

| Contents                                                                | World population                                                                                            |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <a href="#">Metadata</a>                                                | Information about this file                                                                                 |
| <a href="#">Total2017</a>                                               | Total human population, with projections from 2017 UN report, worldwide, 1-2100, (billion people)           |
| <a href="#">Total2019</a>                                               | Total human population, with projections from 2019 UN report, worldwide, 1-2100, (billion people)           |
| <a href="#">0-20_2019</a>                                               | Human population, aged 0-20, with projections from 2019 UN report, worldwide, 1950-2100, (billion people)   |
| <a href="#">21-40_2019</a>                                              | Human population, aged 21-40, with projections from 2019 UN report, worldwide, 1950-2100, (billion people)  |
| <a href="#">41-60_2019</a>                                              | Human population, aged 41-60, with projections from 2019 UN report, worldwide, 1950-2100, (billion people)  |
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| <a href="#">81-100_2019</a>                                             | Human population, aged 81-100, with projections from 2019 UN report, worldwide, 1950-2100, (billion people) |
| <a href="http://www.dannydorling.org/">http://www.dannydorling.org/</a> |                                                                                                             |

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## Metadata

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These reference tables contain statistics of the world total population and of the world population by age groups. Except for Total2017, which uses the UN report 2017, all the other tables use the UN report 2019. The graph besides each table shows the total population of that year, and the absolute change over time. The x-axis is the absolute change while the y-axis is the total population. Each circle represents a certain year.

The effect of the post-war baby boom can be seen in each graph, then deceleration follows.

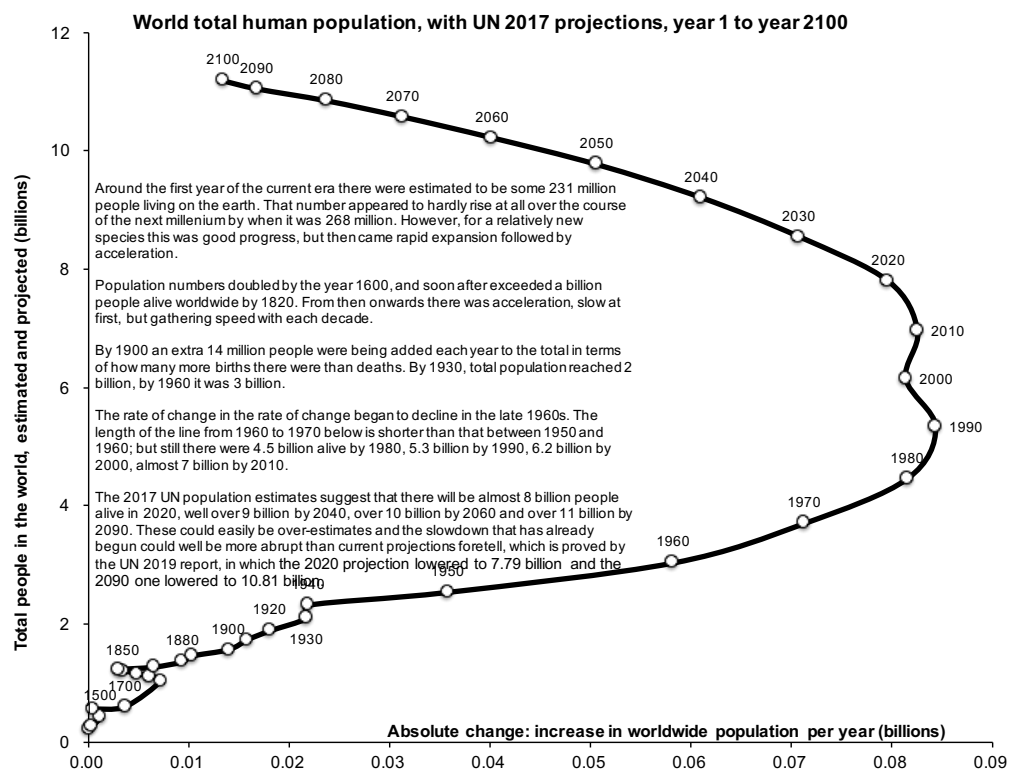
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**Total human population, with projections from 2017 UN report, worldwide, 1-2100, (billion people)**

Source: Angus Maddison time series to 1950, then UN world population prospects 2017 onwards - central projection, <https://population.un.org/wpp/Download/Standard/Population/>; 25 June 2019  
Frequency: Century before 1820 and decade since 1820, End of period

| Observation date | Absolute change (billion people) | Total (billion people) | Label |
|------------------|----------------------------------|------------------------|-------|
| 1                | 0.0000                           | 0.23                   | 1     |
| 1000             | 0.0003                           | 0.27                   |       |
| 1500             | 0.0012                           | 0.44                   | 1500  |
| 1600             | 0.0005                           | 0.56                   |       |
| 1700             | 0.0037                           | 0.60                   | 1700  |
| 1820             | 0.0072                           | 1.04                   |       |
| 1830             | 0.0061                           | 1.11                   |       |
| 1840             | 0.0049                           | 1.16                   |       |
| 1850             | 0.0034                           | 1.21                   | 1850  |
| 1860             | 0.0030                           | 1.23                   |       |
| 1870             | 0.0065                           | 1.27                   |       |
| 1880             | 0.0094                           | 1.36                   | 1880  |
| 1890             | 0.0103                           | 1.46                   |       |
| 1900             | 0.0139                           | 1.57                   | 1900  |
| 1910             | 0.0159                           | 1.74                   |       |
| 1920             | 0.0180                           | 1.88                   | 1920  |
| 1930             | 0.0217                           | 2.10                   | 1930  |
| 1940             | 0.0219                           | 2.32                   | 1940  |
| 1950             | 0.0358                           | 2.54                   | 1950  |
| 1960             | 0.0582                           | 3.03                   | 1960  |
| 1970             | 0.0713                           | 3.70                   | 1970  |
| 1980             | 0.0815                           | 4.46                   | 1980  |
| 1990             | 0.0843                           | 5.33                   | 1990  |
| 2000             | 0.0814                           | 6.15                   | 2000  |
| 2010             | 0.0825                           | 6.96                   | 2010  |
| 2020             | 0.0797                           | 7.80                   | 2020  |
| 2030             | 0.0707                           | 8.55                   | 2030  |
| 2040             | 0.0610                           | 9.21                   | 2040  |
| 2050             | 0.0506                           | 9.77                   | 2050  |
| 2060             | 0.0402                           | 10.22                  | 2060  |
| 2070             | 0.0313                           | 10.58                  | 2070  |
| 2080             | 0.0237                           | 10.85                  | 2080  |
| 2090             | 0.0168                           | 11.05                  | 2090  |
| 2100             | 0.0134                           | 11.18                  | 2100  |

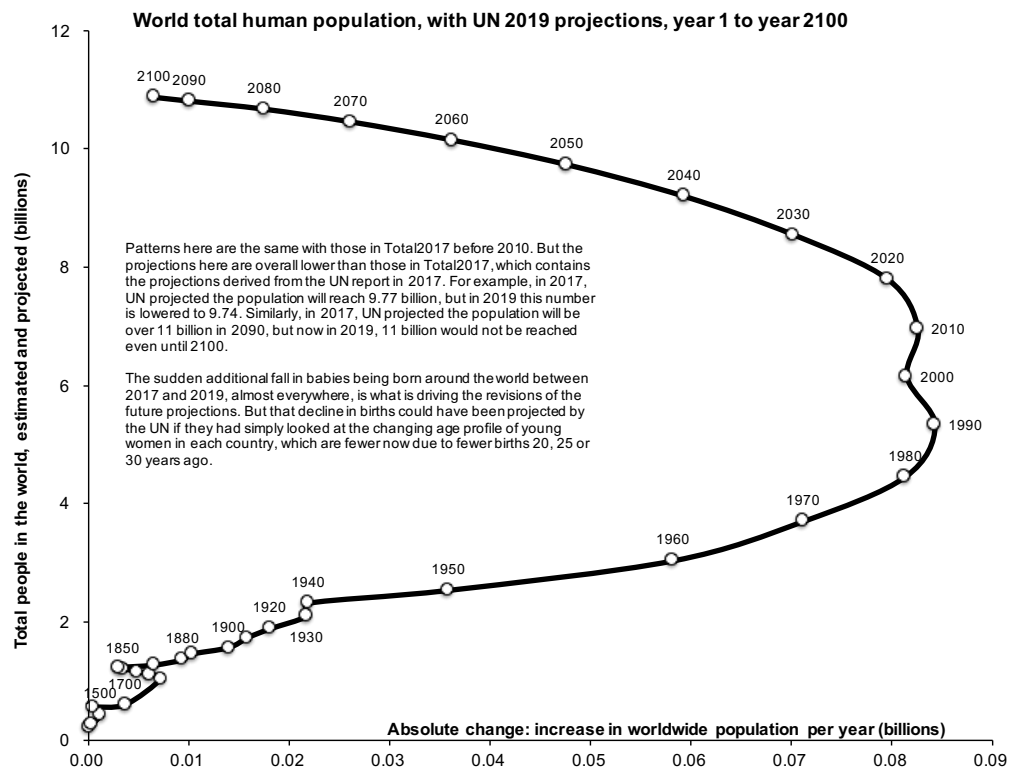


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**Total human population, with projections from 2019 UN report, worldwide, 1-2100, (billion people)**

Source: Angus Maddison time series to 1950, then United Nations, Department of Economic and Social Affairs, Population Division (2019). World Population Prospects 2019, Online Edition; <https://population.un.org/wpp/Download/Standard/Population/>; 25 June 2019  
Frequency: Century before 1820 and decade since 1820, End of period

| Observation date | Absolute change (billion people) | Total (billion people) | Label |
|------------------|----------------------------------|------------------------|-------|
| 1                | 0.0000                           | 0.23                   | 1     |
| 1000             | 0.0003                           | 0.27                   |       |
| 1500             | 0.0012                           | 0.44                   | 1500  |
| 1600             | 0.0005                           | 0.56                   |       |
| 1700             | 0.0037                           | 0.60                   | 1700  |
| 1820             | 0.0072                           | 1.04                   |       |
| 1830             | 0.0061                           | 1.11                   |       |
| 1840             | 0.0049                           | 1.16                   |       |
| 1850             | 0.0034                           | 1.21                   | 1850  |
| 1860             | 0.0030                           | 1.23                   |       |
| 1870             | 0.0065                           | 1.27                   |       |
| 1880             | 0.0094                           | 1.36                   | 1880  |
| 1890             | 0.0103                           | 1.46                   |       |
| 1900             | 0.0139                           | 1.57                   | 1900  |
| 1910             | 0.0159                           | 1.74                   |       |
| 1920             | 0.0180                           | 1.88                   | 1920  |
| 1930             | 0.0217                           | 2.10                   | 1930  |
| 1940             | 0.0219                           | 2.32                   | 1940  |
| 1950             | 0.0358                           | 2.54                   | 1950  |
| 1960             | 0.0582                           | 3.03                   | 1960  |
| 1970             | 0.0712                           | 3.70                   | 1970  |
| 1980             | 0.0813                           | 4.46                   | 1980  |
| 1990             | 0.0843                           | 5.33                   | 1990  |
| 2000             | 0.0815                           | 6.14                   | 2000  |
| 2010             | 0.0826                           | 6.96                   | 2010  |
| 2020             | 0.0796                           | 7.79                   | 2020  |
| 2030             | 0.0702                           | 8.55                   | 2030  |
| 2040             | 0.0593                           | 9.20                   | 2040  |
| 2050             | 0.0476                           | 9.74                   | 2050  |
| 2060             | 0.0362                           | 10.15                  | 2060  |
| 2070             | 0.0261                           | 10.46                  | 2070  |
| 2080             | 0.0175                           | 10.67                  | 2080  |
| 2090             | 0.0101                           | 10.81                  | 2090  |
| 2100             | 0.0065                           | 10.87                  | 2100  |

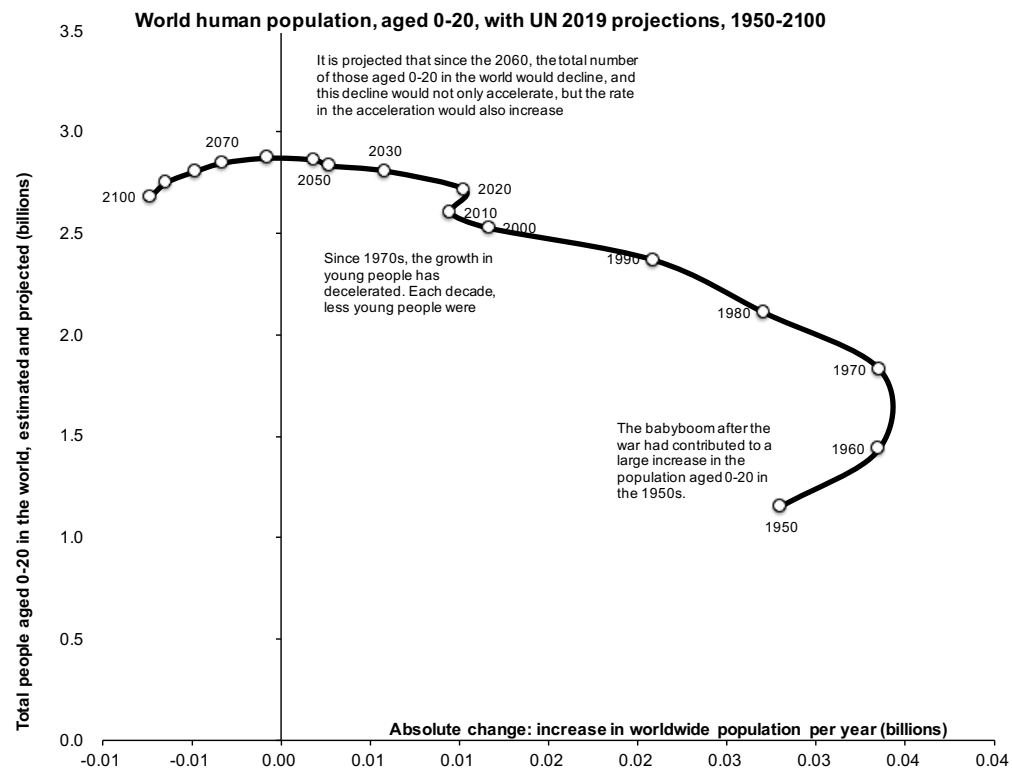


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**Human population, aged 0-20, with projections from 2019 UN report, worldwide, 1950-2100, (billion people)**

Source: United Nations, Department of Economic and Social Affairs, Population Division (2019). World Population Prospects 2019, Online Edition; <https://population.un.org/wpp/Download/Standard/Population/>; 25 June 2019  
Frequency: Decade, End of period

| Observation date | Absolute change (billion people) | Total (billion people) | Label |
|------------------|----------------------------------|------------------------|-------|
| 1950             | 0.0281                           | 1.16                   | 1950  |
| 1960             | 0.0335                           | 1.44                   | 1960  |
| 1970             | 0.0336                           | 1.83                   | 1970  |
| 1980             | 0.0271                           | 2.11                   | 1980  |
| 1990             | 0.0209                           | 2.37                   | 1990  |
| 2000             | 0.0117                           | 2.53                   | 2000  |
| 2010             | 0.0095                           | 2.60                   | 2010  |
| 2020             | 0.0103                           | 2.72                   | 2020  |
| 2030             | 0.0059                           | 2.81                   | 2030  |
| 2040             | 0.0027                           | 2.83                   |       |
| 2050             | 0.0019                           | 2.86                   | 2050  |
| 2060             | -0.0007                          | 2.87                   |       |
| 2070             | -0.0033                          | 2.85                   | 2070  |
| 2080             | -0.0048                          | 2.81                   |       |
| 2090             | -0.0064                          | 2.75                   |       |
| 2100             | -0.0073                          | 2.68                   | 2100  |

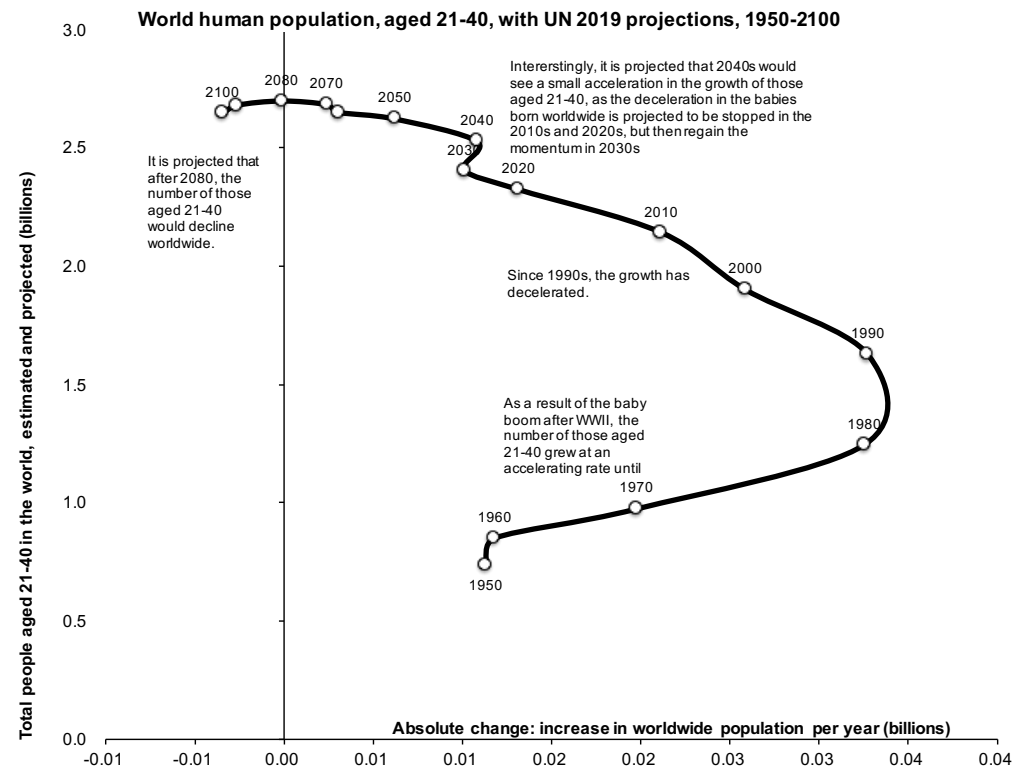


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**Human population, aged 21-40, with projections from 2019 UN report, worldwide, 1950-2100, (billion people)**

Source: United Nations, Department of Economic and Social Affairs, Population Division (2019). World Population Prospects 2019, Online Edition; <https://population.un.org/wpp/Download/Standard/Population/>; 25 June 2019  
Frequency: Decade, End of period

| Observation date | Absolute change (billion people) | Total (billion people) | Label |
|------------------|----------------------------------|------------------------|-------|
| 1950             | 0.0113                           | 0.74                   | 1950  |
| 1960             | 0.0118                           | 0.85                   | 1960  |
| 1970             | 0.0198                           | 0.97                   | 1970  |
| 1980             | 0.0325                           | 1.25                   | 1980  |
| 1990             | 0.0327                           | 1.63                   | 1990  |
| 2000             | 0.0259                           | 1.90                   | 2000  |
| 2010             | 0.0212                           | 2.14                   | 2010  |
| 2020             | 0.0132                           | 2.32                   | 2020  |
| 2030             | 0.0101                           | 2.41                   | 2030  |
| 2040             | 0.0108                           | 2.53                   | 2040  |
| 2050             | 0.0062                           | 2.62                   | 2050  |
| 2060             | 0.0031                           | 2.65                   |       |
| 2070             | 0.0024                           | 2.68                   | 2070  |
| 2080             | -0.0001                          | 2.70                   | 2080  |
| 2090             | -0.0026                          | 2.68                   |       |
| 2100             | -0.0034                          | 2.65                   | 2100  |

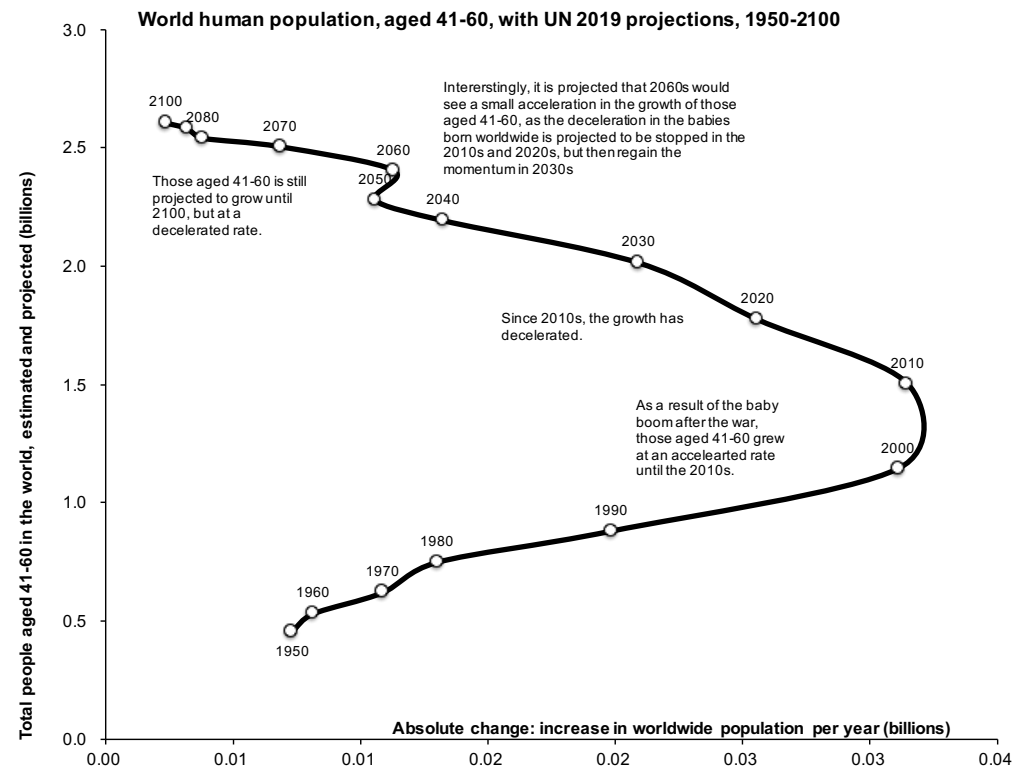


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**Human population, aged 41-60, with projections from 2019 UN report, worldwide, 1950-2100, (billion people)**

Source: United Nations, Department of Economic and Social Affairs, Population Division (2019). World Population Prospects 2019, Online Edition; <https://population.un.org/wpp/Download/Standard/Population/>; 25 June 2019  
Frequency: Decade, End of period

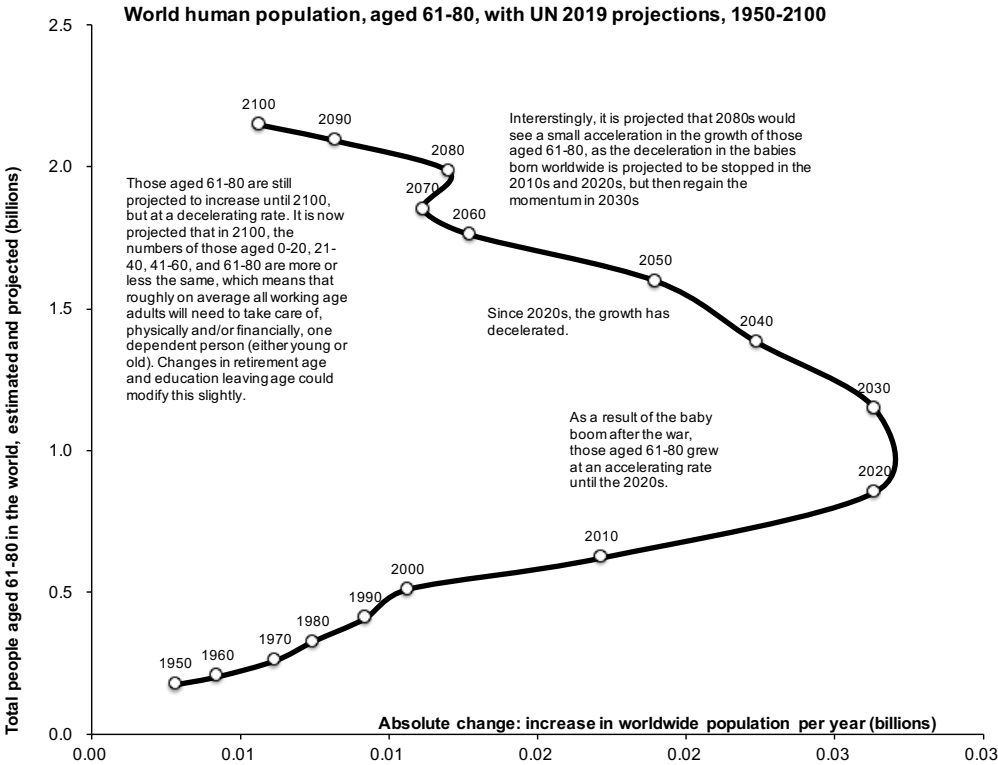
| Observation date | Absolute change (billion people) | Total (billion people) | Label |
|------------------|----------------------------------|------------------------|-------|
| 1950             | 0.0073                           | 0.46                   | 1950  |
| 1960             | 0.0081                           | 0.53                   | 1960  |
| 1970             | 0.0109                           | 0.62                   | 1970  |
| 1980             | 0.0130                           | 0.75                   | 1980  |
| 1990             | 0.0198                           | 0.88                   | 1990  |
| 2000             | 0.0311                           | 1.14                   | 2000  |
| 2010             | 0.0315                           | 1.50                   | 2010  |
| 2020             | 0.0256                           | 1.77                   | 2020  |
| 2030             | 0.0209                           | 2.01                   | 2030  |
| 2040             | 0.0133                           | 2.19                   | 2040  |
| 2050             | 0.0106                           | 2.28                   | 2050  |
| 2060             | 0.0113                           | 2.40                   | 2060  |
| 2070             | 0.0069                           | 2.51                   | 2070  |
| 2080             | 0.0038                           | 2.54                   | 2080  |
| 2090             | 0.0032                           | 2.58                   | 2090  |
| 2100             | 0.0024                           | 2.61                   | 2100  |



**Human population, aged 61-80, with projections from 2019 UN report, worldwide, 1950-2100, (billion people)**

Source: United Nations, Department of Economic and Social Affairs, Population Division (2019). World Population Prospects 2019, Online Edition; <https://population.un.org/wpp/Download/Standard/Population/>; 25 June 2019  
Frequency: Decade, End of period

| Observation date | Absolute change (billion people) | Total (billion people) | Label |
|------------------|----------------------------------|------------------------|-------|
| 1950             | 0.0028                           | 0.17                   | 1950  |
| 1960             | 0.0043                           | 0.20                   | 1960  |
| 1970             | 0.0062                           | 0.26                   | 1970  |
| 1980             | 0.0075                           | 0.33                   | 1980  |
| 1990             | 0.0092                           | 0.41                   | 1990  |
| 2000             | 0.0106                           | 0.51                   | 2000  |
| 2010             | 0.0172                           | 0.62                   | 2010  |
| 2020             | 0.0264                           | 0.85                   | 2020  |
| 2030             | 0.0263                           | 1.15                   | 2030  |
| 2040             | 0.0224                           | 1.38                   | 2040  |
| 2050             | 0.0190                           | 1.60                   | 2050  |
| 2060             | 0.0127                           | 1.76                   | 2060  |
| 2070             | 0.0111                           | 1.85                   | 2070  |
| 2080             | 0.0120                           | 1.98                   | 2080  |
| 2090             | 0.0082                           | 2.09                   | 2090  |
| 2100             | 0.0056                           | 2.15                   | 2100  |



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**Human population, aged 81-100, with projections from 2019 UN report, worldwide, 1950-2100, (billion people)**

Source: United Nations, Department of Economic and Social Affairs, Population Division (2019). World Population Prospects 2019, Online Edition; <https://population.un.org/wpp/Download/Standard/Population/>; 25 June 2019  
Frequency: Decade, End of period

| Observation date | Absolute change (billion people) | Total (billion people) | Label |
|------------------|----------------------------------|------------------------|-------|
| 1950             | 0.0003                           | 0.01                   | 1950  |
| 1960             | 0.0005                           | 0.01                   |       |
| 1970             | 0.0007                           | 0.02                   | 1970  |
| 1980             | 0.0012                           | 0.03                   | 1980  |
| 1990             | 0.0016                           | 0.05                   | 1990  |
| 2000             | 0.0022                           | 0.06                   | 2000  |
| 2010             | 0.0033                           | 0.09                   | 2010  |
| 2020             | 0.0042                           | 0.13                   | 2020  |
| 2030             | 0.0070                           | 0.17                   | 2030  |
| 2040             | 0.0101                           | 0.27                   | 2040  |
| 2050             | 0.0099                           | 0.37                   | 2050  |
| 2060             | 0.0099                           | 0.46                   | 2060  |
| 2070             | 0.0090                           | 0.57                   | 2070  |
| 2080             | 0.0066                           | 0.64                   | 2080  |
| 2090             | 0.0077                           | 0.70                   | 2090  |
| 2100             | 0.0093                           | 0.80                   | 2100  |

