Netherlands

Detailed Human Capital projections to 2060

Pyramids by education, Medium Scenario

Demographic indicators, Medium Scenario (SSP2)

	2010	2020	2030	2040	2050	2060
Population (in millions)	16.6	17.1	17.6	18.0	18.1	18.2
Proportion age 65+	0.15	0.20	0.25	0.28	0.29	0.30
Proportion below age 20	0.24	0.22	0.20	0.20	0.20	0.19
	2005-2010	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Total Fertility Rate	1.75	1.75	1.79	1.80	1.80	1.80
Life expectancy at birth (in years)						
Male	78.05	80.13	82.21	84.14	86.21	88.31
Female	82.20	83.99	86.01	88.01	90.09	92.19
Five-year immigration flow (in '000)	296	291	302	309	309	304
Five-year emigration flow (in '000)	246	175	169	159	155	154

Human Capital indicators, Medium Scenario (SSP2)

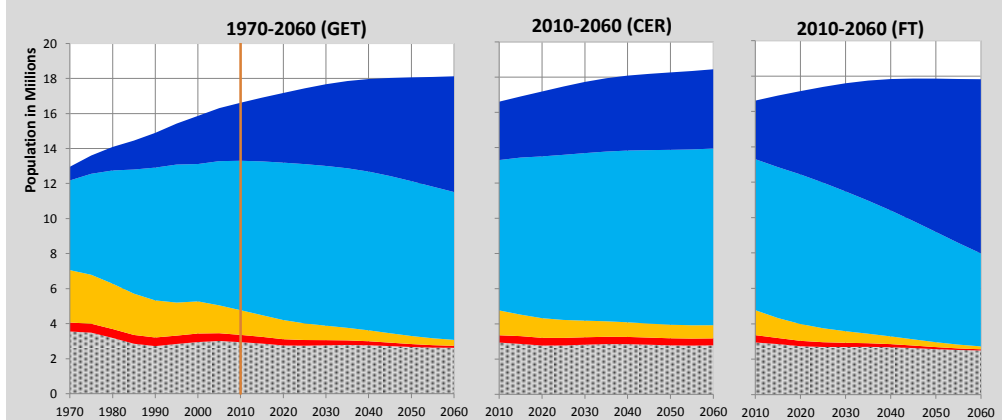|	2010	2020	2030	2040	2050	2060
Population age 25+: highest educational attainment						
E1 - no education	0.03	0.03	0.02	0.02	0.01	0.01
E2 - incomplete primary	0.00	0.00	0.00	0.00	0.00	0.00
E3 - primary	0.10	0.07	0.05	0.04	0.03	0.02
E4 - lower secondary	0.22	0.19	0.16	0.13	0.10	0.07
E5 - upper secondary	0.38	0.41	0.43	0.44	0.44	0.44
E6 - post-secondary	0.27	0.30	0.34	0.38	0.42	0.46
Mean years of schooling (in years)	11.49	11.93	12.34	12.71	13.07	13.41
Gender gap (population age 25+): highest educational attainment (ratio male/female)						
E1 - no education	0.82	0.84	0.85	0.86	0.87	0.87
E2 - incomplete primary	NA	NA	NA	NA	NA	NA
E3 - primary	0.72	0.81	0.89	0.98	1.08	1.18
E4 - lower secondary	0.78	0.86	0.94	1.03	1.12	1.19
E5 - upper secondary	1.11	1.06	1.04	1.03	1.03	1.02
E6 - post-secondary	1.21	1.09	1.01	0.96	0.94	0.95
minus female)	0.61	0.33	0.11	-0.03	-0.12	-0.13
Women age 20-39: highest educational attainment						
E1 - no education	0.02	0.01	0.01	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	0.01	0.01	0.01	0.01
E4 - lower secondary	0.13	0.09	0.07	0.05	0.04	0.03
E5 - upper secondary	0.49	0.50	0.49	0.47	0.45	0.44
E6 - post-secondary	0.32	0.38	0.43	0.47	0.49	0.52
Mean years of schooling (in years)	12.46	12.95	13.33	13.59	13.77	13.92

Education scenarios

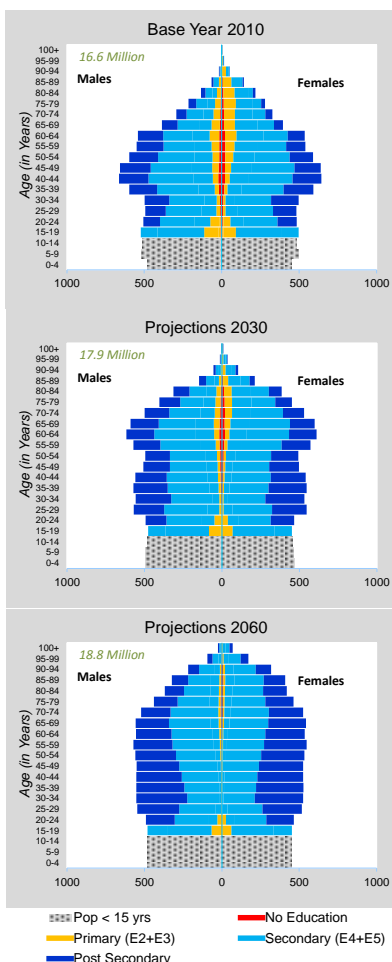*GET : Global Education Trend Scenario (Medium assumption also used for SSP2)*

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

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

Base Year 2010 — 16.6 Million

Projections 2030 — 17.9 Million

Projections 2060 — 18.8 Million

Legend: Pop < 15 yrs · No Education · Primary (E2+E3) · Secondary (E4+E5) · Post Secondary

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

1970-2060 (GET)

2010-2060 (CER)
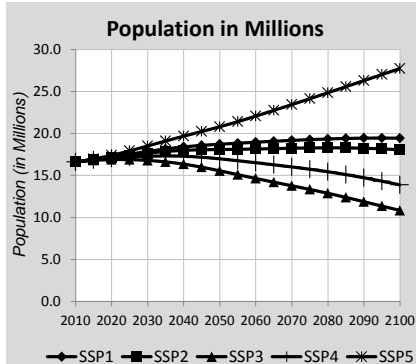

2010-2060 (FT)

Netherlands (Continued)

Population in Millions

Mean years of schooling, age 25+

Proportion age 65+

Ageing in Medium Scenario (SSP2)

Alternative scenarios to 2100

Projection results by scenario (SSP 1-5)
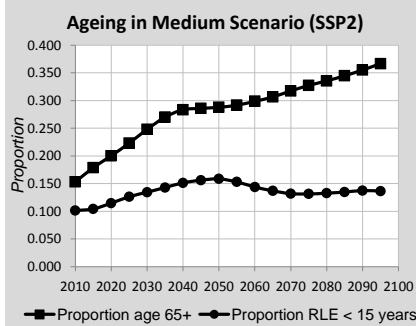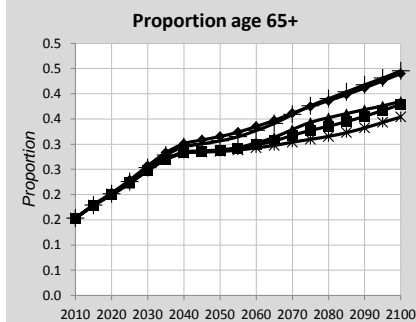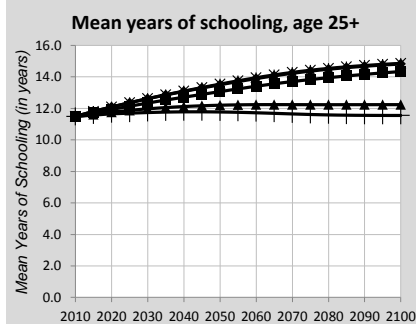
	2010	2020	2030	2040	2050	2075	2100
Population (in millions)							
SSP1 - Rapid Development	16.61	17.21	17.86	18.40	18.72	19.27	19.44
SSP2 - Medium	16.61	17.14	17.65	17.99	18.09	18.28	18.06
SSP3 - Stalled Development	16.61	16.89	16.79	16.35	15.56	13.34	10.84
SSP4 - Inequality	16.61	17.03	17.28	17.29	16.98	15.74	13.88
SSP5 - Conventional Dev.	16.61	17.40	18.51	19.68	20.80	24.14	27.73
Proportion age 65+							
SSP1 - Rapid Development	0.15	0.20	0.26	0.30	0.32	0.37	0.44
SSP2 - Medium	0.15	0.20	0.25	0.28	0.29	0.33	0.38
SSP3 - Stalled Development	0.15	0.20	0.25	0.28	0.29	0.34	0.39
SSP4 - Inequality	0.15	0.20	0.25	0.29	0.31	0.38	0.45
SSP5 - Conventional Dev.	0.15	0.20	0.25	0.28	0.29	0.31	0.35
Proportion below age 20							
SSP1 - Rapid Development	0.24	0.22	0.20	0.20	0.19	0.17	0.15
SSP2 - Medium	0.24	0.22	0.20	0.20	0.20	0.19	0.17
SSP3 - Stalled Development	0.24	0.21	0.19	0.18	0.17	0.15	0.14
SSP4 - Inequality	0.24	0.21	0.19	0.18	0.17	0.15	0.13
SSP5 - Conventional Dev.	0.24	0.22	0.22	0.23	0.22	0.22	0.21
Proportion of Women age 20-39 with at least secondary education							
SSP1 - Rapid Development	0.95	0.98	0.99	0.99	0.99	1.00	1.00
SSP2 - Medium	0.95	0.97	0.98	0.99	0.99	1.00	1.00
SSP3 - Stalled Development	0.95	0.93	0.93	0.93	0.93	0.93	0.93
SSP4 - Inequality	0.95	0.93	0.93	0.93	0.93	0.93	0.93
SSP5 - Conventional Dev.	0.95	0.98	0.99	0.99	0.99	1.00	1.00
Mean years of schooling, age 25+							
SSP1 - Rapid Development	11.49	12.09	12.62	13.08	13.50	14.37	14.82
SSP2 - Medium	11.49	11.93	12.34	12.71	13.07	13.83	14.34
SSP3 - Stalled Development	11.49	11.76	11.98	12.12	12.21	12.24	12.24
SSP4 - Inequality	11.49	11.66	11.74	11.78	11.77	11.62	11.55
SSP5 - Conventional Dev.	11.49	12.09	12.63	13.10	13.54	14.43	14.86

Demographic assumptions underlying SSPs

	2010-2015	2020-2025	2030-2035	2040-2045	2050-2055	2075-2080	2095-2100
Total fertility rate							
SSP1 - Rapid Development	1.72	1.74	1.77	1.78	1.78	1.78	1.77
SSP2 - Medium	1.72	1.77	1.80	1.80	1.80	1.79	1.78
SSP3 - Stalled Development	1.65	1.54	1.46	1.43	1.41	1.42	1.42
SSP4 - Inequality	1.65	1.56	1.49	1.46	1.44	1.45	1.45
SSP5 - Conventional Dev.	1.81	2.00	2.14	2.20	2.22	2.22	2.22
Life expectancy at birth for females (in years)							
SSP1 - Rapid Development	84.0	86.9	89.8	92.7	95.8	103.8	110.2
SSP2 - Medium	83.1	85.0	87.0	89.0	91.1	96.6	101.0
SSP3 - Stalled Development	83.1	83.9	84.9	85.8	86.8	89.5	91.7
SSP4 - Inequality	83.6	85.4	87.3	89.2	91.2	96.4	100.6
SSP5 - Conventional Dev.	84.0	86.9	89.8	92.7	95.8	103.8	110.2
Migration – net flow over five years (in thousands)							
SSP1 - Rapid Development	90	123	140	148	142	58	0
SSP2 - Medium	92	124	142	153	151	66	0
SSP3 - Stalled Development	75	62	71	76	75	33	0
SSP4 - Inequality	90	123	139	147	143	62	0
SSP5 - Conventional Dev.	105	184	211	230	229	105	0

Ageing indicators, Medium Scenario (SSP2)

	2010	2020	2030	2040	2050	2075	2095
Median Age	40.76	43.76	44.89	46.01	47.22	49.44	53.05
Propspective Median Age	40.76	41.97	41.29	40.57	39.79	36.70	36.08
Proportion age 65+	0.15	0.20	0.25	0.28	0.29	0.33	0.37
Proportion RLE < 15 years	0.10	0.11	0.13	0.15	0.16	0.13	0.14