

Switzerland

Detailed Human Capital projections to 2060

Demographic indicators, Medium Scenario (SSP2)						
	2010	2020	2030	2040	2050	2060
Population (in millions)	7.7	8.1	8.6	9.0	9.3	9.6
Proportion age 65+	0.17	0.20	0.25	0.30	0.31	0.33
Proportion below age 20	0.21	0.19	0.19	0.19	0.18	0.18
	2005-2010	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Total Fertility Rate	1.46	1.57	1.67	1.72	1.74	1.75
Life expectancy at birth (in years)						
Male	79.31	82.17	84.67	86.64	88.73	90.74
Female	84.11	86.51	88.71	90.69	92.80	94.80
Five-year immigration flow (in '000)	305	244	254	260	261	258
Five-year emigration flow (in '000)	123	86	81	79	80	80

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	0.03	0.02	0.02	0.01	0.01	0.01
E4 - lower secondary	0.22	0.18	0.15	0.12	0.09	0.07
E5 - upper secondary	0.52	0.53	0.53	0.53	0.52	0.51
E6 - post-secondary	0.24	0.27	0.30	0.33	0.37	0.42
Mean years of schooling (in years)	12.66	12.96	13.28	13.58	13.89	14.21
Gender gap (population age 25+): highest educational attainment (ratio male/female)						
E1 - no education	NA	NA	NA	NA	NA	NA
E2 - incomplete primary	NA	1.10	1.10	1.09	1.08	1.07
E3 - primary	0.76	0.79	0.80	0.81	0.81	0.84
E4 - lower secondary	0.61	0.65	0.71	0.76	0.80	0.85
E5 - upper secondary	0.93	0.90	0.89	0.89	0.90	0.92
E6 - post-secondary	1.93	1.66	1.47	1.33	1.22	1.14
minus female)	0.91	0.73	0.59	0.46	0.35	0.26
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	0.01	0.01	0.01	0.00	0.00	0.00
E4 - lower secondary	0.15	0.11	0.08	0.05	0.04	0.03
E5 - upper secondary	0.64	0.63	0.62	0.60	0.58	0.55
E6 - post-secondary	0.20	0.25	0.30	0.34	0.38	0.42
Mean years of schooling (in years)	12.91	13.33	13.83	14.09	14.31	14.52

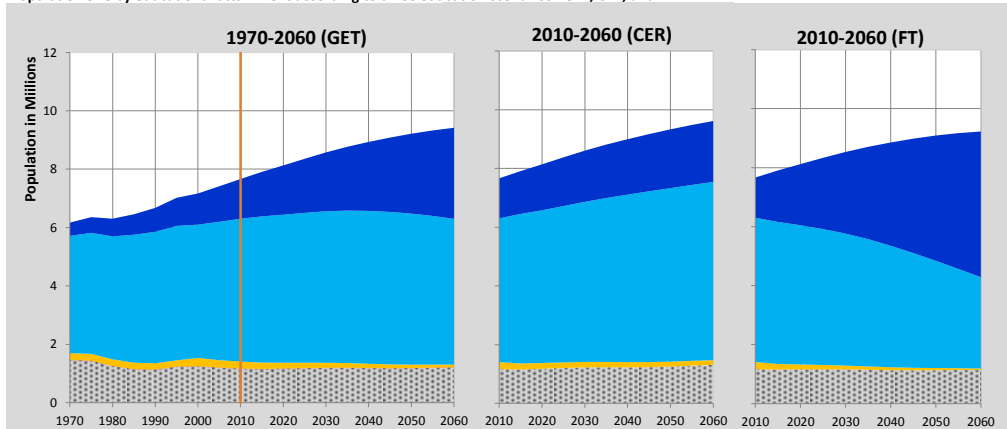
Education scenarios

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

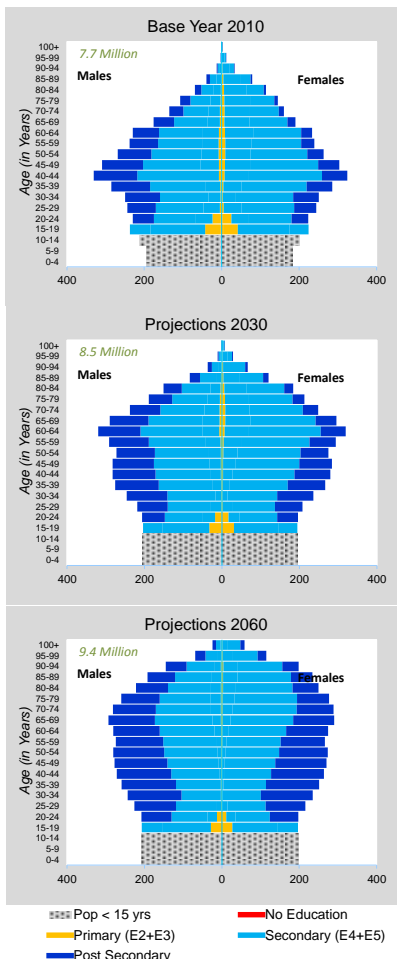
CER: Constant Enrollment Rates Scenario (assumption of no future improvements)

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



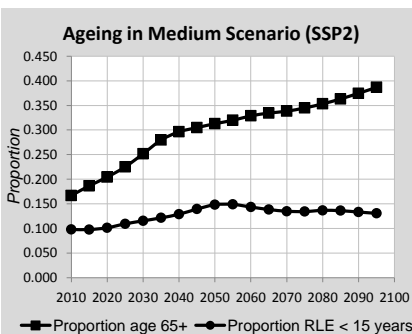
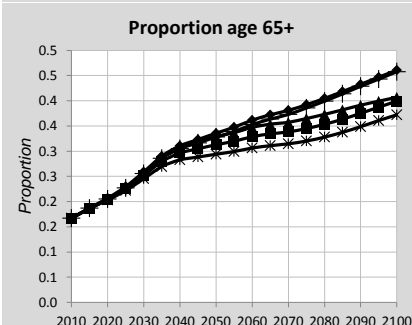
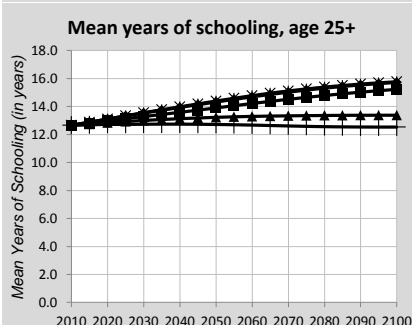
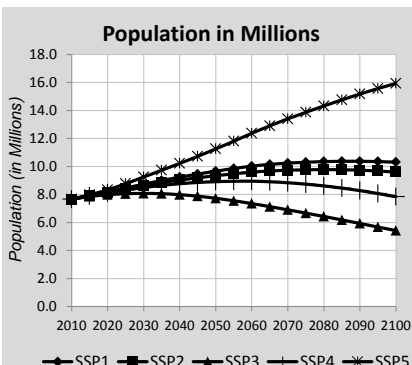
Pyramids by education, Medium Scenario



Switzerland (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	7.66	8.19	8.74	9.23	9.66	10.30	10.31
SSP2 - Medium	7.66	8.15	8.63	9.03	9.34	9.76	9.60
SSP3 - Stalled Development	7.66	7.98	8.08	7.99	7.73	6.67	5.42
SSP4 - Inequality	7.66	8.11	8.50	8.77	8.91	8.74	7.84
SSP5 - Conventional Dev.	7.66	8.33	9.25	10.22	11.25	13.87	15.93
Proportion age 65+							
SSP1 - Rapid Development	0.17	0.21	0.26	0.31	0.34	0.39	0.46
SSP2 - Medium	0.17	0.20	0.25	0.30	0.31	0.35	0.40
SSP3 - Stalled Development	0.17	0.20	0.26	0.31	0.33	0.36	0.41
SSP4 - Inequality	0.17	0.21	0.26	0.31	0.33	0.39	0.46
SSP5 - Conventional Dev.	0.17	0.20	0.25	0.28	0.29	0.32	0.37
Proportion below age 20							
SSP1 - Rapid Development	0.21	0.19	0.19	0.18	0.17	0.16	0.15
SSP2 - Medium	0.21	0.19	0.19	0.19	0.18	0.18	0.16
SSP3 - Stalled Development	0.21	0.19	0.17	0.16	0.15	0.14	0.14
SSP4 - Inequality	0.21	0.19	0.17	0.16	0.15	0.14	0.13
SSP5 - Conventional Dev.	0.21	0.20	0.21	0.21	0.21	0.21	0.20
Proportion of Women age 20-39 with at least secondary education							
SSP1 - Rapid Development	0.99	0.99	1.00	1.00	1.00	1.00	1.00
SSP2 - Medium	0.99	0.99	0.99	1.00	1.00	1.00	1.00
SSP3 - Stalled Development	0.99	0.98	0.98	0.98	0.98	0.98	0.98
SSP4 - Inequality	0.99	0.98	0.98	0.98	0.98	0.98	0.98
SSP5 - Conventional Dev.	0.99	0.99	1.00	1.00	1.00	1.00	1.00
Mean years of schooling, age 25+							
SSP1 - Rapid Development	12.66	13.09	13.53	13.93	14.32	15.17	15.71
SSP2 - Medium	12.66	12.96	13.28	13.58	13.89	14.65	15.22
SSP3 - Stalled Development	12.66	12.83	13.00	13.12	13.22	13.34	13.37
SSP4 - Inequality	12.66	12.72	12.73	12.73	12.71	12.58	12.53
SSP5 - Conventional Dev.	12.66	13.10	13.55	13.98	14.39	15.25	15.76

Demographic assumptions underlying SSPs

	2010-2015	2020-2025	2030-2035	2040-2045	2050-2055	2075-2080	2095-2100
Total fertility rate							
SSP1 - Rapid Development	1.52	1.59	1.66	1.70	1.72	1.73	1.74
SSP2 - Medium	1.52	1.62	1.71	1.73	1.75	1.75	1.75
SSP3 - Stalled Development	1.45	1.41	1.39	1.39	1.38	1.41	1.42
SSP4 - Inequality	1.46	1.44	1.43	1.43	1.43	1.45	1.46
SSP5 - Conventional Dev.	1.59	1.83	2.02	2.11	2.15	2.16	2.17
Life expectancy at birth for females (in years)							
SSP1 - Rapid Development	86.2	89.3	92.4	95.4	98.3	105.9	111.9
SSP2 - Medium	85.4	87.6	89.7	91.8	93.8	98.8	102.8
SSP3 - Stalled Development	85.2	86.4	87.5	88.5	89.4	91.7	93.6
SSP4 - Inequality	85.7	87.8	89.9	91.9	93.9	98.6	102.4
SSP5 - Conventional Dev.	86.2	89.3	92.4	95.4	98.3	105.9	111.9
Migration – net flow over five years (in thousands)							
SSP1 - Rapid Development	168	165	175	174	166	62	0
SSP2 - Medium	166	161	171	174	171	70	0
SSP3 - Stalled Development	140	82	86	86	82	32	0
SSP4 - Inequality	168	165	175	175	170	69	0
SSP5 - Conventional Dev.	196	250	272	284	285	121	0

Ageing indicators, Medium Scenario (SSP2)

	2010	2020	2030	2040	2050	2075	2095
Median Age	41.47	44.61	46.49	48.26	49.61	51.35	54.64
Prospective Median Age	41.47	42.48	42.45	42.34	41.83	38.72	38.12
Proportion age 65+	0.17	0.20	0.25	0.30	0.31	0.34	0.39
Proportion RLE < 15 years	0.10	0.10	0.12	0.13	0.15	0.13	0.13