

Belarus

Detailed Human Capital projections to 2060

| Demographic indicators, Medium Scenario (SSP2) | | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|-----------|
| | 2010 | 2020 | 2030 | 2040 | 2050 | 2060 |
| Population (in millions) | 9.6 | 9.3 | 9.0 | 8.6 | 8.2 | 7.7 |
| Proportion age 65+ | 0.14 | 0.15 | 0.20 | 0.23 | 0.28 | 0.31 |
| Proportion below age 20 | 0.21 | 0.21 | 0.20 | 0.18 | 0.18 | 0.18 |
| | 2005-2010 | 2015-2020 | 2025-2030 | 2035-2040 | 2045-2050 | 2055-2060 |
| Total Fertility Rate | 1.39 | 1.51 | 1.50 | 1.54 | 1.59 | 1.61 |
| Life expectancy at birth (in years) | | | | | | |
| Male | 63.60 | 67.47 | 70.66 | 73.49 | 76.07 | 78.67 |
| Female | 75.52 | 78.09 | 80.29 | 82.39 | 84.41 | 86.51 |
| Five-year immigration flow (in '000) | 58 | 57 | 59 | 61 | 61 | 60 |
| Five-year emigration flow (in '000) | 109 | 68 | 58 | 53 | 46 | 42 |

| Human Capital indicators, Medium Scenario (SSP2) | | | | | | |
|--|-------|-------|-------|-------|-------|-------|
| | 2010 | 2020 | 2030 | 2040 | 2050 | 2060 |
| Population age 25+: 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 | 0.08 | 0.03 | 0.01 | 0.00 | 0.00 | 0.00 |
| E4 - lower secondary | 0.07 | 0.04 | 0.02 | 0.01 | 0.01 | 0.00 |
| E5 - upper secondary | 0.66 | 0.71 | 0.72 | 0.72 | 0.69 | 0.66 |
| E6 - post-secondary | 0.19 | 0.22 | 0.24 | 0.27 | 0.30 | 0.33 |
| Mean years of schooling (in years) | 10.77 | 11.36 | 11.70 | 11.96 | 12.17 | 12.35 |
| Gender gap (population age 25+): highest educational attainment (ratio male/female) | | | | | | |
| E1 - no education | 0.64 | 0.95 | 1.03 | 1.01 | 0.99 | 0.98 |
| E2 - incomplete primary | 0.33 | 0.42 | 0.65 | 0.79 | 0.82 | 0.84 |
| E3 - primary | 0.49 | 0.39 | 0.36 | 0.46 | 0.62 | 0.65 |
| E4 - lower secondary | 1.00 | 0.92 | 0.92 | 1.03 | 1.11 | 1.14 |
| E5 - upper secondary | 1.11 | 1.10 | 1.09 | 1.09 | 1.08 | 1.07 |
| E6 - post-secondary | 0.93 | 0.85 | 0.81 | 0.81 | 0.83 | 0.87 |
| minus female) | 0.26 | 0.04 | -0.10 | -0.16 | -0.19 | -0.20 |
| 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| E4 - lower secondary | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 |
| E5 - upper secondary | 0.76 | 0.71 | 0.69 | 0.66 | 0.63 | 0.62 |
| E6 - post-secondary | 0.22 | 0.27 | 0.29 | 0.32 | 0.36 | 0.37 |
| Mean years of schooling (in years) | 12.03 | 12.22 | 12.12 | 12.24 | 12.37 | 12.40 |

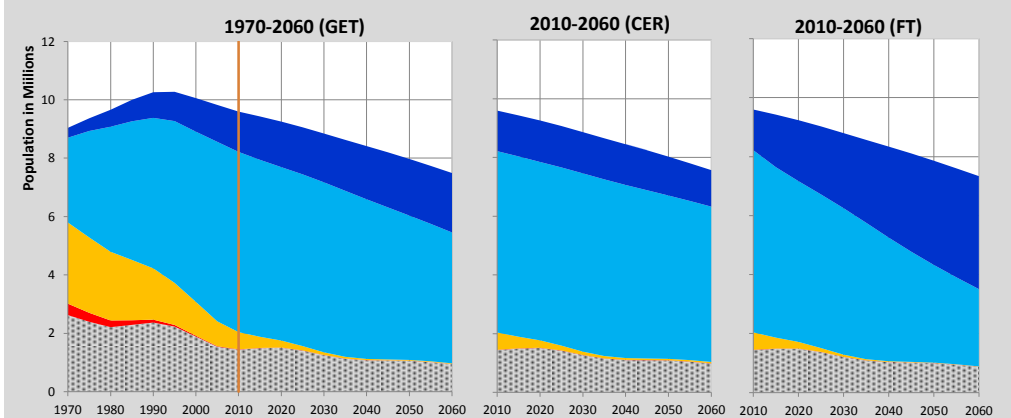
Education scenarios

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

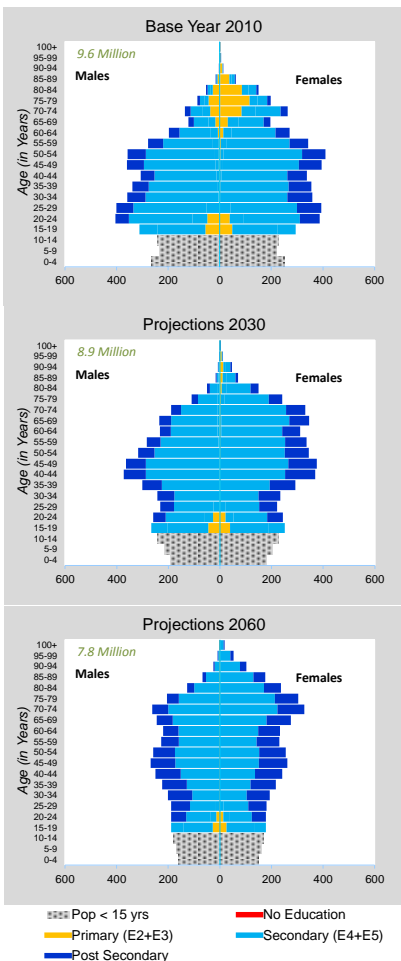
CER: Constant Enrollment Rates Scenario (assumption of no future improvements)

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

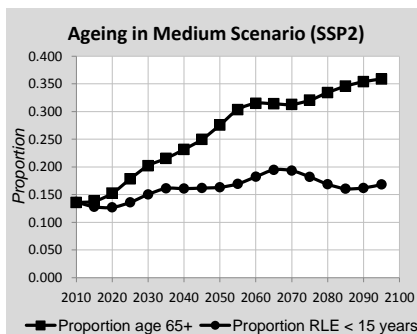
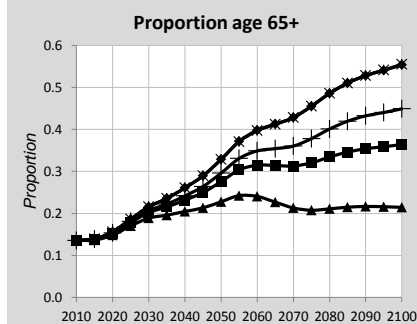
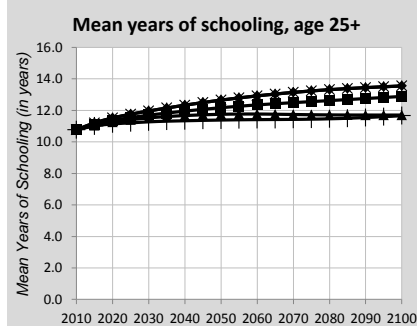
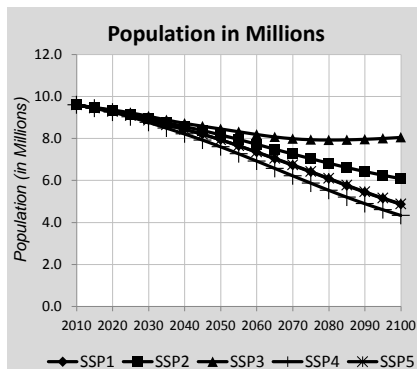
Population size by educational attainment according to three education scenarios: GET, CER, and FT



Pyramids by education, Medium Scenario



Belarus (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 | 9.60 | 9.29 | 8.88 | 8.43 | 7.93 | 6.40 | 4.86 |
| SSP2 - Medium | 9.60 | 9.32 | 8.96 | 8.57 | 8.17 | 7.04 | 6.09 |
| SSP3 - Stalled Development | 9.60 | 9.36 | 9.06 | 8.72 | 8.45 | 7.94 | 8.05 |
| SSP4 - Inequality | 9.60 | 9.25 | 8.76 | 8.21 | 7.60 | 5.87 | 4.33 |
| SSP5 - Conventional Dev. | 9.60 | 9.28 | 8.87 | 8.43 | 7.93 | 6.42 | 4.88 |
| Proportion age 65+ | | | | | | | |
| SSP1 - Rapid Development | 0.14 | 0.16 | 0.22 | 0.26 | 0.33 | 0.46 | 0.55 |
| SSP2 - Medium | 0.14 | 0.15 | 0.20 | 0.23 | 0.28 | 0.32 | 0.36 |
| SSP3 - Stalled Development | 0.14 | 0.15 | 0.19 | 0.20 | 0.23 | 0.21 | 0.21 |
| SSP4 - Inequality | 0.14 | 0.15 | 0.21 | 0.24 | 0.30 | 0.38 | 0.45 |
| SSP5 - Conventional Dev. | 0.14 | 0.16 | 0.22 | 0.26 | 0.33 | 0.46 | 0.56 |
| Proportion below age 20 | | | | | | | |
| SSP1 - Rapid Development | 0.21 | 0.20 | 0.18 | 0.14 | 0.13 | 0.10 | 0.08 |
| SSP2 - Medium | 0.21 | 0.21 | 0.20 | 0.18 | 0.18 | 0.17 | 0.16 |
| SSP3 - Stalled Development | 0.21 | 0.22 | 0.23 | 0.21 | 0.23 | 0.24 | 0.25 |
| SSP4 - Inequality | 0.21 | 0.21 | 0.18 | 0.15 | 0.14 | 0.12 | 0.11 |
| SSP5 - Conventional Dev. | 0.21 | 0.20 | 0.18 | 0.14 | 0.13 | 0.10 | 0.08 |
| Proportion of Women age 20-39 with at least secondary education | | | | | | | |
| SSP1 - Rapid Development | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| SSP2 - Medium | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| SSP3 - Stalled Development | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| SSP4 - Inequality | 1.00 | 0.94 | 0.90 | 0.90 | 0.90 | 0.90 | 0.90 |
| SSP5 - Conventional Dev. | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Mean years of schooling, age 25+ | | | | | | | |
| SSP1 - Rapid Development | 10.77 | 11.52 | 11.97 | 12.33 | 12.65 | 13.24 | 13.56 |
| SSP2 - Medium | 10.77 | 11.36 | 11.70 | 11.96 | 12.17 | 12.56 | 12.89 |
| SSP3 - Stalled Development | 10.77 | 11.26 | 11.53 | 11.67 | 11.75 | 11.73 | 11.71 |
| SSP4 - Inequality | 10.77 | 11.14 | 11.28 | 11.34 | 11.39 | 11.45 | 11.67 |
| SSP5 - Conventional Dev. | 10.77 | 11.52 | 11.97 | 12.33 | 12.66 | 13.24 | 13.56 |

Demographic assumptions underlying SSPs

| | 2010-2015 | 2020-2025 | 2030-2035 | 2040-2045 | 2050-2055 | 2075-2080 | 2095-2100 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Total fertility rate | | | | | | | |
| SSP1 - Rapid Development | 1.43 | 1.26 | 1.17 | 1.17 | 1.17 | 1.20 | 1.22 |
| SSP2 - Medium | 1.52 | 1.51 | 1.51 | 1.56 | 1.60 | 1.63 | 1.65 |
| SSP3 - Stalled Development | 1.60 | 1.76 | 1.88 | 1.97 | 2.05 | 2.11 | 2.15 |
| SSP4 - Inequality | 1.44 | 1.30 | 1.23 | 1.23 | 1.23 | 1.26 | 1.28 |
| SSP5 - Conventional Dev. | 1.43 | 1.26 | 1.17 | 1.17 | 1.17 | 1.20 | 1.22 |
| Life expectancy at birth for females (in years) | | | | | | | |
| SSP1 - Rapid Development | 78.1 | 81.2 | 84.2 | 87.1 | 90.1 | 97.6 | 103.6 |
| SSP2 - Medium | 76.9 | 79.2 | 81.4 | 83.4 | 85.5 | 90.5 | 94.5 |
| SSP3 - Stalled Development | 77.1 | 78.2 | 79.2 | 80.3 | 81.2 | 83.6 | 85.6 |
| SSP4 - Inequality | 77.6 | 79.6 | 81.7 | 83.6 | 85.6 | 90.3 | 94.2 |
| SSP5 - Conventional Dev. | 78.1 | 81.2 | 84.2 | 87.1 | 90.1 | 97.6 | 103.6 |
| Migration – net flow over five years (in thousands) | | | | | | | |
| SSP1 - Rapid Development | -25 | -3 | 5 | 10 | 14 | 5 | 0 |
| SSP2 - Medium | -25 | -3 | 5 | 12 | 17 | 8 | 0 |
| SSP3 - Stalled Development | -21 | -2 | 2 | 7 | 12 | 8 | 0 |
| SSP4 - Inequality | -25 | -3 | 5 | 11 | 16 | 7 | 0 |
| SSP5 - Conventional Dev. | -30 | -5 | 7 | 14 | 18 | 6 | 0 |

Ageing indicators, Medium Scenario (SSP2)

| | 2010 | 2020 | 2030 | 2040 | 2050 | 2075 | 2095 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|
| Median Age | 38.21 | 40.51 | 44.36 | 47.97 | 48.36 | 51.72 | 53.02 |
| Prospective Median Age | 38.21 | 37.87 | 39.42 | 41.05 | 39.20 | 37.54 | 34.68 |
| Proportion age 65+ | 0.14 | 0.15 | 0.20 | 0.23 | 0.28 | 0.32 | 0.36 |
| Proportion RLE < 15 years | 0.14 | 0.13 | 0.15 | 0.16 | 0.16 | 0.18 | 0.17 |