

Northern America

Detailed Human Capital projections to 2060

Demographic indicators, Medium Scenario (SSP2)						
	2010	2020	2030	2040	2050	2060
Population (in millions)	344.5	371.5	399.9	425.5	447.5	469.9
Proportion age 65+	0.13	0.16	0.20	0.22	0.23	0.25
Proportion below age 20	0.27	0.25	0.24	0.23	0.23	0.22
	2005- 2010	2015- 2020	2025- 2030	2035- 2040	2045- 2050	2055- 2060
Total Fertility Rate	2.03	1.88	1.90	1.91	1.90	1.89
Life expectancy at birth (in years)						
Male	75.63	76.92	78.65	80.50	82.45	84.68
Female	80.73	82.06	83.80	85.56	87.49	89.71
Five-year immigration flow (in '000)	7781	7662	7962	8151	8153	8027
Five-year emigration flow (in '000)	1737	1288	1298	1301	1328	1361

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	0.01	0.00	0.00	0.00	0.00	0.00
E3 - primary	0.04	0.03	0.02	0.02	0.01	0.01
E4 - lower secondary	0.07	0.06	0.06	0.05	0.04	0.04
E5 - upper secondary	0.49	0.48	0.46	0.45	0.43	0.41
E6 - post-secondary	0.38	0.42	0.45	0.48	0.51	0.55
Mean years of schooling (in years)	12.93	13.20	13.42	13.62	13.81	13.99
Gender gap (population age 25+): highest educational attainment (ratio male/female)						
E1 - no education	0.99	1.00	1.01	1.01	0.99	0.97
E2 - incomplete primary	1.13	1.17	1.19	1.19	1.17	1.12
E3 - primary	1.06	1.12	1.17	1.19	1.20	1.17
E4 - lower secondary	1.03	1.09	1.13	1.15	1.14	1.10
E5 - upper secondary	0.98	1.03	1.07	1.10	1.11	1.10
E6 - post-secondary	1.01	0.95	0.91	0.90	0.90	0.93
minus female)	-0.01	-0.13	-0.21	-0.25	-0.24	-0.19
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	0.02	0.01	0.01	0.01	0.00
E4 - lower secondary	0.06	0.05	0.04	0.03	0.02	0.02
E5 - upper secondary	0.50	0.48	0.47	0.45	0.45	0.44
E6 - post-secondary	0.41	0.45	0.48	0.51	0.52	0.53
Mean years of schooling (in years)	13.26	13.53	13.70	13.86	13.95	14.03

Education scenarios

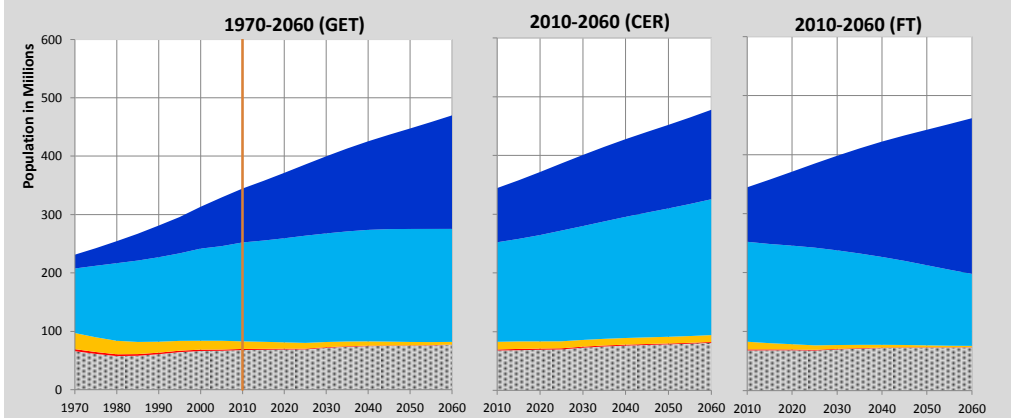
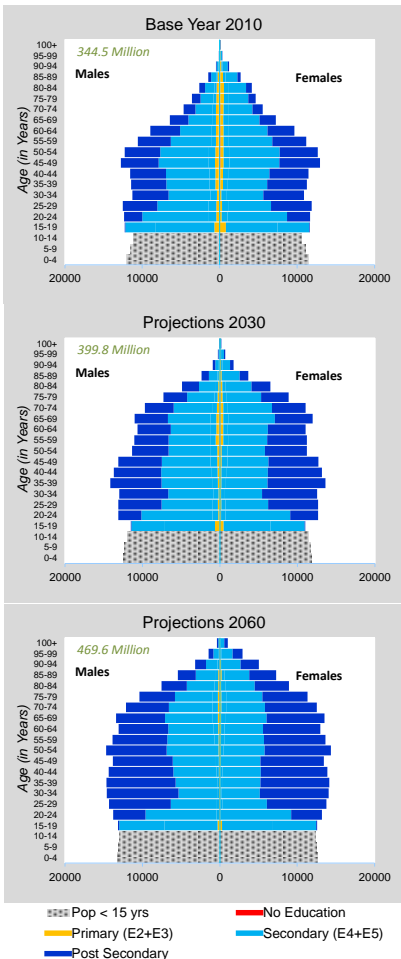
GET : Global Education Trend Scenario (Medium assumption also used for SSP2)

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

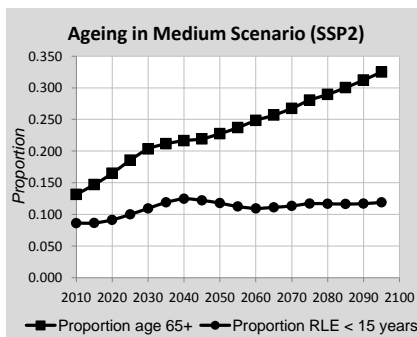
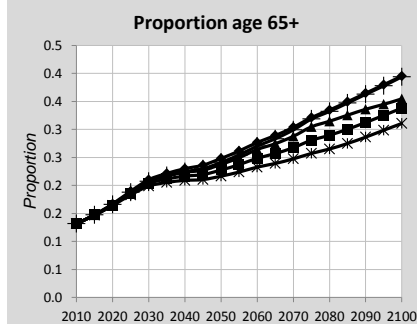
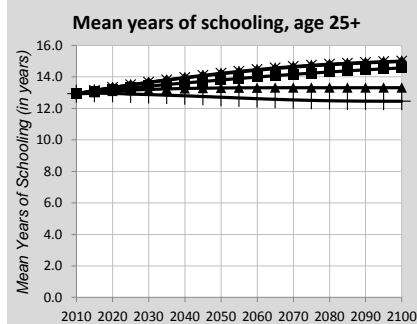
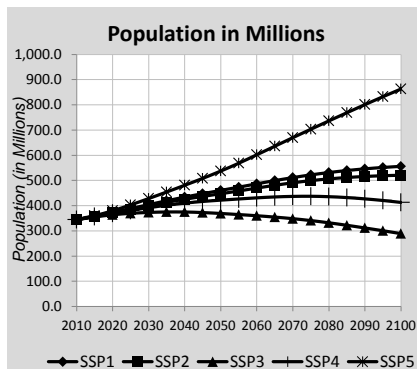
FT: Fast Track Scenario (assumption of education expansion according to fastest historical experience)

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

Pyramids by education, Medium Scenario



Northern America (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	345	373	404	434	461	522	556
SSP2 - Medium	345	372	400	426	447	499	521
SSP3 - Stalled Development	345	364	373	375	369	341	289
SSP4 - Inequality	345	369	392	410	422	437	413
SSP5 - Conventional Dev.	345	380	428	481	537	703	863
Proportion age 65+							
SSP1 - Rapid Development	0.13	0.17	0.21	0.23	0.25	0.32	0.40
SSP2 - Medium	0.13	0.16	0.20	0.22	0.23	0.28	0.34
SSP3 - Stalled Development	0.13	0.17	0.21	0.22	0.24	0.30	0.35
SSP4 - Inequality	0.13	0.17	0.21	0.22	0.24	0.32	0.39
SSP5 - Conventional Dev.	0.13	0.16	0.20	0.21	0.22	0.26	0.31
Proportion below age 20							
SSP1 - Rapid Development	0.27	0.25	0.23	0.23	0.22	0.19	0.17
SSP2 - Medium	0.27	0.25	0.24	0.23	0.23	0.21	0.19
SSP3 - Stalled Development	0.27	0.24	0.22	0.20	0.19	0.17	0.15
SSP4 - Inequality	0.27	0.24	0.22	0.21	0.20	0.17	0.15
SSP5 - Conventional Dev.	0.27	0.25	0.25	0.26	0.26	0.25	0.23
Proportion of Women age 20-39 with at least secondary education							
SSP1 - Rapid Development	0.97	0.99	0.99	0.99	1.00	1.00	1.00
SSP2 - Medium	0.97	0.98	0.99	0.99	0.99	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	0.99	1.00	1.00	1.00
Mean years of schooling, age 25+							
SSP1 - Rapid Development	12.93	13.32	13.65	13.94	14.20	14.70	14.98
SSP2 - Medium	12.93	13.20	13.42	13.62	13.81	14.24	14.57
SSP3 - Stalled Development	12.93	13.10	13.21	13.27	13.30	13.32	13.32
SSP4 - Inequality	12.93	12.96	12.88	12.80	12.71	12.51	12.46
SSP5 - Conventional Dev.	12.93	13.33	13.66	13.96	14.23	14.74	15.01

Demographic assumptions underlying SSPs

	2010-2015	2020-2025	2030-2035	2040-2045	2050-2055	2075-2080	2095-2100
Total fertility rate							
SSP1 - Rapid Development	1.85	1.87	1.88	1.87	1.86	1.84	1.83
SSP2 - Medium	1.86	1.90	1.91	1.91	1.89	1.86	1.85
SSP3 - Stalled Development	1.77	1.64	1.55	1.50	1.47	1.47	1.46
SSP4 - Inequality	1.78	1.70	1.64	1.59	1.56	1.55	1.54
SSP5 - Conventional Dev.	1.94	2.14	2.27	2.32	2.33	2.30	2.29
Life expectancy at birth for females (in years)							
SSP1 - Rapid Development	81.9	84.5	87.2	89.9	92.9	101.3	108.3
SSP2 - Medium	81.4	83.0	84.7	86.5	88.6	94.3	98.8
SSP3 - Stalled Development	80.9	81.5	82.1	82.8	83.9	87.0	89.5
SSP4 - Inequality	81.4	82.9	84.6	86.3	88.4	93.9	98.4
SSP5 - Conventional Dev.	81.8	84.5	87.2	89.9	92.9	101.3	108.3
Migration – net flow over five years (in thousands)							
SSP1 - Rapid Development	6008	6477	6665	6582	6276	2586	0
SSP2 - Medium	6058	6530	6777	6865	6755	3051	0
SSP3 - Stalled Development	5000	3223	3296	3258	3117	1339	0
SSP4 - Inequality	6003	6451	6626	6607	6418	2874	0
SSP5 - Conventional Dev.	7011	9771	10276	10614	10662	5048	0

Ageing indicators, Medium Scenario (SSP2)

	2010	2020	2030	2040	2050	2075	2095
Median Age	37.17	38.41	40.13	41.53	42.63	45.79	49.31
Prospective Median Age	37.17	36.88	36.99	36.70	35.79	33.68	32.88
Proportion age 65+	0.13	0.16	0.20	0.22	0.23	0.28	0.32
Proportion RLE < 15 years	0.09	0.09	0.11	0.12	0.12	0.12	0.12