

Africa

Detailed Human Capital projections to 2060

Demographic indicators, Medium Scenario (SSP2)						
	2010	2020	2030	2040	2050	2060
Population (in millions)	1022.2	1268.4	1527.0	1781.9	2018.2	2216.7
Proportion age 65+	0.04	0.04	0.05	0.05	0.07	0.09
Proportion below age 20	0.51	0.48	0.45	0.41	0.38	0.34
	2005-2010	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Total Fertility Rate	4.64	3.98	3.42	2.96	2.59	2.30
Life expectancy at birth (in years)						
Male	53.99	57.63	59.52	61.17	62.97	65.40
Female	56.33	60.39	62.86	65.08	67.24	69.83
Five-year immigration flow (in '000)	4030	3769	3910	3993	3989	3928
Five-year emigration flow (in '000)	7117	6321	7408	8355	9026	9470

Human Capital indicators, Medium Scenario (SSP2)						
	2010	2020	2030	2040	2050	2060
Population age 25+: highest educational attainment						
E1 - no education	0.40	0.30	0.24	0.18	0.13	0.10
E2 - incomplete primary	0.13	0.12	0.10	0.08	0.07	0.05
E3 - primary	0.15	0.17	0.18	0.19	0.19	0.19
E4 - lower secondary	0.11	0.14	0.15	0.15	0.15	0.14
E5 - upper secondary	0.14	0.19	0.23	0.27	0.31	0.35
E6 - post-secondary	0.06	0.08	0.10	0.12	0.15	0.17
Mean years of schooling (in years)	5.38	6.52	7.51	8.42	9.24	9.98
Gender gap (population age 25+): highest educational attainment (ratio male/female)						
E1 - no education	0.64	0.64	0.66	0.69	0.73	0.77
E2 - incomplete primary	1.11	1.04	1.03	1.02	1.01	0.99
E3 - primary	1.23	1.10	1.03	0.99	0.98	0.97
E4 - lower secondary	1.39	1.24	1.14	1.08	1.04	1.01
E5 - upper secondary	1.53	1.35	1.24	1.16	1.10	1.06
E6 - post-secondary	1.71	1.41	1.24	1.13	1.07	1.05
minus female)	1.88	1.52	1.17	0.82	0.55	0.36
Women age 20-39: highest educational attainment						
E1 - no education	0.33	0.23	0.16	0.11	0.07	0.05
E2 - incomplete primary	0.13	0.12	0.09	0.07	0.05	0.04
E3 - primary	0.17	0.19	0.20	0.20	0.19	0.18
E4 - lower secondary	0.14	0.16	0.17	0.17	0.17	0.16
E5 - upper secondary	0.17	0.22	0.27	0.32	0.36	0.40
E6 - post-secondary	0.06	0.08	0.10	0.13	0.15	0.18
Mean years of schooling (in years)	6.06	7.35	8.36	9.29	10.10	10.79

Education scenarios

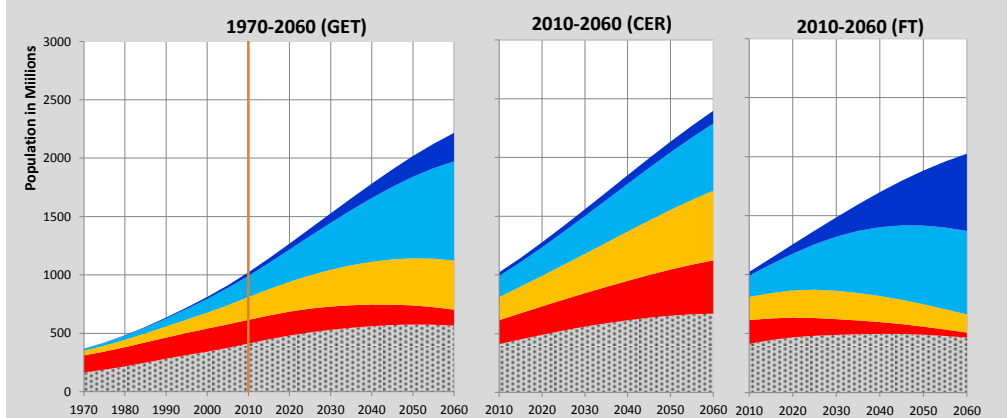
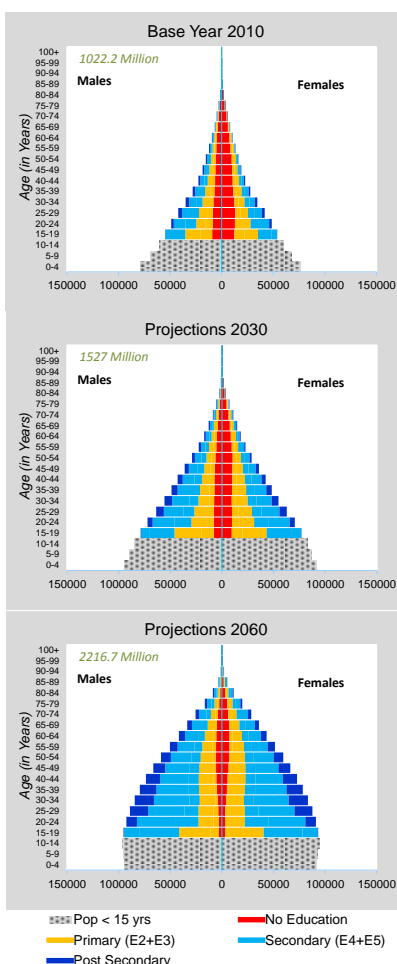
GET : Global Education Trend Scenario (Medium assumption also used for SSP2)

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

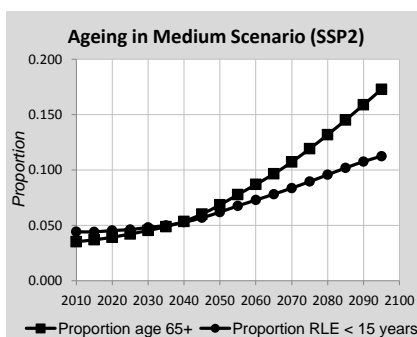
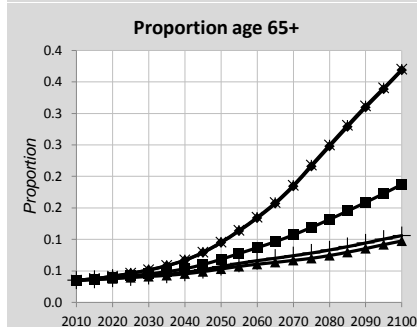
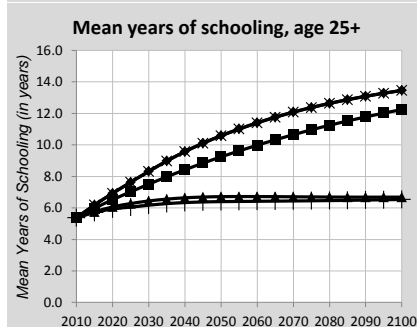
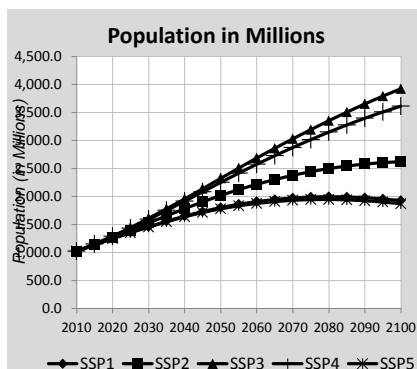
FT: Fast Track Scenario (assumption of education expansion according to fastest historical experience)

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

Pyramids by education, Medium Scenario



Africa (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	1022	1248	1459	1649	1801	1990	1925
SSP2 - Medium	1022	1268	1527	1782	2018	2443	2622
SSP3 - Stalled Development	1022	1293	1611	1958	2324	3193	3924
SSP4 - Inequality	1022	1287	1591	1916	2252	3015	3614
SSP5 - Conventional Dev.	1022	1247	1453	1636	1779	1944	1869
Proportion age 65+							
SSP1 - Rapid Development	0.04	0.04	0.05	0.07	0.09	0.22	0.37
SSP2 - Medium	0.04	0.04	0.05	0.05	0.07	0.12	0.19
SSP3 - Stalled Development	0.04	0.04	0.04	0.05	0.05	0.07	0.10
SSP4 - Inequality	0.04	0.04	0.04	0.05	0.06	0.08	0.11
SSP5 - Conventional Dev.	0.04	0.04	0.05	0.07	0.10	0.22	0.37
Proportion below age 20							
SSP1 - Rapid Development	0.51	0.47	0.41	0.35	0.30	0.20	0.13
SSP2 - Medium	0.51	0.48	0.45	0.41	0.38	0.29	0.23
SSP3 - Stalled Development	0.51	0.50	0.49	0.47	0.44	0.38	0.34
SSP4 - Inequality	0.51	0.49	0.48	0.46	0.43	0.37	0.33
SSP5 - Conventional Dev.	0.51	0.47	0.41	0.35	0.30	0.20	0.13
Proportion of Women age 20-39 with at least secondary education							
SSP1 - Rapid Development	0.37	0.54	0.66	0.75	0.82	0.90	0.95
SSP2 - Medium	0.37	0.47	0.54	0.61	0.68	0.82	0.91
SSP3 - Stalled Development	0.37	0.37	0.36	0.35	0.34	0.34	0.34
SSP4 - Inequality	0.37	0.35	0.33	0.31	0.30	0.29	0.28
SSP5 - Conventional Dev.	0.37	0.54	0.66	0.76	0.82	0.90	0.95
Mean years of schooling, age 25+							
SSP1 - Rapid Development	5.38	6.93	8.32	9.58	10.59	12.38	13.46
SSP2 - Medium	5.38	6.52	7.51	8.42	9.24	10.96	12.25
SSP3 - Stalled Development	5.38	6.07	6.44	6.64	6.72	6.70	6.69
SSP4 - Inequality	5.38	5.94	6.18	6.34	6.40	6.45	6.54
SSP5 - Conventional Dev.	5.38	6.93	8.32	9.57	10.58	12.37	13.46

Demographic assumptions underlying SSPs

	2010-2015	2020-2025	2030-2035	2040-2045	2050-2055	2075-2080	2095-2100
Total fertility rate							
SSP1 - Rapid Development	4.02	3.00	2.35	1.98	1.72	1.39	1.28
SSP2 - Medium	4.28	3.69	3.18	2.77	2.44	1.93	1.75
SSP3 - Stalled Development	4.57	4.50	4.24	3.85	3.46	2.76	2.54
SSP4 - Inequality	4.51	4.39	4.11	3.74	3.38	2.70	2.49
SSP5 - Conventional Dev.	4.02	3.00	2.35	1.98	1.72	1.39	1.28
Life expectancy at birth for females (in years)							
SSP1 - Rapid Development	60.1	66.6	70.9	75.1	79.1	88.1	95.1
SSP2 - Medium	58.5	61.6	64.0	66.1	68.5	74.9	79.9
SSP3 - Stalled Development	57.8	56.6	57.5	58.0	58.7	61.6	64.3
SSP4 - Inequality	57.9	56.8	57.6	58.2	59.0	61.9	64.4
SSP5 - Conventional Dev.	60.1	66.6	70.9	75.1	79.1	88.1	95.1
Migration – net flow over five years (in thousands)							
SSP1 - Rapid Development	-2611	-2994	-3893	-4509	-4874	-2151	0
SSP2 - Medium	-2640	-3015	-3953	-4721	-5314	-2597	0
SSP3 - Stalled Development	-2170	-1468	-1883	-2224	-2506	-1247	0
SSP4 - Inequality	-2600	-2958	-3890	-4732	-5468	-2827	0
SSP5 - Conventional Dev.	-3048	-4556	-6097	-7352	-8291	-4132	0

Ageing indicators, Medium Scenario (SSP2)

	2010	2020	2030	2040	2050	2075	2095
Median Age	19.58	20.84	22.67	24.86	27.25	33.85	39.21
Prospective Median Age	19.58	19.11	19.61	20.60	21.64	24.22	26.12
Proportion age 65+	0.04	0.04	0.05	0.05	0.07	0.12	0.17
Proportion RLE < 15 years	0.04	0.05	0.05	0.05	0.06	0.09	0.11