

Australia

Detailed Human Capital projections to 2060

| Demographic indicators, Medium Scenario (SSP2) | | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|-----------|
| | 2010 | 2020 | 2030 | 2040 | 2050 | 2060 |
| Population (in millions) | 22.3 | 25.7 | 29.2 | 32.4 | 35.5 | 38.4 |
| Proportion age 65+ | 0.13 | 0.17 | 0.20 | 0.22 | 0.24 | 0.27 |
| Proportion below age 20 | 0.26 | 0.24 | 0.23 | 0.22 | 0.21 | 0.20 |
| | 2005-2010 | 2015-2020 | 2025-2030 | 2035-2040 | 2045-2050 | 2055-2060 |
| Total Fertility Rate | 1.93 | 1.88 | 1.86 | 1.83 | 1.81 | 1.80 |
| Life expectancy at birth (in years) | | | | | | |
| Male | 79.12 | 81.91 | 84.19 | 86.21 | 88.18 | 90.18 |
| Female | 83.75 | 86.11 | 88.31 | 90.31 | 92.29 | 94.29 |
| Five-year immigration flow (in '000) | 1162 | 926 | 962 | 984 | 985 | 972 |
| Five-year emigration flow (in '000) | 40 | 30 | 32 | 34 | 36 | 37 |

| Human Capital indicators, Medium Scenario (SSP2) | | | | | | |
|--|-------|-------|-------|-------|-------|-------|
| | 2010 | 2020 | 2030 | 2040 | 2050 | 2060 |
| Population age 25+: highest educational attainment | | | | | | |
| E1 - no education | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| E2 - incomplete primary | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| E3 - primary | 0.12 | 0.08 | 0.05 | 0.03 | 0.02 | 0.01 |
| E4 - lower secondary | 0.15 | 0.13 | 0.10 | 0.08 | 0.06 | 0.04 |
| E5 - upper secondary | 0.38 | 0.41 | 0.42 | 0.42 | 0.41 | 0.39 |
| E6 - post-secondary | 0.33 | 0.38 | 0.42 | 0.46 | 0.51 | 0.55 |
| Mean years of schooling (in years) | 11.96 | 12.71 | 13.34 | 13.90 | 14.39 | 14.79 |
| Gender gap (population age 25+): highest educational attainment (ratio male/female) | | | | | | |
| E1 - no education | 0.79 | 0.78 | 0.77 | 0.74 | 0.73 | 0.73 |
| E2 - incomplete primary | 0.61 | 0.64 | 0.66 | 0.69 | 0.76 | 0.86 |
| E3 - primary | 0.69 | 0.69 | 0.70 | 0.72 | 0.79 | 0.88 |
| E4 - lower secondary | 0.73 | 0.78 | 0.82 | 0.87 | 0.91 | 0.96 |
| E5 - upper secondary | 1.46 | 1.37 | 1.32 | 1.27 | 1.22 | 1.16 |
| E6 - post-secondary | 0.87 | 0.85 | 0.84 | 0.85 | 0.87 | 0.90 |
| minus female) | 0.31 | 0.11 | -0.01 | -0.09 | -0.13 | -0.13 |
| Women age 20-39: highest educational attainment | | | | | | |
| E1 - no education | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| E2 - incomplete primary | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| E3 - primary | 0.03 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 |
| E4 - lower secondary | 0.09 | 0.06 | 0.04 | 0.02 | 0.02 | 0.01 |
| E5 - upper secondary | 0.45 | 0.45 | 0.44 | 0.42 | 0.41 | 0.40 |
| E6 - post-secondary | 0.43 | 0.48 | 0.52 | 0.55 | 0.57 | 0.59 |
| Mean years of schooling (in years) | 13.69 | 14.43 | 14.94 | 15.10 | 15.22 | 15.30 |

Education scenarios

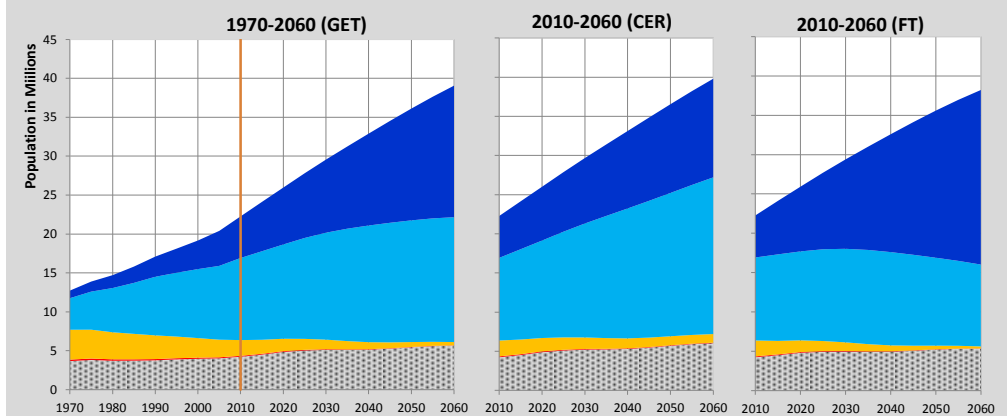
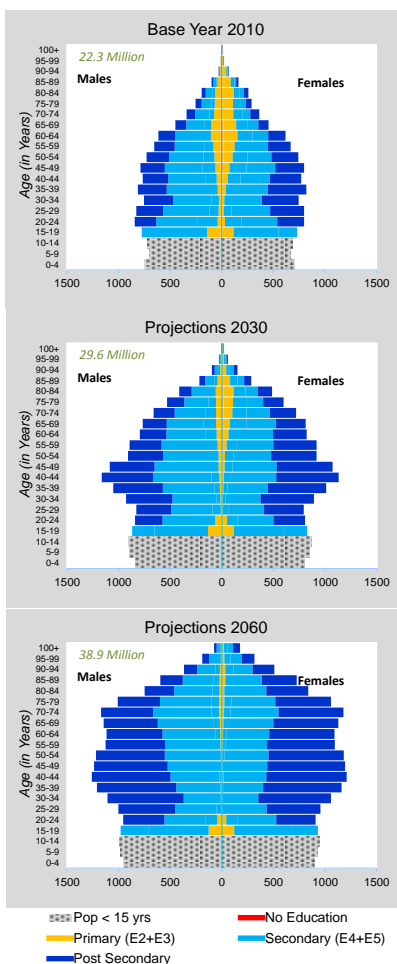
GET : Global Education Trend Scenario (Medium assumption also used for SSP2)

CER: Constant Enrollment Rates Scenario (assumption of no future improvements)

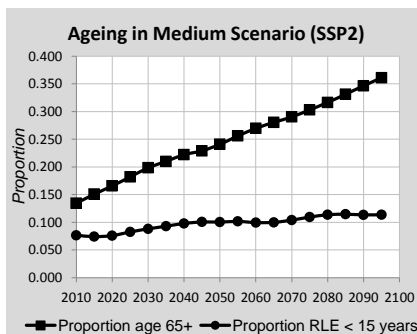
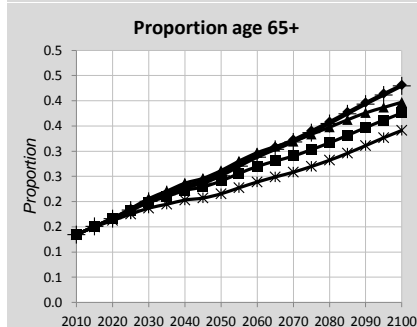
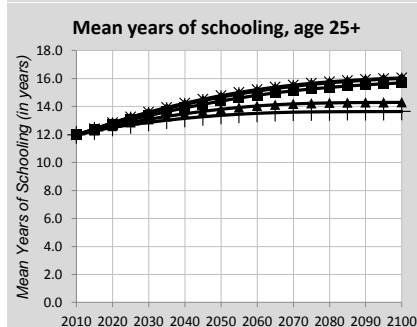
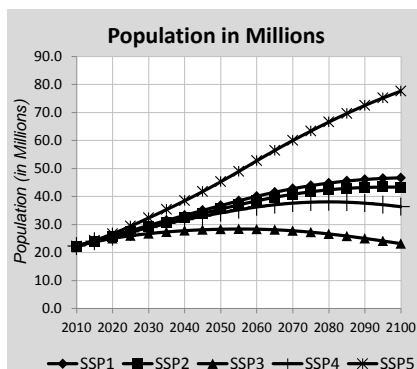
FT: Fast Track Scenario (assumption of education expansion according to fastest historical experience)

Population size by educational attainment according to three education scenarios: GET, CER, and FT

Pyramids by education, Medium Scenario



Australia (Continued)



Alternative scenarios to 2100

Projection results by scenario (SSP 1-5)

| | 2010 | 2020 | 2030 | 2040 | 2050 | 2075 | 2100 |
|--|-------|-------|-------|-------|-------|-------|-------|
| Population (in millions) | | | | | | | |
| SSP1 - Rapid Development | 22.27 | 25.90 | 29.64 | 33.26 | 36.76 | 43.87 | 46.67 |
| SSP2 - Medium | 22.27 | 25.72 | 29.18 | 32.41 | 35.50 | 41.68 | 43.33 |
| SSP3 - Stalled Development | 22.27 | 25.01 | 26.74 | 27.79 | 28.30 | 27.25 | 23.15 |
| SSP4 - Inequality | 22.27 | 25.65 | 28.85 | 31.68 | 34.14 | 37.97 | 36.35 |
| SSP5 - Conventional Dev. | 22.27 | 26.67 | 32.33 | 38.48 | 45.26 | 63.36 | 77.63 |
| Proportion age 65+ | | | | | | | |
| SSP1 - Rapid Development | 0.13 | 0.17 | 0.20 | 0.23 | 0.26 | 0.34 | 0.43 |
| SSP2 - Medium | 0.13 | 0.17 | 0.20 | 0.22 | 0.24 | 0.30 | 0.38 |
| SSP3 - Stalled Development | 0.13 | 0.17 | 0.21 | 0.24 | 0.26 | 0.33 | 0.40 |
| SSP4 - Inequality | 0.13 | 0.17 | 0.20 | 0.23 | 0.25 | 0.34 | 0.43 |
| SSP5 - Conventional Dev. | 0.13 | 0.16 | 0.19 | 0.20 | 0.22 | 0.27 | 0.34 |
| Proportion below age 20 | | | | | | | |
| SSP1 - Rapid Development | 0.26 | 0.24 | 0.23 | 0.21 | 0.20 | 0.18 | 0.16 |
| SSP2 - Medium | 0.26 | 0.24 | 0.23 | 0.22 | 0.21 | 0.19 | 0.17 |
| SSP3 - Stalled Development | 0.26 | 0.24 | 0.21 | 0.19 | 0.18 | 0.15 | 0.14 |
| SSP4 - Inequality | 0.26 | 0.24 | 0.22 | 0.20 | 0.18 | 0.16 | 0.14 |
| SSP5 - Conventional Dev. | 0.26 | 0.25 | 0.25 | 0.25 | 0.24 | 0.23 | 0.21 |
| Proportion of Women age 20-39 with at least secondary education | | | | | | | |
| SSP1 - Rapid Development | 0.97 | 0.99 | 0.99 | 1.00 | 1.00 | 1.00 | 1.00 |
| SSP2 - Medium | 0.97 | 0.98 | 0.99 | 0.99 | 1.00 | 1.00 | 1.00 |
| SSP3 - Stalled Development | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 |
| SSP4 - Inequality | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 |
| SSP5 - Conventional Dev. | 0.97 | 0.99 | 0.99 | 1.00 | 1.00 | 1.00 | 1.00 |
| Mean years of schooling, age 25+ | | | | | | | |
| SSP1 - Rapid Development | 11.96 | 12.81 | 13.53 | 14.14 | 14.66 | 15.57 | 16.00 |
| SSP2 - Medium | 11.96 | 12.71 | 13.34 | 13.90 | 14.39 | 15.25 | 15.68 |
| SSP3 - Stalled Development | 11.96 | 12.60 | 13.08 | 13.48 | 13.80 | 14.22 | 14.29 |
| SSP4 - Inequality | 11.96 | 12.50 | 12.86 | 13.15 | 13.36 | 13.61 | 13.64 |
| SSP5 - Conventional Dev. | 11.96 | 12.84 | 13.60 | 14.23 | 14.77 | 15.65 | 16.04 |

Demographic assumptions underlying SSPs

| | 2010-2015 | 2020-2025 | 2030-2035 | 2040-2045 | 2050-2055 | 2075-2080 | 2095-2100 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Total fertility rate | | | | | | | |
| SSP1 - Rapid Development | 1.88 | 1.84 | 1.81 | 1.79 | 1.78 | 1.77 | 1.77 |
| SSP2 - Medium | 1.88 | 1.87 | 1.84 | 1.82 | 1.80 | 1.79 | 1.78 |
| SSP3 - Stalled Development | 1.80 | 1.62 | 1.50 | 1.44 | 1.41 | 1.42 | 1.42 |
| SSP4 - Inequality | 1.81 | 1.67 | 1.57 | 1.52 | 1.48 | 1.49 | 1.49 |
| SSP5 - Conventional Dev. | 1.98 | 2.11 | 2.20 | 2.22 | 2.22 | 2.22 | 2.22 |
| Life expectancy at birth for females (in years) | | | | | | | |
| SSP1 - Rapid Development | 85.9 | 89.1 | 92.1 | 95.0 | 98.0 | 105.4 | 111.5 |
| SSP2 - Medium | 85.0 | 87.2 | 89.3 | 91.3 | 93.3 | 98.3 | 102.3 |
| SSP3 - Stalled Development | 85.0 | 86.1 | 87.2 | 88.2 | 89.1 | 91.4 | 93.3 |
| SSP4 - Inequality | 85.5 | 87.6 | 89.6 | 91.5 | 93.5 | 98.2 | 102.0 |
| SSP5 - Conventional Dev. | 85.9 | 89.1 | 92.1 | 95.0 | 98.0 | 105.4 | 111.5 |
| Migration – net flow over five years (in thousands) | | | | | | | |
| SSP1 - Rapid Development | 963 | 907 | 927 | 910 | 870 | 343 | 0 |
| SSP2 - Medium | 916 | 859 | 883 | 889 | 875 | 382 | 0 |
| SSP3 - Stalled Development | 801 | 446 | 443 | 431 | 410 | 168 | 0 |
| SSP4 - Inequality | 962 | 905 | 925 | 921 | 903 | 395 | 0 |
| SSP5 - Conventional Dev. | 1123 | 1389 | 1479 | 1540 | 1574 | 724 | 0 |

Ageing indicators, Medium Scenario (SSP2)

| | 2010 | 2020 | 2030 | 2040 | 2050 | 2075 | 2095 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|
| Median Age | 36.97 | 38.08 | 40.35 | 42.44 | 43.63 | 48.20 | 52.39 |
| Prospective Median Age | 36.97 | 35.79 | 36.11 | 36.36 | 35.67 | 35.61 | 36.00 |
| Proportion age 65+ | 0.13 | 0.17 | 0.20 | 0.22 | 0.24 | 0.30 | 0.36 |
| Proportion RLE < 15 years | 0.08 | 0.08 | 0.09 | 0.10 | 0.10 | 0.11 | 0.11 |