Syrian Arab Republic

Detailed Human Capital projections to 2060

Pyramids by education, CEPAM Medium Scenario

Demographic indicators, CEPAM Medium Scenario (SSP2)

	2015	2020	2030	2040	2050	2060
Population (in millions)	18.74	19.77	21.88	23.70	24.68	25.06
Proportion age 65+	4.0%	4.8%	6.7%	8.7%	11.8%	14.7%
Proportion below age 20	49.6%	45.4%	36.7%	33.0%	29.0%	24.4%
	2015-2020	**2020-2025**	**2030-2035**	**2040-2045**	**2050-2055**	**2055-2060**
Total Fertility Rate	2.78	2.51	2.13	1.91	1.80	1.74
Life expectancy at birth (in years)						
Male	65.9	67.5	70.8	74.1	77.3	79.0
Female	77.7	78.8	81.0	83.3	85.6	87.8
Five-year net-migration flow (in thousands)	-424.3	-447.7	-496.2	-538.0	-556.7	-560.0

Human Capital indicators, CEPAM Medium Scenario (SSP2)

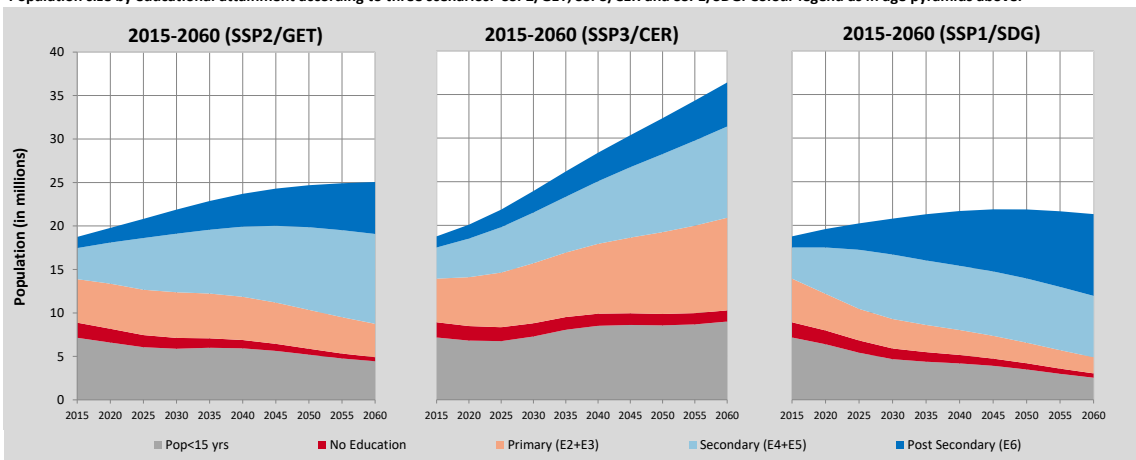|	2015	2020	2030	2040	2050	2060
Population age 25+: highest educational attainment (columns sum to 100%)						
E1 - no education	19.9%	16.7%	10.4%	6.7%	4.4%	2.7%
E2 - incomplete primary	29.1%	27.1%	22.0%	17.5%	13.9%	10.5%
E3 - primary	15.4%	15.7%	15.7%	14.5%	13.1%	11.1%
E4 - lower secondary	12.0%	13.4%	16.4%	18.1%	18.8%	18.7%
E5 - upper secondary	10.1%	11.8%	15.8%	19.5%	22.6%	25.6%
E6 - post-secondary	13.5%	15.3%	19.7%	23.7%	27.3%	31.4%
Mean years of schooling (in years)	6.7	7.2	8.1	9.0	9.7	10.3
Gender gap (population age 25+): highest educational attainment (proportion males - proportion females)						
E1 - no education	-16.0	-14.0	-9.0	-6.0	-4.0	-2.0
E2 - incomplete primary	3.0	3.0	1.0	0.0	0.0	0.0
E3 - primary	4.0	4.0	3.0	2.0	2.0	1.0
E4 - lower secondary	3.0	3.0	2.0	3.0	3.0	4.0
E5 - upper secondary	3.0	3.0	3.0	3.0	4.0	5.0
E6 - post-secondary	3.0	2.0	0.0	-3.0	-5.0	-7.0
Mean years of schooling (male minus female)	1.5	1.3	0.7	0.3	0.0	-0.2
Women age 20-39: highest educational attainment (columns sum to 100%)						
E1 - no education	11.2%	7.8%	2.6%	1.2%	0.4%	0.2%
E2 - incomplete primary	25.2%	20.1%	12.5%	8.0%	3.9%	1.6%
E3 - primary	17.3%	16.3%	13.8%	10.5%	6.7%	3.9%
E4 - lower secondary	15.1%	17.1%	19.7%	19.0%	16.1%	12.5%
E5 - upper secondary	15.3%	19.2%	24.7%	28.0%	32.7%	34.4%
E6 - post-secondary	16.0%	19.5%	26.7%	33.4%	40.2%	47.5%
Mean years of schooling (in years)	7.9	8.5	9.8	10.7	11.7	12.4

Education scenarios
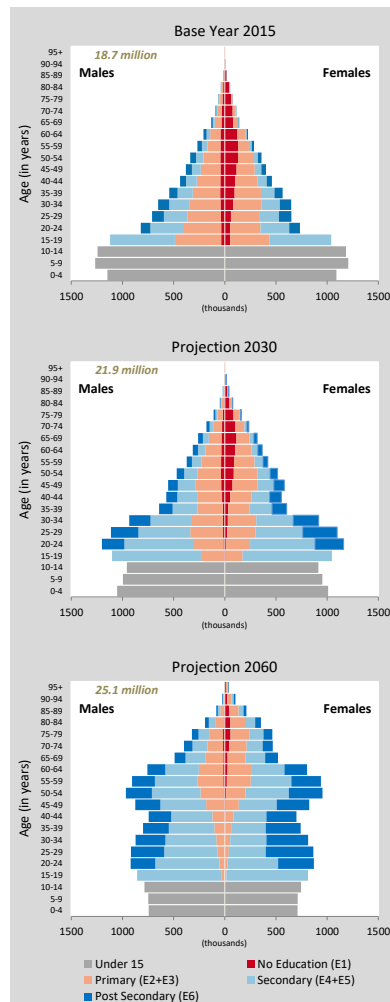*SSP2/GET: Global Education Trend Scenario (Medium assumption)*
SSP3/CER: Constant Enrollment Rates Scenario (assumption of no future improvements)
SSP1/SDG: Sustainable Development Goal Scenario (universal primary and secondary education by 2030)

Base Year 2015

Projection 2030

Projection 2060

Legend: Under 15 · No Education (E1) · Primary (E2+E3) · Secondary (E4+E5) · Post Secondary (E6)

Population size by educational attainment according to three scenarios: SSP2/GET, SSP3/CER and SSP1/SDG. Colour legend as in age pyramids above.
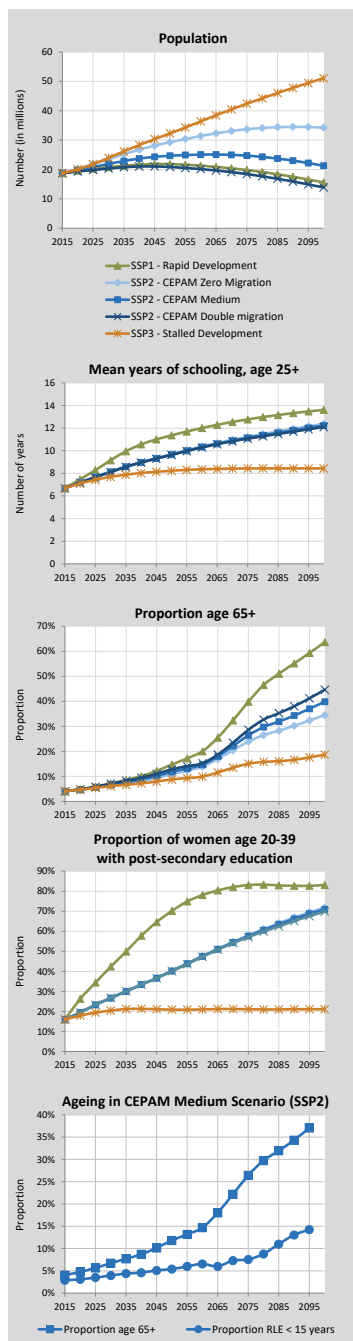

2015-2060 (SSP2/GET) · 2015-2060 (SSP3/CER) · 2015-2060 (SSP1/SDG)

Legend: Pop<15 yrs · No Education · Primary (E2+E3) · Secondary (E4+E5) · Post Secondary (E6)

Syrian Arab Republic (Continued)

Alternative Scenarios to 2100

Population

Mean years of schooling, age 25+

Proportion age 65+

Proportion of women age 20-39 with post-secondary education

Ageing in CEPAM Medium Scenario (SSP2)

Projection Results by Scenario (SSP1-3)

	2015	2020	2030	2050	2060	2075	2100
Population (in millions)							
SSP1 - Rapid Development	18.74	19.57	20.77	21.81	21.29	19.82	15.59
SSP2 - CEPAM Zero Migration	18.74	20.24	23.53	29.30	31.40	33.70	34.25
SSP2 - CEPAM Medium	18.74	19.77	21.88	24.68	25.06	24.71	21.27
SSP2 - CEPAM Double Migration	18.74	19.30	20.32	20.84	20.13	18.44	13.88
SSP3 - Stalled Development	18.74	20.08	23.94	32.29	36.38	42.39	51.09
Proportion age 65+							
SSP1 - Rapid Development	4.0%	4.8%	7.2%	14.8%	20.1%	39.9%	63.7%
SSP2 - CEPAM Zero Migration	4.0%	4.7%	6.4%	10.9%	13.9%	23.9%	34.5%
SSP2 - CEPAM Medium	4.0%	4.8%	6.7%	11.8%	14.7%	26.4%	39.9%
SSP2 - CEPAM Double Migration	4.0%	4.9%	7.1%	12.8%	15.2%	28.6%	44.6%
SSP3 - Stalled Development	4.0%	4.7%	6.1%	8.8%	9.9%	15.1%	18.7%
Proportion below age 20							
SSP1 - Rapid Development	49.6%	44.8%	32.7%	22.1%	17.1%	12.4%	6.7%
SSP2 - CEPAM Zero Migration	49.6%	45.0%	36.3%	28.6%	24.5%	21.2%	16.9%
SSP2 - CEPAM Medium	49.6%	45.4%	36.7%	29.0%	24.4%	20.7%	15.4%
SSP2 - CEPAM Double Migration	49.6%	45.9%	37.1%	29.4%	24.4%	20.3%	14.1%
SSP3 - Stalled Development	49.6%	45.8%	39.4%	35.3%	32.3%	30.5%	27.9%
Proportion of women age 20-39 with post-secondary education							
SSP1 - Rapid Development	16.0%	26.3%	42.4%	70.2%	78.1%	83.1%	83.1%
SSP2 - CEPAM Zero Migration	16.0%	19.4%	26.6%	40.3%	47.7%	58.0%	71.8%
SSP2 - CEPAM Medium	16.0%	19.5%	26.7%	40.2%	47.5%	57.6%	71.0%
SSP2 - CEPAM Double Migration	16.0%	19.5%	26.8%	40.1%	47.3%	57.1%	69.8%
SSP3 - Stalled Development	16.0%	17.9%	20.4%	20.9%	21.0%	21.1%	21.1%
Mean years of schooling, age 25+							
SSP1 - Rapid Development	6.7	7.5	9.2	11.4	12.0	12.8	13.6
SSP2 - CEPAM Zero Migration	6.7	7.2	8.2	9.7	10.4	11.2	12.4
SSP2 - CEPAM Medium	6.7	7.2	8.1	9.7	10.3	11.1	12.2
SSP2 - CEPAM Double Migration	6.7	7.2	8.1	9.6	10.3	11.1	12.1
SSP3 - Stalled Development	6.7	7.1	7.7	8.2	8.4	8.4	8.4

Demographic assumptions underlying SSPs

	2015-2020	2020-2025	2030-2035	2050-2055	2060-2065	2075-2080	2095-2100
Total fertility rate							
SSP1 - Rapid Development	2.48	1.99	1.51	1.29	1.26	1.25	1.19
SSP2 - CEPAM Zero Migration	2.78	2.51	2.13	1.80	1.74	1.69	1.59
SSP2 - CEPAM Medium	2.78	2.51	2.13	1.80	1.74	1.69	1.59
SSP2 - CEPAM Double Migration	2.78	2.51	2.13	1.80	1.74	1.69	1.59
SSP3 - Stalled Development	3.01	2.95	2.78	2.47	2.41	2.37	2.28
Life expectancy at birth for females (in years)							
SSP1 - Rapid Development	78.2	79.9	83.2	89.7	92.9	97.9	104.8
SSP2 - CEPAM Zero Migration	77.7	78.8	81.0	85.5	87.8	91.2	95.7
SSP2 - CEPAM Medium	77.7	78.8	81.0	85.6	87.8	91.2	95.7
SSP2 - CEPAM Double Migration	77.7	78.8	81.0	85.6	87.8	91.2	95.7
SSP3 - Stalled Development	77.2	77.7	78.9	81.2	82.3	83.9	86.0
Migration – net flow over five years (in thousands)							
SSP1 - Rapid Development	-424.7	-443.5	-470.2	-490.1	-473.3	-432.4	-345.1
SSP2 - CEPAM Zero Migration	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSP2 - CEPAM Medium	-424.3	-447.7	-496.2	-556.7	-560.0	-542.0	-462.5
SSP2 - CEPAM Double Migration	-848.7	-869.0	-904.2	-895.3	-840.8	-731.0	-517.6
SSP3 - Stalled Development	-282.8	-152.0	-0.5	-0.7	-0.8	-1.0	-1.2

Ageing indicators, CEPAM Medium Scenario (SSP2)

	2015	2020	2030	2050	2060	2075	2095
Median age	20.2	22.2	26.3	35.0	38.8	45.4	54.9
Proportion age 65+	4.0%	4.8%	6.7%	11.8%	14.7%	26.4%	37.0%
Proportion RLE < 15 years	2.9%	3.1%	3.9%	5.4%	6.6%	7.5%	14.2%