Denmark

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)	5.6	5.8	6.1	6.4	6.7	7.1
Proportion age 65+	0.16	0.20	0.22	0.24	0.24	0.26
Proportion below age 20	0.24	0.22	0.22	0.23	0.22	0.22
	2005-2010	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Total Fertility Rate	1.85	1.81	1.96	2.00	2.00	1.99
Life expectancy at birth (in years)						
Male	75.99	78.11	80.19	82.17	84.17	86.20
Female	80.50	82.81	84.91	86.91	88.91	90.91
Five-year immigration flow (in '000)	110	108	112	115	115	113
Five-year emigration flow (in '000)	20	15	14	14	15	16

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	0.00	0.00	0.00	0.00	0.00	0.00
E4 - lower secondary	0.29	0.23	0.19	0.15	0.11	0.08
E5 - upper secondary	0.45	0.48	0.49	0.49	0.49	0.48
E6 - post-secondary	0.25	0.29	0.32	0.36	0.40	0.44
Mean years of schooling (in years)	12.13	12.43	12.72	12.98	13.23	13.49
Gender gap (population age 25+): highest educational attainment (ratio male/female)						
E1 - no education	NA	NA	NA	NA	NA	NA
E2 - incomplete primary	NA	1.08	1.08	1.08	1.07	1.05
E3 - primary	0.73	0.66	0.61	0.55	0.49	0.48
E4 - lower secondary	0.83	0.92	1.01	1.11	1.19	1.23
E5 - upper secondary	1.20	1.16	1.13	1.11	1.10	1.07
E6 - post-secondary	0.89	0.85	0.82	0.83	0.85	0.89
minus female)	0.04	-0.13	-0.25	-0.31	-0.31	-0.25
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	0.18	0.14	0.11	0.08	0.07	0.06
E5 - upper secondary	0.55	0.56	0.55	0.55	0.55	0.54
E6 - post-secondary	0.27	0.30	0.34	0.37	0.38	0.40
Mean years of schooling (in years)	12.50	12.75	13.03	13.20	13.27	13.41

Base Year 2010 — 5.6 Million — Males / Females

Projections 2030 — 6.1 Million — Males / Females

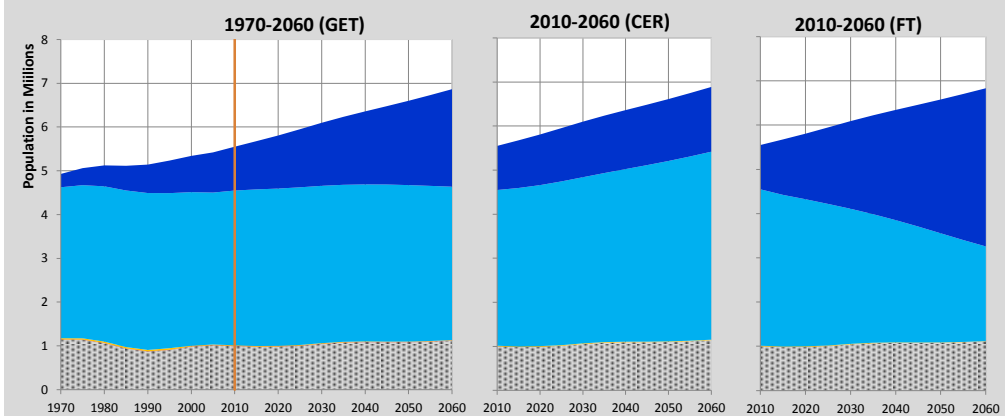Projections 2060 — 6.8 Million — Males / Females

Education scenarios

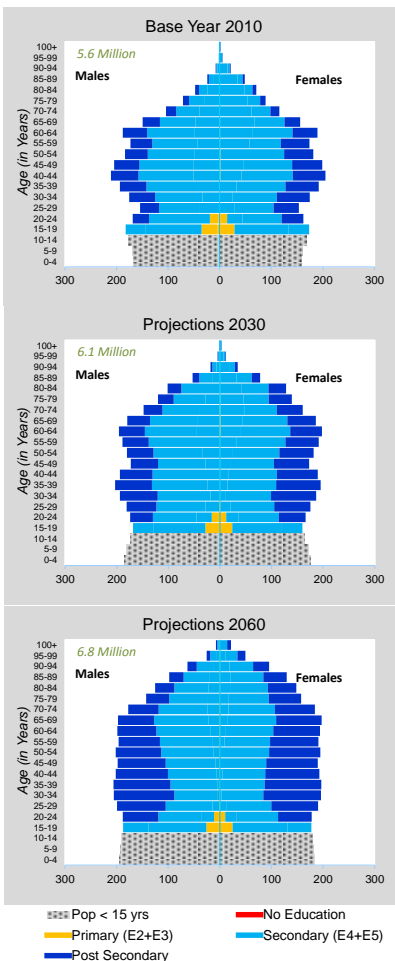*GET : Global Education Trend Scenario (Medium assumption also used for SSP2)*

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

FT: Fast Track Scenario (assumption of education expansion according to fastest historical experience)
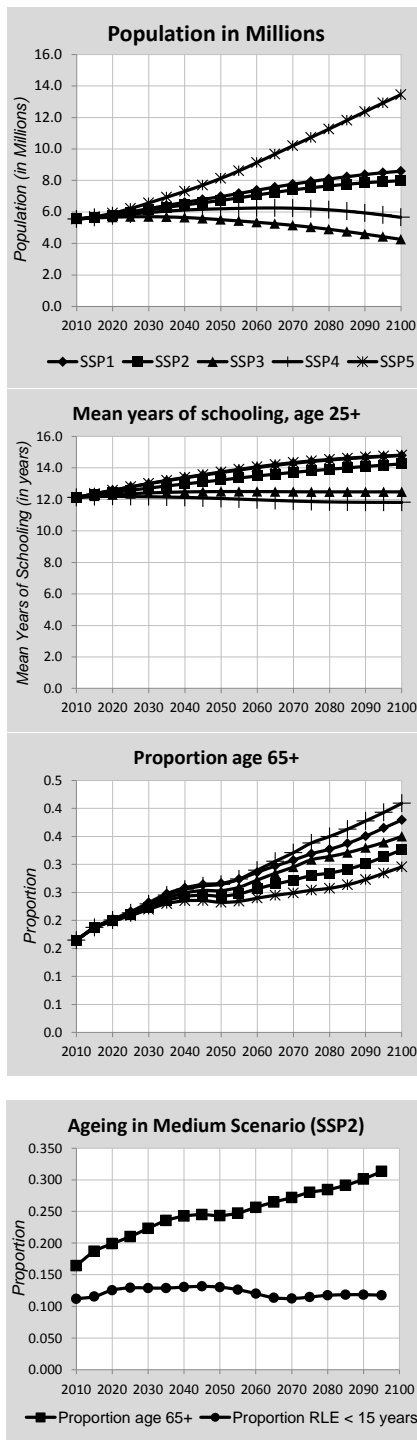
Legend:
- Pop < 15 yrs
- No Education
- Primary (E2+E3)
- Secondary (E4+E5)
- Post Secondary

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

1970-2060 (GET)

2010-2060 (CER)

2010-2060 (FT)

Denmark (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	5.55	5.82	6.21	6.61	6.98	7.93	8.59
SSP2 - Medium	5.55	5.79	6.12	6.45	6.74	7.53	7.98
SSP3 - Stalled Development	5.55	5.67	5.70	5.65	5.51	5.04	4.26
SSP4 - Inequality	5.55	5.75	5.96	6.12	6.20	6.20	5.66
SSP5 - Conventional Dev.	5.55	5.92	6.57	7.31	8.13	10.73	13.45
Proportion age 65+							
SSP1 - Rapid Development	0.16	0.20	0.23	0.26	0.27	0.32	0.38
SSP2 - Medium	0.16	0.20	0.22	0.24	0.24	0.28	0.33
SSP3 - Stalled Development	0.16	0.20	0.23	0.25	0.25	0.31	0.35
SSP4 - Inequality	0.16	0.20	0.23	0.26	0.26	0.34	0.41
SSP5 - Conventional Dev.	0.16	0.20	0.22	0.23	0.23	0.25	0.30
Proportion below age 20							
SSP1 - Rapid Development	0.24	0.22	0.22	0.23	0.22	0.21	0.18
SSP2 - Medium	0.24	0.22	0.22	0.23	0.22	0.22	0.20
SSP3 - Stalled Development	0.24	0.22	0.20	0.20	0.19	0.17	0.16
SSP4 - Inequality	0.24	0.22	0.20	0.20	0.19	0.16	0.14
SSP5 - Conventional Dev.	0.24	0.23	0.24	0.26	0.26	0.26	0.24
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	12.13	12.58	13.00	13.37	13.71	14.41	14.79
SSP2 - Medium	12.13	12.43	12.72	12.98	13.23	13.82	14.26
SSP3 - Stalled Development	12.13	12.29	12.41	12.48	12.50	12.48	12.48
SSP4 - Inequality	12.13	12.19	12.17	12.13	12.06	11.87	11.81
SSP5 - Conventional Dev.	12.13	12.58	13.01	13.40	13.74	14.45	14.81

Demographic assumptions underlying SSPs

	2010-2015	2020-2025	2030-2035	2040-2045	2050-2055	2075-2080	2095-2100
Total fertility rate							
SSP1 - Rapid Development	1.74	1.88	1.97	2.00	1.99	1.95	1.92
SSP2 - Medium	1.73	1.88	2.00	2.00	2.00	1.95	1.92
SSP3 - Stalled Development	1.66	1.61	1.57	1.54	1.51	1.48	1.46
SSP4 - Inequality	1.66	1.61	1.58	1.55	1.52	1.49	1.47
SSP5 - Conventional Dev.	1.83	2.16	2.39	2.47	2.49	2.44	2.40
Life expectancy at birth for females (in years)							
SSP1 - Rapid Development	82.5	85.6	88.6	91.6	94.5	102.0	108.1
SSP2 - Medium	81.7	83.8	85.9	87.9	89.9	94.9	98.9
SSP3 - Stalled Development	81.5	82.6	83.7	84.7	85.6	87.9	89.8
SSP4 - Inequality	82.0	84.1	86.1	88.1	90.0	94.7	98.6
SSP5 - Conventional Dev.	82.5	85.6	88.6	91.6	94.5	102.0	108.1
Migration – net flow over five years (in thousands)							
SSP1 - Rapid Development	89	95	98	97	92	40	0
SSP2 - Medium	88	94	97	98	96	44	0
SSP3 - Stalled Development	74	47	48	48	45	20	0
SSP4 - Inequality	89	94	96	95	89	39	0
SSP5 - Conventional Dev.	103	143	150	155	156	77	0

Ageing indicators, Medium Scenario (SSP2)

	2010	2020	2030	2040	2050	2075	2095
Median Age	40.56	42.20	41.94	42.90	43.64	45.09	47.91
Propspective Median Age	40.56	40.11	37.84	36.82	35.57	32.30	31.32
Proportion age 65+	0.16	0.20	0.22	0.24	0.24	0.28	0.31
Proportion RLE < 15 years	0.11	0.13	0.13	0.13	0.13	0.11	0.12