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JABATAN PERDANA MENTERI  
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# JADUAL HAYAT RINGKAS

*ABRIDGED LIFE TABLES*

**MALAYSIA**  
**2020-2022**

JABATAN PERANGKAAN MALAYSIA  
DEPARTMENT OF STATISTICS, MALAYSIA

**Jadual 3.4: Jadual hayat ringkas mengikut jantina dan umur, Melaka, 2020**

*Table 3.4: Abridged life table by sex and age, Melaka, 2020*

| Umur<br><i>Age</i>                               | Kebarangkalian<br>mati di antara<br>umur x dan<br>umur x+n<br><i>Probability of<br/>dying between<br/>age x and<br/>age x+n</i> | Bilangan kematian<br>di antara umur x<br>dan umur x+n<br><i>Number of<br/>deaths between<br/>age x and<br/>age x+n</i> | Kadar tengah<br>mortaliti<br>di antara umur x<br>dan umur x+n<br><i>Central mortality<br/>rate between<br/>age x and<br/>age x+n</i> | Penakat<br>(orang yang<br>masih hidup)<br>pada umur<br>tepat x<br><i>Survivors at<br/>exact age x</i> | Bilangan orang<br>hidup-tahun<br>di antara umur x<br>dan umur x+n<br><i>Number of<br/>person-years<br/>lived between<br/>age x and<br/>age x+n</i> | Nisbah<br>ketakatan<br><i>Survival<br/>ratio</i> | Jumlah bilangan<br>orang hidup-tahun<br>selepas umur<br>tepat x<br><i>Total number of<br/>person-years<br/>lived after exact<br/>age x</i> | Jangkaan<br>hayat<br><i>Life<br/>expectancy</i> |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| x                                                | $nq_x$                                                                                                                          | $nd_x$                                                                                                                 | $nm_x$                                                                                                                               | $l_x$                                                                                                 | $nL_x$                                                                                                                                             | $nS_x$                                           | $T_x$                                                                                                                                      | $e_x$                                           |
| <b>Lelaki dan Perempuan</b><br><i>Both sexes</i> |                                                                                                                                 |                                                                                                                        |                                                                                                                                      |                                                                                                       |                                                                                                                                                    |                                                  |                                                                                                                                            |                                                 |
| 0                                                | 0.00621                                                                                                                         | 621                                                                                                                    | 0.00624                                                                                                                              | 100,000                                                                                               | 99,422                                                                                                                                             | 0.99343 <sup>a</sup>                             | 7,395,625                                                                                                                                  | 74.0                                            |
| 1                                                | 0.00091                                                                                                                         | 90                                                                                                                     | 0.00023                                                                                                                              | 99,379                                                                                                | 397,292                                                                                                                                            | 0.99910 <sup>b</sup>                             | 7,296,204                                                                                                                                  | 73.4                                            |
| 5                                                | 0.00071                                                                                                                         | 70                                                                                                                     | 0.00014                                                                                                                              | 99,289                                                                                                | 496,268                                                                                                                                            | 0.99910                                          | 6,898,912                                                                                                                                  | 69.5                                            |
| 10                                               | 0.00109                                                                                                                         | 108                                                                                                                    | 0.00022                                                                                                                              | 99,218                                                                                                | 495,821                                                                                                                                            | 0.99838                                          | 6,402,644                                                                                                                                  | 64.5                                            |
| 15                                               | 0.00216                                                                                                                         | 214                                                                                                                    | 0.00043                                                                                                                              | 99,110                                                                                                | 495,015                                                                                                                                            | 0.99714                                          | 5,906,823                                                                                                                                  | 59.6                                            |
| 20                                               | 0.00357                                                                                                                         | 353                                                                                                                    | 0.00071                                                                                                                              | 98,896                                                                                                | 493,599                                                                                                                                            | 0.99615                                          | 5,411,807                                                                                                                                  | 54.7                                            |
| 25                                               | 0.00414                                                                                                                         | 408                                                                                                                    | 0.00083                                                                                                                              | 98,543                                                                                                | 491,698                                                                                                                                            | 0.99564                                          | 4,918,209                                                                                                                                  | 49.9                                            |
| 30                                               | 0.00459                                                                                                                         | 450                                                                                                                    | 0.00092                                                                                                                              | 98,136                                                                                                | 489,552                                                                                                                                            | 0.99341                                          | 4,426,511                                                                                                                                  | 45.1                                            |
| 35                                               | 0.00859                                                                                                                         | 839                                                                                                                    | 0.00173                                                                                                                              | 97,685                                                                                                | 486,327                                                                                                                                            | 0.99098                                          | 3,936,959                                                                                                                                  | 40.3                                            |
| 40                                               | 0.00944                                                                                                                         | 915                                                                                                                    | 0.00190                                                                                                                              | 96,846                                                                                                | 481,942                                                                                                                                            | 0.98311                                          | 3,450,632                                                                                                                                  | 35.6                                            |
| 45                                               | 0.02440                                                                                                                         | 2,341                                                                                                                  | 0.00494                                                                                                                              | 95,931                                                                                                | 473,803                                                                                                                                            | 0.96926                                          | 2,968,691                                                                                                                                  | 30.9                                            |
| 50                                               | 0.03723                                                                                                                         | 3,485                                                                                                                  | 0.00759                                                                                                                              | 93,590                                                                                                | 459,239                                                                                                                                            | 0.95531                                          | 2,494,888                                                                                                                                  | 26.7                                            |
| 55                                               | 0.05243                                                                                                                         | 4,724                                                                                                                  | 0.01077                                                                                                                              | 90,106                                                                                                | 438,718                                                                                                                                            | 0.93281                                          | 2,035,649                                                                                                                                  | 22.6                                            |
| 60                                               | 0.08277                                                                                                                         | 7,067                                                                                                                  | 0.01727                                                                                                                              | 85,382                                                                                                | 409,239                                                                                                                                            | 0.90601                                          | 1,596,931                                                                                                                                  | 18.7                                            |
| 65                                               | 0.10622                                                                                                                         | 8,319                                                                                                                  | 0.02244                                                                                                                              | 78,314                                                                                                | 370,774                                                                                                                                            | 0.86060                                          | 1,187,691                                                                                                                                  | 15.2                                            |
| 70                                               | 0.17652                                                                                                                         | 12,356                                                                                                                 | 0.03872                                                                                                                              | 69,995                                                                                                | 319,087                                                                                                                                            | 0.76829                                          | 816,917                                                                                                                                    | 11.7                                            |
| 75                                               | 0.29874                                                                                                                         | 17,219                                                                                                                 | 0.07024                                                                                                                              | 57,640                                                                                                | 245,150                                                                                                                                            | 0.50756 <sup>c</sup>                             | 497,830                                                                                                                                    | 8.6                                             |
| 80+                                              | 1.00000                                                                                                                         | 40,420                                                                                                                 | 0.15997                                                                                                                              | 40,420                                                                                                | 252,680                                                                                                                                            | -                                                | 252,680                                                                                                                                    | 6.3                                             |
| <b>Lelaki</b><br><i>Male</i>                     |                                                                                                                                 |                                                                                                                        |                                                                                                                                      |                                                                                                       |                                                                                                                                                    |                                                  |                                                                                                                                            |                                                 |
| 0                                                | 0.00724                                                                                                                         | 724                                                                                                                    | 0.00729                                                                                                                              | 100,000                                                                                               | 99,322                                                                                                                                             | 0.99234 <sup>a</sup>                             | 7,175,368                                                                                                                                  | 71.8                                            |
| 1                                                | 0.00108                                                                                                                         | 108                                                                                                                    | 0.00027                                                                                                                              | 99,276                                                                                                | 396,849                                                                                                                                            | 0.99889 <sup>b</sup>                             | 7,076,046                                                                                                                                  | 71.3                                            |
| 5                                                | 0.00090                                                                                                                         | 89                                                                                                                     | 0.00018                                                                                                                              | 99,168                                                                                                | 495,618                                                                                                                                            | 0.99890                                          | 6,679,197                                                                                                                                  | 67.4                                            |
| 10                                               | 0.00130                                                                                                                         | 129                                                                                                                    | 0.00026                                                                                                                              | 99,079                                                                                                | 495,074                                                                                                                                            | 0.99790                                          | 6,183,579                                                                                                                                  | 62.4                                            |
| 15                                               | 0.00291                                                                                                                         | 288                                                                                                                    | 0.00058                                                                                                                              | 98,950                                                                                                | 494,032                                                                                                                                            | 0.99588                                          | 5,688,506                                                                                                                                  | 57.5                                            |
| 20                                               | 0.00533                                                                                                                         | 526                                                                                                                    | 0.00107                                                                                                                              | 98,662                                                                                                | 491,997                                                                                                                                            | 0.99444                                          | 5,194,474                                                                                                                                  | 52.6                                            |
| 25                                               | 0.00579                                                                                                                         | 568                                                                                                                    | 0.00116                                                                                                                              | 98,136                                                                                                | 489,261                                                                                                                                            | 0.99456                                          | 4,702,477                                                                                                                                  | 47.9                                            |
| 30                                               | 0.00509                                                                                                                         | 497                                                                                                                    | 0.00102                                                                                                                              | 97,568                                                                                                | 486,598                                                                                                                                            | 0.99198                                          | 4,213,215                                                                                                                                  | 43.2                                            |
| 35                                               | 0.01096                                                                                                                         | 1,063                                                                                                                  | 0.00220                                                                                                                              | 97,071                                                                                                | 482,697                                                                                                                                            | 0.98848                                          | 3,726,617                                                                                                                                  | 38.4                                            |
| 40                                               | 0.01210                                                                                                                         | 1,162                                                                                                                  | 0.00243                                                                                                                              | 96,008                                                                                                | 477,135                                                                                                                                            | 0.97859                                          | 3,243,920                                                                                                                                  | 33.8                                            |
| 45                                               | 0.03084                                                                                                                         | 2,925                                                                                                                  | 0.00626                                                                                                                              | 94,846                                                                                                | 466,918                                                                                                                                            | 0.96179                                          | 2,766,786                                                                                                                                  | 29.2                                            |
| 50                                               | 0.04582                                                                                                                         | 4,212                                                                                                                  | 0.00938                                                                                                                              | 91,921                                                                                                | 449,076                                                                                                                                            | 0.94310                                          | 2,299,867                                                                                                                                  | 25.0                                            |
| 55                                               | 0.06852                                                                                                                         | 6,009                                                                                                                  | 0.01419                                                                                                                              | 87,709                                                                                                | 423,522                                                                                                                                            | 0.91608                                          | 1,850,791                                                                                                                                  | 21.1                                            |
| 60                                               | 0.10046                                                                                                                         | 8,208                                                                                                                  | 0.02115                                                                                                                              | 81,700                                                                                                | 387,980                                                                                                                                            | 0.88530                                          | 1,427,269                                                                                                                                  | 17.5                                            |
| 65                                               | 0.13053                                                                                                                         | 9,593                                                                                                                  | 0.02793                                                                                                                              | 73,492                                                                                                | 343,479                                                                                                                                            | 0.83328                                          | 1,039,289                                                                                                                                  | 14.1                                            |
| 70                                               | 0.20834                                                                                                                         | 13,313                                                                                                                 | 0.04651                                                                                                                              | 63,899                                                                                                | 286,215                                                                                                                                            | 0.73819                                          | 695,810                                                                                                                                    | 10.9                                            |
| 75                                               | 0.32934                                                                                                                         | 16,660                                                                                                                 | 0.07885                                                                                                                              | 50,587                                                                                                | 211,282                                                                                                                                            | 0.48417 <sup>c</sup>                             | 409,595                                                                                                                                    | 8.1                                             |
| 80+                                              | 1.00000                                                                                                                         | 33,926                                                                                                                 | 0.17107                                                                                                                              | 33,926                                                                                                | 198,313                                                                                                                                            | -                                                | 198,313                                                                                                                                    | 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 3.4: Jadual hayat ringkas mengikut jantina dan umur, Melaka, 2020 (samb.)**

*Table 3.4: Abridged life table by sex and age, Melaka, 2020 (cont'd)*

| Umur<br><i>Age</i>                | Kebarangkalian<br>mati di antara<br>umur x dan<br>umur x+n<br><i>Probability of<br/>dying between<br/>age x and<br/>age x+n</i> | Bilangan kematian<br>di antara umur x<br>dan umur x+n<br><i>Number of<br/>deaths between<br/>age x and<br/>age x+n</i> | Kadar tengah<br>mortaliti<br>di antara umur x<br>dan umur x+n<br><i>Central mortality<br/>rate between<br/>age x and<br/>age x+n</i> | Penakat<br>(orang yang<br>masih hidup)<br>pada umur<br>tepat x<br><i>Survivors at<br/>exact age x</i> | Bilangan orang<br>hidup-tahun<br>di antara umur x<br>dan umur x+n<br><i>Number of<br/>person-years<br/>lived between<br/>age x and<br/>age x+n</i> | Nisbah<br>ketakatan<br><i>Survival<br/>ratio</i> | Jumlah bilangan<br>orang hidup-tahun<br>selepas umur<br>tepat x<br><i>Total number of<br/>person-years<br/>lived after exact<br/>age x</i> | Jangkaan<br>hayat<br><i>Life<br/>expectancy</i> |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| x                                 | $nq_x$                                                                                                                          | $nd_x$                                                                                                                 | $nm_x$                                                                                                                               | $l_x$                                                                                                 | $nL_x$                                                                                                                                             | $nS_x$                                           | $T_x$                                                                                                                                      | $e_x$                                           |
| <b>Perempuan</b><br><i>Female</i> |                                                                                                                                 |                                                                                                                        |                                                                                                                                      |                                                                                                       |                                                                                                                                                    |                                                  |                                                                                                                                            |                                                 |
| 0                                 | 0.00512                                                                                                                         | 512                                                                                                                    | 0.00514                                                                                                                              | 100,000                                                                                               | 99,522                                                                                                                                             | 0.99460 <sup>a</sup>                             | 7,642,713                                                                                                                                  | 76.4                                            |
| 1                                 | 0.00072                                                                                                                         | 72                                                                                                                     | 0.00018                                                                                                                              | 99,488                                                                                                | 397,776                                                                                                                                            | 0.99932 <sup>b</sup>                             | 7,543,191                                                                                                                                  | 75.8                                            |
| 5                                 | 0.00050                                                                                                                         | 50                                                                                                                     | 0.00010                                                                                                                              | 99,417                                                                                                | 496,958                                                                                                                                            | 0.99932                                          | 7,145,415                                                                                                                                  | 71.9                                            |
| 10                                | 0.00087                                                                                                                         | 86                                                                                                                     | 0.00017                                                                                                                              | 99,367                                                                                                | 496,618                                                                                                                                            | 0.99891                                          | 6,648,457                                                                                                                                  | 66.9                                            |
| 15                                | 0.00131                                                                                                                         | 130                                                                                                                    | 0.00026                                                                                                                              | 99,281                                                                                                | 496,078                                                                                                                                            | 0.99858                                          | 6,151,839                                                                                                                                  | 62.0                                            |
| 20                                | 0.00153                                                                                                                         | 152                                                                                                                    | 0.00031                                                                                                                              | 99,150                                                                                                | 495,373                                                                                                                                            | 0.99809                                          | 5,655,761                                                                                                                                  | 57.0                                            |
| 25                                | 0.00229                                                                                                                         | 227                                                                                                                    | 0.00046                                                                                                                              | 98,999                                                                                                | 494,426                                                                                                                                            | 0.99695                                          | 5,160,388                                                                                                                                  | 52.1                                            |
| 30                                | 0.00382                                                                                                                         | 377                                                                                                                    | 0.00076                                                                                                                              | 98,772                                                                                                | 492,916                                                                                                                                            | 0.99521                                          | 4,665,962                                                                                                                                  | 47.2                                            |
| 35                                | 0.00578                                                                                                                         | 568                                                                                                                    | 0.00116                                                                                                                              | 98,395                                                                                                | 490,553                                                                                                                                            | 0.99384                                          | 4,173,045                                                                                                                                  | 42.4                                            |
| 40                                | 0.00654                                                                                                                         | 640                                                                                                                    | 0.00131                                                                                                                              | 97,827                                                                                                | 487,533                                                                                                                                            | 0.98774                                          | 3,682,492                                                                                                                                  | 37.6                                            |
| 45                                | 0.01801                                                                                                                         | 1,750                                                                                                                  | 0.00363                                                                                                                              | 97,187                                                                                                | 481,558                                                                                                                                            | 0.97661                                          | 3,194,959                                                                                                                                  | 32.9                                            |
| 50                                | 0.02887                                                                                                                         | 2,756                                                                                                                  | 0.00586                                                                                                                              | 95,436                                                                                                | 470,292                                                                                                                                            | 0.96738                                          | 2,713,401                                                                                                                                  | 28.4                                            |
| 55                                | 0.03648                                                                                                                         | 3,381                                                                                                                  | 0.00743                                                                                                                              | 92,681                                                                                                | 454,952                                                                                                                                            | 0.94941                                          | 2,243,108                                                                                                                                  | 24.2                                            |
| 60                                | 0.06524                                                                                                                         | 5,826                                                                                                                  | 0.01349                                                                                                                              | 89,300                                                                                                | 431,936                                                                                                                                            | 0.92569                                          | 1,788,157                                                                                                                                  | 20.0                                            |
| 65                                | 0.08401                                                                                                                         | 7,013                                                                                                                  | 0.01754                                                                                                                              | 83,474                                                                                                | 399,840                                                                                                                                            | 0.88655                                          | 1,356,221                                                                                                                                  | 16.2                                            |
| 70                                | 0.14559                                                                                                                         | 11,132                                                                                                                 | 0.03140                                                                                                                              | 76,462                                                                                                | 354,478                                                                                                                                            | 0.79683                                          | 956,381                                                                                                                                    | 12.5                                            |
| 75                                | 0.27056                                                                                                                         | 17,676                                                                                                                 | 0.06258                                                                                                                              | 65,330                                                                                                | 282,460                                                                                                                                            | 0.53072 <sup>c</sup>                             | 601,903                                                                                                                                    | 9.2                                             |
| 80+                               | 1.00000                                                                                                                         | 47,654                                                                                                                 | 0.14918                                                                                                                              | 47,654                                                                                                | 319,443                                                                                                                                            | -                                                | 319,443                                                                                                                                    | 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+*