0.99678	5,903,111	59.6
15	0.00458	453	0.00092	98,843	493,082	0.99475	5,408,437	54.7
20	0.00592	583	0.00119	98,390	490,492	0.99384	4,915,355	50.0
25	0.00640	626	0.00128	97,807	487,469	0.99232	4,424,863	45.2
30	0.00897	872	0.00180	97,181	483,726	0.98767	3,937,394	40.5
35	0.01573	1,514	0.00317	96,309	477,760	0.97919	3,453,668	35.9
40	0.02599	2,463	0.00527	94,795	467,816	0.96765	2,975,908	31.4
45	0.03888	3,589	0.00793	92,332	452,684	0.95249	2,508,092	27.2
50	0.05650	5,014	0.01163	88,742	431,176	0.93235	2,055,408	23.2
55	0.07947	6,654	0.01655	83,728	402,007	0.90151	1,624,231	19.4
60	0.11915	9,183	0.02534	77,074	362,414	0.85714	1,222,224	15.9
65	0.16977	11,526	0.03710	67,891	310,641	0.79030	859,810	12.7
70	0.25779	14,530	0.05919	56,365	245,500	0.68537	549,169	9.7
75	0.39121	16,366	0.09727	41,835	168,259	0.44592 <sup>c</sup>	303,670	7.3
80+	1.00000	25,469	0.18808	25,469	135,411	-	135,411	5.3

Nota: <sup>a</sup> Daripada umur 0 hingga  
Notes: kumpulan umur 1-4  
From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

Jadual 3.13: Jadual hayat ringkas mengikut jantina dan umur, Terengganu, 2021 (samb.)

Table 3.13: Abridged life table by sex and age, Terengganu, 2021 (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00585	585	0.00588	100,000	99,455	0.99367 <sup>a</sup>	7,387,230	73.9
1	0.00113	113	0.00028	99,415	397,380	0.99901 <sup>b</sup>	7,287,775	73.3
5	0.00069	68	0.00014	99,302	496,341	0.99892	6,890,395	69.4
10	0.00147	145	0.00029	99,234	495,807	0.99837	6,394,053	64.4
15	0.00180	179	0.00036	99,089	494,997	0.99793	5,898,246	59.5
20	0.00233	230	0.00047	98,910	493,974	0.99684	5,403,250	54.6
25	0.00399	393	0.00080	98,680	492,414	0.99488	4,909,276	49.7
30	0.00627	616	0.00126	98,286	489,891	0.99278	4,416,861	44.9
35	0.00819	799	0.00164	97,670	486,353	0.98992	3,926,970	40.2
40	0.01199	1,161	0.00241	96,871	481,451	0.98402	3,440,617	35.5
45	0.02002	1,916	0.00404	95,710	473,757	0.97391	2,959,166	30.9
50	0.03227	3,027	0.00656	93,793	461,399	0.95885	2,485,409	26.5
55	0.05032	4,567	0.01032	90,766	442,413	0.93292	2,024,009	22.3
60	0.08473	7,304	0.01770	86,199	412,736	0.89759	1,581,596	18.3
65	0.12172	9,603	0.02592	78,895	370,470	0.85108	1,168,860	14.8
70	0.17988	12,464	0.03953	69,292	315,301	0.76208	798,390	11.5
75	0.30868	17,542	0.07300	56,828	240,286	0.50261 <sup>c</sup>	483,089	8.5
80+	1.00000	39,286	0.16180	39,286	242,803	-	242,803	6.2

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> 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, 2021

Table 3.14: Abridged life table by sex and age, W.P. Kuala Lumpur, 2021

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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00517	517	0.00519	100,000	99,517	0.99448 <sup>a</sup>	7,509,301	75.1
1	0.00086	86	0.00022	99,483	397,721	0.99922 <sup>b</sup>	7,409,784	74.5
5	0.00056	56	0.00011	99,398	496,850	0.99943	7,012,063	70.5
10	0.00057	57	0.00011	99,342	496,569	0.99888	6,515,213	65.6
15	0.00167	166	0.00033	99,285	496,013	0.99742	6,018,644	60.6
20	0.00349	346	0.00070	99,120	494,734	0.99657	5,522,631	55.7
25	0.00337	333	0.00068	98,774	493,037	0.99658	5,027,897	50.9
30	0.00348	342	0.00070	98,441	491,349	0.99563	4,534,860	46.1
35	0.00526	516	0.00106	98,099	489,202	0.99326	4,043,511	41.2
40	0.00823	803	0.00165	97,582	485,904	0.98775	3,554,309	36.4
45	0.01631	1,579	0.00329	96,779	479,950	0.97441	3,068,405	31.7
50	0.03503	3,335	0.00713	95,201	467,666	0.95437	2,588,455	27.2
55	0.05661	5,200	0.01165	91,866	446,329	0.92684	2,120,789	23.1
60	0.09072	7,862	0.01901	86,666	413,673	0.89633	1,674,460	19.3
65	0.11793	9,293	0.02506	78,804	370,786	0.86614	1,260,787	16.0
70	0.15193	10,561	0.03288	69,511	321,152	0.81885	890,001	12.8
75	0.21561	12,710	0.04833	58,950	262,975	0.53771 <sup>c</sup>	568,850	9.6
80+	1.00000	46,240	0.15117	46,240	305,875	-	305,875	6.6
<b>Lelaki</b> <i>Male</i>								
0	0.00556	556	0.00559	100,000	99,477	0.99404 <sup>a</sup>	7,283,552	72.8
1	0.00099	98	0.00025	99,444	397,546	0.99907 <sup>b</sup>	7,184,075	72.2
5	0.00069	69	0.00014	99,346	496,559	0.99928	6,786,529	68.3
10	0.00074	74	0.00015	99,277	496,203	0.99846	6,289,970	63.4
15	0.00234	232	0.00047	99,204	495,438	0.99617	5,793,767	58.4
20	0.00532	527	0.00107	98,971	493,541	0.99509	5,298,329	53.5
25	0.00450	443	0.00090	98,445	491,117	0.99561	4,804,788	48.8
30	0.00427	419	0.00086	98,002	488,963	0.99453	4,313,671	44.0
35	0.00668	652	0.00134	97,583	486,286	0.99171	3,824,708	39.2
40	0.00992	961	0.00199	96,931	482,253	0.98552	3,338,422	34.4
45	0.01910	1,833	0.00386	95,970	475,268	0.96846	2,856,169	29.8
50	0.04423	4,164	0.00905	94,137	460,277	0.94184	2,380,901	25.3
55	0.07272	6,543	0.01509	89,974	433,510	0.90696	1,920,624	21.3
60	0.11495	9,590	0.02439	83,430	393,175	0.87048	1,487,114	17.8
65	0.14598	10,780	0.03150	73,840	342,251	0.83812	1,093,939	14.8
70	0.18050	11,383	0.03968	63,060	286,846	0.78858	751,688	11.9
75	0.24915	12,875	0.05692	51,678	226,201	0.51338 <sup>c</sup>	464,842	9.0
80+	1.00000	38,802	0.16260	38,802	238,641	-	238,641	6.2

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> 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, 2021 (samb.)

Table 3.14: Abridged life table by sex and age, W.P. Kuala Lumpur, 2021 (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> Female								
0	0.00473	473	0.00475	100,000	99,557	0.99497 <sup>a</sup>	7,777,095	77.8
1	0.00073	73	0.00018	99,527	397,926	0.99936 <sup>b</sup>	7,677,537	77.1
5	0.00041	41	0.00008	99,454	497,167	0.99960	7,279,612	73.2
10	0.00039	39	0.00008	99,413	496,968	0.99935	6,782,445	68.2
15	0.00091	91	0.00018	99,374	496,644	0.99887	6,285,477	63.3
20	0.00134	134	0.00027	99,283	496,084	0.99830	5,788,833	58.3
25	0.00206	204	0.00041	99,150	495,240	0.99771	5,292,749	53.4
30	0.00252	250	0.00051	98,946	494,107	0.99697	4,797,509	48.5
35	0.00355	350	0.00071	98,697	492,608	0.99517	4,303,402	43.6
40	0.00611	601	0.00123	98,347	490,230	0.99052	3,810,794	38.7
45	0.01287	1,258	0.00259	97,745	485,581	0.98127	3,320,564	34.0
50	0.02466	2,380	0.00499	96,487	476,486	0.96764	2,834,983	29.4
55	0.04025	3,788	0.00822	94,107	461,066	0.94704	2,358,498	25.1
60	0.06620	5,979	0.01369	90,319	436,648	0.92245	1,897,432	21.0
65	0.08971	7,566	0.01878	84,340	402,785	0.89427	1,460,784	17.3
70	0.12332	9,468	0.02628	76,774	360,201	0.84787	1,057,998	13.8
75	0.18500	12,452	0.04077	67,306	305,402	0.56233 <sup>c</sup>	697,797	10.4
80+	1.00000	54,854	0.13979	54,854	392,396	-	392,396	7.2

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

Jadual 3.15: Jadual hayat ringkas mengikut jantina dan umur, W.P. Labuan, 2021

Table 3.15: Abridged life table by sex and age, W.P. Labuan, 2021

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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00569	569	0.00572	100,000	99,469	0.99325 <sup>a</sup>	7,450,641	74.5
1	0.00230	229	0.00058	99,431	397,157	0.99828 <sup>b</sup>	7,351,171	73.9
5	0.00097	96	0.00019	99,203	495,774	0.99888	6,954,014	70.1
10	0.00128	126	0.00026	99,107	495,218	0.99858	6,458,240	65.2
15	0.00156	154	0.00031	98,980	494,516	0.99811	5,963,023	60.2
20	0.00222	219	0.00044	98,826	493,583	0.99618	5,468,507	55.3
25	0.00543	535	0.00109	98,607	491,697	0.99498	4,974,924	50.5
30	0.00461	452	0.00092	98,072	489,231	0.99456	4,483,227	45.7
35	0.00628	614	0.00126	97,620	486,568	0.99143	3,993,996	40.9
40	0.01086	1,054	0.00218	97,007	482,399	0.98497	3,507,428	36.2
45	0.01924	1,846	0.00389	95,953	475,149	0.97179	3,025,029	31.5
50	0.03736	3,516	0.00761	94,107	461,744	0.95729	2,549,880	27.1
55	0.04827	4,373	0.00989	90,591	442,022	0.94032	2,088,136	23.1
60	0.07167	6,179	0.01487	86,218	415,643	0.89909	1,646,113	19.1
65	0.13242	10,598	0.02836	80,039	373,699	0.85615	1,230,470	15.4
70	0.15702	10,904	0.03408	69,441	319,943	0.79826	856,772	12.3
75	0.25478	14,914	0.05839	58,537	255,399	0.52425 <sup>c</sup>	536,829	9.2
80+	1.00000	43,623	0.15500	43,623	281,430	-	281,430	6.5
<b>Lelaki</b> <i>Male</i>								
0	0.00594	594	0.00598	100,000	99,441	0.99255 <sup>a</sup>	7,293,698	72.9
1	0.00336	334	0.00084	99,406	396,834	0.99726 <sup>b</sup>	7,194,257	72.4
5	0.00180	178	0.00036	99,072	494,916	0.99871	6,797,423	68.6
10	0.00078	77	0.00016	98,894	494,279	0.99872	6,302,507	63.7
15	0.00177	175	0.00036	98,817	493,649	0.99724	5,808,228	58.8
20	0.00374	369	0.00075	98,642	492,288	0.99427	5,314,580	53.9
25	0.00773	759	0.00155	98,273	489,468	0.99330	4,822,291	49.1
30	0.00566	552	0.00113	97,514	486,190	0.99317	4,332,823	44.4
35	0.00801	777	0.00161	96,962	482,869	0.99211	3,846,633	39.7
40	0.00777	747	0.00156	96,185	479,059	0.98358	3,363,765	35.0
45	0.02515	2,400	0.00509	95,438	471,192	0.96335	2,884,705	30.2
50	0.04846	4,509	0.00993	93,038	453,920	0.94901	2,413,514	25.9
55	0.05364	4,749	0.01102	88,530	430,776	0.93723	1,959,593	22.1
60	0.07241	6,067	0.01503	83,781	403,736	0.88193	1,528,818	18.2
65	0.16730	13,002	0.03651	77,714	356,065	0.82776	1,125,082	14.5
70	0.17817	11,530	0.03912	64,712	294,737	0.78456	769,016	11.9
75	0.26078	13,869	0.05998	53,183	231,240	0.51244 <sup>c</sup>	474,280	8.9
80+	1.00000	39,313	0.16176	39,313	243,040	-	243,040	6.2

Nota: <sup>a</sup> Daripada umur 0 hingga  
Notes: kumpulan umur 1-4  
From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

Jadual 3.15: Jadual hayat ringkas mengikut jantina dan umur, W.P. Labuan, 2021 (samb.)

Table 3.15: Abridged life table by sex and age, W.P. Labuan, 2021 (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> Female								
0	0.00544	544	0.00546	100,000	99,492	0.99411 <sup>a</sup>	7,624,391	76.2
1	0.00107	106	0.00027	99,456	397,562	0.99939 <sup>b</sup>	7,524,898	75.7
5	0.00000	-	0.00000	99,350	496,751	0.99906	7,127,337	71.7
10	0.00188	187	0.00038	99,350	496,284	0.99839	6,630,585	66.7
15	0.00134	133	0.00027	99,163	495,485	0.99883	6,134,301	61.9
20	0.00100	99	0.00020	99,030	494,905	0.99795	5,638,816	56.9
25	0.00311	308	0.00062	98,932	493,889	0.99666	5,143,911	52.0
30	0.00357	352	0.00072	98,624	492,239	0.99610	4,650,022	47.1
35	0.00423	416	0.00085	98,272	490,319	0.99050	4,157,783	42.3
40	0.01480	1,448	0.00298	97,856	485,659	0.98574	3,667,464	37.5
45	0.01372	1,322	0.00276	96,408	478,732	0.97971	3,181,805	33.0
50	0.02695	2,563	0.00546	95,085	469,019	0.96555	2,703,072	28.4
55	0.04216	3,900	0.00861	92,522	452,861	0.94385	2,234,053	24.1
60	0.07076	6,271	0.01467	88,622	427,432	0.91768	1,781,193	20.1
65	0.09476	7,804	0.01989	82,351	392,244	0.88788	1,353,761	16.4
70	0.13130	9,788	0.02810	74,547	348,266	0.81444	961,517	12.9
75	0.24803	16,062	0.05663	64,759	283,641	0.53748 <sup>c</sup>	613,251	9.5
80+	1.00000	48,697	0.14774	48,697	329,610	-	329,610	6.8

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

Jadual 3.16: Jadual hayat ringkas mengikut jantina dan umur, W.P. Putrajaya, 2021

Table 3.16: Abridged life table by sex and age, W.P. Putrajaya, 2021

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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00693	693	0.00697	100,000	99,356	0.99291 <sup>a</sup>	7,458,982	74.6
1	0.00052	52	0.00013	99,307	397,099	0.99935 <sup>b</sup>	7,359,626	74.1
5	0.00057	56	0.00011	99,255	496,134	0.99928	6,962,527	70.1
10	0.00087	87	0.00018	99,199	495,776	0.99885	6,466,393	65.2
15	0.00143	142	0.00029	99,112	495,205	0.99688	5,970,616	60.2
20	0.00481	476	0.00096	98,970	493,661	0.99655	5,475,412	55.3
25	0.00208	205	0.00042	98,494	491,958	0.99747	4,981,751	50.6
30	0.00297	292	0.00060	98,289	490,715	0.99659	4,489,793	45.7
35	0.00384	376	0.00077	97,997	489,043	0.99441	3,999,078	40.8
40	0.00735	718	0.00148	97,620	486,307	0.99027	3,510,035	36.0
45	0.01212	1,174	0.00244	96,902	481,577	0.98265	3,023,728	31.2
50	0.02264	2,167	0.00458	95,728	473,222	0.96528	2,542,151	26.6
55	0.04708	4,405	0.00964	93,561	456,792	0.92713	2,068,929	22.1
60	0.09993	8,910	0.02104	89,156	423,507	0.88316	1,612,137	18.1
65	0.13564	10,884	0.02910	80,247	374,022	0.83121	1,188,630	14.8
70	0.20716	14,369	0.04622	69,362	310,890	0.77613	814,608	11.7
75	0.24496	13,471	0.05583	54,993	241,290	0.52098 <sup>c</sup>	503,718	9.2
80+	1.00000	41,522	0.15822	41,522	262,428	-	262,428	6.3
<b>Lelaki</b> <i>Male</i>								
0	0.00709	709	0.00713	100,000	99,336	0.99276 <sup>a</sup>	7,160,899	71.6
1	0.00051	50	0.00013	99,291	397,046	0.99928 <sup>b</sup>	7,061,563	71.1
5	0.00073	73	0.00015	99,241	496,023	0.99927	6,664,517	67.2
10	0.00073	72	0.00015	99,168	495,661	0.99826	6,168,494	62.2
15	0.00276	273	0.00055	99,096	494,798	0.99476	5,672,833	57.2
20	0.00773	764	0.00155	98,823	492,205	0.99440	5,178,035	52.4
25	0.00346	340	0.00069	98,059	489,446	0.99623	4,685,830	47.8
30	0.00407	398	0.00082	97,719	487,603	0.99553	4,196,384	42.9
35	0.00487	474	0.00098	97,322	485,424	0.99333	3,708,780	38.1
40	0.00847	820	0.00170	96,848	482,187	0.98982	3,223,357	33.3
45	0.01191	1,143	0.00240	96,027	477,279	0.97959	2,741,169	28.5
50	0.02901	2,752	0.00589	94,884	467,539	0.95634	2,263,891	23.9
55	0.05876	5,413	0.01211	92,132	447,125	0.90985	1,796,351	19.5
60	0.12351	10,710	0.02633	86,718	406,816	0.86249	1,349,227	15.6
65	0.15349	11,667	0.03325	76,008	350,873	0.78527	942,411	12.4
70	0.28708	18,471	0.06704	64,341	275,529	0.64946	591,538	9.2
75	0.43956	20,163	0.11268	45,870	178,944	0.43374 <sup>c</sup>	316,009	6.9
80+	1.00000	25,707	0.18756	25,707	137,065	-	137,065	5.3

Nota: <sup>a</sup> Daripada umur 0 hingga  
Notes: kumpulan umur 1-4  
From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

Jadual 3.16: Jadual hayat ringkas mengikut jantina dan umur, W.P. Putrajaya, 2021 (samb.)

Table 3.16: Abridged life table by sex and age, W.P. Putrajaya, 2021 (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00677	677	0.00682	100,000	99,370	0.99306 <sup>a</sup>	7,757,623	77.6
1	0.00054	54	0.00014	99,323	397,157	0.99944 <sup>b</sup>	7,658,252	77.1
5	0.00039	39	0.00008	99,269	496,248	0.99929	7,261,095	73.1
10	0.00103	102	0.00021	99,230	495,894	0.99948	6,764,847	68.2
15	0.00000	-	0.00000	99,128	495,638	0.99917	6,268,953	63.2
20	0.00166	165	0.00033	99,128	495,226	0.99869	5,773,314	58.2
25	0.00095	94	0.00019	98,963	494,580	0.99848	5,278,088	53.3
30	0.00209	207	0.00042	98,869	493,828	0.99746	4,783,508	48.4
35	0.00299	295	0.00060	98,662	492,573	0.99539	4,289,680	43.5
40	0.00624	613	0.00125	98,367	490,301	0.99072	3,797,107	38.6
45	0.01235	1,207	0.00249	97,754	485,749	0.98574	3,306,806	33.8
50	0.01620	1,564	0.00327	96,546	478,821	0.97484	2,821,057	29.2
55	0.03427	3,255	0.00697	94,982	466,774	0.94447	2,342,235	24.7
60	0.07755	7,113	0.01614	91,727	440,853	0.90185	1,875,461	20.4
65	0.12048	10,194	0.02564	84,614	397,584	0.86323	1,434,608	17.0
70	0.15528	11,556	0.03367	74,420	343,208	0.86144	1,037,024	13.9
75	0.11876	7,466	0.02525	62,864	295,653	0.57387 <sup>c</sup>	693,816	11.0
80+	1.00000	55,398	0.13913	55,398	398,163	-	398,163	7.2

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

# NEGERI *STATE*

2022<sup>p</sup>



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Jadual 4.1: Jadual hayat ringkas mengikut jantina dan umur, Johor, 2022<sup>P</sup>

Table 4.1: Abridged life table by sex and age, Johor, 2022<sup>P</sup>

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00674	674	0.00678	100,000	99,373	0.99277 <sup>a</sup>	7,360,099	73.6
1	0.00118	117	0.00029	99,326	397,013	0.99896 <sup>b</sup>	7,260,725	73.1
5	0.00071	70	0.00014	99,209	495,869	0.99912	6,863,713	69.2
10	0.00104	103	0.00021	99,139	495,436	0.99817	6,367,843	64.2
15	0.00261	259	0.00052	99,035	494,531	0.99707	5,872,408	59.3
20	0.00325	321	0.00065	98,777	493,081	0.99634	5,377,877	54.4
25	0.00406	400	0.00081	98,456	491,278	0.99483	4,884,796	49.6
30	0.00628	615	0.00126	98,055	488,739	0.99197	4,393,518	44.8
35	0.00980	954	0.00197	97,440	484,815	0.98730	3,904,779	40.1
40	0.01562	1,508	0.00315	96,486	478,660	0.98001	3,419,965	35.4
45	0.02442	2,319	0.00494	94,978	469,092	0.97001	2,941,305	31.0
50	0.03570	3,308	0.00727	92,659	455,025	0.95616	2,472,212	26.7
55	0.05229	4,673	0.01074	89,351	435,074	0.93616	2,017,188	22.6
60	0.07602	6,438	0.01581	84,679	407,299	0.90302	1,582,113	18.7
65	0.11965	9,362	0.02545	78,241	367,801	0.84755	1,174,814	15.0
70	0.18970	13,067	0.04192	68,879	311,730	0.77320	807,014	11.7
75	0.27257	15,213	0.06312	55,813	241,030	0.51335 <sup>c</sup>	495,284	8.9
80+	1.00000	40,600	0.15968	40,600	254,254	-	254,254	6.3
<b>Lelaki</b> <i>Male</i>								
0	0.00718	718	0.00723	100,000	99,327	0.99232 <sup>a</sup>	7,149,205	71.5
1	0.00125	124	0.00031	99,282	396,833	0.99887 <sup>b</sup>	7,049,878	71.0
5	0.00076	76	0.00015	99,158	495,599	0.99900	6,653,045	67.1
10	0.00124	123	0.00025	99,082	495,102	0.99745	6,157,446	62.1
15	0.00386	382	0.00077	98,959	493,839	0.99596	5,662,344	57.2
20	0.00422	416	0.00085	98,577	491,845	0.99543	5,168,505	52.4
25	0.00492	483	0.00099	98,161	489,597	0.99367	4,676,660	47.6
30	0.00773	755	0.00155	97,678	486,500	0.99022	4,187,063	42.9
35	0.01184	1,147	0.00238	96,922	481,743	0.98481	3,700,563	38.2
40	0.01858	1,779	0.00375	95,775	474,427	0.97609	3,218,819	33.6
45	0.02934	2,758	0.00596	93,996	463,084	0.96378	2,744,392	29.2
50	0.04330	3,950	0.00885	91,238	446,312	0.94602	2,281,308	25.0
55	0.06514	5,686	0.01347	87,287	422,222	0.92113	1,834,995	21.0
60	0.09356	7,634	0.01963	81,602	388,922	0.88095	1,412,773	17.3
65	0.14718	10,887	0.03178	73,967	342,619	0.81717	1,023,851	13.8
70	0.22463	14,170	0.05061	63,080	279,978	0.73612	681,232	10.8
75	0.31450	15,382	0.07464	48,911	206,099	0.48636 <sup>c</sup>	401,253	8.2
80+	1.00000	33,529	0.17181	33,529	195,155	-	195,155	5.8

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>P</sup> Permulaan  
Preliminary

Jadual 4.1: Jadual hayat ringkas mengikut jantina dan umur, Johor, 2022<sup>P</sup> (samb.)

Table 4.1: Abridged life table by sex and age, Johor, 2022<sup>P</sup> (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00628	628	0.00631	100,000	99,416	0.99327 <sup>a</sup>	7,614,764	76.1
1	0.00110	109	0.00028	99,372	397,218	0.99903 <sup>b</sup>	7,515,348	75.6
5	0.00065	65	0.00013	99,263	496,154	0.99926	7,118,130	71.7
10	0.00083	82	0.00017	99,198	495,787	0.99898	6,621,976	66.8
15	0.00122	121	0.00024	99,116	495,279	0.99839	6,126,189	61.8
20	0.00200	198	0.00040	98,995	494,482	0.99754	5,630,910	56.9
25	0.00291	288	0.00058	98,797	493,267	0.99632	5,136,428	52.0
30	0.00446	439	0.00089	98,510	491,450	0.99409	4,643,161	47.1
35	0.00736	722	0.00148	98,070	488,548	0.99023	4,151,711	42.3
40	0.01219	1,187	0.00245	97,349	483,776	0.98453	3,663,164	37.6
45	0.01878	1,806	0.00379	96,162	476,293	0.97678	3,179,388	33.1
50	0.02774	2,618	0.00563	94,355	465,232	0.96708	2,703,095	28.6
55	0.03824	3,508	0.00780	91,737	449,917	0.95230	2,237,863	24.4
60	0.05754	5,076	0.01185	88,229	428,455	0.92550	1,787,946	20.3
65	0.09251	7,692	0.01940	83,153	396,533	0.87800	1,359,492	16.3
70	0.15451	11,659	0.03349	75,461	348,155	0.81012	962,958	12.8
75	0.23172	14,784	0.05242	63,801	282,047	0.54124 <sup>c</sup>	614,803	9.6
80+	1.00000	49,017	0.14731	49,017	332,757	-	332,757	6.8

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>P</sup> Permulaan  
*Preliminary*

Jadual 4.2: Jadual hayat ringkas mengikut jantina dan umur, Kedah, 2022<sup>P</sup>

Table 4.2: Abridged life table by sex and age, Kedah, 2022<sup>P</sup>

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00611	611	0.00614	100,000	99,431	0.99337 <sup>a</sup>	7,173,121	71.7
1	0.00123	122	0.00031	99,389	397,253	0.99884 <sup>b</sup>	7,073,690	71.2
5	0.00092	91	0.00018	99,267	496,108	0.99892	6,676,436	67.3
10	0.00125	124	0.00025	99,176	495,571	0.99776	6,180,328	62.3
15	0.00323	320	0.00065	99,052	494,461	0.99615	5,684,758	57.4
20	0.00448	443	0.00090	98,732	492,556	0.99501	5,190,297	52.6
25	0.00550	541	0.00110	98,290	490,098	0.99267	4,697,741	47.8
30	0.00918	897	0.00184	97,749	486,503	0.98811	4,207,643	43.0
35	0.01463	1,417	0.00295	96,852	480,719	0.98097	3,721,140	38.4
40	0.02350	2,243	0.00476	95,435	471,569	0.97109	3,240,421	34.0
45	0.03444	3,209	0.00701	93,192	457,938	0.95931	2,768,852	29.7
50	0.04717	4,245	0.00966	89,983	439,304	0.94381	2,310,913	25.7
55	0.06566	5,630	0.01358	85,738	414,618	0.91912	1,871,609	21.8
60	0.09717	7,784	0.02043	80,109	381,083	0.88769	1,456,991	18.2
65	0.12908	9,336	0.02760	72,325	338,284	0.84545	1,075,908	14.9
70	0.18380	11,577	0.04048	62,989	286,001	0.77861	737,624	11.7
75	0.26745	13,750	0.06175	51,412	222,683	0.50693 <sup>c</sup>	451,623	8.8
80+	1.00000	37,662	0.16450	37,662	228,940	-	228,940	6.1
<b>Lelaki</b> <i>Male</i>								
0	0.00645	645	0.00649	100,000	99,395	0.99301 <sup>a</sup>	6,908,502	69.1
1	0.00133	132	0.00033	99,355	397,108	0.99864 <sup>b</sup>	6,809,107	68.5
5	0.00115	114	0.00023	99,223	495,830	0.99879	6,411,999	64.6
10	0.00127	126	0.00025	99,109	495,229	0.99700	5,916,170	59.7
15	0.00472	468	0.00095	98,983	493,745	0.99470	5,420,940	54.8
20	0.00587	579	0.00118	98,515	491,129	0.99356	4,927,195	50.0
25	0.00701	687	0.00141	97,936	487,966	0.99064	4,436,066	45.3
30	0.01172	1,139	0.00236	97,250	483,401	0.98415	3,948,100	40.6
35	0.02003	1,925	0.00405	96,110	475,739	0.97490	3,464,699	36.0
40	0.03028	2,852	0.00615	94,185	463,797	0.96267	2,988,959	31.7
45	0.04461	4,074	0.00913	91,333	446,481	0.94682	2,525,163	27.6
50	0.06216	5,424	0.01283	87,259	422,736	0.92782	2,078,681	23.8
55	0.08287	6,782	0.01729	81,835	392,221	0.89933	1,655,946	20.2
60	0.12007	9,012	0.02555	75,053	352,738	0.86201	1,263,724	16.8
65	0.15835	10,458	0.03439	66,042	304,065	0.81695	910,986	13.8
70	0.21241	11,806	0.04753	55,584	248,405	0.74862	606,921	10.9
75	0.30087	13,171	0.07083	43,778	185,960	0.48131 <sup>c</sup>	358,517	8.2
80+	1.00000	30,606	0.17737	30,606	172,556	-	172,556	5.6

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>P</sup> Permulaan  
Preliminary

Jadual 4.2: Jadual hayat ringkas mengikut jantina dan umur, Kedah, 2022<sup>P</sup> (samb.)

Table 4.2: Abridged life table by sex and age, Kedah, 2022<sup>P</sup> (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> Female								
0	0.00574	574	0.00577	100,000	99,464	0.99378 <sup>a</sup>	7,463,796	74.6
1	0.00112	111	0.00028	99,426	397,426	0.99903 <sup>b</sup>	7,364,331	74.1
5	0.00066	66	0.00013	99,314	496,407	0.99905	6,966,905	70.2
10	0.00123	122	0.00025	99,248	495,937	0.99858	6,470,499	65.2
15	0.00160	159	0.00032	99,126	495,234	0.99778	5,974,562	60.3
20	0.00284	282	0.00057	98,967	494,133	0.99671	5,479,328	55.4
25	0.00373	368	0.00075	98,686	492,509	0.99492	4,985,195	50.5
30	0.00643	632	0.00129	98,318	490,008	0.99222	4,492,686	45.7
35	0.00914	893	0.00184	97,685	486,196	0.98713	4,002,678	41.0
40	0.01663	1,610	0.00335	96,793	479,939	0.97955	3,516,482	36.3
45	0.02434	2,317	0.00493	95,183	470,122	0.97117	3,036,542	31.9
50	0.03344	3,105	0.00680	92,866	456,567	0.95876	2,566,420	27.6
55	0.04931	4,426	0.01011	89,761	437,738	0.93772	2,109,853	23.5
60	0.07593	6,479	0.01578	85,334	410,473	0.91128	1,672,115	19.6
65	0.10256	8,088	0.02162	78,855	374,056	0.87185	1,261,642	16.0
70	0.15667	11,087	0.03400	70,767	326,120	0.80607	887,586	12.5
75	0.23812	14,211	0.05406	59,681	262,875	0.53181 <sup>c</sup>	561,466	9.4
80+	1.00000	45,469	0.15228	45,469	298,591	-	298,591	6.6

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>P</sup> Permulaan  
*Preliminary*

Jadual 4.3: Jadual hayat ringkas mengikut jantina dan umur, Kelantan, 2022<sup>P</sup>

Table 4.3: Abridged life table by sex and age, Kelantan, 2022<sup>P</sup>

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00742	742	0.00747	100,000	99,312	0.99203 <sup>a</sup>	7,127,280	71.3
1	0.00133	132	0.00033	99,258	396,704	0.99872 <sup>b</sup>	7,027,968	70.8
5	0.00102	101	0.00020	99,126	495,379	0.99878	6,631,264	66.9
10	0.00143	141	0.00029	99,025	494,774	0.99773	6,135,885	62.0
15	0.00311	308	0.00062	98,884	493,652	0.99654	5,641,111	57.0
20	0.00380	375	0.00076	98,577	491,946	0.99510	5,147,459	52.2
25	0.00599	589	0.00120	98,202	489,538	0.99222	4,655,513	47.4
30	0.00958	935	0.00193	97,613	485,728	0.98878	4,165,975	42.7
35	0.01288	1,245	0.00259	96,678	480,277	0.98318	3,680,248	38.1
40	0.02081	1,986	0.00421	95,433	472,199	0.97375	3,199,971	33.5
45	0.03180	2,972	0.00646	93,447	459,805	0.96234	2,727,772	29.2
50	0.04371	3,955	0.00894	90,475	442,490	0.94694	2,267,967	25.1
55	0.06283	5,436	0.01297	86,521	419,013	0.92401	1,825,477	21.1
60	0.09003	7,300	0.01885	81,084	387,172	0.88722	1,406,464	17.3
65	0.13778	10,166	0.02959	73,784	343,507	0.82816	1,019,293	13.8
70	0.21135	13,446	0.04727	63,618	284,477	0.72443	675,786	10.6
75	0.35699	17,911	0.08691	50,172	206,085	0.47334 <sup>c</sup>	391,309	7.8
80+	1.00000	32,261	0.17418	32,261	185,224	-	185,224	5.7
<b>Lelaki</b> <i>Male</i>								
0	0.00851	851	0.00858	100,000	99,206	0.99093 <sup>a</sup>	6,882,379	68.8
1	0.00142	141	0.00036	99,149	396,260	0.99848 <sup>b</sup>	6,783,173	68.4
5	0.00132	131	0.00026	99,008	494,711	0.99847	6,386,913	64.5
10	0.00174	172	0.00035	98,877	493,953	0.99683	5,892,203	59.6
15	0.00461	455	0.00092	98,704	492,385	0.99487	5,398,250	54.7
20	0.00565	555	0.00113	98,249	489,860	0.99345	4,905,865	49.9
25	0.00746	729	0.00150	97,695	486,651	0.99043	4,416,004	45.2
30	0.01170	1,134	0.00235	96,966	481,993	0.98593	3,929,353	40.5
35	0.01647	1,578	0.00332	95,832	475,212	0.97868	3,447,360	36.0
40	0.02625	2,474	0.00532	94,253	465,080	0.96692	2,972,148	31.5
45	0.04009	3,680	0.00818	91,779	449,695	0.95252	2,507,069	27.3
50	0.05519	4,862	0.01135	88,099	428,342	0.93322	2,057,373	23.4
55	0.07905	6,580	0.01646	83,237	399,738	0.90665	1,629,032	19.6
60	0.10888	8,347	0.02303	76,658	362,422	0.86384	1,229,294	16.0
65	0.16676	11,392	0.03639	68,311	313,075	0.79295	866,872	12.7
70	0.25541	14,538	0.05856	56,919	248,252	0.68382	553,797	9.7
75	0.39779	16,859	0.09931	42,381	169,760	0.44440 <sup>c</sup>	305,545	7.2
80+	1.00000	25,523	0.18796	25,523	135,785	-	135,785	5.3

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>P</sup> Permulaan  
Preliminary

Jadual 4.3: Jadual hayat ringkas mengikut jantina dan umur, Kelantan, 2022<sup>p</sup> (samb.)

Table 4.3: Abridged life table by sex and age, Kelantan, 2022<sup>p</sup> (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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00624	624	0.00628	100,000	99,418	0.99323 <sup>a</sup>	7,393,870	73.9
1	0.00124	123	0.00031	99,376	397,197	0.99894 <sup>b</sup>	7,294,452	73.4
5	0.00070	69	0.00014	99,253	496,091	0.99911	6,897,255	69.5
10	0.00108	107	0.00022	99,183	495,649	0.99869	6,401,165	64.5
15	0.00153	151	0.00031	99,076	495,001	0.99821	5,905,516	59.6
20	0.00204	202	0.00041	98,925	494,118	0.99675	5,410,515	54.7
25	0.00445	439	0.00089	98,722	492,514	0.99414	4,916,397	49.8
30	0.00727	714	0.00146	98,283	489,630	0.99185	4,423,883	45.0
35	0.00904	882	0.00182	97,569	485,640	0.98796	3,934,253	40.3
40	0.01507	1,458	0.00304	96,687	479,792	0.98060	3,448,613	35.7
45	0.02379	2,265	0.00482	95,230	470,485	0.97156	2,968,820	31.2
50	0.03320	3,087	0.00675	92,964	457,104	0.95949	2,498,336	26.9
55	0.04806	4,319	0.00985	89,877	438,588	0.93998	2,041,232	22.7
60	0.07258	6,209	0.01506	85,558	412,266	0.90881	1,602,643	18.7
65	0.11125	8,828	0.02356	79,349	374,673	0.86100	1,190,377	15.0
70	0.17022	12,004	0.03721	70,521	322,593	0.76197	815,704	11.6
75	0.31976	18,711	0.07612	58,517	245,805	0.50152 <sup>c</sup>	493,111	8.4
80+	1.00000	39,806	0.16096	39,806	247,306	-	247,306	6.2

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>p</sup> Permulaan  
*Preliminary*

Jadual 4.4: Jadual hayat ringkas mengikut jantina dan umur, Melaka, 2022<sup>P</sup>

Table 4.4: Abridged life table by sex and age, Melaka, 2022<sup>P</sup>

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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00707	707	0.00712	100,000	99,343	0.99237 <sup>a</sup>	7,287,234	72.9
1	0.00133	132	0.00033	99,293	396,843	0.99883 <sup>b</sup>	7,187,891	72.4
5	0.00080	80	0.00016	99,161	495,606	0.99918	6,791,047	68.5
10	0.00084	83	0.00017	99,081	495,199	0.99829	6,295,441	63.5
15	0.00258	256	0.00052	98,998	494,353	0.99716	5,800,242	58.6
20	0.00309	305	0.00062	98,743	492,951	0.99633	5,305,889	53.7
25	0.00425	418	0.00085	98,438	491,142	0.99538	4,812,938	48.9
30	0.00499	489	0.00100	98,019	488,873	0.99277	4,321,796	44.1
35	0.00949	925	0.00191	97,530	485,338	0.98960	3,832,923	39.3
40	0.01133	1,095	0.00228	96,605	480,289	0.98215	3,347,585	34.7
45	0.02444	2,334	0.00495	95,510	471,717	0.96622	2,867,296	30.0
50	0.04335	4,039	0.00886	93,176	455,785	0.94659	2,395,579	25.7
55	0.06393	5,698	0.01321	89,137	431,441	0.92441	1,939,794	21.8
60	0.08804	7,346	0.01842	83,439	398,830	0.89796	1,508,353	18.1
65	0.11738	8,932	0.02494	76,093	358,134	0.85121	1,109,523	14.6
70	0.18437	12,382	0.04062	67,161	304,848	0.74788	751,389	11.2
75	0.33518	18,360	0.08053	54,778	227,991	0.48943 <sup>c</sup>	446,541	8.2
80+	1.00000	36,418	0.16664	36,418	218,550	-	218,550	6.0
<b>Lelaki</b> <i>Male</i>								
0	0.00809	809	0.00815	100,000	99,244	0.99144 <sup>a</sup>	7,045,204	70.5
1	0.00123	122	0.00031	99,191	396,476	0.99885 <sup>b</sup>	6,945,960	70.0
5	0.00079	78	0.00016	99,069	495,151	0.99922	6,549,484	66.1
10	0.00076	75	0.00015	98,991	494,767	0.99789	6,054,333	61.2
15	0.00346	342	0.00069	98,916	493,723	0.99601	5,559,566	56.2
20	0.00452	446	0.00091	98,574	491,754	0.99481	5,065,843	51.4
25	0.00585	574	0.00117	98,128	489,204	0.99416	4,574,089	46.6
30	0.00583	569	0.00117	97,554	486,346	0.99134	4,084,884	41.9
35	0.01151	1,116	0.00232	96,985	482,134	0.98806	3,598,538	37.1
40	0.01238	1,187	0.00249	95,869	476,377	0.97510	3,116,404	32.5
45	0.03757	3,557	0.00766	94,682	464,517	0.95450	2,640,027	27.9
50	0.05373	4,896	0.01104	91,125	443,384	0.93172	2,175,510	23.9
55	0.08366	7,214	0.01746	86,229	413,109	0.90373	1,732,126	20.1
60	0.11004	8,695	0.02329	79,015	373,337	0.87312	1,319,017	16.7
65	0.14581	10,253	0.03145	70,320	325,967	0.82242	945,680	13.4
70	0.21477	12,901	0.04812	60,067	268,083	0.71088	619,713	10.3
75	0.38380	18,103	0.09499	47,166	190,575	0.45803 <sup>c</sup>	351,630	7.5
80+	1.00000	29,064	0.18046	29,064	161,056	-	161,056	5.5

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>P</sup> Permulaan  
Preliminary

Jadual 4.4: Jadual hayat ringkas mengikut jantina dan umur, Melaka, 2022<sup>P</sup> (samb.)

Table 4.4: Abridged life table by sex and age, Melaka, 2022<sup>P</sup> (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> Female								
0	0.00599	599	0.00602	100,000	99,442	0.99338 <sup>a</sup>	7,549,565	75.5
1	0.00143	142	0.00036	99,401	397,250	0.99879 <sup>b</sup>	7,450,123	75.0
5	0.00082	81	0.00016	99,259	496,091	0.99913	7,052,873	71.1
10	0.00092	92	0.00018	99,178	495,660	0.99874	6,556,782	66.1
15	0.00160	158	0.00032	99,086	495,035	0.99851	6,061,122	61.2
20	0.00139	137	0.00028	98,928	494,296	0.99807	5,566,087	56.3
25	0.00247	244	0.00049	98,791	493,343	0.99690	5,071,792	51.3
30	0.00374	369	0.00075	98,547	491,811	0.99458	4,578,449	46.5
35	0.00710	697	0.00143	98,178	489,147	0.99153	4,086,638	41.6
40	0.00985	961	0.00198	97,481	485,003	0.98752	3,597,491	36.9
45	0.01513	1,460	0.00305	96,520	478,951	0.97595	3,112,488	32.2
50	0.03312	3,148	0.00674	95,060	467,430	0.96089	2,633,537	27.7
55	0.04530	4,164	0.00927	91,912	449,151	0.94452	2,166,107	23.6
60	0.06614	5,804	0.01368	87,748	424,233	0.92175	1,716,957	19.6
65	0.09122	7,475	0.01911	81,945	391,037	0.87794	1,292,724	15.8
70	0.15599	11,617	0.03384	74,470	343,308	0.78204	901,687	12.1
75	0.29137	18,314	0.06821	62,853	268,482	0.51918 <sup>c</sup>	558,379	8.9
80+	1.00000	44,540	0.15364	44,540	289,897	-	289,897	6.5

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>P</sup> Permulaan  
*Preliminary*

Jadual 4.5: Jadual hayat ringkas mengikut jantina dan umur, Negeri Sembilan, 2022<sup>P</sup>

Table 4.5: Abridged life table by sex and age, Negeri Sembilan, 2022<sup>P</sup>

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00597	597	0.00600	100,000	99,444	0.99340 <sup>a</sup>	7,293,291	72.9
1	0.00145	144	0.00036	99,403	397,254	0.99889 <sup>b</sup>	7,193,847	72.4
5	0.00060	59	0.00012	99,259	496,147	0.99928	6,796,592	68.5
10	0.00084	83	0.00017	99,200	495,791	0.99814	6,300,445	63.5
15	0.00288	286	0.00058	99,117	494,869	0.99657	5,804,654	58.6
20	0.00398	393	0.00080	98,831	493,171	0.99542	5,309,785	53.7
25	0.00519	511	0.00104	98,438	490,912	0.99423	4,816,613	48.9
30	0.00635	622	0.00127	97,927	488,080	0.99202	4,325,701	44.2
35	0.00962	937	0.00193	97,305	484,184	0.98632	3,837,621	39.4
40	0.01778	1,713	0.00359	96,368	477,559	0.97687	3,353,438	34.8
45	0.02859	2,706	0.00580	94,655	466,511	0.96542	2,875,879	30.4
50	0.04074	3,746	0.00832	91,949	450,380	0.95051	2,409,368	26.2
55	0.05860	5,169	0.01207	88,203	428,092	0.92955	1,958,988	22.2
60	0.08304	6,895	0.01733	83,034	397,933	0.89448	1,530,896	18.4
65	0.13003	9,900	0.02781	76,139	355,945	0.84708	1,132,962	14.9
70	0.17924	11,873	0.03938	66,239	301,513	0.77545	777,017	11.7
75	0.27974	15,208	0.06505	54,366	233,809	0.50829 <sup>c</sup>	475,504	8.7
80+	1.00000	39,158	0.16201	39,158	241,695	-	241,695	6.2
<b>Lelaki</b> <i>Male</i>								
0	0.00575	575	0.00579	100,000	99,459	0.99354 <sup>a</sup>	7,032,030	70.3
1	0.00164	164	0.00041	99,425	397,312	0.99877 <sup>b</sup>	6,932,571	69.7
5	0.00058	58	0.00012	99,261	496,160	0.99921	6,535,260	65.8
10	0.00100	99	0.00020	99,203	495,767	0.99735	6,039,099	60.9
15	0.00431	427	0.00086	99,104	494,451	0.99477	5,543,332	55.9
20	0.00615	607	0.00123	98,677	491,867	0.99352	5,048,880	51.2
25	0.00682	669	0.00137	98,070	488,679	0.99237	4,557,013	46.5
30	0.00844	823	0.00170	97,401	484,951	0.99005	4,068,334	41.8
35	0.01147	1,107	0.00231	96,579	480,126	0.98301	3,583,383	37.1
40	0.02258	2,155	0.00457	95,472	471,969	0.96932	3,103,257	32.5
45	0.03897	3,636	0.00795	93,316	457,489	0.95361	2,631,288	28.2
50	0.05411	4,853	0.01112	89,680	436,267	0.93400	2,173,798	24.2
55	0.07857	6,664	0.01636	84,827	407,474	0.90929	1,737,531	20.5
60	0.10388	8,120	0.02191	78,163	370,514	0.86833	1,330,057	17.0
65	0.16268	11,395	0.03542	70,043	321,729	0.81682	959,543	13.7
70	0.20766	12,179	0.04634	58,648	262,794	0.74243	637,814	10.9
75	0.32056	14,896	0.07635	46,469	195,106	0.47974 <sup>c</sup>	375,020	8.1
80+	1.00000	31,573	0.17549	31,573	179,914	-	179,914	5.7

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>P</sup> Permulaan  
Preliminary

Jadual 4.5: Jadual hayat ringkas mengikut jantina dan umur, Negeri Sembilan, 2022<sup>P</sup> (samb.)

Table 4.5: Abridged life table by sex and age, Negeri Sembilan, 2022<sup>P</sup> (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00621	621	0.00624	100,000	99,422	0.99325 <sup>a</sup>	7,596,119	76.0
1	0.00127	127	0.00032	99,379	397,202	0.99897 <sup>b</sup>	7,496,697	75.4
5	0.00061	61	0.00012	99,252	496,110	0.99937	7,099,495	71.5
10	0.00065	65	0.00013	99,192	495,797	0.99906	6,603,385	66.6
15	0.00123	122	0.00025	99,127	495,331	0.99852	6,107,588	61.6
20	0.00172	170	0.00034	99,005	494,599	0.99749	5,612,257	56.7
25	0.00330	327	0.00066	98,835	493,357	0.99645	5,117,658	51.8
30	0.00379	374	0.00076	98,508	491,605	0.99438	4,624,301	46.9
35	0.00746	732	0.00150	98,134	488,842	0.99022	4,132,696	42.1
40	0.01212	1,181	0.00244	97,403	484,061	0.98478	3,643,854	37.4
45	0.01835	1,766	0.00370	96,222	476,695	0.97708	3,159,793	32.8
50	0.02758	2,605	0.00559	94,456	465,770	0.96619	2,683,098	28.4
55	0.04022	3,695	0.00821	91,852	450,021	0.94911	2,217,328	24.1
60	0.06201	5,467	0.01280	88,157	427,118	0.92049	1,767,307	20.0
65	0.09818	8,118	0.02065	82,690	393,157	0.87674	1,340,188	16.2
70	0.15108	11,266	0.03268	74,572	344,696	0.80803	947,032	12.7
75	0.24014	15,202	0.05458	63,306	278,525	0.53759 <sup>c</sup>	602,336	9.5
80+	1.00000	48,104	0.14856	48,104	323,811	-	323,811	6.7

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>P</sup> Permulaan  
*Preliminary*

Jadual 4.6: Jadual hayat ringkas mengikut jantina dan umur, Pahang, 2022<sup>P</sup>

Table 4.6: Abridged life table by sex and age, Pahang, 2022<sup>P</sup>

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00652	652	0.00656	100,000	99,394	0.99272 <sup>a</sup>	7,248,252	72.5
1	0.00172	171	0.00043	99,348	396,968	0.99856 <sup>b</sup>	7,148,858	72.0
5	0.00096	96	0.00019	99,177	495,647	0.99875	6,751,890	68.1
10	0.00154	153	0.00031	99,082	495,027	0.99794	6,256,243	63.1
15	0.00257	255	0.00052	98,929	494,009	0.99633	5,761,217	58.2
20	0.00478	471	0.00096	98,674	492,194	0.99473	5,267,208	53.4
25	0.00577	567	0.00116	98,203	489,600	0.99367	4,775,014	48.6
30	0.00689	673	0.00138	97,637	486,500	0.99166	4,285,414	43.9
35	0.00980	950	0.00197	96,963	482,442	0.98842	3,798,914	39.2
40	0.01338	1,285	0.00269	96,013	476,855	0.98123	3,316,472	34.5
45	0.02423	2,295	0.00490	94,729	467,906	0.96811	2,839,617	30.0
50	0.03975	3,674	0.00811	92,434	452,984	0.94880	2,371,711	25.7
55	0.06313	5,603	0.01304	88,760	429,791	0.92437	1,918,727	21.6
60	0.08897	7,399	0.01862	83,156	397,285	0.88619	1,488,936	17.9
65	0.14107	10,687	0.03036	75,758	352,070	0.83305	1,091,651	14.4
70	0.19708	12,824	0.04373	65,070	293,291	0.76056	739,580	11.4
75	0.29219	15,266	0.06844	52,246	223,066	0.50018 <sup>c</sup>	446,289	8.5
80+	1.00000	36,980	0.16567	36,980	223,223	-	223,223	6.0
<b>Lelaki</b> <i>Male</i>								
0	0.00659	659	0.00663	100,000	99,381	0.99255 <sup>a</sup>	7,010,144	70.1
1	0.00200	199	0.00050	99,341	396,892	0.99826 <sup>b</sup>	6,910,762	69.6
5	0.00121	120	0.00024	99,142	495,410	0.99845	6,513,870	65.7
10	0.00189	187	0.00038	99,022	494,643	0.99729	6,018,461	60.8
15	0.00353	349	0.00071	98,835	493,303	0.99489	5,523,818	55.9
20	0.00670	660	0.00134	98,486	490,781	0.99329	5,030,515	51.1
25	0.00672	657	0.00135	97,826	487,489	0.99262	4,539,734	46.4
30	0.00805	782	0.00162	97,169	483,890	0.98995	4,052,245	41.7
35	0.01207	1,164	0.00243	96,387	479,025	0.98606	3,568,355	37.0
40	0.01583	1,507	0.00319	95,223	472,349	0.97645	3,089,329	32.4
45	0.03139	2,942	0.00638	93,716	461,226	0.95949	2,616,980	27.9
50	0.04991	4,531	0.01024	90,774	442,544	0.93512	2,155,754	23.7
55	0.08064	6,955	0.01681	86,243	413,830	0.90604	1,713,210	19.9
60	0.10844	8,598	0.02293	79,289	374,948	0.86083	1,299,379	16.4
65	0.17363	12,274	0.03803	70,690	322,767	0.79804	924,431	13.1
70	0.23623	13,800	0.05357	58,416	257,582	0.71396	601,664	10.3
75	0.35126	15,672	0.08522	44,617	183,903	0.46553 <sup>c</sup>	344,082	7.7
80+	1.00000	28,944	0.18070	28,944	160,179	-	160,179	5.5

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>P</sup> Permulaan  
Preliminary

Jadual 4.6: Jadual hayat ringkas mengikut jantina dan umur, Pahang, 2022<sup>P</sup> (samb.)

Table 4.6: Abridged life table by sex and age, Pahang, 2022<sup>P</sup> (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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00644	644	0.00648	100,000	99,401	0.99294 <sup>a</sup>	7,539,618	75.4
1	0.00143	142	0.00036	99,356	397,071	0.99883 <sup>b</sup>	7,440,217	74.9
5	0.00071	71	0.00014	99,214	495,893	0.99906	7,043,146	71.0
10	0.00116	115	0.00023	99,143	495,428	0.99867	6,547,253	66.0
15	0.00149	148	0.00030	99,028	494,770	0.99798	6,051,825	61.1
20	0.00254	252	0.00051	98,880	493,772	0.99649	5,557,055	56.2
25	0.00448	441	0.00090	98,628	492,039	0.99506	5,063,283	51.3
30	0.00540	530	0.00108	98,187	489,610	0.99379	4,571,244	46.6
35	0.00702	685	0.00141	97,657	486,571	0.99128	4,081,635	41.8
40	0.01043	1,012	0.00210	96,972	482,328	0.98639	3,595,064	37.1
45	0.01682	1,614	0.00339	95,960	475,765	0.97721	3,112,736	32.4
50	0.02886	2,723	0.00586	94,346	464,922	0.96322	2,636,971	28.0
55	0.04493	4,116	0.00919	91,623	447,823	0.94319	2,172,049	23.7
60	0.06924	6,059	0.01435	87,506	422,384	0.91185	1,724,226	19.7
65	0.10846	8,834	0.02294	81,447	385,151	0.86859	1,301,841	16.0
70	0.15716	11,412	0.03411	72,613	334,537	0.80767	916,690	12.6
75	0.23406	14,325	0.05302	61,202	270,196	0.53587 <sup>c</sup>	582,154	9.5
80+	1.00000	46,877	0.15027	46,877	311,957	-	311,957	6.7

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>P</sup> Permulaan  
*Preliminary*

Jadual 4.7: Jadual hayat ringkas mengikut jantina dan umur, Perak, 2022<sup>P</sup>

Table 4.7: Abridged life table by sex and age, Perak, 2022<sup>P</sup>

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00671	671	0.00675	100,000	99,376	0.99276 <sup>a</sup>	7,306,093	73.1
1	0.00126	125	0.00032	99,329	397,004	0.99884 <sup>b</sup>	7,206,717	72.6
5	0.00085	85	0.00017	99,203	495,806	0.99905	6,809,713	68.6
10	0.00105	104	0.00021	99,119	495,334	0.99829	6,313,907	63.7
15	0.00237	235	0.00048	99,015	494,487	0.99691	5,818,573	58.8
20	0.00382	377	0.00077	98,780	492,956	0.99550	5,324,086	53.9
25	0.00519	510	0.00104	98,403	490,737	0.99379	4,831,129	49.1
30	0.00723	708	0.00145	97,892	487,691	0.99103	4,340,392	44.3
35	0.01071	1,041	0.00215	97,184	483,319	0.98652	3,852,701	39.6
40	0.01628	1,565	0.00328	96,143	476,802	0.97844	3,369,383	35.0
45	0.02693	2,547	0.00546	94,578	466,522	0.96522	2,892,581	30.6
50	0.04284	3,943	0.00876	92,031	450,298	0.94873	2,426,058	26.4
55	0.06007	5,292	0.01239	88,088	427,212	0.92999	1,975,760	22.4
60	0.08059	6,672	0.01679	82,796	397,301	0.90015	1,548,548	18.7
65	0.12080	9,196	0.02571	76,124	357,631	0.85439	1,151,247	15.1
70	0.17382	11,633	0.03807	66,928	305,558	0.78028	793,616	11.9
75	0.27528	15,222	0.06384	55,295	238,420	0.51149 <sup>c</sup>	488,058	8.8
80+	1.00000	40,073	0.16052	40,073	249,639	-	249,639	6.2
<b>Lelaki</b> <i>Male</i>								
0	0.00719	719	0.00724	100,000	99,327	0.99219 <sup>a</sup>	7,021,227	70.2
1	0.00151	150	0.00038	99,281	396,770	0.99864 <sup>b</sup>	6,921,900	69.7
5	0.00094	94	0.00019	99,131	495,422	0.99893	6,525,131	65.8
10	0.00119	118	0.00024	99,038	494,894	0.99768	6,029,708	60.9
15	0.00345	341	0.00069	98,920	493,747	0.99563	5,534,814	56.0
20	0.00530	523	0.00106	98,579	491,587	0.99408	5,041,067	51.1
25	0.00654	641	0.00131	98,056	488,677	0.99207	4,549,479	46.4
30	0.00933	909	0.00187	97,415	484,802	0.98841	4,060,802	41.7
35	0.01388	1,339	0.00279	96,506	479,182	0.98301	3,576,001	37.1
40	0.02015	1,918	0.00407	95,167	471,040	0.97113	3,096,819	32.5
45	0.03777	3,522	0.00770	93,249	457,440	0.95278	2,625,779	28.2
50	0.05703	5,117	0.01174	89,727	435,842	0.93108	2,168,339	24.2
55	0.08152	6,898	0.01700	84,610	405,805	0.90747	1,732,497	20.5
60	0.10451	8,122	0.02206	77,712	368,255	0.87220	1,326,692	17.1
65	0.15381	10,704	0.03333	69,590	321,191	0.81970	958,437	13.8
70	0.21161	12,461	0.04733	58,886	263,279	0.73976	637,245	10.8
75	0.32191	14,945	0.07673	46,425	194,764	0.47919 <sup>c</sup>	373,966	8.1
80+	1.00000	31,480	0.17567	31,480	179,202	-	179,202	5.7

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>P</sup> Permulaan  
Preliminary

Jadual 4.7: Jadual hayat ringkas mengikut jantina dan umur, Perak, 2022<sup>P</sup> (samb.)

Table 4.7: Abridged life table by sex and age, Perak, 2022<sup>P</sup> (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00620	620	0.00624	100,000	99,422	0.99339 <sup>a</sup>	7,632,413	76.3
1	0.00100	100	0.00025	99,380	397,272	0.99903 <sup>b</sup>	7,532,990	75.8
5	0.00075	75	0.00015	99,280	496,215	0.99917	7,135,718	71.9
10	0.00090	89	0.00018	99,205	495,805	0.99896	6,639,503	66.9
15	0.00118	117	0.00024	99,116	495,289	0.99836	6,143,699	62.0
20	0.00211	208	0.00042	98,999	494,476	0.99724	5,648,409	57.1
25	0.00342	337	0.00068	98,791	493,111	0.99603	5,153,934	52.2
30	0.00452	445	0.00091	98,453	491,155	0.99428	4,660,823	47.3
35	0.00693	680	0.00139	98,009	488,345	0.99076	4,169,668	42.5
40	0.01156	1,125	0.00233	97,329	483,833	0.98590	3,681,323	37.8
45	0.01667	1,603	0.00336	96,204	477,011	0.97724	3,197,490	33.2
50	0.02896	2,740	0.00588	94,600	466,153	0.96543	2,720,479	28.8
55	0.04034	3,706	0.00823	91,861	450,040	0.95124	2,254,326	24.5
60	0.05754	5,072	0.01185	88,155	428,096	0.92669	1,804,285	20.5
65	0.09004	7,481	0.01886	83,083	396,714	0.88653	1,376,189	16.6
70	0.13921	10,525	0.02993	75,602	351,699	0.81663	979,475	13.0
75	0.23467	15,271	0.05317	65,077	287,209	0.54250 <sup>c</sup>	627,776	9.6
80+	1.00000	49,806	0.14624	49,806	340,567	-	340,567	6.8

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>P</sup> Permulaan  
*Preliminary*

Jadual 4.8: Jadual hayat ringkas mengikut jantina dan umur, Perlis, 2022<sup>P</sup>

Table 4.8: Abridged life table by sex and age, Perlis, 2022<sup>P</sup>

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00863	863	0.00870	100,000	99,203	0.99036 <sup>a</sup>	7,193,495	71.9
1	0.00231	229	0.00058	99,137	395,978	0.99840 <sup>b</sup>	7,094,292	71.6
5	0.00061	60	0.00012	98,908	494,390	0.99912	6,698,314	67.7
10	0.00115	113	0.00023	98,848	493,956	0.99794	6,203,924	62.8
15	0.00298	294	0.00060	98,735	492,938	0.99679	5,709,969	57.8
20	0.00344	338	0.00069	98,441	491,358	0.99540	5,217,031	53.0
25	0.00576	565	0.00116	98,102	489,099	0.99222	4,725,673	48.2
30	0.00981	957	0.00197	97,537	485,293	0.98806	4,236,575	43.4
35	0.01408	1,360	0.00284	96,580	479,500	0.98554	3,751,282	38.8
40	0.01484	1,413	0.00299	95,220	472,568	0.98082	3,271,782	34.4
45	0.02358	2,212	0.00477	93,807	463,505	0.96710	2,799,213	29.8
50	0.04244	3,888	0.00867	91,595	448,255	0.94494	2,335,708	25.5
55	0.06823	5,984	0.01413	87,707	423,576	0.91894	1,887,453	21.5
60	0.09482	7,749	0.01991	81,723	389,243	0.88702	1,463,877	17.9
65	0.13304	9,842	0.02851	73,974	345,265	0.83446	1,074,635	14.5
70	0.20303	13,020	0.04519	64,132	288,109	0.76264	729,370	11.4
75	0.28044	14,334	0.06523	51,112	219,724	0.50205 <sup>c</sup>	441,261	8.6
80+	1.00000	36,778	0.16601	36,778	221,537	-	221,537	6.0
<b>Lelaki</b> <i>Male</i>								
0	0.00833	833	0.00840	100,000	99,222	0.99076 <sup>a</sup>	6,887,941	68.9
1	0.00216	214	0.00054	99,167	396,160	0.99833 <sup>b</sup>	6,788,719	68.5
5	0.00084	83	0.00017	98,953	494,557	0.99882	6,392,559	64.6
10	0.00152	150	0.00030	98,870	493,974	0.99697	5,898,002	59.7
15	0.00454	448	0.00091	98,720	492,478	0.99504	5,404,027	54.7
20	0.00539	529	0.00108	98,272	490,034	0.99343	4,911,549	50.0
25	0.00777	759	0.00156	97,742	486,813	0.99027	4,421,514	45.2
30	0.01170	1,135	0.00235	96,983	482,078	0.98463	3,934,701	40.6
35	0.01907	1,828	0.00385	95,848	474,670	0.98129	3,452,624	36.0
40	0.01834	1,724	0.00370	94,020	465,789	0.97112	2,977,954	31.7
45	0.03962	3,657	0.00808	92,296	452,337	0.95292	2,512,164	27.2
50	0.05484	4,861	0.01128	88,639	431,042	0.92537	2,059,827	23.2
55	0.09557	8,007	0.02007	83,778	398,871	0.89332	1,628,786	19.4
60	0.11897	9,014	0.02530	75,771	356,318	0.85575	1,229,914	16.2
65	0.17295	11,545	0.03786	66,756	304,918	0.79390	873,597	13.1
70	0.24618	13,592	0.05615	55,211	242,075	0.71819	568,679	10.3
75	0.32908	13,696	0.07878	41,619	173,857	0.46768 <sup>c</sup>	326,603	7.8
80+	1.00000	27,923	0.18281	27,923	152,747	-	152,747	5.5

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>P</sup> Permulaan  
Preliminary

Jadual 4.8: Jadual hayat ringkas mengikut jantina dan umur, Perlis, 2022<sup>P</sup> (samb.)

Table 4.8: Abridged life table by sex and age, Perlis, 2022<sup>P</sup> (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> Female								
0	0.00897	897	0.00904	100,000	99,172	0.98995 <sup>a</sup>	7,512,452	75.1
1	0.00247	245	0.00062	99,103	395,802	0.99844 <sup>b</sup>	7,413,280	74.8
5	0.00036	36	0.00007	98,858	494,201	0.99945	7,017,477	71.0
10	0.00074	73	0.00015	98,822	493,929	0.99902	6,523,276	66.0
15	0.00122	121	0.00024	98,749	493,446	0.99863	6,029,347	61.1
20	0.00151	149	0.00030	98,629	492,771	0.99746	5,535,901	56.1
25	0.00357	351	0.00071	98,480	491,519	0.99437	5,043,130	51.2
30	0.00771	756	0.00155	98,128	488,750	0.99160	4,551,611	46.4
35	0.00910	886	0.00183	97,372	484,644	0.99019	4,062,861	41.7
40	0.01053	1,016	0.00212	96,486	479,889	0.98792	3,578,217	37.1
45	0.01365	1,303	0.00275	95,470	474,092	0.97756	3,098,328	32.5
50	0.03135	2,953	0.00637	94,167	463,452	0.96270	2,624,237	27.9
55	0.04344	3,962	0.00888	91,214	446,165	0.94265	2,160,784	23.7
60	0.07190	6,273	0.01492	87,252	420,576	0.91449	1,714,619	19.7
65	0.10017	8,111	0.02109	80,978	384,614	0.86894	1,294,043	16.0
70	0.16540	12,052	0.03606	72,867	334,205	0.80188	909,429	12.5
75	0.23732	14,432	0.05385	60,815	267,993	0.53411 <sup>c</sup>	575,225	9.5
80+	1.00000	46,382	0.15097	46,382	307,232	-	307,232	6.6

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>P</sup> Permulaan  
*Preliminary*

Jadual 4.9: Jadual hayat ringkas mengikut jantina dan umur, Pulau Pinang, 2022<sup>P</sup>

Table 4.9: Abridged life table by sex and age, Pulau Pinang, 2022<sup>P</sup>

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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00561	561	0.00564	100,000	99,476	0.99407 <sup>a</sup>	7,351,685	73.5
1	0.00080	79	0.00020	99,439	397,557	0.99923 <sup>b</sup>	7,252,209	72.9
5	0.00058	58	0.00012	99,359	496,652	0.99920	6,854,651	69.0
10	0.00101	100	0.00020	99,302	496,257	0.99812	6,357,999	64.0
15	0.00275	272	0.00055	99,201	495,325	0.99718	5,861,742	59.1
20	0.00290	287	0.00058	98,929	493,927	0.99686	5,366,417	54.2
25	0.00337	333	0.00068	98,642	492,378	0.99580	4,872,490	49.4
30	0.00503	495	0.00101	98,309	490,308	0.99342	4,380,112	44.6
35	0.00814	796	0.00163	97,814	487,081	0.98913	3,889,804	39.8
40	0.01363	1,323	0.00275	97,018	481,784	0.98260	3,402,723	35.1
45	0.02121	2,030	0.00429	95,696	473,404	0.97324	2,920,939	30.5
50	0.03244	3,038	0.00659	93,666	460,734	0.95971	2,447,536	26.1
55	0.04841	4,387	0.00992	90,628	442,170	0.93842	1,986,802	21.9
60	0.07541	6,503	0.01567	86,240	414,943	0.90701	1,544,632	17.9
65	0.11201	8,931	0.02373	79,737	376,356	0.84190	1,129,689	14.2
70	0.21001	14,870	0.04693	70,806	316,853	0.71913	753,333	10.6
75	0.37057	20,728	0.09097	55,936	227,858	0.47796 <sup>c</sup>	436,479	7.8
80+	1.00000	35,208	0.16876	35,208	208,621	-	208,621	5.9
<b>Lelaki</b> <i>Male</i>								
0	0.00611	611	0.00614	100,000	99,426	0.99361 <sup>a</sup>	7,109,394	71.1
1	0.00075	74	0.00019	99,389	397,381	0.99926 <sup>b</sup>	7,009,968	70.5
5	0.00055	55	0.00011	99,315	496,437	0.99923	6,612,588	66.6
10	0.00099	99	0.00020	99,260	496,053	0.99742	6,116,151	61.6
15	0.00417	413	0.00084	99,161	494,773	0.99596	5,620,098	56.7
20	0.00392	387	0.00078	98,748	492,773	0.99577	5,125,325	51.9
25	0.00454	446	0.00091	98,361	490,690	0.99439	4,632,552	47.1
30	0.00669	655	0.00134	97,915	487,938	0.99118	4,141,862	42.3
35	0.01096	1,066	0.00220	97,260	483,636	0.98540	3,653,924	37.6
40	0.01829	1,759	0.00369	96,194	476,573	0.97682	3,170,288	33.0
45	0.02817	2,660	0.00571	94,435	465,525	0.96451	2,693,715	28.5
50	0.04302	3,949	0.00879	91,775	449,004	0.94607	2,228,190	24.3
55	0.06533	5,737	0.01351	87,826	424,789	0.92050	1,779,186	20.3
60	0.09466	7,770	0.01987	82,089	391,020	0.88597	1,354,397	16.5
65	0.13542	10,064	0.02905	74,319	346,433	0.81266	963,378	13.0
70	0.24739	15,896	0.05646	64,254	281,532	0.66999	616,944	9.6
75	0.43978	21,267	0.11275	48,358	188,625	0.43763 <sup>c</sup>	335,412	6.9
80+	1.00000	27,092	0.18456	27,092	146,788	-	146,788	5.4

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>P</sup> Permulaan  
Preliminary

Jadual 4.9: Jadual hayat ringkas mengikut jantina dan umur, Pulau Pinang, 2022<sup>P</sup> (samb.)

Table 4.9: Abridged life table by sex and age, Pulau Pinang, 2022<sup>P</sup> (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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00510	510	0.00512	100,000	99,524	0.99455 <sup>a</sup>	7,628,781	76.3
1	0.00085	85	0.00021	99,490	397,751	0.99920 <sup>b</sup>	7,529,257	75.7
5	0.00061	61	0.00012	99,406	496,876	0.99918	7,131,506	71.7
10	0.00103	103	0.00021	99,345	496,467	0.99888	6,634,630	66.8
15	0.00121	120	0.00024	99,242	495,910	0.99848	6,138,163	61.9
20	0.00182	180	0.00036	99,122	495,158	0.99808	5,642,253	56.9
25	0.00203	201	0.00041	98,942	494,205	0.99730	5,147,095	52.0
30	0.00338	334	0.00068	98,741	492,869	0.99569	4,652,890	47.1
35	0.00524	516	0.00105	98,407	490,745	0.99306	4,160,021	42.3
40	0.00864	846	0.00174	97,891	487,340	0.98874	3,669,277	37.5
45	0.01390	1,349	0.00280	97,045	481,851	0.98229	3,181,937	32.8
50	0.02157	2,064	0.00436	95,696	473,318	0.97352	2,700,085	28.2
55	0.03149	2,949	0.00640	93,632	460,786	0.95651	2,226,768	23.8
60	0.05589	5,068	0.01150	90,683	440,745	0.92780	1,765,982	19.5
65	0.08948	7,661	0.01873	85,615	408,923	0.87021	1,325,237	15.5
70	0.17407	13,569	0.03813	77,954	355,847	0.76421	916,314	11.8
75	0.31052	19,993	0.07352	64,385	271,942	0.51479 <sup>c</sup>	560,467	8.7
80+	1.00000	44,392	0.15386	44,392	288,525	-	288,525	6.5

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>P</sup> Permulaan  
*Preliminary*

Jadual 4.10: Jadual hayat ringkas mengikut jantina dan umur, Sabah, 2022<sup>P</sup>

Table 4.10: Abridged life table by sex and age, Sabah, 2022<sup>P</sup>

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00927	927	0.00935	100,000	99,145	0.98992 <sup>a</sup>	7,306,903	73.1
1	0.00193	191	0.00048	99,073	395,815	0.99835 <sup>b</sup>	7,207,758	72.8
5	0.00107	105	0.00021	98,882	494,144	0.99893	6,811,943	68.9
10	0.00108	107	0.00022	98,776	493,614	0.99870	6,317,799	64.0
15	0.00151	149	0.00030	98,669	492,974	0.99798	5,824,185	59.0
20	0.00254	250	0.00051	98,520	491,977	0.99695	5,331,210	54.1
25	0.00355	349	0.00071	98,270	490,479	0.99562	4,839,234	49.2
30	0.00522	511	0.00105	97,921	488,328	0.99328	4,348,755	44.4
35	0.00823	802	0.00165	97,410	485,045	0.98847	3,860,427	39.6
40	0.01485	1,435	0.00299	96,608	479,453	0.97937	3,375,382	34.9
45	0.02650	2,522	0.00537	95,173	469,561	0.96527	2,895,929	30.4
50	0.04318	4,000	0.00883	92,651	453,255	0.94481	2,426,368	26.2
55	0.06774	6,005	0.01402	88,651	428,241	0.91478	1,973,113	22.3
60	0.10397	8,593	0.02193	82,645	391,745	0.89690	1,544,872	18.7
65	0.10212	7,562	0.02152	74,053	351,357	0.86893	1,153,127	15.6
70	0.16331	10,859	0.03557	66,490	305,305	0.78918	801,770	12.1
75	0.26761	14,888	0.06179	55,632	240,939	0.51469 <sup>c</sup>	496,466	8.9
80+	1.00000	40,744	0.15945	40,744	255,526	-	255,526	6.3
<b>Lelaki</b> <i>Male</i>								
0	0.00996	996	0.01005	100,000	99,075	0.98934 <sup>a</sup>	7,134,739	71.3
1	0.00180	178	0.00045	99,004	395,593	0.99835 <sup>b</sup>	7,035,664	71.1
5	0.00113	112	0.00023	98,826	493,850	0.99885	6,640,071	67.2
10	0.00117	116	0.00024	98,714	493,281	0.99851	6,146,221	62.3
15	0.00181	179	0.00036	98,598	492,544	0.99747	5,652,940	57.3
20	0.00325	319	0.00065	98,420	491,299	0.99612	5,160,395	52.4
25	0.00452	443	0.00091	98,100	489,392	0.99444	4,669,096	47.6
30	0.00661	645	0.00133	97,657	486,670	0.99180	4,179,705	42.8
35	0.00979	950	0.00197	97,011	482,682	0.98629	3,693,034	38.1
40	0.01767	1,697	0.00357	96,061	476,063	0.97555	3,210,352	33.4
45	0.03135	2,959	0.00637	94,364	464,423	0.95928	2,734,289	29.0
50	0.05039	4,606	0.01034	91,405	445,512	0.93519	2,269,866	24.8
55	0.08000	6,944	0.01667	86,799	416,637	0.90049	1,824,354	21.0
60	0.12071	9,639	0.02569	79,855	375,179	0.87936	1,407,717	17.6
65	0.12055	8,465	0.02566	70,216	329,919	0.84848	1,032,538	14.7
70	0.18673	11,531	0.04119	61,751	279,930	0.76336	702,618	11.4
75	0.29801	14,966	0.07004	50,221	213,687	0.49446 <sup>c</sup>	422,688	8.4
80+	1.00000	35,254	0.16868	35,254	209,001	-	209,001	5.9

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>P</sup> Permulaan  
Preliminary

Jadual 4.10: Jadual hayat ringkas mengikut jantina dan umur, Sabah, 2022<sup>P</sup> (samb.)

Table 4.10: Abridged life table by sex and age, Sabah, 2022<sup>P</sup> (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> Female								
0	0.00854	854	0.00860	100,000	99,211	0.99057 <sup>a</sup>	7,513,460	75.1
1	0.00207	205	0.00052	99,146	396,074	0.99833 <sup>b</sup>	7,414,249	74.8
5	0.00099	98	0.00020	98,941	494,459	0.99901	7,018,175	70.9
10	0.00099	98	0.00020	98,843	493,969	0.99893	6,523,716	66.0
15	0.00116	114	0.00023	98,745	493,439	0.99855	6,029,747	61.1
20	0.00175	172	0.00035	98,631	492,722	0.99788	5,536,309	56.1
25	0.00249	245	0.00050	98,458	491,679	0.99689	5,043,587	51.2
30	0.00373	366	0.00075	98,213	490,151	0.99486	4,551,908	46.3
35	0.00655	641	0.00131	97,847	487,633	0.99086	4,061,758	41.5
40	0.01176	1,143	0.00237	97,206	483,174	0.98352	3,574,125	36.8
45	0.02127	2,043	0.00430	96,063	475,210	0.97183	3,090,950	32.2
50	0.03523	3,312	0.00717	94,021	461,823	0.95536	2,615,740	27.8
55	0.05440	4,935	0.01118	90,709	441,205	0.93093	2,153,918	23.7
60	0.08458	7,255	0.01766	85,774	410,732	0.91666	1,712,712	20.0
65	0.08198	6,437	0.01710	78,519	376,503	0.89094	1,301,980	16.6
70	0.13855	9,987	0.02977	72,082	335,443	0.81562	925,477	12.8
75	0.23757	14,752	0.05392	62,095	273,596	0.53631 <sup>c</sup>	590,034	9.5
80+	1.00000	47,343	0.14961	47,343	316,439	-	316,439	6.7

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>P</sup> Permulaan  
*Preliminary*

Jadual 4.11: Jadual hayat ringkas mengikut jantina dan umur, Sarawak, 2022<sup>P</sup>

Table 4.11: Abridged life table by sex and age, Sarawak, 2022<sup>P</sup>

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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00578	578	0.00581	100,000	99,461	0.99344 <sup>a</sup>	7,424,033	74.2
1	0.00174	173	0.00043	99,422	397,260	0.99857 <sup>b</sup>	7,324,571	73.7
5	0.00095	94	0.00019	99,250	496,013	0.99891	6,927,311	69.8
10	0.00122	121	0.00025	99,155	495,474	0.99802	6,431,298	64.9
15	0.00274	272	0.00055	99,034	494,491	0.99647	5,935,824	59.9
20	0.00431	426	0.00086	98,762	492,748	0.99516	5,441,334	55.1
25	0.00538	529	0.00108	98,337	490,361	0.99360	4,948,586	50.3
30	0.00743	726	0.00149	97,808	487,223	0.99101	4,458,225	45.6
35	0.01056	1,025	0.00212	97,081	482,845	0.98674	3,971,002	40.9
40	0.01599	1,536	0.00322	96,057	476,442	0.97959	3,488,157	36.3
45	0.02490	2,354	0.00504	94,520	466,717	0.97055	3,011,715	31.9
50	0.03411	3,144	0.00694	92,167	452,973	0.96014	2,544,998	27.6
55	0.04581	4,078	0.00938	89,023	434,918	0.94600	2,092,024	23.5
60	0.06257	5,315	0.01292	84,944	411,434	0.91930	1,657,107	19.5
65	0.10005	7,967	0.02106	79,629	378,229	0.87416	1,245,673	15.6
70	0.15450	11,072	0.03349	71,662	330,633	0.78464	867,444	12.1
75	0.28734	17,410	0.06711	60,591	259,428	0.51672 <sup>c</sup>	536,811	8.9
80+	1.00000	43,181	0.15567	43,181	277,382	-	277,382	6.4
<b>Lelaki</b> <i>Male</i>								
0	0.00633	633	0.00637	100,000	99,405	0.99284 <sup>a</sup>	7,184,423	71.8
1	0.00192	191	0.00048	99,367	397,016	0.99836 <sup>b</sup>	7,085,018	71.3
5	0.00110	109	0.00022	99,176	495,606	0.99875	6,688,002	67.4
10	0.00139	138	0.00028	99,066	494,987	0.99741	6,192,396	62.5
15	0.00378	374	0.00076	98,928	493,707	0.99507	5,697,409	57.6
20	0.00608	599	0.00122	98,554	491,273	0.99329	5,203,702	52.8
25	0.00734	719	0.00147	97,955	487,977	0.99146	4,712,430	48.1
30	0.00974	947	0.00196	97,236	483,810	0.98823	4,224,453	43.4
35	0.01381	1,330	0.00278	96,288	478,117	0.98237	3,740,643	38.8
40	0.02150	2,042	0.00435	94,958	469,688	0.97296	3,262,526	34.4
45	0.03270	3,039	0.00665	92,917	456,987	0.96137	2,792,838	30.1
50	0.04475	4,022	0.00915	89,878	439,336	0.94883	2,335,851	26.0
55	0.05789	4,970	0.01192	85,856	416,855	0.93251	1,896,515	22.1
60	0.07768	6,283	0.01616	80,886	388,721	0.90203	1,479,659	18.3
65	0.11997	8,950	0.02552	74,602	350,637	0.85235	1,090,939	14.6
70	0.17911	11,759	0.03935	65,652	298,865	0.75321	740,301	11.3
75	0.32924	17,744	0.07882	53,893	225,107	0.49006 <sup>c</sup>	441,437	8.2
80+	1.00000	36,149	0.16710	36,149	216,330	-	216,330	6.0

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>P</sup> Permulaan  
*Preliminary*

Jadual 4.11: Jadual hayat ringkas mengikut jantina dan umur, Sarawak, 2022<sup>P</sup> (samb.)

Table 4.11: Abridged life table by sex and age, Sarawak, 2022<sup>P</sup> (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> Female								
0	0.00519	519	0.00521	100,000	99,515	0.99412 <sup>a</sup>	7,702,198	77.0
1	0.00154	153	0.00039	99,481	397,543	0.99877 <sup>b</sup>	7,602,683	76.4
5	0.00078	78	0.00016	99,328	496,444	0.99909	7,205,140	72.5
10	0.00104	103	0.00021	99,250	495,992	0.99867	6,708,696	67.6
15	0.00161	160	0.00032	99,147	495,334	0.99801	6,212,704	62.7
20	0.00237	235	0.00048	98,987	494,346	0.99723	5,717,370	57.8
25	0.00317	313	0.00064	98,752	492,975	0.99602	5,223,024	52.9
30	0.00479	472	0.00096	98,438	491,012	0.99417	4,730,049	48.1
35	0.00687	673	0.00138	97,967	488,149	0.99154	4,239,037	43.3
40	0.01006	979	0.00202	97,293	484,018	0.98660	3,750,888	38.6
45	0.01678	1,616	0.00338	96,314	477,530	0.98003	3,266,870	33.9
50	0.02323	2,199	0.00470	94,698	467,991	0.97178	2,789,341	29.5
55	0.03334	3,084	0.00678	92,498	454,783	0.95990	2,321,350	25.1
60	0.04710	4,212	0.00965	89,415	436,544	0.93705	1,866,567	20.9
65	0.07957	6,780	0.01657	85,203	409,065	0.89625	1,430,022	16.8
70	0.13001	10,196	0.02781	78,423	366,625	0.81502	1,020,957	13.0
75	0.24816	16,931	0.05666	68,227	298,806	0.54334 <sup>c</sup>	654,333	9.6
80+	1.00000	51,295	0.14428	51,295	355,527	-	355,527	6.9

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>P</sup> Permulaan  
*Preliminary*

Jadual 4.12: Jadual hayat ringkas mengikut jantina dan umur, Selangor, 2022<sup>P</sup>

Table 4.12: Abridged life table by sex and age, Selangor, 2022<sup>P</sup>

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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00488	488	0.00490	100,000	99,544	0.99471 <sup>a</sup>	7,635,323	76.4
1	0.00096	95	0.00024	99,512	397,814	0.99917 <sup>b</sup>	7,535,779	75.7
5	0.00058	58	0.00012	99,417	496,942	0.99936	7,137,965	71.8
10	0.00069	69	0.00014	99,360	496,626	0.99866	6,641,023	66.8
15	0.00200	198	0.00040	99,291	495,959	0.99758	6,144,396	61.9
20	0.00284	282	0.00057	99,092	494,758	0.99671	5,648,438	57.0
25	0.00375	370	0.00075	98,811	493,129	0.99594	5,153,679	52.2
30	0.00437	430	0.00088	98,441	491,128	0.99437	4,660,551	47.3
35	0.00690	677	0.00139	98,011	488,362	0.99058	4,169,423	42.5
40	0.01195	1,163	0.00240	97,334	483,763	0.98379	3,681,061	37.8
45	0.02052	1,974	0.00415	96,171	475,920	0.97404	3,197,298	33.2
50	0.03152	2,969	0.00640	94,197	463,564	0.96081	2,721,378	28.9
55	0.04711	4,297	0.00965	91,228	445,399	0.94168	2,257,814	24.7
60	0.07008	6,092	0.01452	86,931	419,425	0.91998	1,812,416	20.8
65	0.09070	7,332	0.01900	80,839	385,864	0.89476	1,392,991	17.2
70	0.12122	8,910	0.02581	73,507	345,257	0.84863	1,007,127	13.7
75	0.18569	11,995	0.04094	64,596	292,995	0.55732 <sup>c</sup>	661,870	10.2
80+	1.00000	52,602	0.14260	52,602	368,875	-	368,875	7.0
<b>Lelaki</b> <i>Male</i>								
0	0.00527	527	0.00530	100,000	99,503	0.99430 <sup>a</sup>	7,436,588	74.4
1	0.00105	104	0.00026	99,473	397,646	0.99904 <sup>b</sup>	7,337,084	73.8
5	0.00070	69	0.00014	99,369	496,670	0.99929	6,939,438	69.8
10	0.00073	73	0.00015	99,299	496,315	0.99828	6,442,768	64.9
15	0.00271	268	0.00054	99,227	495,463	0.99670	5,946,453	59.9
20	0.00389	385	0.00078	98,958	493,828	0.99575	5,450,990	55.1
25	0.00461	454	0.00092	98,573	491,729	0.99487	4,957,162	50.3
30	0.00566	555	0.00114	98,119	489,205	0.99274	4,465,433	45.5
35	0.00886	864	0.00178	97,563	485,655	0.98809	3,976,228	40.8
40	0.01498	1,449	0.00302	96,699	479,872	0.97990	3,490,573	36.1
45	0.02529	2,409	0.00512	95,250	470,229	0.96744	3,010,701	31.6
50	0.04003	3,716	0.00817	92,841	454,917	0.95120	2,540,472	27.4
55	0.05793	5,163	0.01193	89,125	432,718	0.92899	2,085,555	23.4
60	0.08488	7,127	0.01773	83,962	401,993	0.90416	1,652,837	19.7
65	0.10781	8,284	0.02279	76,835	363,466	0.87606	1,250,844	16.3
70	0.14203	9,736	0.03058	68,551	318,417	0.82512	887,378	12.9
75	0.21318	12,538	0.04772	58,815	262,731	0.53823 <sup>c</sup>	568,961	9.7
80+	1.00000	46,277	0.15112	46,277	306,230	-	306,230	6.6

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>P</sup> Permulaan  
Preliminary

Jadual 4.12: Jadual hayat ringkas mengikut jantina dan umur, Selangor, 2022<sup>P</sup> (samb.)

Table 4.12: Abridged life table by sex and age, Selangor, 2022<sup>P</sup> (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> Female								
0	0.00445	445	0.00447	100,000	99,583	0.99518 <sup>a</sup>	7,872,347	78.7
1	0.00086	85	0.00021	99,555	398,007	0.99928 <sup>b</sup>	7,772,764	78.1
5	0.00046	45	0.00009	99,469	497,233	0.99945	7,374,758	74.1
10	0.00065	65	0.00013	99,424	496,958	0.99906	6,877,525	69.2
15	0.00123	122	0.00025	99,359	496,491	0.99865	6,380,567	64.2
20	0.00147	146	0.00029	99,237	495,821	0.99797	5,884,076	59.3
25	0.00260	258	0.00052	99,091	494,812	0.99725	5,388,255	54.4
30	0.00291	288	0.00058	98,834	493,450	0.99615	4,893,442	49.5
35	0.00479	472	0.00096	98,546	491,550	0.99336	4,399,993	44.6
40	0.00850	833	0.00171	98,074	488,286	0.98827	3,908,443	39.9
45	0.01500	1,458	0.00302	97,240	482,556	0.98148	3,420,157	35.2
50	0.02208	2,115	0.00447	95,782	473,622	0.97152	2,937,601	30.7
55	0.03503	3,281	0.00713	93,667	460,131	0.95586	2,463,979	26.3
60	0.05359	4,844	0.01101	90,386	439,820	0.93739	2,003,848	22.2
65	0.07215	6,172	0.01497	85,542	412,281	0.91399	1,564,028	18.3
70	0.10094	8,012	0.02126	79,370	376,822	0.87054	1,151,747	14.5
75	0.16119	11,502	0.03506	71,359	328,037	0.57669 <sup>c</sup>	774,925	10.9
80+	1.00000	59,856	0.13394	59,856	446,888	-	446,888	7.5

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>P</sup> Permulaan  
*Preliminary*

Jadual 4.13: Jadual hayat ringkas mengikut jantina dan umur, Terengganu, 2022<sup>P</sup>

Table 4.13: Abridged life table by sex and age, Terengganu, 2022<sup>P</sup>

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00623	623	0.00627	100,000	99,420	0.99299 <sup>a</sup>	7,101,666	71.0
1	0.00175	174	0.00044	99,377	397,074	0.99853 <sup>b</sup>	7,002,246	70.5
5	0.00101	100	0.00020	99,203	495,764	0.99864	6,605,172	66.6
10	0.00172	170	0.00034	99,103	495,089	0.99773	6,109,408	61.6
15	0.00283	280	0.00057	98,933	493,964	0.99644	5,614,319	56.7
20	0.00429	423	0.00086	98,653	492,206	0.99524	5,120,355	51.9
25	0.00523	514	0.00105	98,230	489,863	0.99344	4,628,149	47.1
30	0.00789	771	0.00158	97,716	486,651	0.98956	4,138,286	42.4
35	0.01301	1,261	0.00262	96,945	481,571	0.98376	3,651,634	37.7
40	0.01952	1,867	0.00394	95,684	473,750	0.97541	3,170,063	33.1
45	0.02976	2,792	0.00604	93,816	462,102	0.96294	2,696,313	28.7
50	0.04459	4,059	0.00912	91,024	444,974	0.94481	2,234,212	24.5
55	0.06628	5,764	0.01371	86,965	420,417	0.91615	1,789,237	20.6
60	0.10267	8,337	0.02165	81,202	385,165	0.87475	1,368,820	16.9
65	0.15040	10,959	0.03253	72,864	336,924	0.81912	983,655	13.5
70	0.21675	13,418	0.04862	61,905	275,981	0.71689	646,731	10.4
75	0.36783	17,835	0.09014	48,487	197,848	0.46636 <sup>c</sup>	370,751	7.6
80+	1.00000	30,652	0.17728	30,652	172,902	-	172,902	5.6
<b>Lelaki</b> <i>Male</i>								
0	0.00664	664	0.00668	100,000	99,377	0.99250 <sup>a</sup>	6,880,991	68.8
1	0.00200	199	0.00050	99,336	396,874	0.99830 <sup>b</sup>	6,781,613	68.3
5	0.00112	111	0.00022	99,137	495,410	0.99856	6,384,739	64.4
10	0.00177	175	0.00035	99,027	494,696	0.99709	5,889,329	59.5
15	0.00406	402	0.00081	98,852	493,254	0.99495	5,394,633	54.6
20	0.00605	595	0.00121	98,450	490,762	0.99378	4,901,379	49.8
25	0.00640	626	0.00128	97,855	487,707	0.99248	4,410,617	45.1
30	0.00864	840	0.00174	97,228	484,042	0.98746	3,922,910	40.3
35	0.01647	1,587	0.00332	96,388	477,973	0.97881	3,438,868	35.7
40	0.02600	2,465	0.00527	94,801	467,843	0.96834	2,960,895	31.2
45	0.03748	3,460	0.00764	92,336	453,031	0.95357	2,493,052	27.0
50	0.05572	4,952	0.01146	88,876	431,999	0.93095	2,040,021	23.0
55	0.08317	6,980	0.01736	83,924	402,167	0.89988	1,608,022	19.2
60	0.11860	9,126	0.02522	76,943	361,902	0.85448	1,205,855	15.7
65	0.17605	11,940	0.03861	67,817	309,238	0.78804	843,954	12.4
70	0.25555	14,279	0.05860	55,878	243,691	0.67478	534,715	9.6
75	0.41882	17,422	0.10595	41,599	164,437	0.43497 <sup>c</sup>	291,024	7.0
80+	1.00000	24,176	0.19098	24,176	126,587	-	126,587	5.2

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>P</sup> Permulaan  
Preliminary

Jadual 4.13: Jadual hayat ringkas mengikut jantina dan umur, Terengganu, 2022 <sup>P</sup> (samb.)

Table 4.13: Abridged life table by sex and age, Terengganu, 2022 <sup>P</sup> (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> Female								
0	0.00580	580	0.00583	100,000	99,459	0.99354 <sup>a</sup>	7,349,326	73.5
1	0.00149	148	0.00037	99,420	397,311	0.99873 <sup>b</sup>	7,249,868	72.9
5	0.00089	89	0.00018	99,272	496,137	0.99872	6,852,556	69.0
10	0.00166	165	0.00033	99,183	495,503	0.99843	6,356,419	64.1
15	0.00149	147	0.00030	99,018	494,724	0.99804	5,860,916	59.2
20	0.00244	241	0.00049	98,871	493,754	0.99683	5,366,192	54.3
25	0.00390	385	0.00078	98,630	492,189	0.99454	4,872,438	49.4
30	0.00703	691	0.00141	98,245	489,500	0.99193	4,380,249	44.6
35	0.00911	889	0.00183	97,555	485,551	0.98939	3,890,749	39.9
40	0.01213	1,172	0.00244	96,666	480,398	0.98297	3,405,198	35.2
45	0.02200	2,101	0.00445	95,494	472,216	0.97215	2,924,800	30.6
50	0.03383	3,160	0.00688	93,393	459,065	0.95802	2,452,584	26.3
55	0.05042	4,549	0.01034	90,233	439,792	0.93158	1,993,520	22.1
60	0.08737	7,486	0.01827	85,684	409,703	0.89420	1,553,727	18.1
65	0.12599	9,852	0.02689	78,197	366,356	0.84889	1,144,024	14.6
70	0.17984	12,291	0.03952	68,345	310,997	0.75587	777,668	11.4
75	0.32251	18,078	0.07690	56,054	235,074	0.49627 <sup>c</sup>	466,671	8.3
80+	1.00000	37,976	0.16397	37,976	231,596	-	231,596	6.1

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>P</sup> Permulaan  
*Preliminary*

Jadual 4.14: Jadual hayat ringkas mengikut jantina dan umur, W.P. Kuala Lumpur, 2022 <sup>P</sup>

Table 4.14: Abridged life table by sex and age, W.P. Kuala Lumpur, 2022 <sup>P</sup>

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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00567	567	0.00570	100,000	99,471	0.99392 <sup>a</sup>	7,496,970	75.0
1	0.00099	99	0.00025	99,433	397,488	0.99913 <sup>b</sup>	7,397,498	74.4
5	0.00058	58	0.00012	99,334	496,528	0.99940	7,000,011	70.5
10	0.00063	62	0.00013	99,277	496,228	0.99895	6,503,482	65.5
15	0.00147	146	0.00029	99,214	495,708	0.99744	6,007,254	60.5
20	0.00366	362	0.00073	99,069	494,438	0.99642	5,511,546	55.6
25	0.00350	346	0.00070	98,706	492,668	0.99647	5,017,108	50.8
30	0.00356	350	0.00071	98,361	490,928	0.99549	4,524,441	46.0
35	0.00547	536	0.00110	98,011	488,712	0.99334	4,033,512	41.2
40	0.00785	765	0.00158	97,474	485,459	0.98819	3,544,800	36.4
45	0.01580	1,528	0.00319	96,709	479,725	0.97557	3,059,341	31.6
50	0.03320	3,160	0.00675	95,181	468,006	0.95409	2,579,616	27.1
55	0.05906	5,434	0.01217	92,021	446,521	0.92766	2,111,610	22.9
60	0.08646	7,487	0.01807	86,587	414,219	0.89294	1,665,089	19.2
65	0.12962	10,253	0.02772	79,100	369,871	0.85970	1,250,871	15.8
70	0.15257	10,504	0.03303	68,848	317,978	0.81942	881,000	12.8
75	0.21362	12,464	0.04783	58,344	260,559	0.53721 <sup>c</sup>	563,022	9.7
80+	1.00000	45,880	0.15169	45,880	302,463	-	302,463	6.6
<b>Lelaki</b> <i>Male</i>								
0	0.00648	648	0.00652	100,000	99,392	0.99313 <sup>a</sup>	7,268,555	72.7
1	0.00100	99	0.00025	99,352	397,174	0.99905 <sup>b</sup>	7,169,163	72.2
5	0.00068	68	0.00014	99,253	496,096	0.99934	6,771,989	68.2
10	0.00064	63	0.00013	99,185	495,768	0.99868	6,275,894	63.3
15	0.00200	198	0.00040	99,122	495,115	0.99623	5,780,125	58.3
20	0.00555	549	0.00111	98,924	493,249	0.99496	5,285,010	53.4
25	0.00453	446	0.00091	98,375	490,763	0.99552	4,791,761	48.7
30	0.00442	433	0.00089	97,930	488,566	0.99427	4,300,998	43.9
35	0.00704	686	0.00141	97,497	485,768	0.99170	3,812,433	39.1
40	0.00956	926	0.00192	96,811	481,738	0.98589	3,326,664	34.4
45	0.01871	1,794	0.00378	95,885	474,940	0.97003	2,844,926	29.7
50	0.04145	3,900	0.00846	94,091	460,706	0.94122	2,369,986	25.2
55	0.07686	6,932	0.01599	90,191	433,627	0.90755	1,909,280	21.2
60	0.10933	9,103	0.02313	83,259	393,540	0.86682	1,475,653	17.7
65	0.15996	11,862	0.03477	74,156	341,127	0.82916	1,082,113	14.6
70	0.18379	11,449	0.04048	62,294	282,849	0.78866	740,986	11.9
75	0.24508	12,461	0.05586	50,845	223,073	0.51309 <sup>c</sup>	458,137	9.0
80+	1.00000	38,384	0.16329	38,384	235,064	-	235,064	6.1

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>P</sup> Permulaan  
Preliminary

Jadual 4.14: Jadual hayat ringkas mengikut jantina dan umur, W.P. Kuala Lumpur, 2022 <sup>P</sup> (samb.)

Table 4.14: Abridged life table by sex and age, W.P. Kuala Lumpur, 2022 <sup>P</sup> (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> Female								
0	0.00479	479	0.00481	100,000	99,552	0.99478 <sup>a</sup>	7,767,210	77.7
1	0.00099	99	0.00025	99,521	397,838	0.99920 <sup>b</sup>	7,667,658	77.0
5	0.00047	47	0.00009	99,422	496,993	0.99946	7,269,820	73.1
10	0.00062	61	0.00012	99,375	496,723	0.99925	6,772,827	68.2
15	0.00088	88	0.00018	99,314	496,350	0.99885	6,276,104	63.2
20	0.00141	140	0.00028	99,226	495,781	0.99816	5,779,753	58.2
25	0.00227	225	0.00045	99,086	494,868	0.99759	5,283,972	53.3
30	0.00254	251	0.00051	98,861	493,678	0.99694	4,789,104	48.4
35	0.00359	354	0.00072	98,610	492,165	0.99532	4,295,426	43.6
40	0.00577	567	0.00116	98,256	489,862	0.99097	3,803,261	38.7
45	0.01231	1,202	0.00248	97,689	485,437	0.98200	3,313,400	33.9
50	0.02376	2,292	0.00481	96,486	476,701	0.96777	2,827,962	29.3
55	0.04090	3,853	0.00835	94,194	461,338	0.94798	2,351,262	25.0
60	0.06362	5,747	0.01314	90,341	437,338	0.91915	1,889,924	20.9
65	0.09926	8,396	0.02089	84,594	401,978	0.88998	1,452,587	17.2
70	0.12196	9,293	0.02598	76,197	357,754	0.84875	1,050,608	13.8
75	0.18461	12,351	0.04068	66,904	303,643	0.56175 <sup>c</sup>	692,854	10.4
80+	1.00000	54,553	0.14016	54,553	389,211	-	389,211	7.1

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>P</sup> Permulaan  
*Preliminary*

Jadual 4.15: Jadual hayat ringkas mengikut jantina dan umur, W.P. Labuan, 2022<sup>P</sup>

Table 4.15: Abridged life table by sex and age, W.P. Labuan, 2022<sup>P</sup>

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00771	771	0.00777	100,000	99,285	0.99153 <sup>a</sup>	7,405,467	74.1
1	0.00177	176	0.00044	99,229	396,479	0.99838 <sup>b</sup>	7,306,182	73.6
5	0.00123	122	0.00025	99,053	494,961	0.99854	6,909,704	69.8
10	0.00168	166	0.00034	98,931	494,241	0.99817	6,414,742	64.8
15	0.00198	195	0.00040	98,765	493,338	0.99786	5,920,501	59.9
20	0.00231	228	0.00046	98,570	492,280	0.99629	5,427,163	55.1
25	0.00512	503	0.00103	98,342	490,453	0.99485	4,934,883	50.2
30	0.00518	506	0.00104	97,839	487,929	0.99358	4,444,430	45.4
35	0.00767	747	0.00154	97,332	484,796	0.99063	3,956,502	40.6
40	0.01109	1,071	0.00223	96,586	480,252	0.98382	3,471,706	35.9
45	0.02132	2,037	0.00431	95,515	472,484	0.97170	2,991,454	31.3
50	0.03543	3,312	0.00721	93,478	459,113	0.95708	2,518,970	26.9
55	0.05070	4,571	0.01040	90,167	439,406	0.93957	2,059,857	22.8
60	0.07068	6,050	0.01465	85,596	412,852	0.89991	1,620,452	18.9
65	0.13174	10,479	0.02821	79,545	371,530	0.85204	1,207,599	15.2
70	0.16665	11,510	0.03636	69,066	316,558	0.78894	836,070	12.1
75	0.26436	15,216	0.06093	57,557	249,744	0.51927 <sup>c</sup>	519,512	9.0
80+	1.00000	42,341	0.15695	42,341	269,767	-	269,767	6.4
<b>Lelaki</b> <i>Male</i>								
0	0.00838	838	0.00845	100,000	99,218	0.99062 <sup>a</sup>	7,239,604	72.4
1	0.00235	233	0.00059	99,162	396,095	0.99768 <sup>b</sup>	7,140,386	72.0
5	0.00195	192	0.00039	98,929	494,162	0.99845	6,744,291	68.2
10	0.00116	114	0.00023	98,736	493,395	0.99834	6,250,129	63.3
15	0.00217	214	0.00043	98,622	492,575	0.99701	5,756,734	58.4
20	0.00382	376	0.00077	98,408	491,102	0.99451	5,264,159	53.5
25	0.00718	703	0.00144	98,032	488,404	0.99380	4,773,057	48.7
30	0.00521	507	0.00104	97,329	485,378	0.99257	4,284,653	44.0
35	0.00967	936	0.00194	96,822	481,771	0.99217	3,799,276	39.2
40	0.00597	572	0.00120	95,886	478,000	0.98252	3,317,505	34.6
45	0.02906	2,770	0.00590	95,314	469,644	0.96221	2,839,505	29.8
50	0.04679	4,330	0.00958	92,544	451,894	0.94513	2,369,861	25.6
55	0.06335	5,588	0.01308	88,214	427,098	0.93244	1,917,967	21.7
60	0.07205	5,954	0.01495	82,625	398,243	0.88031	1,490,869	18.0
65	0.17102	13,112	0.03740	76,672	350,579	0.82085	1,092,625	14.3
70	0.18896	12,010	0.04173	63,560	287,773	0.77684	742,046	11.7
75	0.26532	13,677	0.06118	51,550	223,555	0.50788 <sup>c</sup>	454,273	8.8
80+	1.00000	37,872	0.16415	37,872	230,718	-	230,718	6.1

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>P</sup> Permulaan  
Preliminary

Jadual 4.15: Jadual hayat ringkas mengikut jantina dan umur, W.P. Labuan, 2022<sup>P</sup> (samb.)

Table 4.15: Abridged life table by sex and age, W.P. Labuan, 2022<sup>P</sup> (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00704	704	0.00708	100,000	99,346	0.99251 <sup>a</sup>	7,589,668	75.9
1	0.00112	111	0.00028	99,296	396,908	0.99914 <sup>b</sup>	7,490,322	75.4
5	0.00039	38	0.00008	99,185	495,829	0.99866	7,093,413	71.5
10	0.00230	228	0.00046	99,147	495,164	0.99796	6,597,584	66.5
15	0.00178	176	0.00036	98,919	494,154	0.99858	6,102,420	61.7
20	0.00106	105	0.00021	98,743	493,452	0.99792	5,608,266	56.8
25	0.00311	307	0.00062	98,638	492,424	0.99588	5,114,813	51.9
30	0.00515	506	0.00103	98,332	490,393	0.99474	4,622,389	47.0
35	0.00538	526	0.00108	97,826	487,813	0.98862	4,131,996	42.2
40	0.01742	1,695	0.00352	97,300	482,259	0.98437	3,644,183	37.5
45	0.01380	1,319	0.00278	95,604	474,723	0.98077	3,161,923	33.1
50	0.02473	2,332	0.00501	94,285	465,596	0.96935	2,687,201	28.5
55	0.03673	3,377	0.00748	91,953	451,324	0.94741	2,221,605	24.2
60	0.06906	6,117	0.01431	88,576	427,588	0.92227	1,770,281	20.0
65	0.08705	7,178	0.01820	82,459	394,351	0.88643	1,342,692	16.3
70	0.14263	10,737	0.03072	75,281	349,563	0.80173	948,341	12.6
75	0.26316	16,985	0.06061	64,544	280,257	0.53195 <sup>c</sup>	598,777	9.3
80+	1.00000	47,559	0.14931	47,559	318,521	-	318,521	6.7

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>P</sup> Permulaan  
*Preliminary*

Jadual 4.16: Jadual hayat ringkas mengikut jantina dan umur, W.P. Putrajaya, 2022<sup>P</sup>

Table 4.16: Abridged life table by sex and age, W.P. Putrajaya, 2022<sup>P</sup>

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00620	620	0.00623	100,000	99,423	0.99361 <sup>a</sup>	7,454,613	74.5
1	0.00056	56	0.00014	99,380	397,382	0.99939 <sup>b</sup>	7,355,190	74.0
5	0.00049	49	0.00010	99,324	496,500	0.99931	6,957,808	70.1
10	0.00089	89	0.00018	99,276	496,157	0.99891	6,461,308	65.1
15	0.00129	128	0.00026	99,187	495,616	0.99709	5,965,151	60.1
20	0.00455	450	0.00091	99,059	494,172	0.99730	5,469,535	55.2
25	0.00084	83	0.00017	98,609	492,838	0.99760	4,975,363	50.5
30	0.00395	389	0.00079	98,526	491,656	0.99572	4,482,525	45.5
35	0.00461	452	0.00092	98,137	489,552	0.99409	3,990,869	40.7
40	0.00721	704	0.00145	97,684	486,661	0.99066	3,501,317	35.8
45	0.01149	1,114	0.00231	96,980	482,116	0.98570	3,014,656	31.1
50	0.01714	1,643	0.00346	95,866	475,222	0.96950	2,532,540	26.4
55	0.04409	4,154	0.00902	94,223	460,729	0.93648	2,057,318	21.8
60	0.08385	7,552	0.01750	90,069	431,464	0.88318	1,596,589	17.7
65	0.15281	12,609	0.03309	82,517	381,060	0.82084	1,165,125	14.1
70	0.21026	14,699	0.04699	69,908	312,791	0.74966	784,065	11.2
75	0.30109	16,623	0.07089	55,209	234,487	0.50244 <sup>c</sup>	471,274	8.5
80+	1.00000	38,586	0.16296	38,586	236,788	-	236,788	6.1
<b>Lelaki</b> <i>Male</i>								
0	0.00648	648	0.00652	100,000	99,391	0.99334 <sup>a</sup>	7,184,109	71.8
1	0.00055	55	0.00014	99,352	397,278	0.99935 <sup>b</sup>	7,084,718	71.3
5	0.00057	56	0.00011	99,297	496,345	0.99950	6,687,440	67.3
10	0.00044	43	0.00009	99,241	496,096	0.99854	6,191,095	62.4
15	0.00249	247	0.00050	99,198	495,370	0.99555	5,694,999	57.4
20	0.00641	634	0.00129	98,950	493,166	0.99588	5,199,630	52.5
25	0.00182	179	0.00036	98,316	491,133	0.99679	4,706,464	47.9
30	0.00461	452	0.00092	98,137	489,554	0.99458	4,215,331	43.0
35	0.00623	609	0.00125	97,685	486,901	0.99275	3,725,777	38.1
40	0.00828	803	0.00166	97,076	483,370	0.98954	3,238,876	33.4
45	0.01267	1,220	0.00255	96,272	478,312	0.98337	2,755,507	28.6
50	0.02064	1,962	0.00417	95,052	470,357	0.96256	2,277,195	24.0
55	0.05459	5,082	0.01122	93,090	452,747	0.91788	1,806,838	19.4
60	0.11123	9,790	0.02356	88,008	415,568	0.85646	1,354,091	15.4
65	0.17989	14,071	0.03953	78,219	355,916	0.78050	938,524	12.0
70	0.26780	17,179	0.06184	64,148	277,792	0.64063	582,608	9.1
75	0.48443	22,753	0.12785	46,969	177,962	0.41617 <sup>c</sup>	304,816	6.5
80+	1.00000	24,216	0.19089	24,216	126,854	-	126,854	5.2

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>P</sup> Permulaan  
Preliminary

Jadual 4.16: Jadual hayat ringkas mengikut jantina dan umur, W.P. Putrajaya, 2022<sup>p</sup> (samb.)

Table 4.16: Abridged life table by sex and age, W.P. Putrajaya, 2022<sup>p</sup> (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00589	589	0.00592	100,000	99,451	0.99390 <sup>a</sup>	7,722,410	77.2
1	0.00058	57	0.00014	99,411	397,501	0.99943 <sup>b</sup>	7,622,959	76.7
5	0.00041	41	0.00008	99,354	496,666	0.99911	7,225,458	72.7
10	0.00137	136	0.00027	99,313	496,224	0.99931	6,728,791	67.8
15	0.00000	-	0.00000	99,177	495,884	0.99879	6,232,567	62.8
20	0.00243	241	0.00049	99,177	495,282	0.99878	5,736,683	57.8
25	0.00000	-	0.00000	98,936	494,680	0.99829	5,241,402	53.0
30	0.00342	338	0.00068	98,936	493,835	0.99664	4,746,722	48.0
35	0.00330	325	0.00066	98,598	492,177	0.99526	4,252,887	43.1
40	0.00619	609	0.00124	98,273	489,843	0.99180	3,760,710	38.3
45	0.01021	998	0.00205	97,664	485,827	0.98813	3,270,867	33.5
50	0.01354	1,309	0.00273	96,667	480,062	0.97685	2,785,040	28.8
55	0.03289	3,136	0.00669	95,358	468,950	0.95508	2,304,978	24.2
60	0.05737	5,291	0.01181	92,222	447,884	0.90734	1,836,028	19.9
65	0.13010	11,310	0.02783	86,931	406,383	0.85274	1,388,144	16.0
70	0.16699	12,628	0.03644	75,622	346,537	0.82106	981,761	13.0
75	0.19329	12,176	0.04279	62,993	284,527	0.55208 <sup>c</sup>	635,224	10.1
80+	1.00000	50,818	0.14490	50,818	350,697	-	350,697	6.9

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>p</sup> Permulaan  
*Preliminary*

# NEGERI *STATE*

2023<sup>e</sup>



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Jadual 5.1: Jadual hayat ringkas mengikut jantina dan umur, Johor, 2023<sup>e</sup>

Table 5.1: Abridged life table by sex and age, Johor, 2023<sup>e</sup>

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00652	652	0.00656	100,000	99,393	0.99280 <sup>a</sup>	7,460,117	74.6
1	0.00156	155	0.00039	99,348	397,006	0.99870 <sup>b</sup>	7,360,724	74.1
5	0.00085	85	0.00017	99,193	495,752	0.99900	6,963,718	70.2
10	0.00116	115	0.00023	99,108	495,254	0.99797	6,467,966	65.3
15	0.00291	288	0.00058	98,994	494,248	0.99699	5,972,711	60.3
20	0.00310	306	0.00062	98,706	492,763	0.99681	5,478,463	55.5
25	0.00327	322	0.00066	98,399	491,192	0.99564	4,985,700	50.7
30	0.00546	535	0.00109	98,077	489,050	0.99317	4,494,508	45.8
35	0.00821	801	0.00165	97,542	485,709	0.98937	4,005,458	41.1
40	0.01306	1,264	0.00263	96,741	480,547	0.98283	3,519,749	36.4
45	0.02132	2,036	0.00431	95,478	472,298	0.97352	3,039,201	31.8
50	0.03175	2,966	0.00645	93,442	459,793	0.96100	2,566,903	27.5
55	0.04649	4,206	0.00952	90,475	441,860	0.94223	2,107,111	23.3
60	0.06959	6,004	0.01442	86,269	416,335	0.91391	1,665,250	19.3
65	0.10382	8,333	0.02190	80,265	380,493	0.86151	1,248,915	15.6
70	0.17717	12,744	0.03888	71,932	327,799	0.78551	868,422	12.1
75	0.25984	15,379	0.05973	59,188	257,490	0.52372 <sup>c</sup>	540,623	9.1
80+	1.00000	43,808	0.15473	43,808	283,133	-	283,133	6.5
<b>Lelaki</b> <i>Male</i>								
0	0.00702	702	0.00707	100,000	99,342	0.99223 <sup>a</sup>	7,245,628	72.5
1	0.00177	176	0.00044	99,298	396,774	0.99850 <sup>b</sup>	7,146,286	72.0
5	0.00096	95	0.00019	99,122	495,372	0.99885	6,749,512	68.1
10	0.00134	133	0.00027	99,027	494,802	0.99718	6,254,140	63.2
15	0.00431	426	0.00086	98,894	493,405	0.99588	5,759,338	58.2
20	0.00394	388	0.00079	98,468	491,370	0.99600	5,265,933	53.5
25	0.00406	398	0.00081	98,080	489,404	0.99454	4,774,562	48.7
30	0.00687	672	0.00138	97,682	486,730	0.99153	4,285,158	43.9
35	0.01008	977	0.00203	97,010	482,607	0.98694	3,798,428	39.2
40	0.01607	1,543	0.00324	96,033	476,305	0.97896	3,315,821	34.5
45	0.02609	2,465	0.00529	94,489	466,285	0.96778	2,839,515	30.1
50	0.03851	3,544	0.00785	92,025	451,264	0.95151	2,373,230	25.8
55	0.05888	5,210	0.01213	88,481	429,380	0.92831	1,921,966	21.7
60	0.08530	7,103	0.01782	83,271	398,598	0.89406	1,492,586	17.9
65	0.12851	9,788	0.02747	76,168	356,370	0.83303	1,093,988	14.4
70	0.21109	14,012	0.04720	66,380	296,868	0.74787	737,618	11.1
75	0.30415	15,928	0.07174	52,368	222,019	0.49627 <sup>c</sup>	440,749	8.4
80+	1.00000	36,440	0.16660	36,440	218,731	-	218,731	6.0

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>e</sup> Anggaran  
Estimates

Jadual 5.1: Jadual hayat ringkas mengikut jantina dan umur, Johor, 2023<sup>e</sup> (samb.)

Table 5.1: Abridged life table by sex and age, Johor, 2023<sup>e</sup> (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00599	599	0.00602	100,000	99,442	0.99342 <sup>a</sup>	7,717,598	77.2
1	0.00135	134	0.00034	99,401	397,270	0.99886 <sup>b</sup>	7,618,157	76.6
5	0.00075	74	0.00015	99,267	496,148	0.99915	7,220,886	72.7
10	0.00096	95	0.00019	99,192	495,725	0.99885	6,724,739	67.8
15	0.00135	134	0.00027	99,098	495,153	0.99832	6,229,014	62.9
20	0.00201	199	0.00040	98,964	494,320	0.99790	5,733,860	57.9
25	0.00219	216	0.00044	98,764	493,282	0.99706	5,239,540	53.1
30	0.00369	363	0.00074	98,548	491,833	0.99518	4,746,259	48.2
35	0.00596	585	0.00120	98,185	489,462	0.99222	4,254,426	43.3
40	0.00961	938	0.00193	97,600	485,655	0.98730	3,764,963	38.6
45	0.01581	1,528	0.00319	96,662	479,489	0.97982	3,279,308	33.9
50	0.02462	2,342	0.00499	95,134	469,813	0.97112	2,799,819	29.4
55	0.03324	3,085	0.00676	92,792	456,247	0.95716	2,330,006	25.1
60	0.05278	4,734	0.01084	89,707	436,699	0.93409	1,873,759	20.9
65	0.07978	6,779	0.01662	84,973	407,916	0.88980	1,437,060	16.9
70	0.14325	11,201	0.03086	78,194	362,965	0.82282	1,029,145	13.2
75	0.21677	14,522	0.04862	66,992	298,657	0.55169 <sup>c</sup>	666,179	9.9
80+	1.00000	52,470	0.14277	52,470	367,523	-	367,523	7.0

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>e</sup> Anggaran  
*Estimates*

Jadual 5.2: Jadual hayat ringkas mengikut jantina dan umur, Kedah, 2023<sup>e</sup>

Table 5.2: Abridged life table by sex and age, Kedah, 2023<sup>e</sup>

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00583	583	0.00586	100,000	99,456	0.99354 <sup>a</sup>	7,267,226	72.7
1	0.00144	143	0.00036	99,417	397,313	0.99864 <sup>b</sup>	7,167,770	72.1
5	0.00113	112	0.00023	99,274	496,091	0.99873	6,770,457	68.2
10	0.00142	141	0.00029	99,162	495,459	0.99738	6,274,366	63.3
15	0.00382	379	0.00077	99,021	494,158	0.99578	5,778,908	58.4
20	0.00461	454	0.00092	98,642	492,076	0.99523	5,284,749	53.6
25	0.00493	484	0.00099	98,188	489,729	0.99350	4,792,674	48.8
30	0.00808	790	0.00162	97,704	486,544	0.98952	4,302,945	44.0
35	0.01290	1,250	0.00260	96,914	481,444	0.98353	3,816,401	39.4
40	0.02008	1,921	0.00406	95,664	473,515	0.97446	3,334,957	34.9
45	0.03111	2,916	0.00632	93,742	461,422	0.96342	2,861,442	30.5
50	0.04223	3,836	0.00863	90,826	444,541	0.95089	2,400,020	26.4
55	0.05628	4,896	0.01158	86,990	422,712	0.92590	1,955,479	22.5
60	0.09298	7,633	0.01950	82,094	391,390	0.89498	1,532,767	18.7
65	0.11830	8,809	0.02515	74,462	350,286	0.85705	1,141,377	15.3
70	0.17090	11,220	0.03737	65,653	300,213	0.79067	791,091	12.0
75	0.25569	13,918	0.05863	54,433	237,369	0.51644 <sup>c</sup>	490,878	9.0
80+	1.00000	40,515	0.15982	40,515	253,509	-	253,509	6.3
<b>Lelaki</b> <i>Male</i>								
0	0.00551	551	0.00554	100,000	99,481	0.99379 <sup>a</sup>	6,988,999	69.9
1	0.00163	162	0.00041	99,449	397,414	0.99845 <sup>b</sup>	6,889,517	69.3
5	0.00126	125	0.00025	99,287	496,125	0.99874	6,492,103	65.4
10	0.00126	125	0.00025	99,163	495,502	0.99659	5,995,978	60.5
15	0.00557	552	0.00112	99,038	493,810	0.99416	5,500,476	55.5
20	0.00611	601	0.00123	98,486	490,927	0.99390	5,006,666	50.8
25	0.00609	597	0.00122	97,885	487,932	0.99177	4,515,739	46.1
30	0.01038	1,010	0.00209	97,288	483,917	0.98542	4,027,807	41.4
35	0.01883	1,813	0.00380	96,279	476,861	0.97686	3,543,890	36.8
40	0.02754	2,601	0.00558	94,466	465,826	0.96566	3,067,029	32.5
45	0.04133	3,796	0.00844	91,864	449,832	0.95115	2,601,203	28.3
50	0.05670	4,993	0.01167	88,068	427,857	0.93513	2,151,371	24.4
55	0.07354	6,109	0.01527	83,075	400,101	0.90576	1,723,515	20.7
60	0.11659	8,974	0.02476	76,966	362,394	0.86845	1,323,414	17.2
65	0.14847	10,095	0.03208	67,992	314,722	0.82726	961,020	14.1
70	0.20125	11,652	0.04475	57,897	260,356	0.75800	646,298	11.2
75	0.29303	13,551	0.06867	46,245	197,349	0.48866 <sup>c</sup>	385,942	8.3
80+	1.00000	32,694	0.17336	32,694	188,593	-	188,593	5.8

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>e</sup> Anggaran  
Estimates

Jadual 5.2: Jadual hayat ringkas mengikut jantina dan umur, Kedah, 2023<sup>e</sup> (samb.)

Table 5.2: Abridged life table by sex and age, Kedah, 2023<sup>e</sup> (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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00622	622	0.00626	100,000	99,420	0.99326 <sup>a</sup>	7,577,164	75.8
1	0.00122	122	0.00031	99,378	397,208	0.99881 <sup>b</sup>	7,477,744	75.2
5	0.00098	98	0.00020	99,256	496,035	0.99871	7,080,536	71.3
10	0.00161	159	0.00032	99,158	495,393	0.99824	6,584,500	66.4
15	0.00191	189	0.00038	98,999	494,523	0.99765	6,089,107	61.5
20	0.00280	277	0.00056	98,810	493,358	0.99684	5,594,584	56.6
25	0.00353	348	0.00071	98,533	491,797	0.99547	5,101,226	51.8
30	0.00554	544	0.00111	98,186	489,568	0.99381	4,609,429	46.9
35	0.00684	668	0.00137	97,642	486,538	0.99029	4,119,861	42.2
40	0.01259	1,221	0.00253	96,974	481,816	0.98329	3,633,323	37.5
45	0.02087	1,999	0.00422	95,753	473,767	0.97510	3,151,506	32.9
50	0.02901	2,720	0.00589	93,754	461,972	0.96547	2,677,739	28.6
55	0.04022	3,662	0.00821	91,035	446,018	0.94477	2,215,767	24.3
60	0.07087	6,192	0.01469	87,373	421,384	0.91934	1,769,749	20.3
65	0.09119	7,403	0.01911	81,181	387,397	0.88472	1,348,364	16.6
70	0.14178	10,460	0.03052	73,778	342,740	0.82212	960,967	13.0
75	0.21995	13,927	0.04942	63,318	281,774	0.54422 <sup>c</sup>	618,227	9.8
80+	1.00000	49,391	0.14680	49,391	336,453	-	336,453	6.8

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>e</sup> Anggaran  
*Estimates*

Jadual 5.3: Jadual hayat ringkas mengikut jantina dan umur, Kelantan, 2023<sup>e</sup>

Table 5.3: Abridged life table by sex and age, Kelantan, 2023<sup>e</sup>

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00767	767	0.00772	100,000	99,289	0.99168 <sup>a</sup>	7,201,338	72.0
1	0.00154	153	0.00039	99,233	396,551	0.99844 <sup>b</sup>	7,102,049	71.6
5	0.00134	133	0.00027	99,080	495,067	0.99854	6,705,498	67.7
10	0.00158	156	0.00032	98,947	494,345	0.99749	6,210,431	62.8
15	0.00345	341	0.00069	98,791	493,102	0.99648	5,716,085	57.9
20	0.00358	352	0.00072	98,450	491,368	0.99560	5,222,983	53.1
25	0.00522	512	0.00105	98,097	489,207	0.99304	4,731,615	48.2
30	0.00870	849	0.00175	97,585	485,803	0.98960	4,242,408	43.5
35	0.01211	1,172	0.00244	96,736	480,750	0.98459	3,756,605	38.8
40	0.01874	1,791	0.00378	95,564	473,344	0.97648	3,275,855	34.3
45	0.02838	2,661	0.00576	93,773	462,213	0.96488	2,802,511	29.9
50	0.04205	3,831	0.00859	91,112	445,982	0.94978	2,340,298	25.7
55	0.05874	5,127	0.01210	87,281	423,586	0.92896	1,894,316	21.7
60	0.08410	6,909	0.01756	82,154	393,496	0.89692	1,470,729	17.9
65	0.12381	9,316	0.02640	75,245	352,933	0.84229	1,077,234	14.3
70	0.19640	12,949	0.04356	65,929	297,272	0.74001	724,301	11.0
75	0.33912	17,967	0.08167	52,980	219,984	0.48485 <sup>c</sup>	427,029	8.1
80+	1.00000	35,013	0.16911	35,013	207,045	-	207,045	5.9
<b>Lelaki</b> <i>Male</i>								
0	0.00903	903	0.00911	100,000	99,159	0.99033 <sup>a</sup>	6,945,978	69.5
1	0.00162	160	0.00040	99,097	396,007	0.99820 <sup>b</sup>	6,846,819	69.1
5	0.00165	164	0.00033	98,937	494,274	0.99820	6,450,812	65.2
10	0.00194	192	0.00039	98,773	493,386	0.99643	5,956,538	60.3
15	0.00520	512	0.00104	98,581	491,626	0.99472	5,463,152	55.4
20	0.00537	527	0.00108	98,069	489,029	0.99413	4,971,526	50.7
25	0.00636	621	0.00128	97,542	486,160	0.99167	4,482,497	46.0
30	0.01030	999	0.00207	96,922	482,112	0.98694	3,996,336	41.2
35	0.01585	1,521	0.00320	95,923	475,814	0.98077	3,514,224	36.6
40	0.02265	2,139	0.00458	94,403	466,666	0.97025	3,038,410	32.2
45	0.03701	3,415	0.00754	92,264	452,782	0.95532	2,571,744	27.9
50	0.05263	4,676	0.01081	88,849	432,554	0.93577	2,118,962	23.8
55	0.07647	6,437	0.01590	84,173	404,772	0.91075	1,686,408	20.0
60	0.10309	8,014	0.02174	77,736	368,645	0.87316	1,281,636	16.5
65	0.15332	10,690	0.03321	69,722	321,885	0.80547	912,990	13.1
70	0.24320	14,356	0.05537	59,032	259,269	0.69764	591,105	10.0
75	0.38053	17,000	0.09399	44,676	180,877	0.45492 <sup>c</sup>	331,836	7.4
80+	1.00000	27,675	0.18333	27,675	150,959	-	150,959	5.5

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>e</sup> Anggaran  
Estimates

Jadual 5.3: Jadual hayat ringkas mengikut jantina dan umur, Kelantan, 2023<sup>e</sup> (samb.)

Table 5.3: Abridged life table by sex and age, Kelantan, 2023<sup>e</sup> (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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00622	622	0.00626	100,000	99,420	0.99314 <sup>a</sup>	7,477,913	74.8
1	0.00146	146	0.00037	99,378	397,148	0.99866 <sup>b</sup>	7,378,493	74.2
5	0.00102	102	0.00021	99,232	495,906	0.99890	6,981,345	70.4
10	0.00118	117	0.00024	99,130	495,358	0.99859	6,485,439	65.4
15	0.00163	161	0.00033	99,013	494,662	0.99826	5,990,081	60.5
20	0.00184	182	0.00037	98,852	493,804	0.99706	5,495,419	55.6
25	0.00405	400	0.00081	98,670	492,350	0.99451	5,001,615	50.7
30	0.00694	682	0.00139	98,270	489,646	0.99243	4,509,265	45.9
35	0.00820	801	0.00165	97,588	485,940	0.98863	4,019,619	41.2
40	0.01457	1,410	0.00293	96,788	480,414	0.98275	3,533,679	36.5
45	0.01998	1,906	0.00404	95,378	472,126	0.97384	3,053,265	32.0
50	0.03247	3,035	0.00660	93,472	459,774	0.96249	2,581,140	27.6
55	0.04273	3,864	0.00873	90,437	442,527	0.94551	2,121,365	23.5
60	0.06678	5,782	0.01382	86,573	418,413	0.91864	1,678,838	19.4
65	0.09698	7,835	0.02039	80,792	384,371	0.87616	1,260,425	15.6
70	0.15358	11,205	0.03327	72,956	336,770	0.77869	876,055	12.0
75	0.30133	18,608	0.07096	61,751	262,238	0.51373 <sup>c</sup>	539,285	8.7
80+	1.00000	43,144	0.15573	43,144	277,047	-	277,047	6.4

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>e</sup> Anggaran  
*Estimates*

Jadual 5.4: Jadual hayat ringkas mengikut jantina dan umur, Melaka, 2023<sup>e</sup>

Table 5.4: Abridged life table by sex and age, Melaka, 2023<sup>e</sup>

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00650	650	0.00654	100,000	99,395	0.99268 <sup>a</sup>	7,377,605	73.8
1	0.00184	183	0.00046	99,350	396,944	0.99846 <sup>b</sup>	7,278,210	73.3
5	0.00105	105	0.00021	99,167	495,572	0.99901	6,881,266	69.4
10	0.00093	92	0.00019	99,062	495,081	0.99784	6,385,693	64.5
15	0.00339	336	0.00068	98,970	494,012	0.99701	5,890,613	59.5
20	0.00259	256	0.00052	98,635	492,534	0.99683	5,396,601	54.7
25	0.00374	368	0.00075	98,379	490,975	0.99602	4,904,067	49.8
30	0.00422	414	0.00085	98,011	489,019	0.99373	4,413,092	45.0
35	0.00833	813	0.00167	97,597	485,951	0.99140	3,924,072	40.2
40	0.00886	858	0.00178	96,784	481,774	0.98605	3,438,121	35.5
45	0.01908	1,830	0.00385	95,926	475,054	0.96983	2,956,348	30.8
50	0.04148	3,903	0.00847	94,096	460,723	0.94991	2,481,293	26.4
55	0.05908	5,329	0.01218	90,193	437,644	0.92966	2,020,570	22.4
60	0.08232	6,986	0.01717	84,865	406,858	0.90157	1,582,926	18.7
65	0.11598	9,033	0.02462	77,879	366,812	0.86445	1,176,068	15.1
70	0.15768	10,856	0.03424	68,846	317,092	0.77130	809,255	11.8
75	0.31302	18,152	0.07422	57,990	244,572	0.50307 <sup>c</sup>	492,164	8.5
80+	1.00000	39,838	0.16090	39,838	247,591	-	247,591	6.2
<b>Lelaki</b> <i>Male</i>								
0	0.00794	794	0.00800	100,000	99,258	0.99145 <sup>a</sup>	7,128,863	71.3
1	0.00153	152	0.00038	99,206	396,465	0.99858 <sup>b</sup>	7,029,605	70.9
5	0.00103	102	0.00021	99,054	495,018	0.99919	6,633,140	67.0
10	0.00060	59	0.00012	98,953	494,615	0.99718	6,138,122	62.0
15	0.00504	498	0.00101	98,893	493,222	0.99547	5,643,507	57.1
20	0.00401	395	0.00080	98,395	490,989	0.99543	5,150,285	52.3
25	0.00513	503	0.00103	98,000	488,745	0.99488	4,659,296	47.5
30	0.00511	498	0.00102	97,498	486,242	0.99209	4,170,551	42.8
35	0.01072	1,040	0.00216	96,999	482,396	0.98987	3,684,310	38.0
40	0.00953	914	0.00191	95,959	477,512	0.98096	3,201,913	33.4
45	0.02864	2,722	0.00581	95,045	468,421	0.95870	2,724,402	28.7
50	0.05433	5,016	0.01117	92,323	449,076	0.93364	2,255,981	24.4
55	0.07907	6,904	0.01647	87,307	419,277	0.90872	1,806,905	20.7
60	0.10452	8,404	0.02206	80,403	381,007	0.87870	1,387,629	17.3
65	0.14003	10,082	0.03011	71,999	334,792	0.83903	1,006,622	14.0
70	0.18532	11,475	0.04085	61,917	280,900	0.73515	671,830	10.9
75	0.36247	18,284	0.08854	50,443	206,503	0.47176 <sup>c</sup>	390,930	7.7
80+	1.00000	32,159	0.17437	32,159	184,427	-	184,427	5.7

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>e</sup> Anggaran  
Estimates

Jadual 5.4: Jadual hayat ringkas mengikut jantina dan umur, Melaka, 2023<sup>e</sup> (samb.)

Table 5.4: Abridged life table by sex and age, Melaka, 2023<sup>e</sup> (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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00500	500	0.00502	100,000	99,533	0.99400 <sup>a</sup>	7,651,745	76.5
1	0.00216	215	0.00054	99,500	397,467	0.99831 <sup>b</sup>	7,552,212	75.9
5	0.00108	107	0.00022	99,285	496,159	0.99882	7,154,745	72.1
10	0.00128	127	0.00026	99,178	495,573	0.99856	6,658,586	67.1
15	0.00160	159	0.00032	99,051	494,859	0.99873	6,163,013	62.2
20	0.00093	92	0.00019	98,892	494,231	0.99847	5,668,153	57.3
25	0.00213	210	0.00043	98,800	493,475	0.99750	5,173,922	52.4
30	0.00288	284	0.00058	98,590	492,239	0.99580	4,680,447	47.5
35	0.00553	544	0.00111	98,306	490,170	0.99329	4,188,208	42.6
40	0.00788	771	0.00158	97,762	486,882	0.98991	3,698,038	37.8
45	0.01232	1,195	0.00248	96,991	481,969	0.97955	3,211,156	33.1
50	0.02869	2,748	0.00582	95,796	472,112	0.96565	2,729,187	28.5
55	0.04018	3,739	0.00820	93,048	455,896	0.95000	2,257,075	24.3
60	0.06023	5,379	0.01242	89,310	433,103	0.92383	1,801,179	20.2
65	0.09313	7,816	0.01954	83,931	400,115	0.88838	1,368,076	16.3
70	0.13201	10,048	0.02827	76,115	355,454	0.80487	967,961	12.7
75	0.26785	17,696	0.06185	66,067	286,094	0.53291 <sup>c</sup>	612,507	9.3
80+	1.00000	48,371	0.14819	48,371	326,413	-	326,413	6.7

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>e</sup> Anggaran  
*Estimates*

Jadual 5.5: Jadual hayat ringkas mengikut jantina dan umur, Negeri Sembilan, 2023<sup>e</sup>

Table 5.5: Abridged life table by sex and age, Negeri Sembilan, 2023<sup>e</sup>

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00603	603	0.00607	100,000	99,438	0.99314 <sup>a</sup>	7,373,504	73.7
1	0.00184	183	0.00046	99,397	397,132	0.99861 <sup>b</sup>	7,274,066	73.2
5	0.00077	77	0.00015	99,214	495,877	0.99921	6,876,935	69.3
10	0.00081	80	0.00016	99,137	495,486	0.99804	6,381,057	64.4
15	0.00311	308	0.00062	99,057	494,515	0.99655	5,885,572	59.4
20	0.00379	374	0.00076	98,749	492,809	0.99593	5,391,056	54.6
25	0.00436	429	0.00087	98,375	490,802	0.99492	4,898,247	49.8
30	0.00581	569	0.00117	97,946	488,307	0.99258	4,407,445	45.0
35	0.00903	879	0.00181	97,377	484,685	0.98755	3,919,139	40.2
40	0.01591	1,535	0.00321	96,497	478,650	0.97878	3,434,454	35.6
45	0.02661	2,527	0.00539	94,963	468,495	0.96878	2,955,804	31.1
50	0.03597	3,324	0.00732	92,436	453,867	0.95337	2,487,309	26.9
55	0.05769	5,141	0.01188	89,111	432,704	0.93579	2,033,442	22.8
60	0.07113	5,973	0.01475	83,970	404,920	0.90613	1,600,738	19.1
65	0.11834	9,230	0.02516	77,998	366,912	0.85754	1,195,818	15.3
70	0.16981	11,678	0.03711	68,767	314,642	0.78721	828,906	12.1
75	0.26456	15,103	0.06098	57,090	247,689	0.51836 <sup>c</sup>	514,265	9.0
80+	1.00000	41,986	0.15750	41,986	266,575	-	266,575	6.3
<b>Lelaki</b> <i>Male</i>								
0	0.00633	633	0.00637	100,000	99,405	0.99275 <sup>a</sup>	7,097,144	71.0
1	0.00212	210	0.00053	99,367	396,969	0.99841 <sup>b</sup>	6,997,739	70.4
5	0.00079	78	0.00016	99,156	495,587	0.99911	6,600,770	66.6
10	0.00099	98	0.00020	99,078	495,146	0.99717	6,105,183	61.6
15	0.00466	461	0.00093	98,980	493,747	0.99481	5,610,037	56.7
20	0.00572	564	0.00115	98,519	491,184	0.99419	5,116,290	51.9
25	0.00590	578	0.00118	97,955	488,329	0.99304	4,625,106	47.2
30	0.00802	781	0.00161	97,377	484,931	0.99054	4,136,777	42.5
35	0.01091	1,054	0.00219	96,595	480,343	0.98481	3,651,846	37.8
40	0.01952	1,865	0.00394	95,542	473,048	0.97168	3,171,503	33.2
45	0.03730	3,494	0.00760	93,677	459,650	0.95610	2,698,455	28.8
50	0.05076	4,578	0.01042	90,183	439,469	0.93560	2,238,806	24.8
55	0.07876	6,742	0.01640	85,605	411,169	0.91613	1,799,336	21.0
60	0.08942	7,052	0.01872	78,863	376,684	0.87998	1,388,167	17.6
65	0.15363	11,032	0.03328	71,811	331,473	0.82773	1,011,483	14.1
70	0.19428	11,808	0.04304	60,778	274,371	0.75541	680,011	11.2
75	0.30704	15,036	0.07254	48,970	207,262	0.48905 <sup>c</sup>	405,640	8.3
80+	1.00000	33,935	0.17106	33,935	198,378	-	198,378	5.8

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>e</sup> Anggaran  
Estimates

Jadual 5.5: Jadual hayat ringkas mengikut jantina dan umur, Negeri Sembilan, 2023<sup>e</sup> (samb.)

Table 5.5: Abridged life table by sex and age, Negeri Sembilan, 2023<sup>e</sup> (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00572	572	0.00575	100,000	99,466	0.99357 <sup>a</sup>	7,692,328	76.9
1	0.00159	158	0.00040	99,428	397,318	0.99874 <sup>b</sup>	7,592,862	76.4
5	0.00076	75	0.00015	99,269	496,159	0.99932	7,195,545	72.5
10	0.00060	59	0.00012	99,194	495,822	0.99903	6,699,386	67.5
15	0.00134	133	0.00027	99,135	495,342	0.99847	6,203,564	62.6
20	0.00172	171	0.00034	99,002	494,584	0.99785	5,708,223	57.7
25	0.00258	255	0.00052	98,831	493,521	0.99718	5,213,639	52.8
30	0.00307	302	0.00061	98,577	492,129	0.99505	4,720,118	47.9
35	0.00684	672	0.00137	98,275	489,694	0.99079	4,227,989	43.0
40	0.01160	1,133	0.00233	97,603	485,183	0.98612	3,738,295	38.3
45	0.01618	1,561	0.00326	96,470	478,448	0.98136	3,253,112	33.7
50	0.02114	2,007	0.00427	94,909	469,529	0.97034	2,774,664	29.2
55	0.03836	3,564	0.00782	92,902	455,602	0.95452	2,305,135	24.8
60	0.05289	4,725	0.01087	89,338	434,879	0.93147	1,849,533	20.7
65	0.08504	7,196	0.01776	84,613	405,077	0.88618	1,414,654	16.7
70	0.14528	11,247	0.03133	77,418	358,971	0.81885	1,009,577	13.0
75	0.22311	14,763	0.05022	66,171	293,945	0.54820 <sup>c</sup>	650,606	9.8
80+	1.00000	51,407	0.14413	51,407	356,661	-	356,661	6.9

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>e</sup> Anggaran  
*Estimates*

Jadual 5.6: Jadual hayat ringkas mengikut jantina dan umur, Pahang, 2023<sup>e</sup>

Table 5.6: Abridged life table by sex and age, Pahang, 2023<sup>e</sup>

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00670	670	0.00674	100,000	99,377	0.99218 <sup>a</sup>	7,256,155	72.6
1	0.00246	245	0.00062	99,330	396,713	0.99817 <sup>b</sup>	7,156,778	72.1
5	0.00099	99	0.00020	99,086	495,182	0.99856	6,760,065	68.2
10	0.00188	186	0.00038	98,987	494,471	0.99759	6,264,883	63.3
15	0.00295	291	0.00059	98,801	493,278	0.99630	5,770,413	58.4
20	0.00446	440	0.00089	98,510	491,450	0.99496	5,277,135	53.6
25	0.00561	550	0.00113	98,070	488,976	0.99376	4,785,685	48.8
30	0.00687	670	0.00138	97,520	485,925	0.99156	4,296,709	44.1
35	0.01001	970	0.00201	96,850	481,826	0.98822	3,810,784	39.3
40	0.01356	1,300	0.00273	95,880	476,152	0.98200	3,328,958	34.7
45	0.02251	2,129	0.00455	94,580	467,579	0.96895	2,852,806	30.2
50	0.03978	3,677	0.00812	92,451	453,063	0.95040	2,385,227	25.8
55	0.05983	5,311	0.01233	88,774	430,591	0.92602	1,932,164	21.8
60	0.08904	7,431	0.01864	83,463	398,735	0.88562	1,501,573	18.0
65	0.14220	10,812	0.03062	76,031	353,128	0.83147	1,102,838	14.5
70	0.19923	12,993	0.04425	65,220	293,615	0.76725	749,710	11.5
75	0.27462	14,342	0.06367	52,226	225,276	0.50608 <sup>c</sup>	456,095	8.7
80+	1.00000	37,884	0.16413	37,884	230,819	-	230,819	6.1
<b>Lelaki</b> <i>Male</i>								
0	0.00704	704	0.00708	100,000	99,341	0.99172 <sup>a</sup>	7,020,142	70.2
1	0.00284	282	0.00071	99,296	396,517	0.99772 <sup>b</sup>	6,920,802	69.7
5	0.00139	138	0.00028	99,014	494,727	0.99810	6,524,285	65.9
10	0.00242	239	0.00048	98,877	493,785	0.99675	6,029,558	61.0
15	0.00407	402	0.00082	98,637	492,182	0.99487	5,535,773	56.1
20	0.00620	609	0.00124	98,236	489,655	0.99377	5,043,590	51.3
25	0.00627	612	0.00126	97,627	486,603	0.99288	4,553,935	46.6
30	0.00798	774	0.00160	97,015	483,137	0.98986	4,067,332	41.9
35	0.01231	1,185	0.00248	96,240	478,240	0.98566	3,584,195	37.2
40	0.01640	1,559	0.00331	95,056	471,381	0.97717	3,105,955	32.7
45	0.02937	2,746	0.00596	93,497	460,619	0.96088	2,634,574	28.2
50	0.04916	4,462	0.01008	90,751	442,600	0.93804	2,173,955	24.0
55	0.07541	6,507	0.01567	86,289	415,177	0.90962	1,731,355	20.1
60	0.10656	8,502	0.02251	79,782	377,654	0.86063	1,316,178	16.5
65	0.17610	12,552	0.03862	71,280	325,019	0.79743	938,524	13.2
70	0.23471	13,784	0.05318	58,728	259,178	0.72190	613,505	10.4
75	0.33480	15,047	0.08042	44,944	187,100	0.47196 <sup>c</sup>	354,327	7.9
80+	1.00000	29,896	0.17878	29,896	167,227	-	167,227	5.6

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>e</sup> Anggaran  
Estimates

Jadual 5.6: Jadual hayat ringkas mengikut jantina dan umur, Pahang, 2023<sup>e</sup> (samb.)

Table 5.6: Abridged life table by sex and age, Pahang, 2023<sup>e</sup> (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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00634	634	0.00638	100,000	99,410	0.99272 <sup>a</sup>	7,538,936	75.4
1	0.00208	206	0.00052	99,366	396,951	0.99857 <sup>b</sup>	7,439,526	74.9
5	0.00059	59	0.00012	99,160	495,651	0.99905	7,042,575	71.0
10	0.00131	130	0.00026	99,101	495,179	0.99849	6,546,924	66.1
15	0.00170	169	0.00034	98,971	494,433	0.99793	6,051,745	61.1
20	0.00243	240	0.00049	98,802	493,412	0.99645	5,557,312	56.2
25	0.00468	461	0.00094	98,562	491,658	0.99497	5,063,900	51.4
30	0.00538	528	0.00108	98,101	489,185	0.99373	4,572,242	46.6
35	0.00716	699	0.00144	97,573	486,118	0.99146	4,083,057	41.8
40	0.00993	962	0.00200	96,874	481,966	0.98717	3,596,939	37.1
45	0.01577	1,512	0.00318	95,912	475,781	0.97736	3,114,973	32.5
50	0.02962	2,796	0.00601	94,400	465,010	0.96338	2,639,192	28.0
55	0.04382	4,014	0.00896	91,604	447,983	0.94269	2,174,183	23.7
60	0.07141	6,255	0.01481	87,589	422,310	0.91052	1,726,200	19.7
65	0.10894	8,861	0.02304	81,335	384,522	0.86511	1,303,889	16.0
70	0.16402	11,887	0.03573	72,474	332,653	0.81141	919,367	12.7
75	0.21798	13,207	0.04893	60,587	269,918	0.53995 <sup>c</sup>	586,714	9.7
80+	1.00000	47,380	0.14956	47,380	316,796	-	316,796	6.7

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>e</sup> Anggaran  
*Estimates*

Jadual 5.7: Jadual hayat ringkas mengikut jantina dan umur, Perak, 2023<sup>e</sup>

Table 5.7: Abridged life table by sex and age, Perak, 2023<sup>e</sup>

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00702	702	0.00707	100,000	99,348	0.99231 <sup>a</sup>	7,331,211	73.3
1	0.00156	155	0.00039	99,298	396,806	0.99860 <sup>b</sup>	7,231,863	72.8
5	0.00102	102	0.00020	99,143	495,461	0.99886	6,835,057	68.9
10	0.00126	125	0.00025	99,041	494,894	0.99806	6,339,596	64.0
15	0.00262	259	0.00052	98,916	493,934	0.99687	5,844,701	59.1
20	0.00364	359	0.00073	98,657	492,389	0.99568	5,350,767	54.2
25	0.00499	491	0.00100	98,298	490,263	0.99409	4,858,378	49.4
30	0.00682	667	0.00137	97,807	487,367	0.99156	4,368,115	44.7
35	0.01006	977	0.00202	97,140	483,255	0.98660	3,880,748	40.0
40	0.01678	1,613	0.00338	96,162	476,779	0.97931	3,397,493	35.3
45	0.02466	2,332	0.00499	94,549	466,916	0.96712	2,920,714	30.9
50	0.04131	3,809	0.00844	92,217	451,564	0.94954	2,453,798	26.6
55	0.06000	5,304	0.01237	88,408	428,779	0.93155	2,002,234	22.6
60	0.07744	6,435	0.01611	83,104	399,430	0.90189	1,573,455	18.9
65	0.12052	9,240	0.02565	76,668	360,241	0.85916	1,174,025	15.3
70	0.16394	11,054	0.03572	67,428	309,505	0.78870	813,784	12.1
75	0.26794	15,105	0.06188	56,374	244,107	0.51593 <sup>c</sup>	504,279	8.9
80+	1.00000	41,269	0.15862	41,269	260,172	-	260,172	6.3
<b>Lelaki</b> <i>Male</i>								
0	0.00783	783	0.00789	100,000	99,268	0.99133 <sup>a</sup>	7,036,018	70.4
1	0.00201	199	0.00050	99,217	396,396	0.99831 <sup>b</sup>	6,936,751	69.9
5	0.00106	105	0.00021	99,018	494,828	0.99874	6,540,355	66.1
10	0.00146	145	0.00029	98,913	494,203	0.99738	6,045,527	61.1
15	0.00378	373	0.00076	98,768	492,909	0.99547	5,551,324	56.2
20	0.00529	520	0.00106	98,395	490,675	0.99424	5,058,415	51.4
25	0.00623	610	0.00125	97,875	487,851	0.99258	4,567,740	46.7
30	0.00861	838	0.00173	97,265	484,232	0.98941	4,079,889	41.9
35	0.01259	1,214	0.00253	96,428	479,104	0.98294	3,595,657	37.3
40	0.02159	2,055	0.00436	95,214	470,931	0.97228	3,116,553	32.7
45	0.03398	3,165	0.00691	93,158	457,879	0.95485	2,645,622	28.4
50	0.05671	5,104	0.01167	89,993	437,206	0.93087	2,187,743	24.3
55	0.08230	6,986	0.01717	84,889	406,982	0.90797	1,750,537	20.6
60	0.10263	7,995	0.02164	77,903	369,528	0.87305	1,343,555	17.2
65	0.15406	10,770	0.03338	69,908	322,615	0.82284	974,027	13.9
70	0.20447	12,092	0.04555	59,138	265,459	0.74914	651,412	11.0
75	0.30916	14,545	0.07314	47,046	198,867	0.48474 <sup>c</sup>	385,953	8.2
80+	1.00000	32,501	0.17372	32,501	187,086	-	187,086	5.8

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>e</sup> Anggaran  
Estimates

Jadual 5.7: Jadual hayat ringkas mengikut jantina dan umur, Perak, 2023<sup>e</sup> (samb.)

Table 5.7: Abridged life table by sex and age, Perak, 2023<sup>e</sup> (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00616	616	0.00619	100,000	99,426	0.99339 <sup>a</sup>	7,668,790	76.7
1	0.00109	108	0.00027	99,384	397,267	0.99887 <sup>b</sup>	7,569,364	76.2
5	0.00099	98	0.00020	99,276	496,134	0.99898	7,172,097	72.2
10	0.00104	104	0.00021	99,178	495,630	0.99880	6,675,963	67.3
15	0.00135	133	0.00027	99,074	495,037	0.99847	6,180,334	62.4
20	0.00171	169	0.00034	98,941	494,282	0.99746	5,685,297	57.5
25	0.00337	333	0.00068	98,772	493,028	0.99609	5,191,015	52.6
30	0.00445	438	0.00089	98,439	491,101	0.99428	4,697,987	47.7
35	0.00701	687	0.00141	98,001	488,290	0.99097	4,206,886	42.9
40	0.01106	1,077	0.00223	97,315	483,881	0.98686	3,718,596	38.2
45	0.01523	1,466	0.00307	96,238	477,525	0.97922	3,234,715	33.6
50	0.02642	2,504	0.00536	94,772	467,601	0.96707	2,757,190	29.1
55	0.03961	3,655	0.00808	92,268	452,202	0.95361	2,289,589	24.8
60	0.05344	4,735	0.01098	88,613	431,227	0.92904	1,837,387	20.7
65	0.08947	7,504	0.01873	83,878	400,628	0.89229	1,406,160	16.8
70	0.12774	9,756	0.02729	76,374	357,478	0.82337	1,005,532	13.2
75	0.23268	15,501	0.05266	66,617	294,336	0.54582 <sup>c</sup>	648,054	9.7
80+	1.00000	51,117	0.14451	51,117	353,719	-	353,719	6.9

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>e</sup> Anggaran  
*Estimates*

Jadual 5.8: Jadual hayat ringkas mengikut jantina dan umur, Perlis, 2023<sup>e</sup>

Table 5.8: Abridged life table by sex and age, Perlis, 2023<sup>e</sup>

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00970	970	0.00979	100,000	99,107	0.98934 <sup>a</sup>	7,138,127	71.4
1	0.00226	224	0.00057	99,030	395,562	0.99858 <sup>b</sup>	7,039,020	71.1
5	0.00027	27	0.00005	98,806	493,964	0.99892	6,643,458	67.2
10	0.00189	186	0.00038	98,779	493,431	0.99715	6,149,493	62.3
15	0.00381	376	0.00076	98,593	492,026	0.99595	5,656,062	57.4
20	0.00428	421	0.00086	98,217	490,035	0.99452	5,164,036	52.6
25	0.00669	654	0.00134	97,797	487,348	0.99112	4,674,001	47.8
30	0.01108	1,077	0.00223	97,142	483,021	0.98806	4,186,653	43.1
35	0.01281	1,230	0.00258	96,066	477,253	0.98633	3,703,633	38.6
40	0.01453	1,378	0.00293	94,835	470,731	0.98127	3,226,379	34.0
45	0.02299	2,148	0.00465	93,457	461,914	0.96766	2,755,649	29.5
50	0.04192	3,828	0.00856	91,309	446,973	0.94297	2,293,735	25.1
55	0.07280	6,369	0.01511	87,481	421,483	0.91567	1,846,761	21.1
60	0.09677	7,849	0.02034	81,112	385,939	0.87811	1,425,279	17.6
65	0.14971	10,968	0.03236	73,263	338,896	0.82322	1,039,340	14.2
70	0.20861	12,995	0.04658	62,295	278,987	0.75859	700,445	11.2
75	0.28286	13,945	0.06589	49,300	211,637	0.49785 <sup>c</sup>	421,458	8.5
80+	1.00000	35,355	0.16850	35,355	209,821	-	209,821	5.9
<b>Lelaki</b> <i>Male</i>								
0	0.01340	1,340	0.01356	100,000	98,769	0.98584 <sup>a</sup>	6,842,099	68.4
1	0.00207	205	0.00052	98,660	394,153	0.99842 <sup>b</sup>	6,743,330	68.3
5	0.00056	55	0.00011	98,456	492,142	0.99834	6,349,177	64.5
10	0.00276	271	0.00055	98,401	491,326	0.99546	5,857,035	59.5
15	0.00633	621	0.00127	98,129	489,093	0.99364	5,365,710	54.7
20	0.00639	623	0.00128	97,508	485,981	0.99245	4,876,616	50.0
25	0.00872	845	0.00175	96,884	482,311	0.98910	4,390,635	45.3
30	0.01310	1,258	0.00264	96,040	477,054	0.98457	3,908,325	40.7
35	0.01779	1,686	0.00359	94,782	469,694	0.98207	3,431,270	36.2
40	0.01806	1,681	0.00365	93,096	461,275	0.97229	2,961,576	31.8
45	0.03754	3,432	0.00765	91,414	448,491	0.95470	2,500,301	27.4
50	0.05335	4,694	0.01096	87,982	428,177	0.92630	2,051,810	23.3
55	0.09521	7,929	0.01999	83,288	396,619	0.89609	1,623,633	19.5
60	0.11352	8,555	0.02407	75,359	355,407	0.85549	1,227,014	16.3
65	0.17947	11,989	0.03943	66,804	304,046	0.78797	871,607	13.0
70	0.25170	13,797	0.05759	54,815	239,580	0.72248	567,561	10.4
75	0.31201	12,798	0.07394	41,018	173,092	0.47225 <sup>c</sup>	327,981	8.0
80+	1.00000	28,219	0.18219	28,219	154,889	-	154,889	5.5

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>e</sup> Anggaran  
Estimates

Jadual 5.8: Jadual hayat ringkas mengikut jantina dan umur, Perlis, 2023<sup>e</sup> (samb.)

Table 5.8: Abridged life table by sex and age, Perlis, 2023<sup>e</sup> (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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00619	619	0.00623	100,000	99,423	0.99271 <sup>a</sup>	7,428,381	74.3
1	0.00239	237	0.00060	99,381	396,934	0.99871 <sup>b</sup>	7,328,957	73.7
5	0.00000	-	0.00000	99,144	495,718	0.99948	6,932,024	69.9
10	0.00104	103	0.00021	99,144	495,460	0.99885	6,436,306	64.9
15	0.00126	124	0.00025	99,041	494,892	0.99823	5,940,845	60.0
20	0.00229	227	0.00046	98,916	494,014	0.99655	5,445,954	55.1
25	0.00460	454	0.00092	98,689	492,312	0.99326	4,951,939	50.2
30	0.00889	874	0.00179	98,235	488,992	0.99163	4,459,628	45.4
35	0.00783	762	0.00157	97,362	484,901	0.99117	3,970,636	40.8
40	0.00985	951	0.00198	96,599	480,618	0.98833	3,485,734	36.1
45	0.01351	1,293	0.00272	95,648	475,009	0.97711	3,005,117	31.4
50	0.03240	3,057	0.00659	94,355	464,135	0.95802	2,530,108	26.8
55	0.05188	4,737	0.01065	91,299	444,651	0.93382	2,065,973	22.6
60	0.08126	7,034	0.01694	86,562	415,224	0.89747	1,621,322	18.7
65	0.12567	9,994	0.02682	79,528	372,652	0.85056	1,206,098	15.2
70	0.17662	12,281	0.03875	69,533	316,964	0.78397	833,446	12.0
75	0.26390	15,109	0.06080	57,252	248,490	0.51888 <sup>c</sup>	516,482	9.0
80+	1.00000	42,144	0.15726	42,144	267,991	-	267,991	6.4

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>e</sup> Anggaran  
*Estimates*

Jadual 5.9: Jadual hayat ringkas mengikut jantina dan umur, Pulau Pinang, 2023<sup>o</sup>

Table 5.9: Abridged life table by sex and age, Pulau Pinang, 2023<sup>o</sup>

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	$nq_x$	$n d_x$	$n m_x$	$l_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00541	541	0.00544	100,000	99,495	0.99416 <sup>a</sup>	7,438,098	74.4
1	0.00101	101	0.00025	99,459	397,585	0.99915 <sup>b</sup>	7,338,603	73.8
5	0.00053	53	0.00011	99,358	496,659	0.99909	6,941,018	69.9
10	0.00130	129	0.00026	99,306	496,206	0.99778	6,444,359	64.9
15	0.00314	311	0.00063	99,177	495,106	0.99694	5,948,153	60.0
20	0.00299	295	0.00060	98,866	493,590	0.99684	5,453,047	55.2
25	0.00334	329	0.00067	98,570	492,028	0.99622	4,959,457	50.3
30	0.00423	415	0.00085	98,241	490,167	0.99447	4,467,429	45.5
35	0.00683	668	0.00137	97,826	487,457	0.99077	3,977,262	40.7
40	0.01164	1,131	0.00234	97,157	482,959	0.98428	3,489,805	35.9
45	0.01984	1,905	0.00401	96,026	475,369	0.97529	3,006,846	31.3
50	0.02968	2,794	0.00603	94,121	463,623	0.96338	2,531,476	26.9
55	0.04376	3,997	0.00895	91,328	446,647	0.94250	2,067,854	22.6
60	0.07187	6,277	0.01491	87,331	420,963	0.91597	1,621,207	18.6
65	0.09713	7,873	0.02042	81,054	385,589	0.86001	1,200,244	14.8
70	0.18746	13,718	0.04137	73,181	331,611	0.73996	814,655	11.1
75	0.34937	20,774	0.08466	59,463	245,379	0.49202 <sup>c</sup>	483,044	8.1
80+	1.00000	38,689	0.16279	38,689	237,665	-	237,665	6.1
<b>Lelaki</b> <i>Male</i>								
0	0.00630	630	0.00634	100,000	99,408	0.99329 <sup>a</sup>	7,186,117	71.9
1	0.00103	102	0.00026	99,370	397,236	0.99925 <sup>b</sup>	7,086,709	71.3
5	0.00026	26	0.00005	99,267	496,272	0.99915	6,689,473	67.4
10	0.00144	143	0.00029	99,242	495,850	0.99682	6,193,201	62.4
15	0.00491	487	0.00099	99,099	494,276	0.99520	5,697,350	57.5
20	0.00469	463	0.00094	98,612	491,902	0.99529	5,203,074	52.8
25	0.00473	464	0.00095	98,149	489,585	0.99485	4,711,173	48.0
30	0.00558	545	0.00112	97,685	487,064	0.99242	4,221,588	43.2
35	0.00960	932	0.00193	97,140	483,370	0.98738	3,734,524	38.4
40	0.01568	1,508	0.00316	96,208	477,269	0.97863	3,251,154	33.8
45	0.02715	2,571	0.00550	94,700	467,071	0.96633	2,773,885	29.3
50	0.04038	3,720	0.00824	92,129	451,344	0.94952	2,306,814	25.0
55	0.06100	5,393	0.01258	88,409	428,562	0.92533	1,855,470	21.0
60	0.08923	7,408	0.01868	83,016	396,560	0.89723	1,426,909	17.2
65	0.11764	8,895	0.02500	75,608	355,804	0.83496	1,030,348	13.6
70	0.21876	14,594	0.04912	66,713	297,082	0.69455	674,544	10.1
75	0.41641	21,703	0.10518	52,119	206,339	0.45335 <sup>c</sup>	377,462	7.2
80+	1.00000	30,416	0.17775	30,416	171,123	-	171,123	5.6

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>e</sup> Anggaran  
Estimates

Jadual 5.9: Jadual hayat ringkas mengikut jantina dan umur, Pulau Pinang, 2023<sup>e</sup> (samb.)

Table 5.9: Abridged life table by sex and age, Pulau Pinang, 2023<sup>e</sup> (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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00447	447	0.00449	100,000	99,581	0.99510 <sup>a</sup>	7,723,922	77.2
1	0.00098	98	0.00025	99,553	397,969	0.99905 <sup>b</sup>	7,624,341	76.6
5	0.00080	80	0.00016	99,455	497,076	0.99903	7,226,372	72.7
10	0.00113	112	0.00023	99,375	496,595	0.99881	6,729,296	67.7
15	0.00126	125	0.00025	99,263	496,001	0.99876	6,232,701	62.8
20	0.00121	120	0.00024	99,138	495,388	0.99852	5,736,700	57.9
25	0.00174	172	0.00035	99,017	494,657	0.99771	5,241,312	52.9
30	0.00284	281	0.00057	98,845	493,524	0.99656	4,746,655	48.0
35	0.00405	399	0.00081	98,564	491,824	0.99431	4,253,131	43.2
40	0.00735	721	0.00148	98,165	489,024	0.99028	3,761,307	38.3
45	0.01211	1,180	0.00244	97,444	484,270	0.98469	3,272,283	33.6
50	0.01854	1,785	0.00374	96,264	476,858	0.97751	2,788,013	29.0
55	0.02652	2,505	0.00537	94,479	466,132	0.95988	2,311,155	24.5
60	0.05410	4,976	0.01112	91,974	447,429	0.93456	1,845,023	20.1
65	0.07743	6,736	0.01611	86,998	418,149	0.88409	1,397,594	16.1
70	0.15762	12,651	0.03422	80,262	369,682	0.78069	979,445	12.2
75	0.29256	19,780	0.06854	67,611	288,605	0.52669 <sup>c</sup>	609,764	9.0
80+	1.00000	47,831	0.14893	47,831	321,158	-	321,158	6.7

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>e</sup> Anggaran  
*Estimates*

Jadual 5.10: Jadual hayat ringkas mengikut jantina dan umur, Sabah, 2023<sup>e</sup>

Table 5.10: Abridged life table by sex and age, Sabah, 2023<sup>e</sup>

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00806	806	0.00812	100,000	99,254	0.99122 <sup>a</sup>	7,405,054	74.1
1	0.00170	169	0.00043	99,194	396,357	0.99853 <sup>b</sup>	7,305,800	73.7
5	0.00100	99	0.00020	99,026	494,880	0.99897	6,909,443	69.8
10	0.00106	105	0.00021	98,927	494,370	0.99883	6,414,563	64.8
15	0.00128	127	0.00026	98,822	493,790	0.99817	5,920,192	59.9
20	0.00237	234	0.00048	98,695	492,887	0.99734	5,426,402	55.0
25	0.00294	289	0.00059	98,460	491,578	0.99618	4,933,515	50.1
30	0.00471	462	0.00094	98,171	489,699	0.99379	4,441,937	45.2
35	0.00772	755	0.00155	97,709	486,656	0.98968	3,952,238	40.4
40	0.01293	1,254	0.00260	96,954	481,635	0.98138	3,465,582	35.7
45	0.02439	2,334	0.00494	95,700	472,666	0.96784	2,983,947	31.2
50	0.04012	3,746	0.00819	93,366	457,466	0.94775	2,511,282	26.9
55	0.06489	5,815	0.01341	89,620	433,564	0.91908	2,053,816	22.9
60	0.09806	8,218	0.02062	83,805	398,481	0.90377	1,620,252	19.3
65	0.09419	7,120	0.01977	75,587	360,137	0.88148	1,221,771	16.2
70	0.14537	9,953	0.03135	68,467	317,454	0.80932	861,634	12.6
75	0.24369	14,259	0.05550	58,514	256,923	0.52787 <sup>c</sup>	544,179	9.3
80+	1.00000	44,255	0.15406	44,255	287,256	-	287,256	6.5
<b>Lelaki</b> <i>Male</i>								
0	0.00903	903	0.00911	100,000	99,159	0.99032 <sup>a</sup>	7,219,648	72.2
1	0.00163	162	0.00041	99,097	396,003	0.99849 <sup>b</sup>	7,120,490	71.9
5	0.00105	104	0.00021	98,935	494,415	0.99888	6,724,487	68.0
10	0.00119	118	0.00024	98,831	493,861	0.99866	6,230,072	63.0
15	0.00149	147	0.00030	98,713	493,199	0.99771	5,736,211	58.1
20	0.00309	304	0.00062	98,566	492,070	0.99652	5,243,012	53.2
25	0.00387	381	0.00078	98,262	490,358	0.99499	4,750,942	48.3
30	0.00615	602	0.00123	97,881	487,902	0.99214	4,260,584	43.5
35	0.00958	932	0.00193	97,280	484,068	0.98716	3,772,682	38.8
40	0.01613	1,554	0.00325	96,347	477,852	0.97724	3,288,614	34.1
45	0.02950	2,796	0.00599	94,793	466,975	0.96167	2,810,762	29.7
50	0.04742	4,363	0.00971	91,997	449,078	0.93842	2,343,787	25.5
55	0.07644	6,699	0.01590	87,634	421,425	0.90396	1,894,709	21.6
60	0.11727	9,492	0.02492	80,936	380,949	0.88564	1,473,285	18.2
65	0.11106	7,934	0.02352	71,444	337,384	0.86354	1,092,336	15.3
70	0.16503	10,481	0.03597	63,510	291,346	0.78441	754,951	11.9
75	0.27615	14,644	0.06408	53,029	228,534	0.50705 <sup>c</sup>	463,605	8.7
80+	1.00000	38,385	0.16329	38,385	235,071	-	235,071	6.1

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>e</sup> Anggaran  
Estimates

Jadual 5.10: Jadual hayat ringkas mengikut jantina dan umur, Sabah, 2023<sup>e</sup> (samb.)

Table 5.10: Abridged life table by sex and age, Sabah, 2023<sup>e</sup> (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00703	703	0.00707	100,000	99,347	0.99220 <sup>a</sup>	7,627,574	76.3
1	0.00177	176	0.00044	99,297	396,752	0.99854 <sup>b</sup>	7,528,227	75.8
5	0.00094	94	0.00019	99,122	495,375	0.99906	7,131,474	71.9
10	0.00093	92	0.00019	99,028	494,911	0.99901	6,636,100	67.0
15	0.00105	104	0.00021	98,936	494,421	0.99869	6,141,189	62.1
20	0.00157	155	0.00031	98,832	493,772	0.99826	5,646,769	57.1
25	0.00191	188	0.00038	98,677	492,913	0.99748	5,152,997	52.2
30	0.00314	309	0.00063	98,489	491,670	0.99556	4,660,084	47.3
35	0.00575	564	0.00115	98,179	489,487	0.99243	4,168,414	42.5
40	0.00941	919	0.00189	97,615	485,780	0.98589	3,678,927	37.7
45	0.01885	1,823	0.00381	96,697	478,926	0.97457	3,193,147	33.0
50	0.03213	3,048	0.00653	94,874	466,747	0.95794	2,714,221	28.6
55	0.05232	4,804	0.01075	91,825	447,115	0.93603	2,247,474	24.5
60	0.07625	6,636	0.01586	87,021	418,515	0.92402	1,800,359	20.7
65	0.07568	6,084	0.01573	80,385	386,716	0.90111	1,381,844	17.2
70	0.12399	9,213	0.02644	74,301	348,475	0.83505	995,128	13.4
75	0.21172	13,780	0.04736	65,089	290,993	0.55000 <sup>c</sup>	646,652	9.9
80+	1.00000	51,308	0.14426	51,308	355,659	-	355,659	6.9

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>e</sup> Anggaran  
*Estimates*

Jadual 5.11: Jadual hayat ringkas mengikut jantina dan umur, Sarawak, 2023<sup>e</sup>

Table 5.11: Abridged life table by sex and age, Sarawak, 2023<sup>e</sup>

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00603	603	0.00606	100,000	99,438	0.99303 <sup>a</sup>	7,492,633	74.9
1	0.00208	206	0.00052	99,397	397,077	0.99825 <sup>b</sup>	7,393,195	74.4
5	0.00125	124	0.00025	99,191	495,645	0.99874	6,996,118	70.5
10	0.00127	125	0.00025	99,067	495,021	0.99765	6,500,474	65.6
15	0.00343	340	0.00069	98,941	493,858	0.99615	6,005,453	60.7
20	0.00426	420	0.00085	98,602	491,957	0.99535	5,511,595	55.9
25	0.00504	495	0.00101	98,181	489,669	0.99391	5,019,638	51.1
30	0.00716	699	0.00144	97,687	486,686	0.99175	4,529,969	46.4
35	0.00936	907	0.00188	96,988	482,670	0.98767	4,043,283	41.7
40	0.01533	1,473	0.00309	96,080	476,719	0.98084	3,560,614	37.1
45	0.02306	2,182	0.00467	94,607	467,583	0.97234	3,083,895	32.6
50	0.03236	2,991	0.00658	92,426	454,652	0.96289	2,616,312	28.3
55	0.04202	3,758	0.00858	89,435	437,780	0.94998	2,161,660	24.2
60	0.05838	5,002	0.01203	85,677	415,880	0.92463	1,723,881	20.1
65	0.09341	7,536	0.01960	80,675	384,537	0.88494	1,308,001	16.2
70	0.13894	10,162	0.02986	73,140	340,293	0.80498	923,464	12.6
75	0.26016	16,384	0.05981	62,978	273,927	0.53028 <sup>c</sup>	583,172	9.3
80+	1.00000	46,593	0.15067	46,593	309,244	-	309,244	6.6
<b>Lelaki</b> <i>Male</i>								
0	0.00640	640	0.00644	100,000	99,399	0.99255 <sup>a</sup>	7,257,398	72.6
1	0.00240	239	0.00060	99,360	396,874	0.99792 <sup>b</sup>	7,157,999	72.0
5	0.00147	146	0.00030	99,121	495,240	0.99857	6,761,125	68.2
10	0.00139	138	0.00028	98,975	494,531	0.99701	6,265,885	63.3
15	0.00459	454	0.00092	98,837	493,053	0.99475	5,771,354	58.4
20	0.00591	582	0.00119	98,384	490,464	0.99361	5,278,301	53.7
25	0.00687	672	0.00138	97,802	487,332	0.99181	4,787,836	49.0
30	0.00953	926	0.00191	97,131	483,339	0.98912	4,300,505	44.3
35	0.01224	1,178	0.00246	96,205	478,081	0.98373	3,817,166	39.7
40	0.02034	1,933	0.00411	95,027	470,305	0.97511	3,339,085	35.1
45	0.02954	2,750	0.00600	93,095	458,597	0.96368	2,868,780	30.8
50	0.04330	3,912	0.00885	90,344	441,942	0.95233	2,410,182	26.7
55	0.05225	4,516	0.01073	86,432	420,873	0.93674	1,968,240	22.8
60	0.07488	6,134	0.01556	81,917	394,249	0.90808	1,547,367	18.9
65	0.11033	8,361	0.02336	75,783	358,011	0.86479	1,153,119	15.2
70	0.16317	11,001	0.03553	67,421	309,604	0.77530	795,108	11.8
75	0.29823	16,826	0.07010	56,420	240,036	0.50559 <sup>c</sup>	485,503	8.6
80+	1.00000	39,594	0.16130	39,594	245,468	-	245,468	6.2

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>e</sup> Anggaran  
Estimates

Jadual 5.11: Jadual hayat ringkas mengikut jantina dan umur, Sarawak, 2023<sup>e</sup> (samb.)

Table 5.11: Abridged life table by sex and age, Sarawak, 2023<sup>e</sup> (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00563	563	0.00566	100,000	99,474	0.99359 <sup>a</sup>	7,763,581	77.6
1	0.00173	172	0.00043	99,437	397,320	0.99855 <sup>b</sup>	7,664,106	77.1
5	0.00102	101	0.00020	99,265	496,073	0.99893	7,266,786	73.2
10	0.00113	112	0.00023	99,164	495,541	0.99835	6,770,713	68.3
15	0.00216	214	0.00043	99,052	494,725	0.99772	6,275,172	63.4
20	0.00241	238	0.00048	98,838	493,595	0.99733	5,780,447	58.5
25	0.00294	290	0.00059	98,600	492,275	0.99633	5,286,852	53.6
30	0.00440	432	0.00088	98,310	490,469	0.99477	4,794,576	48.8
35	0.00606	593	0.00121	97,878	487,906	0.99206	4,304,107	44.0
40	0.00984	958	0.00198	97,285	484,030	0.98691	3,816,201	39.2
45	0.01637	1,577	0.00330	96,327	477,693	0.98123	3,332,170	34.6
50	0.02121	2,010	0.00429	94,750	468,725	0.97365	2,854,477	30.1
55	0.03161	2,931	0.00642	92,740	456,373	0.96344	2,385,752	25.7
60	0.04167	3,742	0.00851	89,809	439,689	0.94130	1,929,379	21.5
65	0.07647	6,581	0.01590	86,067	413,880	0.90503	1,489,690	17.3
70	0.11500	9,141	0.02440	79,485	374,575	0.83348	1,075,810	13.5
75	0.22473	15,809	0.05064	70,345	312,202	0.55478 <sup>c</sup>	701,235	10.0
80+	1.00000	54,536	0.14018	54,536	389,033	-	389,033	7.1

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>e</sup> Anggaran  
*Estimates*

Jadual 5.12: Jadual hayat ringkas mengikut jantina dan umur, Selangor, 2023<sup>e</sup>

Table 5.12: Abridged life table by sex and age, Selangor, 2023<sup>e</sup>

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00590	590	0.00593	100,000	99,450	0.99363 <sup>a</sup>	7,805,265	78.1
1	0.00112	112	0.00028	99,410	397,363	0.99898 <sup>b</sup>	7,705,815	77.5
5	0.00075	75	0.00015	99,298	496,305	0.99922	7,308,452	73.6
10	0.00081	80	0.00016	99,224	495,918	0.99845	6,812,147	68.7
15	0.00228	227	0.00046	99,144	495,151	0.99736	6,316,229	63.7
20	0.00299	296	0.00060	98,917	493,845	0.99689	5,821,078	58.8
25	0.00323	318	0.00065	98,621	492,309	0.99650	5,327,233	54.0
30	0.00378	372	0.00076	98,303	490,584	0.99540	4,834,923	49.2
35	0.00542	531	0.00109	97,931	488,329	0.99283	4,344,339	44.4
40	0.00892	869	0.00179	97,400	484,829	0.98769	3,856,010	39.6
45	0.01572	1,517	0.00317	96,531	478,862	0.97984	3,371,182	34.9
50	0.02467	2,344	0.00500	95,014	469,208	0.96898	2,892,320	30.4
55	0.03753	3,478	0.00765	92,670	454,654	0.95291	2,423,112	26.1
60	0.05702	5,086	0.01174	89,192	433,244	0.93364	1,968,458	22.1
65	0.07627	6,414	0.01586	84,106	404,492	0.91107	1,535,215	18.3
70	0.10263	7,974	0.02164	77,691	368,522	0.87473	1,130,722	14.6
75	0.15050	10,492	0.03255	69,718	322,358	0.57707 <sup>c</sup>	762,200	10.9
80+	1.00000	59,225	0.13465	59,225	439,842	-	439,842	7.4
<b>Lelaki</b> <i>Male</i>								
0	0.00656	656	0.00660	100,000	99,384	0.99294 <sup>a</sup>	7,612,956	76.1
1	0.00124	123	0.00031	99,344	397,085	0.99881 <sup>b</sup>	7,513,572	75.6
5	0.00090	90	0.00018	99,221	495,880	0.99910	7,116,487	71.7
10	0.00090	90	0.00018	99,131	495,431	0.99797	6,620,608	66.8
15	0.00316	313	0.00063	99,041	494,425	0.99634	6,125,176	61.8
20	0.00416	410	0.00083	98,728	492,616	0.99589	5,630,752	57.0
25	0.00406	400	0.00081	98,318	490,591	0.99552	5,138,135	52.3
30	0.00490	479	0.00098	97,918	488,394	0.99398	4,647,544	47.5
35	0.00715	696	0.00143	97,439	485,454	0.99057	4,159,150	42.7
40	0.01173	1,135	0.00236	96,743	480,875	0.98427	3,673,696	38.0
45	0.01976	1,890	0.00399	95,607	473,313	0.97437	3,192,821	33.4
50	0.03162	2,964	0.00643	93,718	461,180	0.96069	2,719,508	29.0
55	0.04724	4,287	0.00968	90,754	443,053	0.94195	2,258,327	24.9
60	0.06939	6,000	0.01438	86,467	417,336	0.91959	1,815,274	21.0
65	0.09225	7,423	0.01934	80,467	383,779	0.89637	1,397,938	17.4
70	0.11615	8,484	0.02466	73,044	344,010	0.85618	1,014,159	13.9
75	0.17513	11,306	0.03839	64,560	294,533	0.56050 <sup>c</sup>	670,150	10.4
80+	1.00000	53,254	0.14178	53,254	375,616	-	375,616	7.1

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>e</sup> Anggaran  
Estimates

Jadual 5.12: Jadual hayat ringkas mengikut jantina dan umur, Selangor, 2023<sup>e</sup> (samb.)

Table 5.12: Abridged life table by sex and age, Selangor, 2023<sup>e</sup> (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00518	518	0.00520	100,000	99,516	0.99440 <sup>a</sup>	8,033,257	80.3
1	0.00100	99	0.00025	99,482	397,682	0.99913 <sup>b</sup>	7,933,741	79.8
5	0.00060	59	0.00012	99,383	496,767	0.99935	7,536,059	75.8
10	0.00070	70	0.00014	99,324	496,445	0.99898	7,039,292	70.9
15	0.00134	133	0.00027	99,254	495,938	0.99861	6,542,847	65.9
20	0.00143	142	0.00029	99,121	495,250	0.99826	6,046,909	61.0
25	0.00205	203	0.00041	98,979	494,387	0.99774	5,551,659	56.1
30	0.00247	244	0.00049	98,776	493,269	0.99699	5,057,271	51.2
35	0.00355	350	0.00071	98,532	491,784	0.99534	4,564,002	46.3
40	0.00577	566	0.00116	98,182	489,493	0.99163	4,072,217	41.5
45	0.01098	1,072	0.00221	97,615	485,398	0.98606	3,582,724	36.7
50	0.01693	1,635	0.00342	96,544	478,631	0.97819	3,097,326	32.1
55	0.02678	2,541	0.00543	94,909	468,191	0.96511	2,618,695	27.6
60	0.04322	3,992	0.00884	92,367	451,856	0.94903	2,150,504	23.3
65	0.05906	5,219	0.01217	88,375	428,826	0.92645	1,698,648	19.2
70	0.08896	7,397	0.01862	83,156	397,285	0.89206	1,269,822	15.3
75	0.12877	9,755	0.02753	75,758	354,403	0.59382 <sup>c</sup>	872,537	11.5
80+	1.00000	66,003	0.12739	66,003	518,134	-	518,134	7.9

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>e</sup> Anggaran  
*Estimates*

Jadual 5.13: Jadual hayat ringkas mengikut jantina dan umur, Terengganu, 2023 <sup>o</sup>

Table 5.13: Abridged life table by sex and age, Terengganu, 2023 <sup>o</sup>

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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00650	650	0.00654	100,000	99,395	0.99253 <sup>a</sup>	7,119,128	71.2
1	0.00216	214	0.00054	99,350	396,868	0.99823 <sup>b</sup>	7,019,733	70.7
5	0.00119	118	0.00024	99,136	495,386	0.99839	6,622,864	66.8
10	0.00203	201	0.00041	99,018	494,589	0.99759	6,127,479	61.9
15	0.00280	277	0.00056	98,818	493,395	0.99623	5,632,889	57.0
20	0.00473	466	0.00095	98,540	491,537	0.99506	5,139,494	52.2
25	0.00514	504	0.00103	98,074	489,110	0.99350	4,647,957	47.4
30	0.00785	766	0.00158	97,570	485,934	0.98975	4,158,847	42.6
35	0.01267	1,227	0.00255	96,804	480,951	0.98430	3,672,913	37.9
40	0.01876	1,793	0.00379	95,577	473,401	0.97634	3,191,962	33.4
45	0.02865	2,687	0.00581	93,784	462,200	0.96385	2,718,561	29.0
50	0.04386	3,995	0.00897	91,096	445,493	0.94563	2,256,361	24.8
55	0.06537	5,694	0.01352	87,101	421,271	0.91687	1,810,868	20.8
60	0.10213	8,314	0.02153	81,407	386,252	0.87960	1,389,597	17.1
65	0.14076	10,288	0.03028	73,093	339,745	0.83062	1,003,345	13.7
70	0.20270	12,731	0.04511	62,805	282,198	0.72102	663,600	10.6
75	0.37465	18,760	0.09220	50,074	203,471	0.46652 <sup>c</sup>	381,402	7.6
80+	1.00000	31,314	0.17599	31,314	177,931	-	177,931	5.7
<b>Lelaki</b> <i>Male</i>								
0	0.00757	757	0.00762	100,000	99,292	0.99147 <sup>a</sup>	6,917,027	69.2
1	0.00225	223	0.00056	99,243	396,444	0.99819 <sup>b</sup>	6,817,735	68.7
5	0.00105	104	0.00021	99,020	494,840	0.99846	6,421,291	64.8
10	0.00204	201	0.00041	98,916	494,077	0.99694	5,926,451	59.9
15	0.00410	404	0.00082	98,715	492,562	0.99466	5,432,375	55.0
20	0.00659	648	0.00132	98,310	489,932	0.99343	4,939,812	50.2
25	0.00654	639	0.00131	97,662	486,715	0.99267	4,449,881	45.6
30	0.00812	788	0.00163	97,024	483,147	0.98788	3,963,166	40.8
35	0.01615	1,555	0.00326	96,235	477,290	0.97980	3,480,018	36.2
40	0.02431	2,302	0.00492	94,681	467,649	0.97089	3,002,729	31.7
45	0.03403	3,143	0.00692	92,379	454,037	0.95730	2,535,079	27.4
50	0.05169	4,612	0.01061	89,236	434,648	0.93196	2,081,042	23.3
55	0.08529	7,217	0.01782	84,623	405,074	0.90098	1,646,394	19.5
60	0.11404	8,828	0.02419	77,406	364,962	0.86203	1,241,319	16.0
65	0.16497	11,313	0.03596	68,579	314,610	0.80573	876,357	12.8
70	0.22936	13,134	0.05181	57,265	253,491	0.68520	561,747	9.8
75	0.42567	18,785	0.10815	44,131	173,692	0.43653 <sup>c</sup>	308,257	7.0
80+	1.00000	25,346	0.18836	25,346	134,564	-	134,564	5.3

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>e</sup> Anggaran  
*Estimates*

Jadual 5.13: Jadual hayat ringkas mengikut jantina dan umur, Terengganu, 2023<sup>e</sup> (samb.)

Table 5.13: Abridged life table by sex and age, Terengganu, 2023<sup>e</sup> (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00536	536	0.00538	100,000	99,500	0.99370 <sup>a</sup>	7,331,408	73.3
1	0.00206	205	0.00051	99,464	397,349	0.99823 <sup>b</sup>	7,231,908	72.7
5	0.00133	132	0.00027	99,260	495,970	0.99833	6,834,558	68.9
10	0.00202	200	0.00040	99,128	495,140	0.99828	6,338,588	63.9
15	0.00143	141	0.00029	98,928	494,286	0.99791	5,843,448	59.1
20	0.00274	271	0.00055	98,787	493,256	0.99683	5,349,161	54.1
25	0.00360	355	0.00072	98,516	491,692	0.99442	4,855,906	49.3
30	0.00757	743	0.00152	98,161	488,947	0.99182	4,364,214	44.5
35	0.00878	856	0.00176	97,418	484,949	0.98940	3,875,267	39.8
40	0.01244	1,201	0.00250	96,562	479,807	0.98216	3,390,318	35.1
45	0.02331	2,223	0.00472	95,361	471,247	0.97011	2,910,511	30.5
50	0.03662	3,411	0.00746	93,138	457,163	0.95829	2,439,264	26.2
55	0.04700	4,217	0.00963	89,727	438,093	0.93105	1,982,101	22.1
60	0.09198	7,865	0.01928	85,510	407,886	0.89499	1,544,008	18.1
65	0.11935	9,267	0.02538	77,645	365,056	0.85200	1,136,122	14.6
70	0.18054	12,345	0.03969	68,378	311,027	0.75080	771,066	11.3
75	0.33299	18,659	0.07990	56,033	233,518	0.49240 <sup>c</sup>	460,040	8.2
80+	1.00000	37,374	0.16499	37,374	226,522	-	226,522	6.1

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>e</sup> Anggaran  
*Estimates*

Jadual 5.14: Jadual hayat ringkas mengikut jantina dan umur, W.P. Kuala Lumpur, 2023 °

Table 5.14: Abridged life table by sex and age, W.P. Kuala Lumpur, 2023 °

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00607	607	0.00610	100,000	99,435	0.99335 <sup>a</sup>	7,654,464	76.5
1	0.00135	135	0.00034	99,393	397,239	0.99883 <sup>b</sup>	7,555,029	76.0
5	0.00082	81	0.00016	99,259	496,092	0.99917	7,157,790	72.1
10	0.00084	84	0.00017	99,178	495,681	0.99888	6,661,698	67.2
15	0.00140	138	0.00028	99,094	495,126	0.99764	6,166,017	62.2
20	0.00333	330	0.00067	98,956	493,956	0.99675	5,670,891	57.3
25	0.00317	313	0.00064	98,626	492,350	0.99694	5,176,935	52.5
30	0.00295	290	0.00059	98,313	490,842	0.99634	4,684,585	47.6
35	0.00437	429	0.00088	98,023	489,045	0.99474	4,193,743	42.8
40	0.00616	601	0.00124	97,595	486,470	0.99140	3,704,699	38.0
45	0.01105	1,072	0.00222	96,993	482,287	0.98172	3,218,229	33.2
50	0.02558	2,454	0.00518	95,921	473,472	0.96278	2,735,942	28.5
55	0.04916	4,595	0.01008	93,467	455,850	0.94068	2,262,469	24.2
60	0.07000	6,221	0.01451	88,872	428,809	0.90680	1,806,620	20.3
65	0.11814	9,764	0.02511	82,651	388,845	0.87711	1,377,811	16.7
70	0.12827	9,349	0.02741	72,887	341,061	0.84480	988,966	13.6
75	0.18609	11,824	0.04104	63,538	288,128	0.55529 <sup>c</sup>	647,905	10.2
80+	1.00000	51,714	0.14374	51,714	359,777	-	359,777	7.0
<b>Lelaki</b> <i>Male</i>								
0	0.00702	702	0.00707	100,000	99,342	0.99244 <sup>a</sup>	7,435,110	74.4
1	0.00133	132	0.00033	99,298	396,879	0.99870 <sup>b</sup>	7,335,769	73.9
5	0.00103	102	0.00021	99,166	495,575	0.99910	6,938,889	70.0
10	0.00076	76	0.00015	99,064	495,130	0.99867	6,443,315	65.0
15	0.00190	188	0.00038	98,988	494,471	0.99665	5,948,185	60.1
20	0.00480	474	0.00096	98,800	492,815	0.99554	5,453,715	55.2
25	0.00412	405	0.00083	98,326	490,617	0.99616	4,960,900	50.5
30	0.00357	350	0.00072	97,921	488,731	0.99546	4,470,283	45.7
35	0.00551	538	0.00111	97,571	486,512	0.99334	3,981,552	40.8
40	0.00781	758	0.00157	97,033	483,273	0.98912	3,495,039	36.0
45	0.01398	1,346	0.00282	96,276	478,013	0.97723	3,011,767	31.3
50	0.03168	3,008	0.00644	94,929	467,128	0.95215	2,533,754	26.7
55	0.06454	5,932	0.01334	91,922	444,778	0.92313	2,066,626	22.5
60	0.09005	7,743	0.01886	85,989	410,590	0.88389	1,621,848	18.9
65	0.14475	11,327	0.03121	78,246	362,916	0.84933	1,211,259	15.5
70	0.15759	10,546	0.03421	66,920	308,235	0.81705	848,343	12.7
75	0.21305	12,010	0.04769	56,374	251,844	0.53371 <sup>c</sup>	540,108	9.6
80+	1.00000	44,364	0.15390	44,364	288,264	-	288,264	6.5

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>e</sup> Anggaran  
Estimates

Jadual 5.14: Jadual hayat ringkas mengikut jantina dan umur, W.P. Kuala Lumpur, 2023 <sup>o</sup> (samb.)

Table 5.14: Abridged life table by sex and age, W.P. Kuala Lumpur, 2023 <sup>o</sup> (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.00505	505	0.00507	100,000	99,528	0.99434 <sup>a</sup>	7,910,105	79.1
1	0.00138	137	0.00035	99,495	397,640	0.99894 <sup>b</sup>	7,810,577	78.5
5	0.00059	58	0.00012	99,358	496,643	0.99924	7,412,937	74.6
10	0.00093	93	0.00019	99,299	496,266	0.99911	6,916,294	69.7
15	0.00085	84	0.00017	99,207	495,824	0.99881	6,420,028	64.7
20	0.00154	152	0.00031	99,123	495,232	0.99825	5,924,204	59.8
25	0.00196	194	0.00039	98,970	494,367	0.99792	5,428,972	54.9
30	0.00221	218	0.00044	98,777	493,339	0.99742	4,934,604	50.0
35	0.00296	292	0.00059	98,559	492,064	0.99644	4,441,266	45.1
40	0.00417	409	0.00083	98,267	490,311	0.99414	3,949,202	40.2
45	0.00756	740	0.00152	97,858	487,439	0.98696	3,458,891	35.3
50	0.01856	1,803	0.00375	97,118	481,083	0.97412	2,971,452	30.6
55	0.03333	3,177	0.00678	95,315	468,635	0.95843	2,490,369	26.1
60	0.05009	4,615	0.01028	92,138	449,154	0.92958	2,021,734	21.9
65	0.09182	8,036	0.01925	87,523	417,525	0.90418	1,572,580	18.0
70	0.10022	7,966	0.02110	79,487	377,519	0.87107	1,155,055	14.5
75	0.16084	11,504	0.03498	71,521	328,844	0.57707 <sup>c</sup>	777,537	10.9
80+	1.00000	60,017	0.13376	60,017	448,692	-	448,692	7.5

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>e</sup> Anggaran  
*Estimates*

Jadual 5.15: Jadual hayat ringkas mengikut jantina dan umur, W.P. Labuan, 2023<sup>e</sup>

Table 5.15: Abridged life table by sex and age, W.P. Labuan, 2023<sup>e</sup>

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00910	910	0.00918	100,000	99,160	0.99020 <sup>a</sup>	7,611,431	76.1
1	0.00171	169	0.00043	99,090	395,938	0.99827 <sup>b</sup>	7,512,271	75.8
5	0.00146	144	0.00029	98,921	494,243	0.99805	7,116,333	71.9
10	0.00244	241	0.00049	98,776	493,278	0.99783	6,622,090	67.0
15	0.00190	187	0.00038	98,535	492,208	0.99823	6,128,812	62.2
20	0.00164	162	0.00033	98,348	491,337	0.99775	5,636,604	57.3
25	0.00286	281	0.00057	98,187	490,231	0.99634	5,145,266	52.4
30	0.00446	437	0.00089	97,906	488,436	0.99439	4,655,036	47.5
35	0.00677	660	0.00136	97,469	485,695	0.99243	4,166,600	42.7
40	0.00838	811	0.00168	96,809	482,018	0.98625	3,680,905	38.0
45	0.01916	1,839	0.00387	95,998	475,392	0.97861	3,198,887	33.3
50	0.02367	2,229	0.00479	94,159	465,222	0.96657	2,723,495	28.9
55	0.04342	3,991	0.00888	91,930	449,671	0.95324	2,258,273	24.6
60	0.05026	4,420	0.01031	87,939	428,643	0.92484	1,808,602	20.6
65	0.10137	8,467	0.02136	83,519	396,428	0.87745	1,379,959	16.5
70	0.14612	10,967	0.03153	75,052	347,845	0.82453	983,531	13.1
75	0.20985	13,449	0.04689	64,086	286,807	0.54882 <sup>c</sup>	635,687	9.9
80+	1.00000	50,637	0.14514	50,637	348,880	-	348,880	6.9
<b>Lelaki</b> <i>Male</i>								
0	0.00752	752	0.00758	100,000	99,296	0.99160 <sup>a</sup>	7,516,462	75.2
1	0.00207	206	0.00052	99,248	396,503	0.99797 <sup>b</sup>	7,417,166	74.7
5	0.00169	168	0.00034	99,042	494,790	0.99862	7,020,663	70.9
10	0.00106	105	0.00021	98,874	494,109	0.99830	6,525,873	66.0
15	0.00233	230	0.00047	98,769	493,271	0.99769	6,031,764	61.1
20	0.00228	225	0.00046	98,539	492,132	0.99718	5,538,493	56.2
25	0.00336	331	0.00067	98,314	490,743	0.99724	5,046,361	51.3
30	0.00215	210	0.00043	97,983	489,391	0.99495	4,555,618	46.5
35	0.00795	778	0.00160	97,773	486,921	0.99393	4,066,227	41.6
40	0.00418	405	0.00084	96,995	483,964	0.98478	3,579,305	36.9
45	0.02631	2,541	0.00533	96,590	476,597	0.97243	3,095,341	32.0
50	0.02885	2,714	0.00586	94,049	463,459	0.95799	2,618,744	27.8
55	0.05555	5,073	0.01143	91,335	443,992	0.94699	2,155,285	23.6
60	0.05032	4,341	0.01032	86,262	420,456	0.91046	1,711,293	19.8
65	0.13085	10,719	0.02800	81,921	382,807	0.85531	1,290,837	15.8
70	0.16061	11,436	0.03493	71,202	327,419	0.81556	908,030	12.8
75	0.21282	12,720	0.04763	59,766	267,030	0.54009 <sup>c</sup>	580,611	9.7
80+	1.00000	47,046	0.15003	47,046	313,581	-	313,581	6.7

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>e</sup> Anggaran  
Estimates

Jadual 5.15: Jadual hayat ringkas mengikut jantina dan umur, W.P. Labuan, 2023<sup>e</sup> (samb.)

Table 5.15: Abridged life table by sex and age, W.P. Labuan, 2023<sup>e</sup> (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.01129	1,129	0.01141	100,000	98,965	0.98827 <sup>a</sup>	7,720,783	77.2
1	0.00127	126	0.00032	98,871	395,169	0.99860 <sup>b</sup>	7,621,817	77.1
5	0.00115	113	0.00023	98,745	493,442	0.99727	7,226,649	73.2
10	0.00432	426	0.00087	98,632	492,094	0.99715	6,733,207	68.3
15	0.00138	136	0.00028	98,206	490,690	0.99877	6,241,112	63.6
20	0.00107	105	0.00021	98,070	490,088	0.99828	5,750,422	58.6
25	0.00237	232	0.00047	97,965	489,247	0.99532	5,260,334	53.7
30	0.00700	684	0.00140	97,733	486,957	0.99384	4,771,088	48.8
35	0.00532	516	0.00107	97,049	483,956	0.99042	4,284,130	44.1
40	0.01386	1,338	0.00279	96,533	479,321	0.98739	3,800,174	39.4
45	0.01135	1,080	0.00228	95,195	473,276	0.98496	3,320,853	34.9
50	0.01878	1,768	0.00379	94,115	466,157	0.97561	2,847,577	30.3
55	0.03010	2,780	0.00611	92,348	454,788	0.96021	2,381,420	25.8
60	0.04979	4,459	0.01021	89,568	436,690	0.94284	1,926,632	21.5
65	0.06492	5,525	0.01342	85,108	411,728	0.90341	1,489,942	17.5
70	0.13047	10,383	0.02791	79,583	371,957	0.83571	1,078,214	13.5
75	0.20320	14,061	0.04524	69,200	310,847	0.55987 <sup>c</sup>	706,257	10.2
80+	1.00000	55,139	0.13945	55,139	395,410	-	395,410	7.2

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>e</sup> Anggaran  
*Estimates*

Jadual 5.16: Jadual hayat ringkas mengikut jantina dan umur, W.P. Putrajaya, 2023<sup>e</sup>

Table 5.16: Abridged life table by sex and age, W.P. Putrajaya, 2023<sup>e</sup>

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	$nq_x$	$nd_x$	$nm_x$	$l_x$	$nL_x$	$nS_x$	$T_x$	$e_x$
<b>Lelaki dan Perempuan</b> <i>Both sexes</i>								
0	0.00836	836	0.00842	100,000	99,227	0.99127 <sup>a</sup>	7,527,916	75.3
1	0.00101	100	0.00025	99,164	396,407	0.99902 <sup>b</sup>	7,428,689	74.9
5	0.00069	68	0.00014	99,064	495,150	0.99932	7,032,281	71.0
10	0.00067	66	0.00013	98,996	494,814	0.99936	6,537,131	66.0
15	0.00062	61	0.00012	98,930	494,496	0.99640	6,042,317	61.1
20	0.00659	652	0.00132	98,869	492,714	0.99669	5,547,821	56.1
25	0.00000	-	0.00000	98,217	491,084	0.99731	5,055,108	51.5
30	0.00539	529	0.00108	98,217	489,761	0.99505	4,564,024	46.5
35	0.00451	440	0.00090	97,688	487,338	0.99424	4,074,262	41.7
40	0.00703	683	0.00141	97,247	484,529	0.99250	3,586,924	36.9
45	0.00798	771	0.00160	96,564	480,893	0.98935	3,102,396	32.1
50	0.01333	1,277	0.00268	95,793	475,774	0.97406	2,621,502	27.4
55	0.03872	3,659	0.00790	94,516	463,433	0.95154	2,145,728	22.7
60	0.05859	5,323	0.01207	90,857	440,976	0.89606	1,682,295	18.5
65	0.15211	13,011	0.03293	85,534	395,140	0.83120	1,241,319	14.5
70	0.18848	13,669	0.04162	72,523	328,440	0.76694	846,178	11.7
75	0.28798	16,949	0.06729	58,853	251,895	0.51347 <sup>c</sup>	517,738	8.8
80+	1.00000	41,905	0.15763	41,905	265,844	-	265,844	6.3
<b>Lelaki</b> <i>Male</i>								
0	0.00628	628	0.00631	100,000	99,410	0.99337 <sup>a</sup>	7,329,544	73.3
1	0.00092	91	0.00023	99,372	397,273	0.99913 <sup>b</sup>	7,230,134	72.8
5	0.00062	61	0.00012	99,281	496,250	0.99969	6,832,861	68.8
10	0.00000	-	0.00000	99,219	496,097	0.99944	6,336,611	63.9
15	0.00113	112	0.00023	99,219	495,817	0.99556	5,840,514	58.9
20	0.00776	769	0.00156	99,108	493,615	0.99610	5,344,697	53.9
25	0.00000	-	0.00000	98,338	491,692	0.99789	4,851,082	49.3
30	0.00421	414	0.00084	98,338	490,656	0.99476	4,359,390	44.3
35	0.00627	614	0.00126	97,924	488,084	0.99182	3,868,735	39.5
40	0.01010	983	0.00203	97,310	484,091	0.98950	3,380,650	34.7
45	0.01090	1,050	0.00219	96,327	479,008	0.98817	2,896,560	30.1
50	0.01277	1,217	0.00257	95,277	473,341	0.97317	2,417,551	25.4
55	0.04107	3,863	0.00839	94,060	460,642	0.93560	1,944,210	20.7
60	0.08874	8,004	0.01857	90,197	430,975	0.86688	1,483,568	16.4
65	0.18181	14,944	0.04000	82,193	373,605	0.79793	1,052,593	12.8
70	0.22683	15,254	0.05117	67,249	298,111	0.69422	678,989	10.1
75	0.40789	21,208	0.10248	51,995	206,956	0.45664 <sup>c</sup>	380,878	7.3
80+	1.00000	30,787	0.17702	30,787	173,922	-	173,922	5.6

Nota: <sup>a</sup> Daripada umur 0 hingga kumpulan umur 1-4  
Notes: From age of 0 to age group 1-4

<sup>b</sup> 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

<sup>c</sup> Daripada umur 75 hingga 80+  
From age of 75 to 80+

<sup>e</sup> Anggaran  
Estimates

Jadual 5.16: Jadual hayat ringkas mengikut jantina dan umur, W.P. Putrajaya, 2023<sup>e</sup> (samb.)

Table 5.16: Abridged life table by sex and age, W.P. Putrajaya, 2023<sup>e</sup> (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	${}_nq_x$	${}_nd_x$	${}_nm_x$	$l_x$	${}_nL_x$	${}_nS_x$	$T_x$	$e_x$
<b>Perempuan</b> <i>Female</i>								
0	0.01250	1,250	0.01265	100,000	98,859	0.98714 <sup>a</sup>	7,768,055	77.7
1	0.00117	115	0.00029	98,750	394,711	0.99879 <sup>b</sup>	7,669,196	77.7
5	0.00081	80	0.00016	98,634	492,972	0.99883	7,274,485	73.8
10	0.00153	151	0.00031	98,554	492,394	0.99923	6,781,513	68.8
15	0.00000	-	0.00000	98,403	492,017	0.99740	6,289,119	63.9
20	0.00519	511	0.00104	98,403	490,739	0.99740	5,797,102	58.9
25	0.00000	-	0.00000	97,892	489,461	0.99669	5,306,363	54.2
30	0.00663	649	0.00133	97,892	487,839	0.99516	4,816,902	49.2
35	0.00303	295	0.00061	97,243	485,479	0.99648	4,329,063	44.5
40	0.00400	388	0.00080	96,948	483,771	0.99568	3,843,584	39.6
45	0.00463	448	0.00093	96,560	481,682	0.99087	3,359,813	34.8
50	0.01366	1,313	0.00275	96,113	477,282	0.97605	2,878,130	29.9
55	0.03439	3,260	0.00700	94,800	465,851	0.96925	2,400,848	25.3
60	0.02699	2,471	0.00547	91,540	451,525	0.92998	1,934,997	21.1
65	0.11424	10,175	0.02423	89,069	419,909	0.87357	1,483,472	16.7
70	0.14020	11,061	0.03015	78,894	366,818	0.83492	1,063,563	13.5
75	0.19400	13,160	0.04297	67,833	306,265	0.56043 <sup>c</sup>	696,745	10.3
80+	1.00000	54,673	0.14002	54,673	390,479	-	390,479	7.1

Nota: <sup>a</sup> Daripada umur 0 hingga  
kumpulan umur 1-4  
*Notes: From age of 0 to age group 1-4*

<sup>b</sup> 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*

<sup>c</sup> Daripada umur 75 hingga 80+  
*From age of 75 to 80+*

<sup>e</sup> Anggaran  
*Estimates*

# JANGKAAN HAYAT KETIKA LAHIR

## *LIFE EXPECTANCY AT BIRTH*

**DAERAH PENTADBIRAN**  
*ADMINISTRATIVE DISTRICT*

**2021 - 2023**



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**Jadual 6.1: Jangkaan hayat ketika lahir mengikut negeri, daerah pentadbiran dan jantina, Malaysia, 2021**

Table 6.1: Life expectancy at birth by state, administrative district and sex, Malaysia, 2021

Negeri dan daerah pentadbiran State and administrative district	Jangkaan hayat ketika lahir Life expectancy at birth		
	Lelaki dan Perempuan Both Sexes	Lelaki Male	Perempuan Female
<b>Malaysia</b>	<b>74.0</b>	<b>71.8</b>	<b>76.5</b>
<b>Johor</b>	<b>73.6</b>	<b>71.5</b>	<b>76.2</b>
Batu Pahat	73.7	71.6	76.1
Johor Bahru	75.5	73.4	78.0
Kluang	71.6	69.7	74.1
Kota Tinggi	69.1	67.0	71.9
Mersing	69.2	67.4	71.4
Muar	73.5	71.6	75.9
Pontian	71.2	68.9	74.1
Segamat	70.8	68.5	73.6
Kulai	76.1	73.8	78.7
Tangkak	73.0	70.7	75.8
<b>Kedah</b>	<b>72.2</b>	<b>69.6</b>	<b>75.0</b>
Baling	69.2	66.6	72.1
Bandar Baharu	69.4	66.7	72.5
Kota Setar	71.8	69.0	74.8
Kuala Muda	73.2	70.7	76.0
Kubang Pasu	72.8	70.0	75.6
Kulim	74.2	71.7	76.8
Langkawi	72.5	69.6	75.8
Padang Terap	70.7	68.3	73.3
Sik	70.0	67.7	72.6
Yan	73.0	70.6	75.4
Pendang	69.2	66.6	72.2
Pokok Sena	69.8	68.1	71.7
<b>Kelantan<sup>1</sup></b>	<b>71.6</b>	<b>69.0</b>	<b>74.3</b>
Bachok	71.3	68.9	73.8
Kota Bharu	72.2	69.7	74.9
Machang	72.0	69.1	75.2
Pasir Mas	71.3	68.6	74.1
Pasir Puteh	70.0	67.5	72.7
Tanah Merah	72.4	70.0	75.1
Tumpat	71.1	68.2	74.1
Gua Musang	71.2	69.1	74.0
Kuala Krai	70.6	67.8	73.8
Jeli	71.6	69.3	74.0
Kecil Lojing	64.8	63.9	65.8
<b>Melaka</b>	<b>73.1</b>	<b>70.8</b>	<b>75.6</b>
Alor Gajah	72.7	70.2	75.3
Jasin	72.5	70.5	74.9
Melaka Tengah	73.3	71.0	75.9
<b>Negeri Sembilan</b>	<b>73.1</b>	<b>70.7</b>	<b>75.9</b>
Jelebu	72.7	70.8	75.0
Kuala Pilah	71.1	68.9	73.4
Port Dickson	71.8	69.3	74.9
Rembau	71.8	69.0	74.8
Seremban	74.4	71.9	77.3
Tampin	71.2	69.2	73.6
Jempol	71.0	68.4	74.0

Nota/Note: <sup>1</sup> Jajahan

**Jadual 6.1: Jangkaan hayat ketika lahir mengikut negeri, daerah pentadbiran dan jantina, Malaysia, 2021 (samb.)**

Table 6.1: Life expectancy at birth by state, administrative district and sex, Malaysia, 2021 (cont'd)

Negeri dan daerah pentadbiran State and administrative district	Jangkaan hayat ketika lahir Life expectancy at birth		
	Lelaki dan Perempuan Both Sexes	Lelaki Male	Perempuan Female
<b>Pahang</b>	<b>72.6</b>	<b>70.4</b>	<b>75.4</b>
Bentong	72.5	70.5	75.1
Cameron Highlands	75.2	72.8	78.4
Jerantut	71.6	69.5	74.0
Kuantan	75.4	73.6	77.6
Lipis	73.3	71.4	75.7
Pekan	70.1	67.6	73.1
Raub	72.7	70.0	76.2
Temerloh	71.6	68.7	75.0
Rompin	68.3	66.2	71.0
Maran	68.7	66.0	71.9
Bera	72.2	69.6	75.4
<b>Perak</b>	<b>73.3</b>	<b>70.6</b>	<b>76.4</b>
Batang Padang	72.4	70.0	75.3
Manjung	72.8	70.4	75.8
Kinta	75.7	73.0	78.7
Kerian	70.8	68.0	74.1
Kuala Kangsar	71.8	68.8	75.3
Larut & Matang	71.9	69.2	75.2
Hilir Perak	72.4	69.8	75.5
Hulu Perak	70.2	67.8	73.1
Perak Tengah	71.2	68.4	74.3
Kampar	73.3	70.3	76.8
Muallim	73.1	70.2	76.3
Bagan Datuk	72.7	70.0	75.5
Selama	68.4	65.9	71.1
<b>Perlis</b>	<b>72.4</b>	<b>69.6</b>	<b>75.4</b>
<b>Pulau Pinang</b>	<b>73.7</b>	<b>71.3</b>	<b>76.3</b>
Seberang Perai Tengah	73.7	71.7	76.1
Seberang Perai Utara	72.8	70.6	75.3
Seberang Perai Selatan	70.4	68.2	72.7
Timur Laut	74.8	72.2	77.8
Barat Daya	73.8	71.7	76.0
<b>Sabah</b>	<b>73.4</b>	<b>71.7</b>	<b>75.5</b>
Tawau	74.1	72.3	76.4
Lahad Datu	75.6	74.3	77.3
Semporna	71.9	71.3	72.6
Sandakan	74.9	73.2	76.8
Kinabatangan	78.7	78.3	79.3
Beluran	73.2	73.2	73.2
Kota Kinabalu	76.4	74.3	79.1
Ranau	71.2	68.9	73.8
Kota Belud	70.3	68.4	72.2
Tuaran	70.3	68.4	72.3
Penampang	76.6	74.6	79.1
Papar	69.9	67.9	72.4
Kudat	70.4	68.1	73.2
Kota Marudu	69.9	67.7	72.5
Pitas	68.2	66.3	70.4
Beaufort	68.0	65.5	70.7
Kuala Penyu	64.2	61.2	67.7
Sipitang	70.5	68.7	72.6
Tenom	69.8	67.8	72.2
Nabawan	73.1	71.2	75.4
Keningau	73.1	71.4	75.1
Tambunan	69.8	67.0	73.1
Kunak	74.5	74.1	75.0
Tongod	75.9	74.7	77.2
Putatan	69.5	67.1	72.2
Telupid	76.6	74.5	79.4
Kalabakan	77.9	77.0	79.0

**Jadual 6.1: Jangkaan hayat ketika lahir mengikut negeri, daerah pentadbiran dan jantina, Malaysia, 2021 (samb.)**

Table 6.1: Life expectancy at birth by state, administrative district and sex, Malaysia, 2021 (cont'd)

Negeri dan daerah pentadbiran State and administrative district	Jangkaan hayat ketika lahir Life expectancy at birth		
	Lelaki dan Perempuan Both Sexes	Lelaki Male	Perempuan Female
<b>Sarawak</b>	<b>74.5</b>	<b>72.1</b>	<b>77.2</b>
Kuching	76.6	74.2	79.3
Bau	74.0	70.1	78.9
Lundu	74.6	72.3	77.5
Samarahan	79.8	77.8	82.0
Serian	75.3	72.7	78.2
Simunjan	72.5	70.9	74.5
Sri Aman	74.0	71.5	76.9
Lubok Antu	73.3	71.2	75.8
Belong	70.9	68.6	73.8
Saratok	72.1	69.7	74.8
Sarikei	72.4	69.0	76.2
Maradong	69.3	66.1	72.8
Daro	70.4	68.9	72.2
Julau	70.6	66.4	75.6
Sibu	74.3	71.6	77.4
Dalat	73.6	71.1	76.4
Mukah	71.7	69.8	74.0
Kanowit	67.6	63.3	72.6
Bintulu	76.4	74.4	79.0
Tatau	73.1	71.6	75.0
Kapit	71.2	68.6	74.1
Song	66.9	62.7	71.4
Belaga	71.8	70.4	73.7
Miri	74.9	72.5	77.8
Marudi	69.4	67.5	72.0
Limbang	73.0	71.2	75.2
Lawas	73.4	70.9	76.2
Matu	71.5	69.3	73.9
Asajaya	74.2	72.1	76.7
Pakan	70.2	68.3	72.3
Selangau	75.2	72.5	78.4
Tebedu	74.7	72.8	76.8
Pusa	69.3	68.9	69.8
Kabong	70.7	68.3	73.3
Tanjung Manis	68.1	67.5	69.1
Sebauh	70.7	69.8	71.6
Bukit Mabong	69.4	69.2	69.7
Subis	71.6	70.0	73.5
Beluru	72.5	70.4	75.6
Telang Usan	72.1	68.9	76.5
<b>Selangor</b>	<b>76.4</b>	<b>74.4</b>	<b>78.7</b>
Gombak	75.9	73.8	78.4
Klang	75.0	73.0	77.5
Kuala Langat	73.8	71.7	76.2
Kuala Selangor	74.1	71.7	76.8
Petaling	78.5	76.7	80.6
Sabak Bernam	68.5	66.0	71.7
Sepang	78.3	76.8	80.2
Ulu Langat	76.2	74.4	78.4
Ulu Selangor	73.8	71.4	76.7
<b>Terengganu</b>	<b>71.3</b>	<b>68.9</b>	<b>73.9</b>
Besut	70.7	68.1	73.5
Dungun	69.9	67.6	72.5
Kemaman	70.4	68.9	72.2
Kuala Terengganu	70.7	68.0	73.8
Marang	71.9	69.7	74.2
Hulu Terengganu	72.1	70.1	74.5
Setiu	69.9	67.4	72.8
Kuala Nerus	74.1	71.7	76.6
<b>W.P. Kuala Lumpur</b>	<b>75.1</b>	<b>72.8</b>	<b>77.8</b>
<b>W.P. Labuan</b>	<b>74.5</b>	<b>72.9</b>	<b>76.2</b>
<b>W.P. Putrajaya</b>	<b>74.6</b>	<b>71.6</b>	<b>77.6</b>

**Jadual 6.2: Jangkaan hayat ketika lahir mengikut negeri, daerah pentadbiran dan jantina, Malaysia, 2022<sup>P</sup>**Table 6.2: Life expectancy at birth by state, administrative district and sex, Malaysia, 2022<sup>P</sup>

Negeri dan daerah pentadbiran State and administrative district	Jangkaan hayat ketika lahir Life expectancy at birth		
	Lelaki dan Perempuan Both Sexes	Lelaki Male	Perempuan Female
<b>Malaysia</b>	<b>73.8</b>	<b>71.5</b>	<b>76.4</b>
<b>Johor</b>	<b>73.6</b>	<b>71.5</b>	<b>76.1</b>
Batu Pahat	73.5	71.3	76.0
Johor Bahru	75.6	73.6	78.1
Kluang	71.5	69.9	73.6
Kota Tinggi	69.1	67.2	71.6
Mersing	68.9	67.1	71.1
Muar	73.4	71.4	75.8
Pontian	71.1	68.8	73.9
Segamat	70.4	67.9	73.5
Kulai	76.0	73.7	78.7
Tangkak	72.9	70.8	75.5
<b>Kedah</b>	<b>71.7</b>	<b>69.1</b>	<b>74.6</b>
Baling	68.5	65.9	71.4
Bandar Baharu	68.8	65.8	72.2
Kota Setar	71.6	68.7	74.6
Kuala Muda	72.9	70.4	75.6
Kubang Pasu	72.4	69.5	75.4
Kulim	73.7	71.4	76.3
Langkawi	72.0	69.0	75.6
Padang Terap	69.9	67.3	72.9
Sik	68.8	66.5	71.4
Yan	72.9	70.3	75.7
Pendang	68.7	65.7	72.2
Pokok Sena	69.1	67.1	71.6
<b>Kelantan<sup>1</sup></b>	<b>71.3</b>	<b>68.8</b>	<b>73.9</b>
Bachok	71.3	68.9	73.8
Kota Bharu	72.0	69.5	74.6
Machang	71.4	68.7	74.3
Pasir Mas	71.2	68.6	73.9
Pasir Puteh	69.6	67.5	71.9
Tanah Merah	71.7	69.4	74.2
Tumpat	70.8	68.1	73.6
Gua Musang	71.1	68.9	73.8
Kuala Krai	70.2	67.4	73.4
Jeli	70.9	68.5	73.5
Kecil Lojing	63.2	61.8	65.0
<b>Melaka</b>	<b>72.9</b>	<b>70.5</b>	<b>75.5</b>
Alor Gajah	72.4	70.0	74.7
Jasin	72.0	69.5	74.8
Melaka Tengah	73.2	70.8	75.9
<b>Negeri Sembilan</b>	<b>72.9</b>	<b>70.3</b>	<b>76.0</b>
Jejebu	72.1	70.3	74.2
Kuala Pilah	70.6	68.1	73.4
Port Dickson	71.5	68.9	74.9
Rembau	71.4	68.7	74.2
Seremban	74.4	71.7	77.5
Tampin	71.2	68.5	74.3
Jempol	70.6	68.2	73.5

Nota/Notes: <sup>1</sup> Jajahan<sup>P</sup> Permulaan/Preliminary

**Jadual 6.2: Jangkaan hayat ketika lahir mengikut negeri, daerah pentadbiran dan jantina, Malaysia, 2022<sup>P</sup> (samb.)**Table 6.2: Life expectancy at birth by state, administrative district and sex, Malaysia, 2022<sup>P</sup> (cont'd)

Negeri dan daerah pentadbiran State and administrative district	Jangkaan hayat ketika lahir Life expectancy at birth		
	Lelaki dan Perempuan Both Sexes	Lelaki Male	Perempuan Female
<b>Pahang</b>	<b>72.5</b>	<b>70.1</b>	<b>75.4</b>
Bentong	72.4	70.2	75.2
Cameron Highlands	74.7	72.3	78.0
Jerantut	71.8	69.3	74.7
Kuantan	75.4	73.6	77.7
Lipis	73.1	71.1	75.4
Pekan	69.7	67.0	72.9
Raub	72.5	69.5	76.4
Temerloh	71.3	68.4	74.8
Rompin	67.9	65.6	71.0
Maran	68.3	65.4	71.9
Bera	72.1	69.4	75.6
<b>Perak</b>	<b>73.1</b>	<b>70.2</b>	<b>76.3</b>
Batang Padang	72.0	69.3	75.4
Manjung	72.7	70.0	75.9
Kinta	75.7	73.0	78.7
Kerian	70.5	67.5	73.8
Kuala Kangsar	71.1	67.6	75.1
Larut & Matang	71.8	68.9	75.1
Hilir Perak	71.9	68.9	75.4
Hulu Perak	69.5	67.4	71.9
Perak Tengah	70.6	67.8	73.8
Kampar	73.0	69.6	77.1
Muallim	73.4	70.5	76.9
Bagan Datuk	72.4	69.3	75.8
Selama	68.0	65.5	70.8
<b>Perlis</b>	<b>71.9</b>	<b>68.9</b>	<b>75.1</b>
<b>Pulau Pinang</b>	<b>73.5</b>	<b>71.1</b>	<b>76.3</b>
Seberang Perai Tengah	73.7	71.6	76.1
Seberang Perai Utara	72.7	70.3	75.3
Seberang Perai Selatan	69.9	67.7	72.4
Timur Laut	74.7	71.9	77.9
Barat Daya	73.6	71.4	76.0
<b>Sabah</b>	<b>73.1</b>	<b>71.3</b>	<b>75.1</b>
Tawau	74.0	72.2	76.2
Lahad Datu	74.3	73.2	75.7
Semporna	72.1	71.1	73.2
Sandakan	75.0	73.7	76.6
Kinabatangan	77.7	77.0	78.5
Beluran	72.5	72.3	72.7
Kota Kinabalu	76.3	74.4	78.6
Ranau	71.1	68.6	74.0
Kota Belud	70.3	68.0	72.7
Tuaran	70.0	68.2	72.0
Penampang	75.3	72.5	78.8
Papar	69.4	67.5	71.8
Kudat	70.2	67.8	72.9
Kota Marudu	69.2	66.5	72.6
Pitas	68.5	66.8	70.4
Beaufort	67.2	65.4	69.2
Kuala Penyu	63.9	60.6	67.6
Sipitang	70.0	68.6	71.7
Tenom	68.4	66.2	71.3
Nabawan	73.2	70.9	76.0
Keningau	72.8	71.2	74.7
Tambunan	69.1	66.5	72.1
Kunak	73.7	73.3	74.3
Tongod	76.2	74.6	78.0
Putatan	70.1	67.7	72.9
Telupid	74.4	72.3	77.0
Kalabakan	76.3	74.5	78.7

Nota/Note : <sup>P</sup> Permulaan/Preliminary

**Jadual 6.2: Jangkaan hayat ketika lahir mengikut negeri, daerah pentadbiran dan jantina, Malaysia, 2022<sup>P</sup> (samb.)**

Table 6.2: Life expectancy at birth by state, administrative district and sex, Malaysia, 2022<sup>P</sup> (cont'd)

Negeri dan daerah pentadbiran State and administrative district	Jangkaan hayat ketika lahir Life expectancy at birth		
	Lelaki dan Perempuan Both Sexes	Lelaki Male	Perempuan Female
<b>Sarawak</b>	<b>74.2</b>	<b>71.8</b>	<b>77.0</b>
Kuching	76.7	74.3	79.4
Bau	74.1	70.8	78.1
Lundu	73.9	71.3	77.1
Samarahan	79.6	77.5	81.8
Serian	74.5	71.4	78.1
Simunjan	72.0	69.7	74.8
Sri Aman	73.2	70.7	76.1
Lubok Antu	72.9	70.1	76.4
Belong	70.7	68.3	73.5
Saratok	71.8	69.3	74.6
Sarikei	72.2	68.9	76.0
Maradong	68.9	65.5	72.7
Daro	70.3	68.9	72.2
Julau	70.7	67.5	74.2
Sibu	74.3	71.5	77.5
Dalat	72.9	70.0	76.3
Mukah	71.2	68.9	74.0
Kanowit	66.7	62.3	72.0
Bintulu	76.1	74.0	78.7
Tatau	72.6	71.3	74.3
Kapit	70.7	68.2	73.4
Song	66.8	61.8	72.4
Belaga	72.1	70.3	74.7
Miri	74.5	72.2	77.4
Marudi	69.0	67.0	71.3
Limbang	73.0	70.8	75.6
Lawas	72.2	70.0	74.6
Matu	71.0	68.4	73.9
Asajaya	74.1	71.7	76.9
Pakan	69.3	67.1	71.8
Selangau	74.3	71.5	77.9
Tebedu	74.4	72.9	76.0
Pusa	69.4	69.3	69.5
Kabong	70.5	67.7	73.8
Tanjung Manis	68.8	67.2	70.5
Sebauh	71.1	70.5	71.6
Bukit Mabong	68.9	69.1	68.6
Subis	70.7	69.3	72.5
Beluru	71.5	69.1	74.4
Telang Usan	72.0	68.9	76.2
<b>Selangor</b>	<b>76.4</b>	<b>74.4</b>	<b>78.7</b>
Gombak	76.0	73.9	78.6
Klang	75.0	73.0	77.5
Kuala Langat	73.6	71.4	76.2
Kuala Selangor	73.8	71.3	76.7
Petaling	78.7	76.9	80.7
Sabak Bernam	68.1	65.4	71.4
Sepang	77.8	76.2	79.7
Ulu Langat	76.2	74.3	78.5
Ulu Selangor	73.5	71.0	76.6
<b>Terengganu</b>	<b>71.0</b>	<b>68.8</b>	<b>73.5</b>
Besut	70.5	67.9	73.3
Dungun	69.7	67.6	71.9
Kemaman	70.2	68.9	71.6
Kuala Terengganu	70.2	67.5	73.3
Marang	71.9	70.0	74.0
Hulu Terengganu	71.9	70.0	74.1
Setiu	69.3	66.8	72.2
Kuala Nerus	74.2	71.7	76.8
<b>W.P. Kuala Lumpur</b>	<b>75.0</b>	<b>72.7</b>	<b>77.7</b>
<b>W.P. Labuan</b>	<b>74.1</b>	<b>72.4</b>	<b>75.9</b>
<b>W.P. Putrajaya</b>	<b>74.5</b>	<b>71.8</b>	<b>77.2</b>

Nota/Note :<sup>P</sup> Permulaan/Preliminary

**Jadual 6.3: Jangkaan hayat ketika lahir mengikut negeri, daerah pentadbiran dan jantina, Malaysia, 2023<sup>e</sup>**Table 6.3: Life expectancy at birth by state, administrative district and sex, Malaysia, 2023<sup>e</sup>

Negeri dan daerah pentadbiran State and administrative district	Jangkaan hayat ketika lahir Life expectancy at birth		
	Lelaki dan Perempuan Both Sexes	Lelaki Male	Perempuan Female
<b>Malaysia</b>	<b>74.8</b>	<b>72.5</b>	<b>77.4</b>
<b>Johor</b>	<b>74.6</b>	<b>72.5</b>	<b>77.2</b>
Batu Pahat	73.9	71.5	76.7
Johor Bahru	77.2	75.1	79.6
Kluang	72.3	70.9	74.2
Kota Tinggi	69.6	67.8	71.8
Mersing	68.6	67.1	70.6
Muar	74.3	72.3	76.7
Pontian	71.4	69.0	74.3
Segamat	70.9	68.1	74.1
Kulai	77.0	74.5	80.0
Tangkak	74.2	72.0	76.6
<b>Kedah</b>	<b>72.7</b>	<b>69.9</b>	<b>75.8</b>
Baling	69.0	66.4	71.9
Bandar Baharu	69.5	66.3	73.1
Kota Setar	72.7	69.6	76.2
Kuala Muda	74.5	72.0	77.3
Kubang Pasu	72.8	69.6	76.3
Kulim	75.1	73.0	77.4
Langkawi	72.5	68.9	76.6
Padang Terap	69.5	67.1	72.4
Sik	67.9	65.0	71.2
Yan	74.0	70.8	77.5
Pendang	68.8	65.5	72.9
Pokok Sena	69.6	67.7	71.7
<b>Kelantan<sup>1</sup></b>	<b>72.0</b>	<b>69.5</b>	<b>74.8</b>
Bachok	72.3	70.3	74.3
Kota Bharu	73.0	70.2	76.0
Machang	71.7	69.4	73.9
Pasir Mas	72.0	69.4	74.8
Pasir Puteh	70.4	67.8	73.4
Tanah Merah	71.7	69.5	74.0
Tumpat	72.2	69.4	74.9
Gua Musang	71.5	69.5	74.2
Kuala Krai	70.4	67.5	73.6
Jeli	70.4	67.9	72.7
Kecil Lojing	62.8	60.7	67.1
<b>Melaka</b>	<b>73.8</b>	<b>71.3</b>	<b>76.5</b>
Alor Gajah	72.4	70.0	74.9
Jasin	72.2	69.6	75.4
Melaka Tengah	74.7	72.2	77.5
<b>Negeri Sembilan</b>	<b>73.7</b>	<b>71.0</b>	<b>76.9</b>
Jejebu	71.6	70.9	74.0
Kuala Pilah	71.1	67.8	74.9
Port Dickson	71.7	68.6	75.5
Rembau	73.0	69.6	76.6
Seremban	75.6	72.9	78.6
Tampin	71.4	68.8	74.5
Jempol	71.1	68.9	73.7

Nota/Notes: <sup>1</sup> Jajahan<sup>e</sup> Anggaran/ Estimates

**Jadual 6.3: Jangkaan hayat ketika lahir mengikut negeri, daerah pentadbiran dan jantina, Malaysia, 2023<sup>e</sup> (samb.)**Table 6.3: Life expectancy at birth by state, administrative district and sex, Malaysia, 2023<sup>e</sup> (cont'd)

Negeri dan daerah pentadbiran State and administrative district	Jangkaan hayat ketika lahir Life expectancy at birth		
	Lelaki dan Perempuan Both Sexes	Lelaki Male	Perempuan Female
<b>Pahang</b>	<b>72.6</b>	<b>70.2</b>	<b>75.4</b>
Bentong	72.9	70.5	76.3
Cameron Highlands	75.6	73.1	78.4
Jerantut	71.0	68.8	73.6
Kuantan	75.9	74.0	78.1
Lipis	72.9	71.4	74.6
Pekan	69.2	66.8	72.0
Raub	72.6	70.0	78.1
Temerloh	71.0	68.3	74.1
Rompin	67.3	64.7	70.6
Maran	69.0	65.9	72.6
Bera	72.0	68.8	76.1
<b>Perak</b>	<b>73.3</b>	<b>70.4</b>	<b>76.7</b>
Batang Padang	71.7	68.5	75.8
Manjung	72.4	70.1	75.3
Kinta	76.3	73.5	79.4
Kerian	70.6	68.1	73.2
Kuala Kangsar	70.5	66.1	75.9
Larut & Matang	72.4	69.2	76.0
Hilir Perak	72.0	69.1	75.5
Hulu Perak	70.0	68.2	72.0
Perak Tengah	70.3	67.8	72.8
Kampar	72.5	69.5	77.4
Muallim	74.6	71.4	78.1
Bagan Datuk	72.6	68.7	77.2
Selama	70.4	68.2	72.8
<b>Perlis</b>	<b>71.4</b>	<b>68.4</b>	<b>74.3</b>
<b>Pulau Pinang</b>	<b>74.4</b>	<b>71.9</b>	<b>77.2</b>
Seberang Perai Tengah	74.2	72.0	76.8
Seberang Perai Utara	73.7	71.5	76.1
Seberang Perai Selatan	70.5	68.1	73.0
Timur Laut	75.7	72.5	79.2
Barat Daya	74.7	72.6	76.8
<b>Sabah</b>	<b>74.1</b>	<b>72.2</b>	<b>76.3</b>
Tawau	75.6	73.9	77.6
Lahad Datu	75.5	73.9	77.5
Semporna	72.9	71.6	74.3
Sandakan	76.7	75.7	77.8
Kinabatangan	77.7	76.6	79.2
Beluran	73.6	73.1	74.0
Kota Kinabalu	77.3	75.3	79.5
Ranau	71.7	69.8	73.8
Kota Belud	71.4	69.6	73.4
Tuaran	70.9	68.8	73.3
Penampang	75.8	73.1	79.4
Papar	70.2	67.8	73.2
Kudat	72.2	69.4	75.7
Kota Marudu	69.9	66.6	73.5
Pitas	69.3	68.3	70.4
Beaufort	66.6	65.0	68.7
Kuala Penyu	64.4	62.7	68.1
Sipitang	68.4	67.6	69.6
Tenom	67.6	64.3	72.0
Nabawan	74.7	73.3	75.8
Keningau	74.0	71.8	76.5
Tambunan	68.3	66.3	70.5
Kunak	73.4	72.3	74.7
Tongod	78.1	75.8	81.5
Putatan	71.7	67.3	77.2
Telupid	74.4	73.5	78.3
Kalabakan	78.9	76.0	82.8

Nota/Note : <sup>e</sup> Anggaran/ Estimates

**Jadual 6.3: Jangkaan hayat ketika lahir mengikut negeri, daerah pentadbiran dan jantina, Malaysia, 2023<sup>e</sup> (samb.)**

Table 6.3: Life expectancy at birth by state, administrative district and sex, Malaysia, 2023<sup>e</sup> (cont'd)

Negeri dan daerah pentadbiran State and administrative district	Jangkaan hayat ketika lahir Life expectancy at birth		
	Lelaki dan Perempuan Both Sexes	Lelaki Male	Perempuan Female
<b>Sarawak</b>	<b>74.9</b>	<b>72.6</b>	<b>77.6</b>
Kuching	77.0	74.4	80.0
Bau	74.6	72.1	79.2
Lundu	74.2	71.5	79.4
Samarahan	80.2	78.4	81.9
Serian	75.0	73.7	78.8
Simunjan	72.6	70.5	76.5
Sri Aman	75.4	72.1	79.2
Lubok Antu	74.5	68.2	79.6
Betong	71.1	69.4	73.1
Saratok	72.4	69.0	76.9
Sarikei	73.7	71.0	78.0
Maradong	69.9	66.8	74.0
Daro	71.2	69.7	72.8
Julau	72.1	69.1	72.9
Sibu	75.9	73.4	78.8
Dalat	72.5	68.8	78.2
Mukah	72.1	70.1	73.6
Kanowit	66.8	59.6	74.5
Bintulu	77.0	75.3	78.9
Tatau	74.2	71.5	77.9
Kapit	73.0	70.1	76.8
Song	69.0	63.3	73.7
Belaga	75.0	71.7	80.0
Miri	74.9	72.8	77.5
Marudi	68.2	66.6	70.5
Limbang	73.4	70.9	76.1
Lawas	72.6	71.5	73.9
Matu	74.1	72.4	76.1
Asajaya	74.1	71.0	78.6
Pakan	71.1	67.8	74.2
Selangau	73.2	70.5	76.8
Tebedu	75.4	75.3	75.2
Pusa	71.3	69.2	72.4
Kabong	70.8	67.7	74.4
Tanjung Manis	69.8	66.7	71.6
Sebauh	71.4	72.0	72.8
Bukit Mabong	66.8	66.4	66.5
Subis	71.2	71.3	71.8
Beluru	71.4	66.0	75.9
Telang Usan	73.4	71.3	76.6
<b>Selangor</b>	<b>78.1</b>	<b>76.1</b>	<b>80.3</b>
Gombak	77.8	75.7	80.3
Klang	77.1	75.2	79.4
Kuala Langat	74.7	72.0	78.1
Kuala Selangor	74.5	71.9	77.4
Petaling	80.5	78.9	82.3
Sabak Bernam	67.5	65.0	70.7
Sepang	78.4	76.5	80.5
Ulu Langat	78.4	76.6	80.6
Ulu Selangor	73.9	71.6	76.7
<b>Terengganu</b>	<b>71.2</b>	<b>69.2</b>	<b>73.3</b>
Besut	70.8	68.7	72.9
Dungun	69.6	67.6	71.8
Kemaman	70.2	69.3	70.8
Kuala Terengganu	69.8	67.3	72.4
Marang	71.9	70.0	73.9
Hulu Terengganu	71.7	69.5	74.3
Setiu	69.7	66.7	73.3
Kuala Nerus	76.2	74.2	78.1
<b>W.P. Kuala Lumpur</b>	<b>76.5</b>	<b>74.4</b>	<b>79.1</b>
<b>W.P. Labuan</b>	<b>76.1</b>	<b>75.2</b>	<b>77.2</b>
<b>W.P. Putrajaya</b>	<b>75.3</b>	<b>73.3</b>	<b>77.7</b>

Nota/Note :<sup>e</sup> Anggaran/ Estimates

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# 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 berkahwin<sup>1</sup>.
- 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 2023 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.

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<sup>1</sup> 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*<sup>2</sup> digunakan bagi menjana anggaran jadual hayat terkini.
- 3.2 Jadual hayat ringkas 2021 (muktamad) 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 yang telah dimuktamadkan.
  - 3.2.1 Data kematian pertengahan tahun 2020 merujuk kepada kematian yang direkodkan pada separuh tahun (*half-yearly*) 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.
  - 3.2.2 Data kematian pertengahan tahun 2021 merujuk kepada kematian yang direkodkan pada separuh tahun kedua 2020 bermula Julai hingga

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<sup>2</sup> W. Brass (1975)

- Disember 2020 dan kematian separuh tahun pertama 2021 bermula Januari hingga Jun 2021 mengikut umur satu tahunan, kumpulan etnik, jantina dan negeri.
- 3.2.3 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.
- 3.2.4 Input penduduk yang digunakan bagi penjanaan jadual hayat ringkas 2021 ini adalah data anggaran penduduk pertengahan tahun 2021 berasaskan Banci 2020 mengikut umur satu tahunan, kumpulan etnik, jantina dan negeri.
- 3.3 Jadual hayat ringkas 2022 (permulaan) dijana menggunakan model *Coale-Demeny (West)* yang berasaskan purata bilangan kematian pertengahan tahun mengikut kumpulan umur, kumpulan etnik, jantina dan negeri bagi tahun 2021, 2022 dan 2023 (anggaran).
- 3.3.1 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.
- 3.3.2 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.
- 3.3.3 Anggaran data kematian pertengahan tahun 2023 merujuk kepada kematian yang direkodkan pada separuh tahun kedua 2022 bermula Julai hingga Disember 2022 dan kematian separuh tahun pertama 2023 bermula Januari hingga Jun 2023 mengikut umur satu tahunan, kumpulan etnik, jantina dan negeri. Anggaran kematian 2023 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 2022 adalah data anggaran penduduk pertengahan tahun 2022 berasaskan Banci 2020 mengikut umur satu tahunan, kumpulan etnik, jantina dan negeri.

- 3.4 Jadual hayat ringkas 2023 (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 2023 merujuk kepada kematian yang direkodkan pada separuh tahun kedua 2022 bermula Julai hingga Disember 2022 dan kematian separuh tahun pertama 2023 bermula Januari hingga Jun 2023 mengikut umur satu tahunan, kumpulan etnik, jantina dan negeri.
- 3.4.2 Input penduduk yang digunakan bagi penjanaan jadual hayat ringkas 2023 adalah data anggaran penduduk pertengahan tahun 2023 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*<sup>3</sup>.
- 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  $\alpha$  daripada data yang diberi akan dikira sebagai:

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<sup>3</sup>A. Coale and P. Demeny (1966)

$$a = \frac{{}_5q_{x+5}}{{}_5q_x}$$

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  $l_x$  daripada jadual hayat dengan kematian satu tahun
- $\alpha$  Merujuk kepada tahap mortaliti
- $\beta$  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  $x + n$ ,  ${}_n m_x$  ialah:

$${}_n m_x = \frac{{}_n d_x}{{}_n L_x}$$

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:

$\sum_{y=x}^{y=w} L_y$  Jumlah semua  $L_x$  untuk umur  $x$  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 0.13449, iaitu, daripada setiap 100,000 orang yang hidup dan pada umur tepat 65 tahun, 13,449 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, 73,094 orang akan hidup sehingga umur tepat 65 tahun.

${}_nd_x$  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 9,830 kematian di antara umur tepat 65 tahun dan 70 tahun kepada kohort permulaan 100,000 bayi lelaki yang baru lahir.

${}_nm_x$  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  $9,830 / 340,894$  iaitu 0.02884.

${}_nL_x$  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, 340,894 orang akan hidup-tahun di antara umur tepat 65 tahun dan 70 tahun. Daripada 73,094 orang yang mencapai umur 65 tahun, 63,264 orang yang hidup sehingga umur 70 tahun akan hidup 5 tahun seorang, iaitu, 316,320 orang-tahun ( $63,264 \times 5 = 316,320$  orang-tahun) dan 9,830 orang yang mati masing-masing akan hidup dalam tempoh masa yang berbeza yang kurang

daripada 5 tahun, purata selama 2.5 tahun, iaitu, 24,575 orang-tahun ( $9,830 \times 2.5 = 24,575$ ).

${}_nS_x$  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  $285,321 / 340,894$  iaitu 0.83698.

$T_x$  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 1,053,041 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 14.4 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 life<sup>1</sup>.*
- 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:*

### **Citizens**

- a. *Bumiputera consists of Malay and Other Bumiputera*
- b. *Chinese*
- c. *Indians*
- d. *Others*

### **Non-citizens**

- 1.5 *The statistics of life expectancy for 2020 to 2023 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.*

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<sup>1</sup> 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 2021 (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 2020, 2021 and 2022.*
  - 3.2.1 *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.*
  - 3.2.2 *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.*
  - 3.2.3 *Mid-year data on deaths for 2022 refers 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.*

- 3.2.4 *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.*
- 3.3 *The abridged life tables 2022 (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 2021, 2022 and 2023 (estimates).*
- 3.3.1 *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.*
- 3.3.2 *Mid-year data on deaths for 2022 refers 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.*
- 3.3.3 *Mid-year death estimates for 2023 refer to the deaths recorded in the second half-yearly of 2022 from July to December 2022 and the first half-yearly of 2023 deaths from January to June 2023 by single age, ethnic group, sex and state. The 2023 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 2022 based on the MyCensus 2020 by single age, ethnic group, sex and state.*
- 3.4 *The abridged life tables 2023 (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 2023 refer to the deaths recorded in the second half-yearly of 2022 from July to December 2022 and the first half-yearly of 2023 deaths from January to June 2023 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 2023 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 tables<sup>2</sup>.

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:

$${}_nM_x = \frac{{}_nD_x}{{}_nP_x}$$

<sup>2</sup> 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

$\alpha$  Refers to the level of mortality

$\beta$  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:

$${}_nq_x = \frac{({}_nM_x)}{(1 + (n - k_x) \cdot {}_nM_x)}$$

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

Male :  ${}_1 k_0 = 0.0425 + 2.875 {}_1 q_0$

Female :  ${}_1 k_0 = 0.05 + 3.0 {}_1 q_0$

${}_4 k_1$  Death separation factors for aged 1-4 years

Male :  ${}_4 k_1 = 1.653 - 3.013 {}_1 q_0$

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 65<sup>th</sup> and 70<sup>th</sup> 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 65<sup>th</sup> will die before reaching his 70<sup>th</sup> birthday,  ${}_5q_{65}$  is 0.13449, that is, out of every 100,000 persons alive and exactly 65 years old, 13,449 will die before reaching their 70<sup>th</sup> 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, 73,094 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 9,830 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  $9,830 / 340,894$  that is, 0.02884.*

${}_nL_x$  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 340,894 person-years between exact the ages of 65 years and 70 years. Out of 73,094 person who reach the age of 65 years, the 63,264 persons who survive to the age of 70 years would live 5 years each, that is, 316,320 person-years ( $63,264 \times 5 = 316,320$  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, 24,575 person-years ( $9,830 \times 2.5 = 24,575$ ).

${}_nS_x$  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  $285,321 / 340,894$  that is 0.83698.

$T_x$  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 1,053,041 person-years after their 65<sup>th</sup> 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 65<sup>th</sup> birthday is expected to live 14.4 years more.

## 6. NOTE AND SYMBOLS

$\rho$  Preliminary

$e$  Estimates

W.P. Wilayah Persekutuan

- Nil/ blank

**PERTANYAAN BERHUBUNG DENGAN PENERBITAN INI BOLEH JUGA DIBUAT DI PEJABAT PERANGKAAN NEGERI SEPERTI BERIKUT:**

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Pengarah,  
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Pengarah,  
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