

Poland

Detailed Human Capital projections to 2060

Demographic indicators, Medium Scenario (SSP2)						
	2010	2020	2030	2040	2050	2060
Population (in millions)	38.3	38.3	38.1	37.1	36.0	34.9
Proportion age 65+	0.14	0.18	0.22	0.25	0.30	0.34
Proportion below age 20	0.21	0.20	0.20	0.19	0.18	0.18
2005-2010 2015-2020 2025-2030 2035-2040 2045-2050 2055-2060						
Total Fertility Rate	1.32	1.40	1.60	1.67	1.69	1.70
Life expectancy at birth (in years)						
Male	71.17	73.65	76.09	78.41	80.66	82.84
Female	79.86	81.79	83.79	85.81	87.81	89.81
Five-year immigration flow (in '000)	92	91	94	97	97	95
Five-year emigration flow (in '000)	36	24	20	18	17	16

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	0.00	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	0.17	0.12	0.08	0.05	0.03	0.02
E5 - upper secondary	0.61	0.64	0.65	0.65	0.63	0.61
E6 - post-secondary	0.20	0.24	0.27	0.30	0.34	0.37
Mean years of schooling (in years)	11.93	12.39	12.70	12.96	13.19	13.39
Gender gap (population age 25+): highest educational attainment (ratio male/female)						
E1 - no education	0.40	0.53	0.83	0.94	0.92	0.92
E2 - incomplete primary	0.78	0.78	0.92	1.02	1.02	1.01
E3 - primary	1.86	1.98	1.97	1.79	1.56	1.40
E4 - lower secondary	0.77	0.78	0.83	0.90	0.98	1.03
E5 - upper secondary	1.21	1.20	1.18	1.17	1.16	1.13
E6 - post-secondary	0.71	0.69	0.69	0.72	0.76	0.81
minus female)	0.00	-0.21	-0.33	-0.38	-0.37	-0.31
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	0.05	0.03	0.02	0.02	0.01	0.01
E5 - upper secondary	0.65	0.62	0.61	0.60	0.58	0.57
E6 - post-secondary	0.30	0.35	0.37	0.39	0.41	0.42
Mean years of schooling (in years)	12.98	13.27	13.38	13.46	13.55	13.59

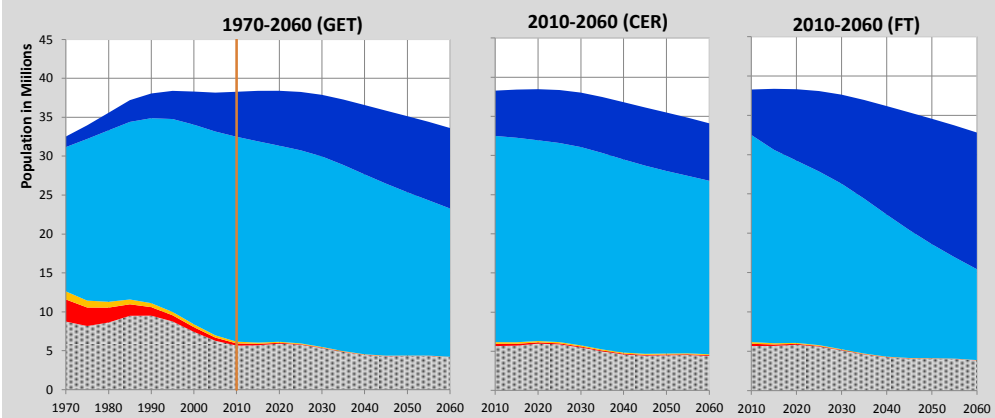
Education scenarios

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

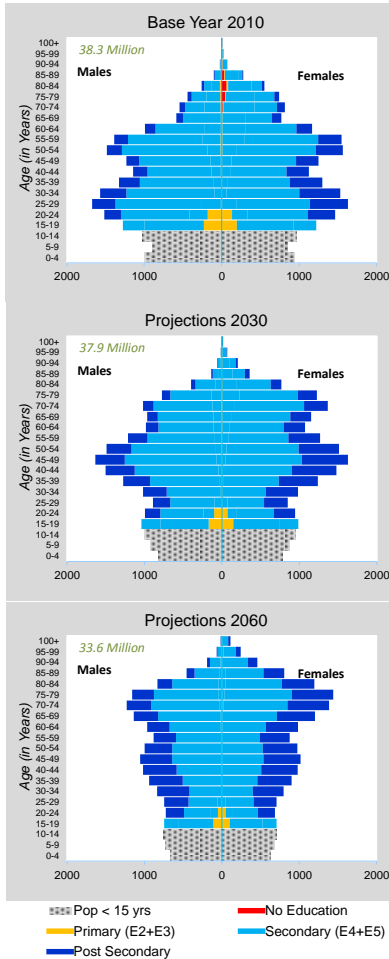
CER: Constant Enrollment Rates Scenario (assumption of no future improvements)

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



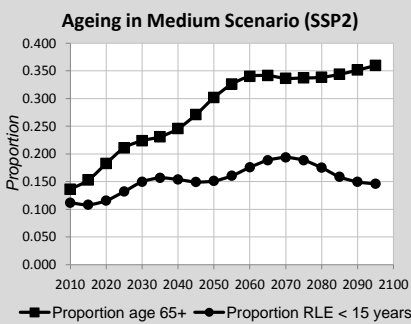
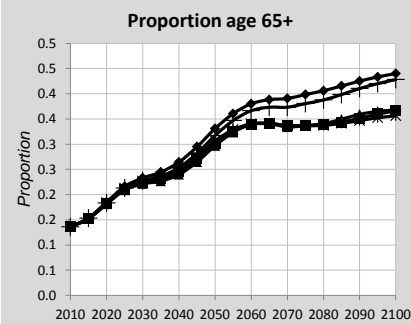
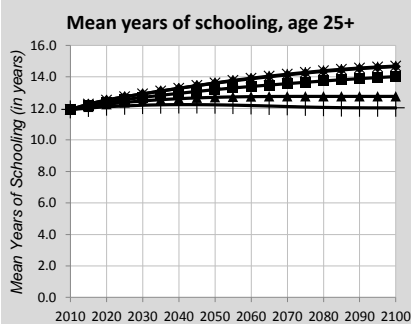
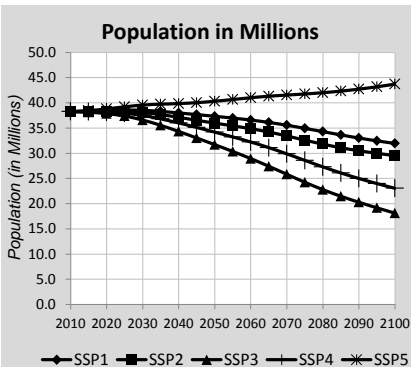
Pyramids by education, Medium Scenario



Poland (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	38.28	38.49	38.53	38.00	37.33	34.94	31.95
SSP2 - Medium	38.28	38.30	38.08	37.13	35.98	32.60	29.53
SSP3 - Stalled Development	38.28	37.87	36.59	34.32	31.70	24.25	18.11
SSP4 - Inequality	38.28	38.15	37.49	36.02	34.19	28.59	23.05
SSP5 - Conventional Dev.	38.28	38.81	39.57	39.86	40.32	41.76	43.72
Proportion age 65+							
SSP1 - Rapid Development	0.14	0.19	0.23	0.26	0.33	0.40	0.44
SSP2 - Medium	0.14	0.18	0.22	0.25	0.30	0.34	0.37
SSP3 - Stalled Development	0.14	0.18	0.22	0.24	0.30	0.34	0.37
SSP4 - Inequality	0.14	0.18	0.23	0.25	0.32	0.38	0.43
SSP5 - Conventional Dev.	0.14	0.18	0.23	0.25	0.31	0.34	0.36
Proportion below age 20							
SSP1 - Rapid Development	0.21	0.20	0.19	0.18	0.17	0.16	0.15
SSP2 - Medium	0.21	0.20	0.20	0.19	0.18	0.18	0.17
SSP3 - Stalled Development	0.21	0.19	0.18	0.16	0.15	0.15	0.14
SSP4 - Inequality	0.21	0.19	0.19	0.17	0.15	0.14	0.13
SSP5 - Conventional Dev.	0.21	0.20	0.21	0.20	0.20	0.20	0.20
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	1.00	1.00	1.00	1.00	1.00	1.00
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	11.93	12.53	12.92	13.27	13.60	14.25	14.66
SSP2 - Medium	11.93	12.39	12.70	12.96	13.19	13.66	14.02
SSP3 - Stalled Development	11.93	12.26	12.48	12.62	12.71	12.76	12.76
SSP4 - Inequality	11.93	12.11	12.20	12.24	12.23	12.09	12.03
SSP5 - Conventional Dev.	11.93	12.53	12.93	13.28	13.62	14.29	14.69
Demographic assumptions underlying SSPs							
	2010-2015	2020-2025	2030-2035	2040-2045	2050-2055	2075-2080	2095-2100
Total fertility rate							
SSP1 - Rapid Development	1.30	1.47	1.59	1.65	1.66	1.67	1.69
SSP2 - Medium	1.30	1.50	1.66	1.68	1.70	1.71	1.72
SSP3 - Stalled Development	1.26	1.31	1.32	1.33	1.32	1.33	1.35
SSP4 - Inequality	1.27	1.36	1.40	1.39	1.38	1.40	1.42
SSP5 - Conventional Dev.	1.37	1.69	1.93	2.04	2.08	2.09	2.11
Life expectancy at birth for females (in years)							
SSP1 - Rapid Development	81.8	84.6	87.6	90.5	93.4	100.9	106.9
SSP2 - Medium	80.8	82.8	84.8	86.8	88.8	93.8	97.8
SSP3 - Stalled Development	80.9	81.7	82.7	83.6	84.6	86.9	88.9
SSP4 - Inequality	81.3	83.2	85.1	87.0	89.0	93.7	97.5
SSP5 - Conventional Dev.	81.8	84.6	87.6	90.5	93.4	100.9	106.9
Migration – net flow over five years (in thousands)							
SSP1 - Rapid Development	60	70	76	76	74	31	0
SSP2 - Medium	61	72	78	80	80	36	0
SSP3 - Stalled Development	50	36	39	41	40	18	0
SSP4 - Inequality	60	70	76	77	76	34	0
SSP5 - Conventional Dev.	70	105	112	115	116	54	0
Ageing indicators, Medium Scenario (SSP2)							
	2010	2020	2030	2040	2050	2075	2095
Median Age	37.92	41.26	45.37	48.99	50.31	51.38	52.08
Prospective Median Age	37.92	39.11	41.22	42.91	42.22	38.43	35.02
Proportion age 65+	0.14	0.18	0.22	0.25	0.30	0.34	0.36
Proportion RLE < 15 years	0.11	0.12	0.15	0.15	0.15	0.19	0.15