



Complete Life Tables for Singapore Resident Population 2021-2022

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Our Vision

National Statistical Service of Quality, Integrity and Expertise

Our Mission

We deliver Insightful Statistics and Trusted Statistical Services that
Empower Decision Making

Our Guiding Principles

- | | |
|--|--|
| Professionalism & Expertise | <i>We adhere to professional ethics and develop statistical competency to produce quality statistics that comply with international concepts and best practices.</i> |
| Relevance & Reliability | <i>We produce statistics that users need and trust.</i> |
| Accessibility | <i>We make our statistics readily available through user-friendly platforms.</i> |
| Confidentiality | <i>We protect the confidentiality of information collected by us.</i> |
| Timeliness | <i>We disseminate statistics at the earliest possible date while maintaining data quality.</i> |
| Innovation | <i>We constantly seek ways to improve our processes, leveraging on new technology where feasible, to deliver better products and services to users.</i> |
| Collaboration | <i>We engage users on data needs, data providers and respondents on supply of data, and undertake the role of national statistical coordination.</i> |
| Effectiveness | <i>We optimise resource utilisation, leveraging on administrative and alternative data sources to ease respondent burden.</i> |

Complete Life Tables for Singapore Resident Population, 2021-2022

Background

1. This annual publication reports the key trends in life expectancy for 2021-2022 based on the complete life tables¹. [Complete life tables since 2003 and an interactive Life Expectancy Calculator](#) are available on the Singstat website.
2. These life tables depict the mortality experience of a given population, assuming that this group is subject to the current age-specific mortality rates of the reference period throughout their lives.
3. Data on life expectancy in this report shows the average number of additional years that persons (at birth or at a specific age such as age 65 years) might expect to live if these mortality rates apply throughout their lives. It does not take into account future changes in mortality. The derived life expectancies give an indication of the average longevity of the population, but do not necessarily reflect the longevity of an individual.

Key Trends

4. Life expectancy improved for the Singapore resident population over the last decade. Declines in life expectancy were however observed in recent years from 2020 to 2022, arising from higher mortality rates due to the COVID-19 pandemic².
5. As the life expectancy data for 2020 to 2022 assumes that the higher mortality rates due to the pandemic apply throughout a lifetime (as mentioned in paragraphs 2 and 3), **they may not be representative of the number of years individuals can expect to live, if mortality rates were to return to pre-pandemic levels.**

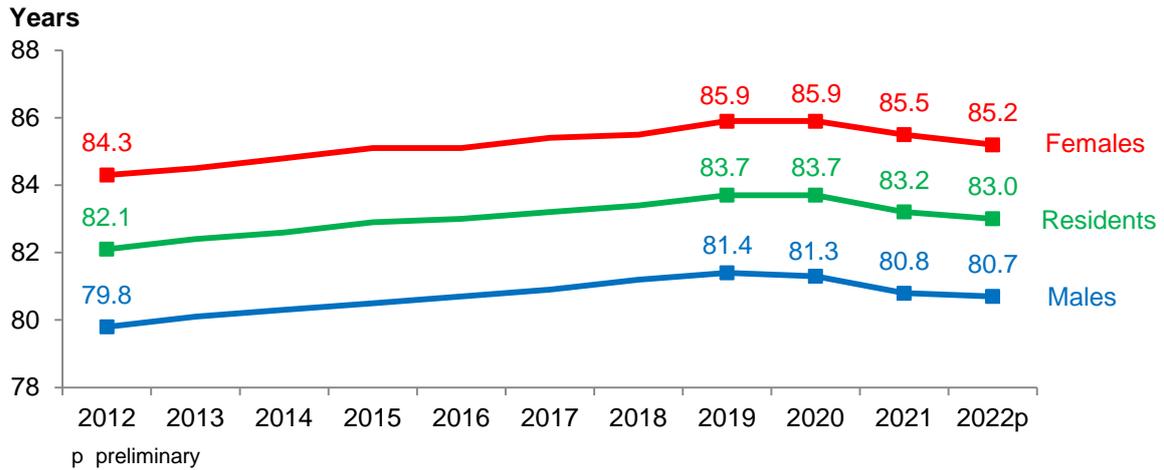
Life Expectancy at Birth

6. Life expectancy at birth of Singapore residents was 83.0 years in 2022, a decline of 0.2 years from 83.2 years in 2021 (Chart 1). Compared with the pre-COVID life expectancy of 83.7 years in 2019, life expectancy at birth decreased by 0.7 years over two consecutive declines in 2021 and 2022. Nonetheless, life expectancy at birth of Singapore residents still improved by 0.9 years over the last decade, from 82.1 years in 2012.

¹ The methodology for constructing complete life tables for the Singapore resident population is presented in the Singapore Department of Statistics' Information Paper "[Complete Life Tables 2003 – 2006 for Singapore Resident Population](#)". To reduce the impact of year to year random fluctuations, central death rates are derived based on the average number of deaths over a 3-year period and the mid-year population. The death rates for 2022 are preliminary as they are derived based on the average number of deaths and mid-year population in 2021 and 2022.

² For more information on excess mortality during the COVID-19 pandemic, please refer to <https://www.moh.gov.sg/resources-statistics/reports/report-on-excess-mortality-during-the-covid-19-pandemic-up-to-june-2022>.

Chart 1: Life Expectancy at Birth of Singapore's Resident Population

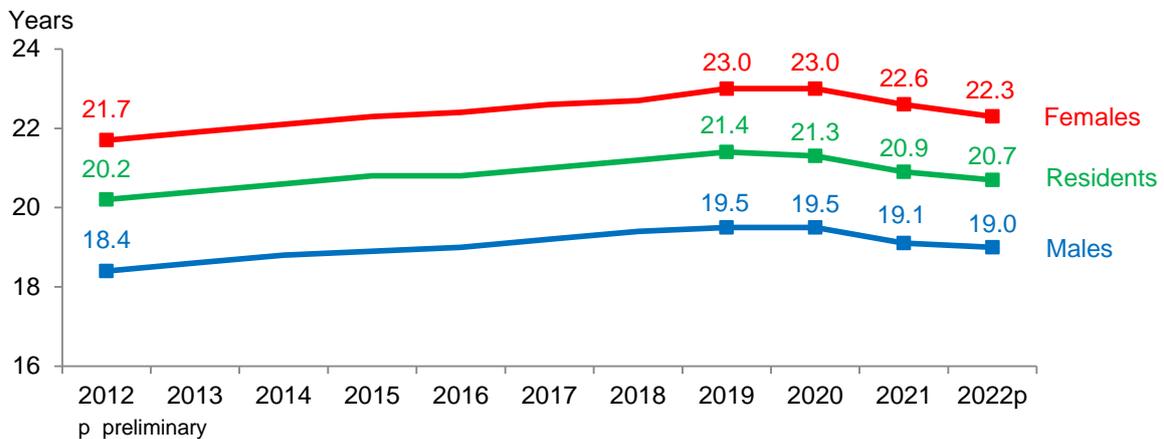


7. In 2022, the life expectancy at birth of resident males was 80.7 years, a decline of 0.1 years from 80.8 years in 2021. For females, it was 85.2 years in 2022, down 0.3 years from 85.5 years in the previous year. Compared with 2012, both male and female life expectancies at birth improved by 0.9 years over the last decade.

Life Expectancy at Age 65 Years

8. Life expectancy at age 65 years increased 0.5 years over the last ten years, from 20.2 years in 2012 to 20.7 years in 2022. It however declined 0.2 years from 20.9 years in 2021 (Chart 2). Similar trends were observed for both males and females.

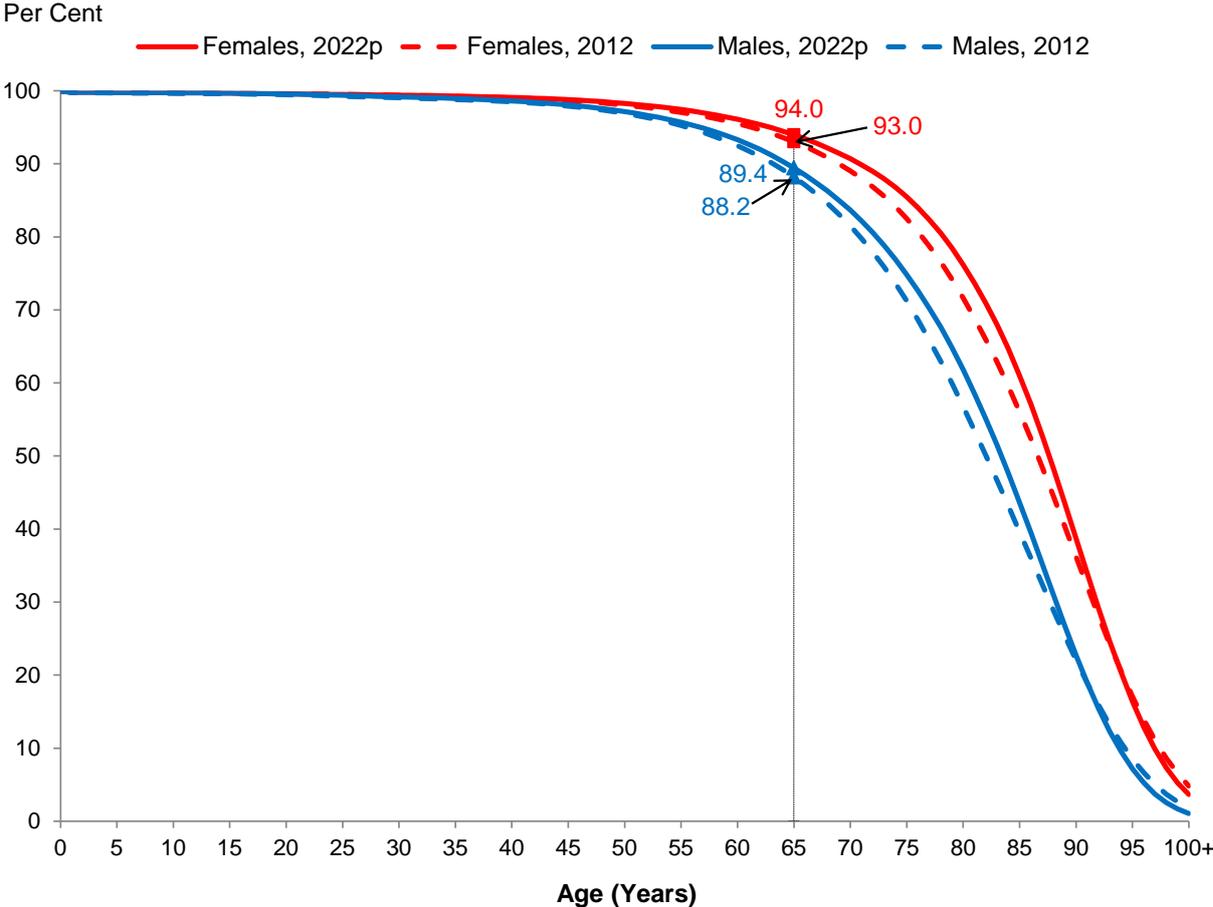
Chart 2: Life Expectancy at Age 65 Years of Singapore's Resident Population



Proportion of New-Born Babies Expected to be Alive³

9. The expected survival rates of Singapore resident new-borns continued to improve in general over the past decade⁴. In 2022, 89.4 per cent of new-born boys are expected to be alive at age 65 years, higher than the 88.2 per cent in 2012 (Chart 5). For new-born girls, in 2022, 94.0 per cent of them are expected to be alive at age 65 years, up from 93.0 per cent in 2012.

Chart 5: Proportion of New-Born Babies Expected to be Alive



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³ The proportion of new-born babies expected to be alive at age x is computed as the number of survivors at age x (l_x) divided by the hypothetical population of 100,000 (l_0) at age 0.

⁴ With the large increase in number of deaths among older age groups relative to those of younger age groups in 2022 amidst the COVID-19 pandemic, the proportion of new-born babies expected to be alive at age 92 years onwards for males, and age 94 years onwards for females, were lower than that in 2012.

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