

Jamaica

Detailed Human Capital projections to 2060

| Demographic indicators, Medium Scenario (SSP2) | | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|-----------|
| | 2010 | 2020 | 2030 | 2040 | 2050 | 2060 |
| Population (in millions) | 2.7 | 2.9 | 2.9 | 2.9 | 2.9 | 2.8 |
| Proportion age 65+ | 0.08 | 0.09 | 0.13 | 0.18 | 0.21 | 0.25 |
| Proportion below age 20 | 0.39 | 0.33 | 0.30 | 0.26 | 0.24 | 0.22 |
| | 2005-2010 | 2015-2020 | 2025-2030 | 2035-2040 | 2045-2050 | 2055-2060 |
| Total Fertility Rate | 2.40 | 2.11 | 1.95 | 1.87 | 1.81 | 1.76 |
| Life expectancy at birth (in years) | | | | | | |
| Male | 69.56 | 72.69 | 75.50 | 78.00 | 80.13 | 82.13 |
| Female | 74.97 | 77.69 | 80.01 | 82.10 | 84.09 | 86.08 |
| Five-year immigration flow (in '000) | 3 | 3 | 3 | 3 | 3 | 3 |
| Five-year emigration flow (in '000) | 102 | 84 | 78 | 72 | 65 | 58 |

| Human Capital indicators, Medium Scenario (SSP2) | | | | | | |
|--|-------|-------|-------|-------|-------|-------|
| | 2010 | 2020 | 2030 | 2040 | 2050 | 2060 |
| Population age 25+: highest educational attainment | | | | | | |
| E1 - no education | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| E2 - incomplete primary | 0.08 | 0.04 | 0.02 | 0.01 | 0.01 | 0.00 |
| E3 - primary | 0.17 | 0.13 | 0.10 | 0.08 | 0.07 | 0.06 |
| E4 - lower secondary | 0.50 | 0.53 | 0.52 | 0.51 | 0.47 | 0.43 |
| E5 - upper secondary | 0.09 | 0.11 | 0.13 | 0.16 | 0.18 | 0.21 |
| E6 - post-secondary | 0.16 | 0.18 | 0.21 | 0.24 | 0.27 | 0.30 |
| Mean years of schooling (in years) | 9.23 | 9.78 | 10.26 | 10.62 | 10.94 | 11.21 |
| Gender gap (population age 25+): highest educational attainment (ratio male/female) | | | | | | |
| E1 - no education | 1.35 | 1.35 | 1.34 | 1.32 | 1.28 | 1.22 |
| E2 - incomplete primary | 1.05 | 1.09 | 1.17 | 1.30 | 1.48 | 1.57 |
| E3 - primary | 1.26 | 1.31 | 1.36 | 1.39 | 1.40 | 1.36 |
| E4 - lower secondary | 1.12 | 1.14 | 1.16 | 1.16 | 1.14 | 1.12 |
| E5 - upper secondary | 0.72 | 0.77 | 0.82 | 0.88 | 0.93 | 0.96 |
| E6 - post-secondary | 0.63 | 0.63 | 0.66 | 0.70 | 0.75 | 0.82 |
| minus female) | -0.68 | -0.69 | -0.68 | -0.64 | -0.55 | -0.42 |
| 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 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| E3 - primary | 0.05 | 0.05 | 0.05 | 0.04 | 0.04 | 0.04 |
| E4 - lower secondary | 0.55 | 0.48 | 0.42 | 0.36 | 0.31 | 0.26 |
| E5 - upper secondary | 0.15 | 0.18 | 0.21 | 0.23 | 0.26 | 0.29 |
| E6 - post-secondary | 0.25 | 0.29 | 0.33 | 0.36 | 0.39 | 0.41 |
| Mean years of schooling (in years) | 10.79 | 10.99 | 11.38 | 11.64 | 11.86 | 12.03 |

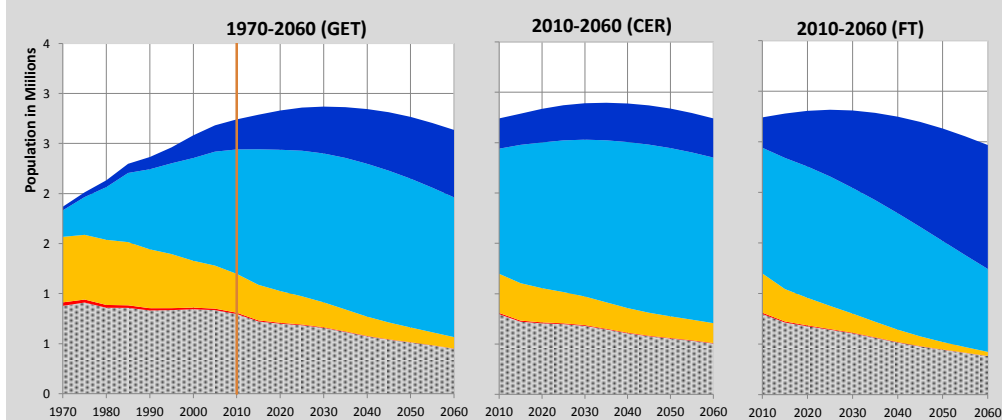
Education scenarios

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

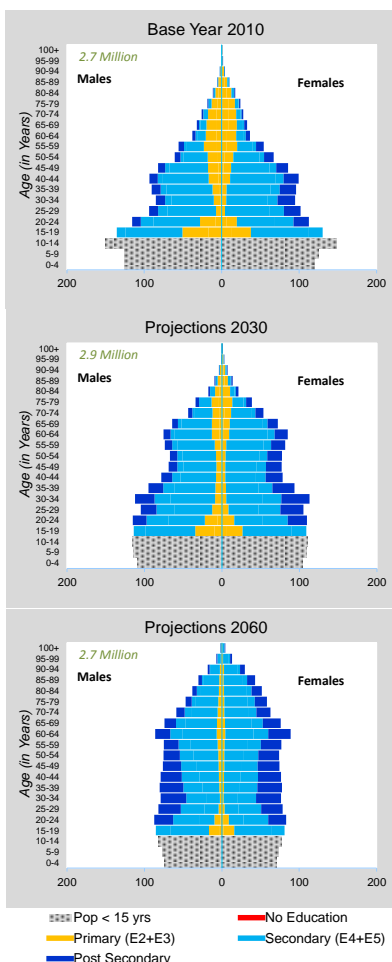
CER: Constant Enrollment Rates Scenario (assumption of no future improvements)

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

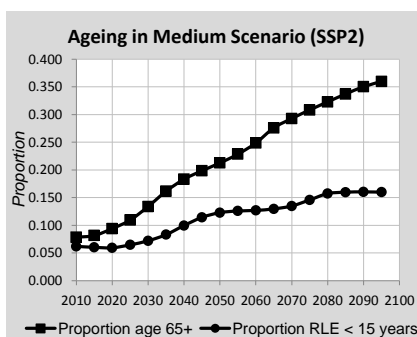
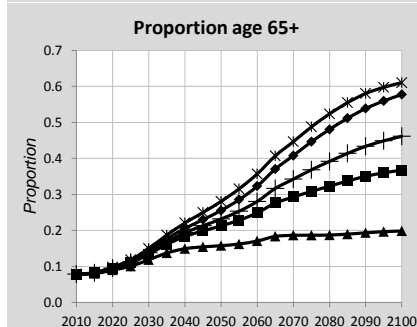
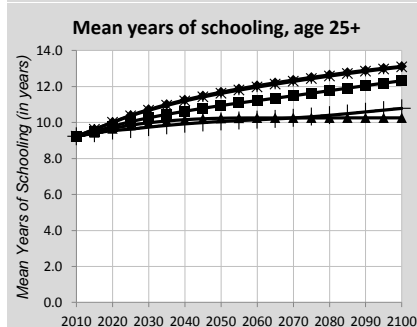
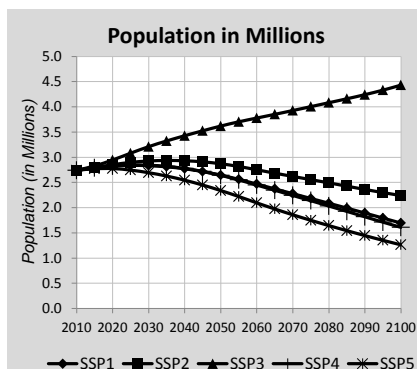
Population size by educational attainment according to three education scenarios: GET, CER, and FT



Pyramids by education, Medium Scenario



Jamaica (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 | 2.74 | 2.82 | 2.83 | 2.77 | 2.65 | 2.18 | 1.69 |
| SSP2 - Medium | 2.74 | 2.85 | 2.93 | 2.93 | 2.87 | 2.56 | 2.24 |
| SSP3 - Stalled Development | 2.74 | 2.95 | 3.21 | 3.43 | 3.62 | 4.00 | 4.43 |
| SSP4 - Inequality | 2.74 | 2.83 | 2.84 | 2.78 | 2.64 | 2.14 | 1.61 |
| SSP5 - Conventional Dev. | 2.74 | 2.78 | 2.69 | 2.55 | 2.34 | 1.75 | 1.26 |
| Proportion age 65+ | | | | | | | |
| SSP1 - Rapid Development | 0.08 | 0.10 | 0.14 | 0.21 | 0.26 | 0.45 | 0.58 |
| SSP2 - Medium | 0.08 | 0.09 | 0.13 | 0.18 | 0.21 | 0.31 | 0.37 |
| SSP3 - Stalled Development | 0.08 | 0.09 | 0.12 | 0.15 | 0.16 | 0.19 | 0.20 |
| SSP4 - Inequality | 0.08 | 0.09 | 0.14 | 0.19 | 0.23 | 0.37 | 0.46 |
| SSP5 - Conventional Dev. | 0.08 | 0.10 | 0.15 | 0.22 | 0.28 | 0.49 | 0.61 |
| Proportion below age 20 | | | | | | | |
| SSP1 - Rapid Development | 0.39 | 0.32 | 0.26 | 0.21 | 0.17 | 0.11 | 0.08 |
| SSP2 - Medium | 0.39 | 0.33 | 0.30 | 0.26 | 0.24 | 0.19 | 0.16 |
| SSP3 - Stalled Development | 0.39 | 0.34 | 0.33 | 0.32 | 0.30 | 0.28 | 0.27 |
| SSP4 - Inequality | 0.39 | 0.32 | 0.27 | 0.23 | 0.19 | 0.13 | 0.10 |
| SSP5 - Conventional Dev. | 0.39 | 0.32 | 0.26 | 0.21 | 0.17 | 0.10 | 0.07 |
| Proportion of Women age 20-39 with at least secondary education | | | | | | | |
| SSP1 - Rapid Development | 0.95 | 0.97 | 0.97 | 0.97 | 0.98 | 0.98 | 0.99 |
| SSP2 - Medium | 0.95 | 0.94 | 0.95 | 0.95 | 0.96 | 0.97 | 0.99 |
| SSP3 - Stalled Development | 0.95 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 |
| SSP4 - Inequality | 0.95 | 0.88 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 |
| SSP5 - Conventional Dev. | 0.95 | 0.97 | 0.97 | 0.97 | 0.98 | 0.98 | 0.99 |
| Mean years of schooling, age 25+ | | | | | | | |
| SSP1 - Rapid Development | 9.23 | 10.01 | 10.71 | 11.25 | 11.68 | 12.50 | 13.11 |
| SSP2 - Medium | 9.23 | 9.78 | 10.26 | 10.62 | 10.94 | 11.62 | 12.31 |
| SSP3 - Stalled Development | 9.23 | 9.66 | 9.98 | 10.15 | 10.23 | 10.25 | 10.25 |
| SSP4 - Inequality | 9.23 | 9.55 | 9.74 | 9.92 | 10.05 | 10.32 | 10.78 |
| SSP5 - Conventional Dev. | 9.23 | 10.00 | 10.67 | 11.19 | 11.61 | 12.43 | 13.07 |

Demographic assumptions underlying SSPs

| | 2010-2015 | 2020-2025 | 2030-2035 | 2040-2045 | 2050-2055 | 2075-2080 | 2095-2100 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Total fertility rate | | | | | | | |
| SSP1 - Rapid Development | 2.06 | 1.65 | 1.43 | 1.34 | 1.28 | 1.18 | 1.18 |
| SSP2 - Medium | 2.21 | 2.04 | 1.90 | 1.85 | 1.77 | 1.61 | 1.60 |
| SSP3 - Stalled Development | 2.34 | 2.42 | 2.44 | 2.42 | 2.39 | 2.24 | 2.27 |
| SSP4 - Inequality | 2.10 | 1.75 | 1.53 | 1.43 | 1.36 | 1.24 | 1.24 |
| SSP5 - Conventional Dev. | 2.06 | 1.65 | 1.43 | 1.34 | 1.28 | 1.18 | 1.18 |
| Life expectancy at birth for females (in years) | | | | | | | |
| SSP1 - Rapid Development | 78.4 | 81.2 | 84.1 | 87.0 | 90.0 | 97.5 | 103.5 |
| SSP2 - Medium | 76.5 | 78.9 | 81.0 | 83.1 | 85.1 | 90.1 | 94.1 |
| SSP3 - Stalled Development | 77.7 | 78.7 | 79.5 | 80.5 | 81.3 | 83.4 | 85.2 |
| SSP4 - Inequality | 78.1 | 79.9 | 81.7 | 83.6 | 85.4 | 90.1 | 93.9 |
| SSP5 - Conventional Dev. | 78.4 | 81.2 | 84.1 | 87.0 | 90.0 | 97.5 | 103.5 |
| Migration – net flow over five years (in thousands) | | | | | | | |
| SSP1 - Rapid Development | -87 | -79 | -70 | -60 | -50 | -14 | 0 |
| SSP2 - Medium | -90 | -82 | -74 | -68 | -60 | -21 | 0 |
| SSP3 - Stalled Development | -72 | -40 | -37 | -36 | -35 | -15 | 0 |
| SSP4 - Inequality | -87 | -78 | -69 | -58 | -46 | -12 | 0 |
| SSP5 - Conventional Dev. | -101 | -117 | -103 | -89 | -73 | -21 | 0 |

Ageing indicators, Medium Scenario (SSP2)

| | 2010 | 2020 | 2030 | 2040 | 2050 | 2075 | 2095 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|
| Median Age | 26.95 | 29.96 | 33.93 | 38.42 | 41.76 | 49.24 | 52.85 |
| Prospective Median Age | 26.95 | 27.88 | 29.81 | 32.57 | 34.40 | 37.78 | 37.89 |
| Proportion age 65+ | 0.08 | 0.09 | 0.13 | 0.18 | 0.21 | 0.31 | 0.36 |
| Proportion RLE < 15 years | 0.06 | 0.06 | 0.07 | 0.10 | 0.12 | 0.15 | 0.16 |