

Swaziland

Detailed Human Capital projections to 2060

| Demographic indicators, CEPAM Medium Scenario (SSP2) | | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|-----------|
| | 2015 | 2020 | 2030 | 2040 | 2050 | 2060 |
| Population (in millions) | 1.32 | 1.43 | 1.61 | 1.75 | 1.85 | 1.90 |
| Proportion age 65+ | 3.1% | 3.2% | 3.6% | 4.2% | 5.8% | 8.9% |
| Proportion below age 20 | 49.0% | 46.8% | 42.1% | 36.7% | 33.0% | 29.9% |
| | 2015-2020 | 2020-2025 | 2030-2035 | 2040-2045 | 2050-2055 | 2055-2060 |
| Total Fertility Rate | 2.91 | 2.60 | 2.23 | 2.01 | 1.89 | 1.80 |
| Life expectancy at birth (in years) | | | | | | |
| Male | 55.2 | 56.2 | 58.1 | 60.1 | 62.0 | 62.9 |
| Female | 61.4 | 62.2 | 63.8 | 65.3 | 66.9 | 68.5 |
| Five-year net-migration flow (in thousands) | -12.1 | -13.3 | -15.1 | -16.5 | -17.3 | -17.5 |

| Human Capital indicators, CEPAM Medium Scenario (SSP2) | | | | | | |
|--|-------|-------|-------|-------|-------|-------|
| | 2015 | 2020 | 2030 | 2040 | 2050 | 2060 |
| Population age 25+: highest educational attainment (columns sum to 100%) | | | | | | |
| E1 - no education | 10.4% | 7.8% | 4.3% | 2.3% | 1.3% | 0.7% |
| E2 - incomplete primary | 16.5% | 13.2% | 8.2% | 5.0% | 2.9% | 1.6% |
| E3 - primary | 20.9% | 19.5% | 16.3% | 12.7% | 9.4% | 6.6% |
| E4 - lower secondary | 15.0% | 15.9% | 16.8% | 16.2% | 14.6% | 12.6% |
| E5 - upper secondary | 24.1% | 28.5% | 35.9% | 42.0% | 46.5% | 49.3% |
| E6 - post-secondary | 13.2% | 15.2% | 18.5% | 21.8% | 25.4% | 29.2% |
| Mean years of schooling (in years) | 8.9 | 9.6 | 10.7 | 11.5 | 12.1 | 12.5 |
| Gender gap (population age 25+): highest educational attainment (proportion males - proportion females) | | | | | | |
| E1 - no education | -1.0 | -1.0 | -1.0 | 0.0 | 0.0 | 0.0 |
| E2 - incomplete primary | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| E3 - primary | -5.0 | -5.0 | -5.0 | -3.0 | -2.0 | -1.0 |
| E4 - lower secondary | -3.0 | -3.0 | -4.0 | -4.0 | -4.0 | -3.0 |
| E5 - upper secondary | 7.0 | 7.0 | 6.0 | 6.0 | 5.0 | 4.0 |
| E6 - post-secondary | 3.0 | 3.0 | 2.0 | 1.0 | 0.0 | 0.0 |
| Mean years of schooling (male minus female) | 0.6 | 0.5 | 0.4 | 0.2 | 0.1 | 0.1 |
| Women age 20-39: highest educational attainment (columns sum to 100%) | | | | | | |
| E1 - no education | 3.3% | 2.4% | 0.8% | 0.3% | 0.1% | 0.0% |
| E2 - incomplete primary | 10.5% | 6.6% | 1.5% | 0.6% | 0.2% | 0.0% |
| E3 - primary | 23.3% | 19.1% | 12.0% | 6.5% | 3.2% | 1.4% |
| E4 - lower secondary | 18.9% | 19.3% | 18.9% | 15.6% | 11.7% | 7.8% |
| E5 - upper secondary | 31.2% | 36.8% | 46.5% | 51.9% | 54.5% | 54.9% |
| E6 - post-secondary | 12.8% | 15.7% | 20.3% | 25.2% | 30.4% | 35.8% |
| Mean years of schooling (in years) | 10.1 | 10.8 | 11.9 | 12.5 | 12.9 | 13.3 |

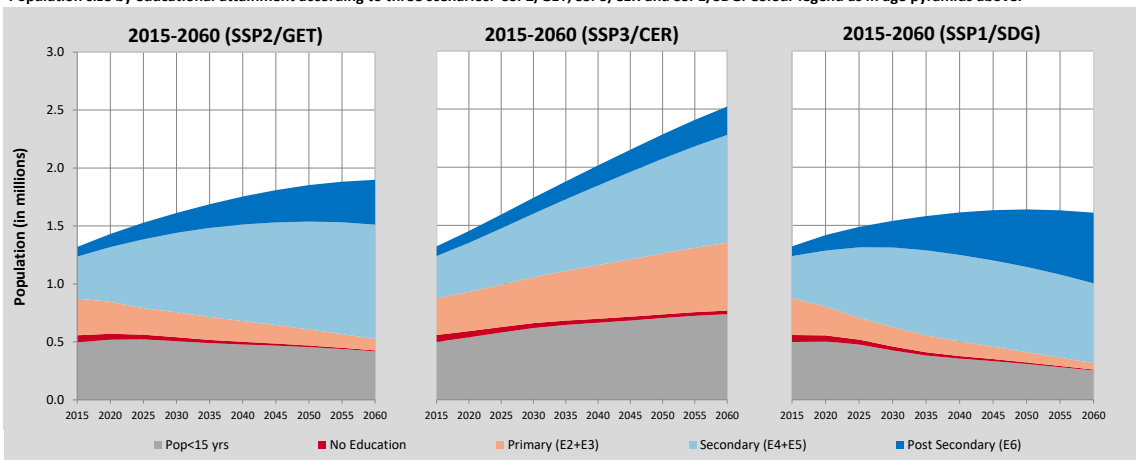
Education scenarios

SSP2/GET: Global Education Trend Scenario (Medium assumption)

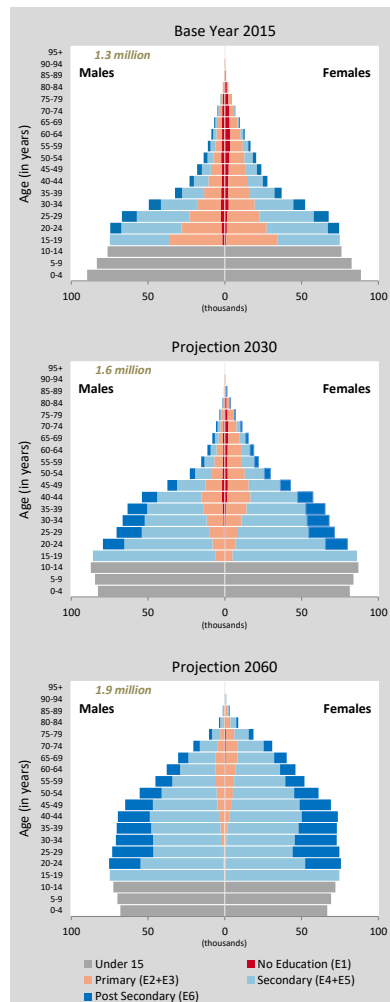
SSP3/CER: Constant Enrollment Rates Scenario (assumption of no future improvements)

SSP1/SDG: Sustainable Development Goal Scenario (universal primary and secondary education by 2030)

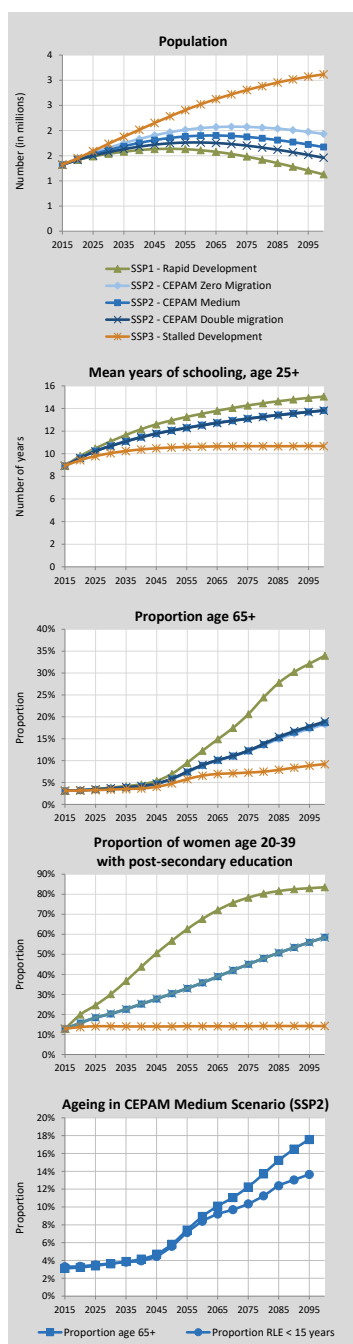
Population size by educational attainment according to three scenarios: SSP2/GET, SSP3/CER and SSP1/SDG. Colour legend as in age pyramids above.



Pyramids by education, CEPAM Medium Scenario



Swaziland (Continued)



Alternative Scenarios to 2100

Pyramids by education, CEPAM Medium Scenario

| Projection Results by Scenario (SSP1-3) | 2015 | 2020 | 2030 | 2050 | 2060 | 2075 | 2100 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Population (in millions) | | | | | | | |
| SSP1 - Rapid Development | 1.32 | 1.42 | 1.54 | 1.64 | 1.61 | 1.48 | 1.13 |
| SSP2 - CEPAM Zero Migration | 1.32 | 1.44 | 1.66 | 1.97 | 2.05 | 2.07 | 1.93 |
| SSP2 - CEPAM Medium | 1.32 | 1.43 | 1.61 | 1.85 | 1.90 | 1.87 | 1.67 |
| SSP2 - CEPAM Double Migration | 1.32 | 1.42 | 1.57 | 1.75 | 1.76 | 1.70 | 1.46 |
| SSP3 - Stalled Development | 1.32 | 1.45 | 1.74 | 2.28 | 2.52 | 2.80 | 3.12 |
| Proportion age 65+ | | | | | | | |
| SSP1 - Rapid Development | 3.1% | 3.3% | 3.8% | 7.0% | 12.3% | 20.6% | 34.0% |
| SSP2 - CEPAM Zero Migration | 3.1% | 3.2% | 3.6% | 5.7% | 8.8% | 12.1% | 18.3% |
| SSP2 - CEPAM Medium | 3.1% | 3.2% | 3.6% | 5.8% | 8.9% | 12.2% | 18.7% |
| SSP2 - CEPAM Double Migration | 3.1% | 3.2% | 3.7% | 5.9% | 9.0% | 12.3% | 18.9% |
| SSP3 - Stalled Development | 3.1% | 3.2% | 3.4% | 4.8% | 6.6% | 7.3% | 9.2% |
| Proportion below age 20 | | | | | | | |
| SSP1 - Rapid Development | 49.0% | 46.1% | 38.8% | 25.9% | 22.0% | 17.5% | 13.3% |
| SSP2 - CEPAM Zero Migration | 49.0% | 46.5% | 41.7% | 32.4% | 29.4% | 25.8% | 21.8% |
| SSP2 - CEPAM Medium | 49.0% | 46.8% | 42.1% | 33.0% | 29.9% | 26.3% | 22.1% |
| SSP2 - CEPAM Double Migration | 49.0% | 47.0% | 42.5% | 33.6% | 30.5% | 26.8% | 22.4% |
| SSP3 - Stalled Development | 49.0% | 47.4% | 45.5% | 40.3% | 38.3% | 35.7% | 32.3% |
| Proportion of women age 20-39 with post-secondary education | | | | | | | |
| SSP1 - Rapid Development | 12.8% | 19.9% | 30.1% | 56.8% | 67.7% | 78.3% | 83.5% |
| SSP2 - CEPAM Zero Migration | 12.8% | 15.6% | 20.2% | 30.3% | 35.7% | 45.0% | 58.5% |
| SSP2 - CEPAM Medium | 12.8% | 15.7% | 20.3% | 30.4% | 35.8% | 45.0% | 58.5% |
| SSP2 - CEPAM Double Migration | 12.8% | 15.8% | 20.4% | 30.5% | 35.9% | 45.1% | 58.4% |
| SSP3 - Stalled Development | 12.8% | 13.7% | 14.1% | 14.0% | 14.1% | 14.1% | 14.2% |
| Mean years of schooling, age 25+ | | | | | | | |
| SSP1 - Rapid Development | 8.9 | 9.8 | 11.1 | 13.0 | 13.5 | 14.3 | 15.1 |
| SSP2 - CEPAM Zero Migration | 8.9 | 9.6 | 10.7 | 12.1 | 12.6 | 13.1 | 13.8 |
| SSP2 - CEPAM Medium | 8.9 | 9.6 | 10.7 | 12.1 | 12.5 | 13.1 | 13.8 |
| SSP2 - CEPAM Double Migration | 8.9 | 9.6 | 10.7 | 12.0 | 12.5 | 13.1 | 13.8 |
| SSP3 - Stalled Development | 8.9 | 9.4 | 10.1 | 10.6 | 10.6 | 10.7 | 10.7 |
| Demographic assumptions underlying SSPs | | | | | | | |
| | 2015-2020 | 2020-2025 | 2030-2035 | 2050-2055 | 2060-2065 | 2075-2080 | 2095-2100 |
| Total fertility rate | | | | | | | |
| SSP1 - Rapid Development | 2.65 | 2.14 | 1.64 | 1.36 | 1.31 | 1.23 | 1.16 |
| SSP2 - CEPAM Zero Migration | 2.91 | 2.60 | 2.23 | 1.89 | 1.80 | 1.68 | 1.57 |
| SSP2 - CEPAM Medium | 2.91 | 2.60 | 2.23 | 1.89 | 1.80 | 1.68 | 1.57 |
| SSP2 - CEPAM Double Migration | 2.91 | 2.60 | 2.23 | 1.89 | 1.80 | 1.68 | 1.57 |
| SSP3 - Stalled Development | 3.20 | 3.19 | 3.03 | 2.61 | 2.48 | 2.31 | 2.19 |
| Life expectancy at birth for females (in years) | | | | | | | |
| SSP1 - Rapid Development | 62.0 | 63.4 | 66.1 | 71.3 | 73.9 | 77.7 | 82.8 |
| SSP2 - CEPAM Zero Migration | 61.4 | 62.2 | 63.8 | 66.9 | 68.5 | 70.9 | 74.0 |
| SSP2 - CEPAM Medium | 61.4 | 62.2 | 63.8 | 66.9 | 68.5 | 70.8 | 74.0 |
| SSP2 - CEPAM Double Migration | 61.4 | 62.2 | 63.8 | 66.9 | 68.5 | 70.8 | 74.0 |
| SSP3 - Stalled Development | 60.9 | 60.9 | 61.0 | 61.6 | 61.9 | 62.6 | 63.5 |
| Migration – net flow over five years (in thousands) | | | | | | | |
| SSP1 - Rapid Development | -12.1 | -13.2 | -14.4 | -15.1 | -14.6 | -12.8 | -9.6 |
| SSP2 - CEPAM Zero Migration | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| SSP2 - CEPAM Medium | -12.1 | -13.3 | -15.1 | -17.3 | -17.5 | -16.7 | -14.7 |
| SSP2 - CEPAM Double Migration | -24.2 | -26.3 | -29.1 | -31.9 | -31.5 | -29.1 | -24.1 |
| SSP3 - Stalled Development | -8.1 | -4.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ageing indicators, CEPAM Medium Scenario (SSP2) | | | | | | | |
| | 2015 | 2020 | 2030 | 2050 | 2060 | 2075 | 2095 |
| Median age | 20.4 | 21.6 | 24.0 | 30.1 | 32.9 | 36.4 | 40.6 |
| Proportion age 65+ | 3.1% | 3.2% | 3.6% | 5.8% | 8.9% | 12.2% | 17.6% |
| Proportion RLE < 15 years | 3.3% | 3.4% | 3.7% | 5.6% | 8.4% | 10.3% | 13.7% |