

Department of Statistics (2022): Abridged Life Tables Malaysia 2020-2022. Department of Statistics, Malaysia. Downloaded from: [www.statistics.gov.my](http://www.statistics.gov.my) (19.12.2023).



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# JADUAL HAYAT RINGKAS

*ABRIDGED LIFE TABLES*

## MALAYSIA

### 2020-2022

JABATAN PERANGKAAN MALAYSIA  
DEPARTMENT OF STATISTICS, MALAYSIA

Jadual 3.9: Jadual hayat ringkas mengikut jantina dan umur, Pulau Pinang, 2020

Table 3.9: Abridged life table by sex and age, Pulau Pinang, 2020

Umur Age	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	99,484	0.99412 <sup>a</sup>	7,423,333	74.2
1	0.00084	84	0.00021	99,447	397,579	0.99908 <sup>b</sup>	7,323,849	73.6
5	0.00084	83	0.00017	99,363	496,605	0.99910	6,926,270	69.7
10	0.00097	96	0.00019	99,279	496,156	0.99828	6,429,665	64.8
15	0.00248	246	0.00050	99,183	495,302	0.99737	5,933,509	59.8
20	0.00279	276	0.00056	98,938	493,998	0.99722	5,438,207	55.0
25	0.00277	273	0.00055	98,662	492,625	0.99619	4,944,209	50.1
30	0.00486	478	0.00097	98,389	490,748	0.99417	4,451,584	45.2
35	0.00681	667	0.00137	97,911	487,887	0.99043	3,960,836	40.5
40	0.01235	1,201	0.00248	97,244	483,219	0.98481	3,472,949	35.7
45	0.01806	1,735	0.00365	96,043	475,880	0.97654	2,989,730	31.1
50	0.02896	2,731	0.00588	94,308	464,715	0.96301	2,513,850	26.7
55	0.04526	4,144	0.00926	91,577	447,526	0.94394	2,049,136	22.4
60	0.06737	5,891	0.01394	87,433	422,438	0.90977	1,601,609	18.3
65	0.11474	9,356	0.02434	81,542	384,321	0.84335	1,179,171	14.5
70	0.20399	14,726	0.04543	72,186	324,117	0.73651	794,850	11.0
75	0.33823	19,435	0.08142	57,461	238,716	0.49288 <sup>c</sup>	470,733	8.2
80+	1.00000	38,026	0.16389	38,026	232,017	-	232,017	6.1
<b>Lelaki</b> <i>Male</i>								
0	0.00582	582	0.00585	100,000	99,452	0.99384 <sup>a</sup>	7,203,067	72.0
1	0.00086	85	0.00021	99,418	397,469	0.99906 <sup>b</sup>	7,103,614	71.5
5	0.00083	82	0.00017	99,333	496,457	0.99906	6,706,145	67.5
10	0.00106	105	0.00021	99,250	495,989	0.99766	6,209,688	62.6
15	0.00362	359	0.00073	99,145	494,829	0.99614	5,713,699	57.6
20	0.00410	405	0.00082	98,786	492,919	0.99608	5,218,870	52.8
25	0.00375	369	0.00075	98,381	490,984	0.99472	4,725,951	48.0
30	0.00682	669	0.00137	98,013	488,391	0.99203	4,234,967	43.2
35	0.00912	888	0.00183	97,344	484,500	0.98751	3,746,576	38.5
40	0.01589	1,533	0.00320	96,456	478,448	0.97971	3,262,076	33.8
45	0.02476	2,350	0.00501	94,923	468,741	0.96870	2,783,628	29.3
50	0.03800	3,518	0.00775	92,573	454,071	0.95199	2,314,886	25.0
55	0.05841	5,201	0.01203	89,055	432,273	0.92863	1,860,815	20.9
60	0.08515	7,140	0.01779	83,854	401,420	0.88961	1,428,542	17.0
65	0.13799	10,585	0.02964	76,714	357,106	0.81544	1,027,122	13.4
70	0.23859	15,777	0.05418	66,129	291,199	0.69833	670,016	10.1
75	0.38451	19,361	0.09521	50,351	203,353	0.46319 <sup>c</sup>	378,817	7.5
80+	1.00000	30,990	0.17662	30,990	175,464	-	175,464	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 3.9: Jadual hayat ringkas mengikut jantina dan umur, Pulau Pinang, 2020 (samb.)

Table 3.9: Abridged life table by sex and age, Pulau Pinang, 2020 (cont'd)

Umur 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	0.00521	521	0.00524	100,000	99,513	0.99444 <sup>a</sup>	7,673,789	76.7
1	0.00083	83	0.00021	99,479	397,709	0.99909 <sup>b</sup>	7,574,276	76.1
5	0.00085	85	0.00017	99,396	496,768	0.99914	7,176,567	72.2
10	0.00087	86	0.00017	99,311	496,341	0.99893	6,679,799	67.3
15	0.00128	127	0.00026	99,225	495,808	0.99868	6,183,458	62.3
20	0.00137	135	0.00027	99,098	495,151	0.99848	5,687,651	57.4
25	0.00167	165	0.00033	98,963	494,399	0.99772	5,192,499	52.5
30	0.00288	285	0.00058	98,797	493,273	0.99638	4,698,100	47.6
35	0.00436	429	0.00087	98,512	491,488	0.99357	4,204,827	42.7
40	0.00850	834	0.00171	98,083	488,330	0.99022	3,713,339	37.9
45	0.01107	1,076	0.00223	97,249	483,555	0.98460	3,225,010	33.2
50	0.01979	1,903	0.00400	96,173	476,107	0.97428	2,741,455	28.5
55	0.03177	2,995	0.00646	94,270	463,862	0.95954	2,265,348	24.0
60	0.04944	4,513	0.01014	91,275	445,092	0.92969	1,801,486	19.7
65	0.09227	8,006	0.01935	86,762	413,796	0.87066	1,356,394	15.6
70	0.17018	13,403	0.03720	78,756	360,275	0.77290	942,599	12.0
75	0.29570	19,325	0.06940	65,354	278,455	0.52182 <sup>c</sup>	582,324	8.9
80+	1.00000	46,028	0.15147	46,028	303,869	-	303,869	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+