Asia

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)	4164.3	4554.5	4850.1	5041.5	5126.0	5100.4
Proportion age 65+	0.07	0.09	0.12	0.16	0.19	0.23
Proportion below age 20	0.35	0.31	0.27	0.25	0.22	0.21
	2005-2010	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Total Fertility Rate	2.28	2.07	1.95	1.85	1.77	1.72
Life expectancy at birth (in years)						
Male	67.22	69.79	72.18	74.52	76.83	78.65
Female	70.89	73.89	76.50	78.91	81.19	82.95
Five-year immigration flow (in '000)	12645	9104	9454	9665	9667	9529
Five-year emigration flow (in '000)	20530	16654	17034	17124	16775	16162

Human Capital indicators, Medium Scenario (SSP2)

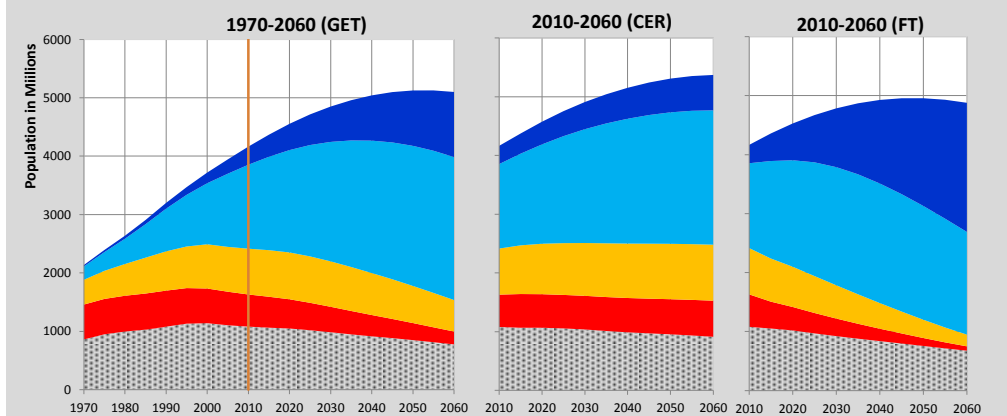|	2010	2020	2030	2040	2050	2060
Population age 25+: highest educational attainment						
E1 - no education	0.21	0.16	0.13	0.10	0.08	0.06
E2 - incomplete primary	0.06	0.05	0.04	0.03	0.02	0.02
E3 - primary	0.22	0.20	0.18	0.15	0.13	0.12
E4 - lower secondary	0.23	0.25	0.25	0.23	0.21	0.19
E5 - upper secondary	0.18	0.21	0.25	0.29	0.32	0.35
E6 - post-secondary	0.11	0.14	0.17	0.20	0.23	0.27
Mean years of schooling (in years)	7.06	7.90	8.62	9.32	9.98	10.62
Gender gap (population age 25+): highest educational attainment (ratio male/female)						
E1 - no education	0.52	0.53	0.56	0.58	0.61	0.65
E2 - incomplete primary	0.97	0.97	0.96	0.95	0.94	0.93
E3 - primary	0.95	0.90	0.87	0.87	0.88	0.90
E4 - lower secondary	1.29	1.21	1.16	1.12	1.08	1.04
E5 - upper secondary	1.34	1.24	1.17	1.12	1.09	1.06
E6 - post-secondary	1.37	1.22	1.14	1.09	1.05	1.04
minus female)	1.48	1.19	0.93	0.71	0.52	0.38
Women age 20-39: highest educational attainment						
E1 - no education	0.16	0.11	0.08	0.05	0.03	0.02
E2 - incomplete primary	0.04	0.03	0.02	0.01	0.01	0.01
E3 - primary	0.17	0.15	0.14	0.12	0.09	0.07
E4 - lower secondary	0.27	0.24	0.20	0.16	0.12	0.10
E5 - upper secondary	0.22	0.28	0.34	0.40	0.43	0.46
E6 - post-secondary	0.14	0.18	0.22	0.27	0.31	0.35
Mean years of schooling (in years)	8.07	9.07	9.95	10.78	11.49	12.08

Education scenarios

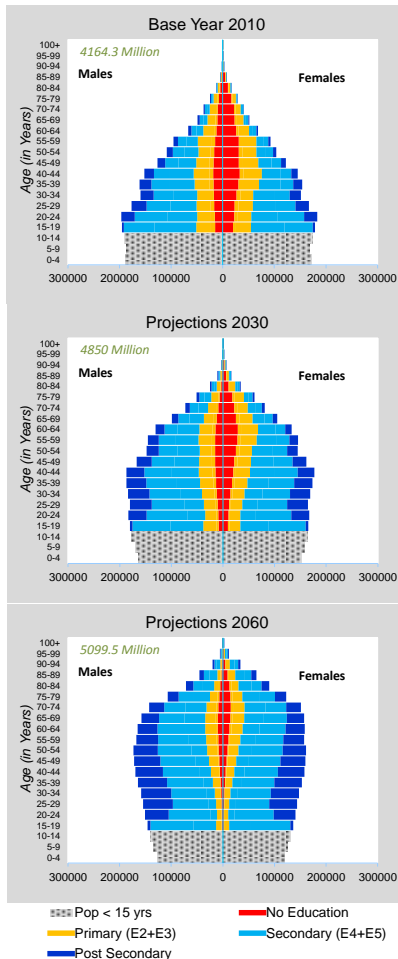*GET : Global Education Trend Scenario (Medium assumption also used for SSP2)*

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 — 4164.3 Million (Males / Females)

Projections 2030 — 4850 Million (Males / Females)

Projections 2060 — 5099.5 Million (Males / Females)

Legend: Pop < 15 yrs | No Education | Primary (E2+E3) | Secondary (E4+E5) | Post Secondary
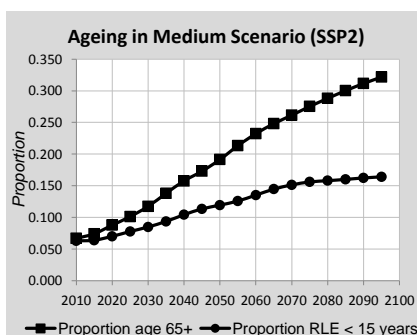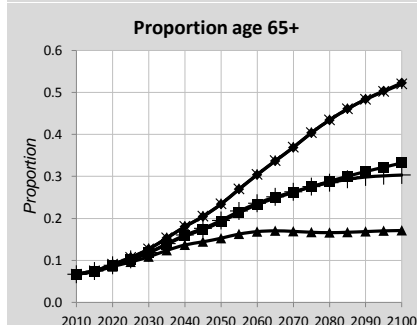
Population size by educational attainment according to three education scenarios: GET, CER, and FT

1970-2060 (GET) | 2010-2060 (CER) | 2010-2060 (FT)

Asia (Continued)

Population in Millions

Mean years of schooling, age 25+

Proportion age 65+

Ageing in Medium Scenario (SSP2)
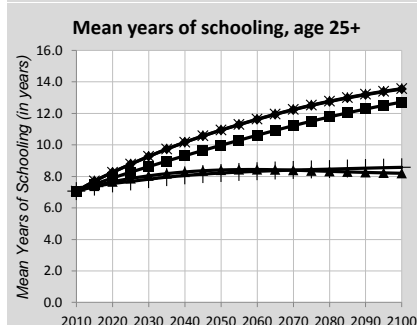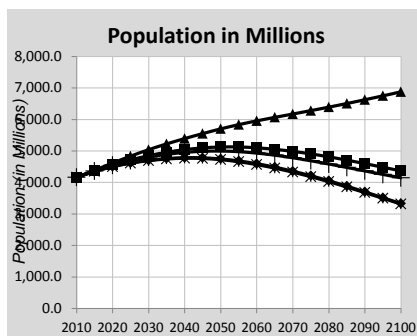
Alternative scenarios to 2100

Projection results by scenario (SSP 1-5)

	2010	2020	2030	2040	2050	2075	2100
Population (in millions)							
SSP1 - Rapid Development	4164	4503	4702	4785	4746	4214	3330
SSP2 - Medium	4164	4554	4850	5042	5126	4907	4368
SSP3 - Stalled Development	4164	4617	5041	5393	5702	6282	6877
SSP4 - Inequality	4164	4542	4805	4954	4997	4689	4148
SSP5 - Conventional Dev.	4164	4500	4692	4768	4723	4182	3316
Proportion age 65+							
SSP1 - Rapid Development	0.07	0.09	0.13	0.18	0.23	0.40	0.52
SSP2 - Medium	0.07	0.09	0.12	0.16	0.19	0.28	0.33
SSP3 - Stalled Development	0.07	0.09	0.11	0.14	0.15	0.17	0.17
SSP4 - Inequality	0.07	0.09	0.12	0.16	0.20	0.28	0.30
SSP5 - Conventional Dev.	0.07	0.09	0.13	0.18	0.23	0.40	0.52
Proportion below age 20							
SSP1 - Rapid Development	0.35	0.30	0.24	0.20	0.17	0.12	0.09
SSP2 - Medium	0.35	0.31	0.27	0.25	0.22	0.19	0.17
SSP3 - Stalled Development	0.35	0.32	0.31	0.30	0.29	0.28	0.28
SSP4 - Inequality	0.35	0.30	0.27	0.24	0.22	0.19	0.19
SSP5 - Conventional Dev.	0.35	0.30	0.24	0.20	0.17	0.12	0.09
Proportion of Women age 20-39 with at least secondary education							
SSP1 - Rapid Development	0.63	0.78	0.85	0.90	0.93	0.97	0.99
SSP2 - Medium	0.63	0.70	0.76	0.82	0.86	0.95	0.98
SSP3 - Stalled Development	0.63	0.63	0.61	0.59	0.58	0.55	0.54
SSP4 - Inequality	0.63	0.59	0.55	0.54	0.52	0.49	0.46
SSP5 - Conventional Dev.	0.63	0.78	0.85	0.90	0.93	0.97	0.99
Mean years of schooling, age 25+							
SSP1 - Rapid Development	7.06	8.26	9.27	10.17	10.93	12.50	13.54
SSP2 - Medium	7.06	7.90	8.62	9.32	9.98	11.51	12.72
SSP3 - Stalled Development	7.06	7.66	8.04	8.28	8.41	8.36	8.20
SSP4 - Inequality	7.06	7.55	7.83	8.06	8.22	8.43	8.58
SSP5 - Conventional Dev.	7.06	8.26	9.27	10.17	10.95	12.53	13.58

Demographic assumptions underlying SSPs

	2010-2015	2020-2025	2030-2035	2040-2045	2050-2055	2075-2080	2095-2100
Total fertility rate							
SSP1 - Rapid Development	2.00	1.65	1.44	1.33	1.27	1.22	1.20
SSP2 - Medium	2.14	2.00	1.90	1.81	1.74	1.65	1.60
SSP3 - Stalled Development	2.29	2.43	2.47	2.46	2.43	2.39	2.36
SSP4 - Inequality	2.11	1.94	1.81	1.77	1.77	1.84	1.89
SSP5 - Conventional Dev.	2.01	1.65	1.45	1.34	1.28	1.25	1.25
Life expectancy at birth for females (in years)							
SSP1 - Rapid Development	73.1	76.7	80.3	83.8	86.9	93.8	99.1
SSP2 - Medium	72.5	75.2	77.7	80.1	82.1	86.2	89.5
SSP3 - Stalled Development	72.1	72.9	74.1	75.2	76.0	76.9	77.7
SSP4 - Inequality	72.4	74.5	76.4	78.2	79.5	81.7	83.2
SSP5 - Conventional Dev.	73.1	76.7	80.3	83.8	87.0	93.8	99.1
Migration – net flow over five years (in thousands)							
SSP1 - Rapid Development	-7423	-7532	-7396	-6999	-6387	-2488	0
SSP2 - Medium	-7484	-7599	-7536	-7313	-6873	-2987	0
SSP3 - Stalled Development	-6181	-3781	-3738	-3569	-3266	-1380	0
SSP4 - Inequality	-7425	-7522	-7345	-6893	-6218	-2532	0
SSP5 - Conventional Dev.	-8662	#####	#####	#####	#####	-4845	0

Ageing indicators, Medium Scenario (SSP2)

	2010	2020	2030	2040	2050	2075	2095
Median Age	28.50	31.98	35.61	38.78	41.62	47.43	50.73
Propspective Median Age	28.50	30.16	32.13	33.61	34.90	37.42	37.88
Proportion age 65+	0.07	0.09	0.12	0.16	0.19	0.28	0.32
Proportion RLE < 15 years	0.06	0.07	0.08	0.10	0.12	0.16	0.16