| Contents | World population, log-log scale |
| :---: | :---: |
| Metadata | Information about this file |
| Total2017 | Total human population, with projections from 2017 UN report, worldwide, 1-2100, (billion people) |
| Total2019 | Total human population, with projections from 2019 UN report, worldwide, 1-2100, (billion people) |
| 0-20 2019 | Human population, aged 21-40, with projections from 2019 UN report, worldwide, 1950-2050, (billion people) |
| 21-40 2019 | Human population, aged 21-40, with projections from 2019 UN report, worldwide, 1950-2070, (billion people) |
| 41-60 2019 | Human population, aged 41-60, with projections from 2019 UN report, worldwide, 1950-2100, (billion people) |
| 61-80 2019 | Human population, aged 61-80, with projections from 2019 UN report, worldwide, 1950-2100, (billion people) |
| 81-100 2019 | Human population, aged 81-100, with projections from 2019 UN report, worldwide, 1950-2100, (billion people) |

[^0]
## Metadata

These reference tables are exactly the same in Fig21. The only difference between this file and Fig21 one is that both axes of the timeline in this file are shown on a log scale. In doing so, the slowndown can be more obviously seen. The graph besides each table shows the total population of that year in log scale, and the absolute change, also in log scale, over time. The x-axis is the absolute change while the y-axis is the total population, all in log scale. Each circle represents a certain year.

Contents
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 | 1000 |
| 1500 | 0.0012 | 0.44 | 1500 |
| 1600 | 0.0005 | 0.56 | 1600 |
| 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 |  |
| 1860 | 0.0030 | 1.23 | 1860 |
| 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 |  |
| 1940 | 0.0219 | 2.32 | 1940 |
| 1950 | 0.0358 | 2.54 |  |
| 1960 | 0.0582 | 3.03 | 1960 |
| 1970 | 0.0713 | 3.70 |  |
| 1980 | 0.0815 | 4.46 | 1980 |
| 1990 | 0.0843 | 5.33 |  |
| 2000 | 0.0814 | 6.15 | 2000 |
| 2010 | 0.0825 | 6.96 |  |
| 2020 | 0.0797 | 7.80 | 2020 |
| 2030 | 0.0707 | 8.55 |  |
| 2040 | 0.0610 | 9.21 | 2040 |
| 2050 | 0.0506 | 9.77 |  |
| 2060 | 0.0402 | 10.22 | 2060 |
| 2070 | 0.0313 | 10.58 |  |
| 2080 | 0.0237 | 10.85 | 2080 |
| 2090 | 0.0168 | 11.05 |  |
| 2100 | 0.0134 | 11.18 | 2100 |



Contents
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 | 1000 |
| 1500 | 0.0012 | 0.44 | 1500 |
| 1600 | 0.0005 | 0.56 | 1600 |
| 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 |  |
| 1860 | 0.0030 | 1.23 | 1860 |
| 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 |  |
| 1940 | 0.0219 | 2.32 | 1940 |
| 1950 | 0.0358 | 2.54 |  |
| 1960 | 0.0582 | 3.03 | 1960 |
| 1970 | 0.0712 | 3.70 |  |
| 1980 | 0.0813 | 4.46 | 1980 |
| 1990 | 0.0843 | 5.33 |  |
| 2000 | 0.0815 | 6.14 | 2000 |
| 2010 | 0.0826 | 6.96 |  |
| 2020 | 0.0796 | 7.79 | 2020 |
| 2030 | 0.0702 | 8.55 |  |
| 2040 | 0.0593 | 9.20 | 2040 |
| 2050 | 0.0476 | 9.74 |  |
| 2060 | 0.0362 | 10.15 | 2060 |
| 2070 | 0.0261 | 10.46 |  |
| 2080 | 0.0175 | 10.67 | 2080 |
| 2090 | 0.0101 | 10.81 |  |
| 2100 | 0.0065 | 10.87 | 2100 |



Contents
Human population, aged 0-20, with projections from 2019 UN report, worldwide, 1950-2050, (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 Note: The log scale cannot deal with negative number, hence the timeline here is restricted to 1950-2050
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 | 0.0071 | 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 | 2040 |
| 2050 | 0.0019 | 2.86 | 2050 |
| 2060 | -0.0007 | 2.87 |  |
| 2070 | -0.0033 | 2.85 |  |
| 2080 | -0.0048 | 2.81 |  |
| 2090 | -0.0064 | 2.75 |  |
| 2100 | -0.0073 | 2.68 |  |

Contents
Human population, aged 21-40, with projections from 2019 UN report, worldwide, 1950-2070, (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 Note: The log scale cannot deal with negative number, hence the timeline here is restricted to 1950-2070
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 | 2060 |
| 2070 | 0.0024 | 2.68 | 2070 |
| 2080 | -0.0001 | 2.70 | 2080 |
| 2090 | -0.0006 | 2.68 | 2090 |
| 2100 | -0.0034 | 2.65 | 2100 |

Contents
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 | 0.46 | 1950 |  |
| 1960 | 0.0073 | 0.53 | 1960 |
| 1970 | 0.0081 | 0.62 | 1970 |
| 1980 | 0.0109 | 0.75 | 1980 |
| 1990 | 0.0130 | 0.88 | 1990 |
| 2000 | 0.0198 | 1.14 | 2000 |
| 200 | 0.0311 | 1.50 | 2010 |
| 2020 | 0.0315 | 1.77 | 2020 |
| 2030 | 0.0256 | 2.01 |  |
| 2040 | 0.0209 | 2.19 |  |
| 2050 | 0.0193 | 2.28 | 2050 |
| 2060 | 0.0106 | 2.40 | 2000 |
| 2070 | 0.0113 | 2.51 | 2070 |
| 2080 | 0.0009 | 2.54 | 2080 |
| 2090 | 0.0038 | 2.58 |  |
| 2100 | 0.0032 | 2.61 |  |



Contents
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 | 0.17 | 1950 |  |
| 1900 | 0.0028 | 0.20 | 1960 |
| 1970 | 0.0043 | 0.26 | 1970 |
| 1980 | 0.0062 | 0.33 | 1980 |
| 1990 | 0.0075 | 0.41 | 1990 |
| 2000 | 0.0092 | 0.51 | 2000 |
| 2010 | 0.0106 | 0.62 | 2010 |
| 2020 | 0.0172 | 0.85 | 2020 |
| 2030 | 0.0264 | 1.15 | 2030 |
| 2040 | 0.0263 | 1.38 | 2000 |
| 2050 | 0.0224 | 1.60 | 2050 |
| 2060 | 0.0190 | 1.76 | 2060 |
| 2007 | 0.0127 | 1.85 | 2070 |
| 2080 | 0.0111 | 1.98 | 2080 |
| 2090 | 0.0120 | 2.09 | 2090 |
| 2100 | 0.0082 | 2.15 | 2100 |

Contents
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 201 Frequency: Decade, End of period

| Observation date | Absolute change (billion people) | Total (billion people) | Label |
| :--- | :--- | :--- | :--- |
| 1950 | 0.01 | 1990 |  |
| 1960 | 0.0003 | 0.01 | 1960 |
| 1970 | 0.0005 | 0.02 | 1970 |
| 1980 | 0.0007 | 0.03 | 180 |
| 1990 | 0.0012 | 0.05 | 1990 |
| 2000 | 0.0016 | 0.06 | 2000 |
| 200 | 0.0022 | 0.09 | 2010 |
| 2020 | 0.0033 | 0.13 | 2020 |
| 2030 | 0.0042 | 0.17 | 2030 |
| 2040 | 0.0070 | 0.27 | 2040 |
| 2050 | 0.01011 | 0.37 | 2050 |
| 2060 | 0.0099 | 0.46 | 2000 |
| 2070 | 0.0099 | 0.57 | 2070 |
| 2080 | 0.090 | 0.64 | 2080 |
| 2090 | 0.0066 | 0.70 | 2090 |
| 2100 | 0.00077 | 0.80 | 2100 |


[^0]:    http://www.dannydorling.org/

