

Italy

Detailed Human Capital projections to 2060

Demographic indicators, Medium Scenario (SSP2)						
	2010	2020	2030	2040	2050	2060
Population (in millions)	60.6	61.5	61.7	61.8	61.1	59.8
Proportion age 65+	0.20	0.23	0.27	0.33	0.36	0.36
Proportion below age 20	0.19	0.18	0.17	0.16	0.16	0.16
	2005-2010	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Total Fertility Rate	1.38	1.45	1.57	1.60	1.60	1.61
Life expectancy at birth (in years)						
Male	78.59	80.81	82.91	85.08	87.08	89.09
Female	83.97	86.21	88.31	90.41	92.39	94.40
Five-year immigration flow (in '000)	2009	712	740	758	759	748
Five-year emigration flow (in '000)	15	10	9	8	8	8

Human Capital indicators, Medium Scenario (SSP2)						
	2010	2020	2030	2040	2050	2060
Population age 25+: highest educational attainment						
E1 - no education	0.01	0.01	0.00	0.00	0.00	0.00
E2 - incomplete primary	0.04	0.02	0.01	0.01	0.00	0.00
E3 - primary	0.20	0.14	0.09	0.05	0.03	0.01
E4 - lower secondary	0.31	0.30	0.28	0.25	0.21	0.16
E5 - upper secondary	0.33	0.39	0.45	0.50	0.53	0.56
E6 - post-secondary	0.12	0.14	0.17	0.20	0.23	0.27
Mean years of schooling (in years)	9.81	10.61	11.35	12.00	12.56	13.09
Gender gap (population age 25+): highest educational attainment (ratio male/female)						
E1 - no education	0.61	0.66	0.79	0.94	0.99	0.98
E2 - incomplete primary	0.47	0.45	0.52	0.67	0.80	0.86
E3 - primary	0.72	0.65	0.60	0.61	0.73	0.90
E4 - lower secondary	1.28	1.27	1.24	1.20	1.17	1.15
E5 - upper secondary	1.09	1.07	1.06	1.05	1.04	1.04
E6 - post-secondary	0.93	0.86	0.81	0.80	0.82	0.86
minus female)	0.42	0.20	-0.01	-0.17	-0.25	-0.22
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	0.02	0.01	0.01	0.01	0.00	0.00
E4 - lower secondary	0.24	0.15	0.09	0.06	0.04	0.03
E5 - upper secondary	0.56	0.62	0.64	0.64	0.63	0.63
E6 - post-secondary	0.18	0.22	0.26	0.30	0.32	0.34
Mean years of schooling (in years)	12.15	12.89	13.48	13.81	14.03	14.18

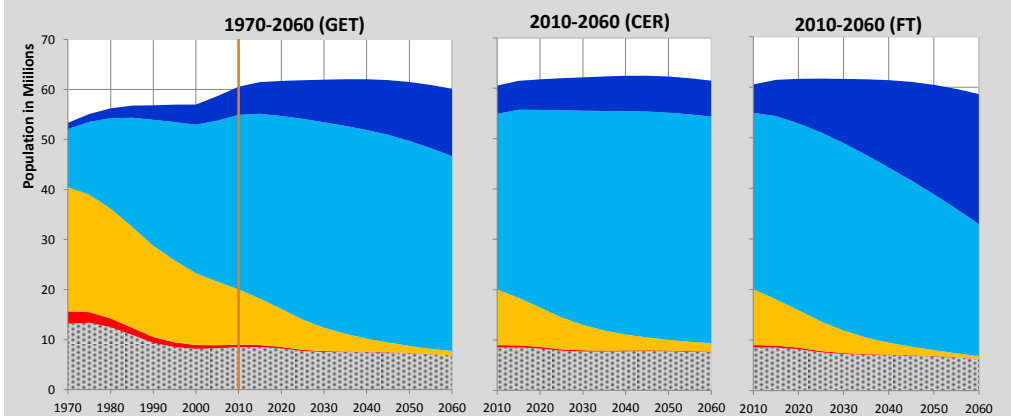
Education scenarios

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

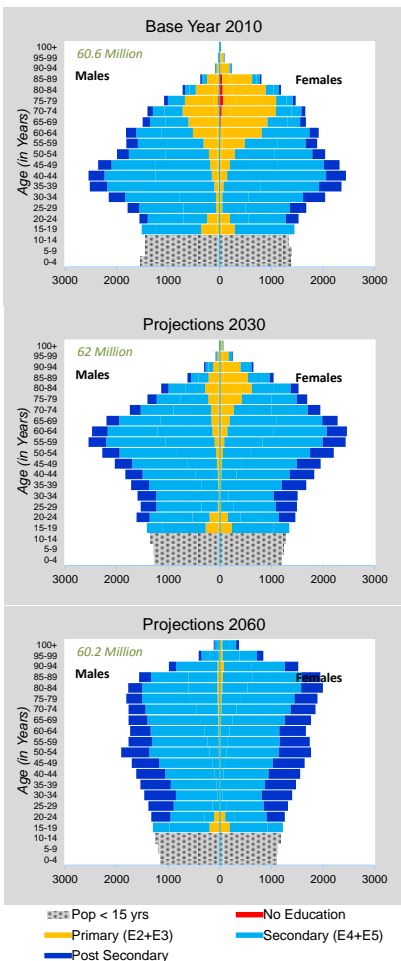
CER: Constant Enrollment Rates Scenario (assumption of no future improvements)

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

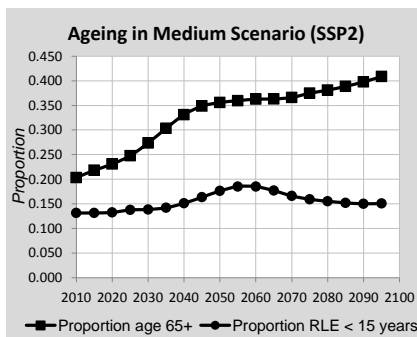
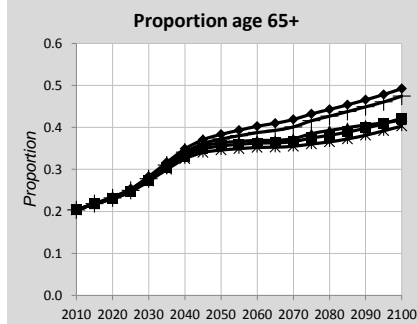
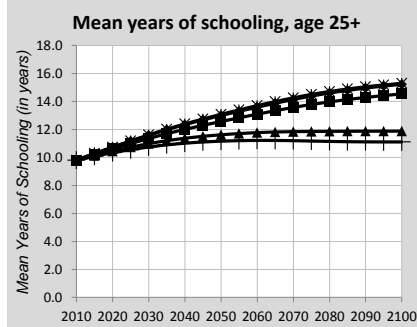
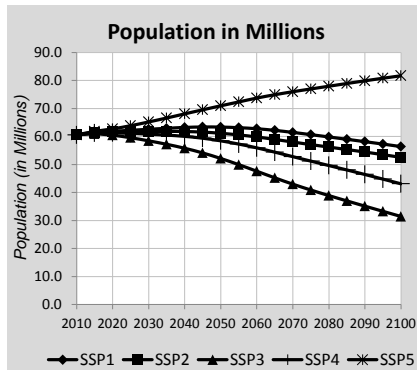
Population size by educational attainment according to three education scenarios: GET, CER, and FT



Pyramids by education, Medium Scenario



Italy (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	60.55	61.86	62.57	63.23	63.36	60.65	56.39
SSP2 - Medium	60.55	61.53	61.74	61.77	61.14	57.10	52.54
SSP3 - Stalled Development	60.55	60.44	58.44	55.79	52.14	40.87	31.43
SSP4 - Inequality	60.55	61.27	60.82	60.04	58.44	51.20	43.09
SSP5 - Conventional Dev.	60.55	62.71	65.19	68.07	70.96	76.98	81.68
Proportion age 65+							
SSP1 - Rapid Development	0.20	0.23	0.28	0.35	0.38	0.43	0.49
SSP2 - Medium	0.20	0.23	0.27	0.33	0.36	0.37	0.42
SSP3 - Stalled Development	0.20	0.23	0.27	0.34	0.36	0.39	0.42
SSP4 - Inequality	0.20	0.23	0.28	0.34	0.37	0.42	0.47
SSP5 - Conventional Dev.	0.20	0.23	0.27	0.33	0.35	0.36	0.40
Proportion below age 20							
SSP1 - Rapid Development	0.19	0.18	0.16	0.16	0.15	0.14	0.13
SSP2 - Medium	0.19	0.18	0.17	0.16	0.16	0.16	0.15
SSP3 - Stalled Development	0.19	0.18	0.15	0.14	0.14	0.13	0.13
SSP4 - Inequality	0.19	0.18	0.15	0.15	0.14	0.13	0.12
SSP5 - Conventional Dev.	0.19	0.18	0.18	0.18	0.19	0.19	0.18
Proportion of Women age 20-39 with at least secondary education							
SSP1 - Rapid Development	0.97	0.99	0.99	1.00	1.00	1.00	1.00
SSP2 - Medium	0.97	0.99	0.99	0.99	1.00	1.00	1.00
SSP3 - Stalled Development	0.97	0.97	0.97	0.97	0.97	0.97	0.97
SSP4 - Inequality	0.97	0.97	0.97	0.97	0.97	0.97	0.97
SSP5 - Conventional Dev.	0.97	0.99	0.99	1.00	1.00	1.00	1.00
Mean years of schooling, age 25+							
SSP1 - Rapid Development	9.81	10.72	11.58	12.34	12.99	14.38	15.22
SSP2 - Medium	9.81	10.61	11.35	12.00	12.56	13.78	14.54
SSP3 - Stalled Development	9.81	10.44	10.98	11.37	11.62	11.85	11.88
SSP4 - Inequality	9.81	10.34	10.74	11.02	11.16	11.17	11.11
SSP5 - Conventional Dev.	9.81	10.74	11.61	12.39	13.08	14.50	15.29

Demographic assumptions underlying SSPs

	2010-2015	2020-2025	2030-2035	2040-2045	2050-2055	2075-2080	2095-2100
Total fertility rate							
SSP1 - Rapid Development	1.40	1.48	1.54	1.56	1.56	1.59	1.62
SSP2 - Medium	1.39	1.51	1.60	1.60	1.60	1.63	1.65
SSP3 - Stalled Development	1.34	1.32	1.31	1.30	1.29	1.33	1.36
SSP4 - Inequality	1.34	1.34	1.34	1.34	1.33	1.37	1.40
SSP5 - Conventional Dev.	1.47	1.70	1.87	1.93	1.95	1.99	2.03
Life expectancy at birth for females (in years)							
SSP1 - Rapid Development	86.2	89.3	92.3	95.1	98.0	105.6	111.8
SSP2 - Medium	85.1	87.3	89.4	91.4	93.4	98.5	102.6
SSP3 - Stalled Development	85.2	86.3	87.3	88.2	89.1	91.5	93.4
SSP4 - Inequality	85.7	87.9	89.8	91.7	93.6	98.4	102.2
SSP5 - Conventional Dev.	86.2	89.3	92.3	95.1	98.0	105.6	111.8
Migration – net flow over five years (in thousands)							
SSP1 - Rapid Development	1136	713	730	719	686	252	0
SSP2 - Medium	1119	709	730	735	726	294	0
SSP3 - Stalled Development	946	356	367	366	358	145	0
SSP4 - Inequality	1135	711	727	723	706	291	0
SSP5 - Conventional Dev.	1326	1074	1117	1145	1146	481	0

Ageing indicators, Medium Scenario (SSP2)

	2010	2020	2030	2040	2050	2075	2095
Median Age	43.17	46.98	50.11	51.57	52.56	53.93	57.06
Prospective Median Age	43.17	44.99	46.27	45.92	45.08	41.63	40.78
Proportion age 65+	0.20	0.23	0.27	0.33	0.36	0.37	0.41
Proportion RLE < 15 years	0.13	0.13	0.14	0.15	0.18	0.16	0.15