Lebanon

Detailed Human Capital projections to 2060

	2015	2020	2030	2040	2050	2060
Population (in millions)	5.85	6.29	7.17	7.88	8.45	8.91
Proportion age 65+	8.1%	8.9%	11.4%	13.9%	17.7%	23.6%
Proportion below age 20	33.5%	30.0%	27.3%	24.3%	21.0%	19.5%
	2015-2020	2020-2025	2030-2035	2040-2045	2050-2055	2055-2060
Total Fertility Rate	1.71	1.69	1.63	1.60	1.59	1.58
Life expectancy at birth (in years)						
Male	78.2	78.9	80.2	81.4	82.7	83.3
Female	81.7	82.3	83.7	85.1	86.5	87.9
Five-year net-migration flow (in thousands)	111.7	116.6	123.7	130.6	136.5	138.3

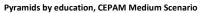
Human Capital indicators, CEPAM Me	dium Scenario ((SSP2)				
	2015	2020	2030	2040	2050	2060
Population age 25+: highest education	nal attainment	(columns su	ım to 100%)		
E1 - no education	7.3%	5.9%	3.8%	2.7%	2.1%	1.6%
E2 - incomplete primary	3.6%	2.9%	1.9%	1.4%	1.1%	0.9%
E3 - primary	19.9%	17.7%	13.9%	10.9%	8.2%	6.0%
E4 - lower secondary	29.5%	29.1%	28.0%	26.0%	23.3%	20.2%
E5 - upper secondary	18.8%	21.0%	24.5%	27.2%	29.5%	31.5%
E6 - post-secondary	20.8%	23.3%	27.9%	31.8%	35.9%	39.8%
Mean years of schooling (in years)	9.5	10.0	10.8	11.4	11.9	12.4
Gender gap (population age 25+): high	nest education	ıl attainme	nt (ratio m	ale/female)		
E1 - no education	0.54	0.58	0.67	0.76	0.80	0.80
E2 - incomplete primary	1.14	1.09	1.04	1.05	1.07	1.06
E3 - primary	1.29	1.29	1.30	1.29	1.26	1.23
E4 - lower secondary	0.97	0.99	1.03	1.08	1.13	1.18
E5 - upper secondary	0.99	0.99	1.01	1.05	1.09	1.14
E6 - post-secondary	1.00	0.94	0.89	0.85	0.82	0.81
Mean years of schooling	0.1	0.0	-0.1	-0.2	-0.2	-0.2
(male minus female)						
Women age 20-39: highest educations	al attainment (d	columns sui	n to 100%)			
E1 - no education	1.3%	1.4%	0.9%	0.7%	0.5%	0.4%
E2 - incomplete primary	0.6%	0.7%	0.5%	0.4%	0.3%	0.2%
E3 - primary	13.5%	10.4%	5.8%	3.3%	1.9%	1.2%
E4 - lower secondary	30.0%	27.6%	24.2%	19.3%	14.7%	10.8%
E5 - upper secondary	27.4%	29.9%	33.4%	36.6%	38.4%	38.8%
E6 - post-secondary	27.2%	29.9%	35.2%	39.6%	44.2%	48.6%
Mean years of schooling (in years)	11.4	11.8	12.5	13.1	13.5	13.9

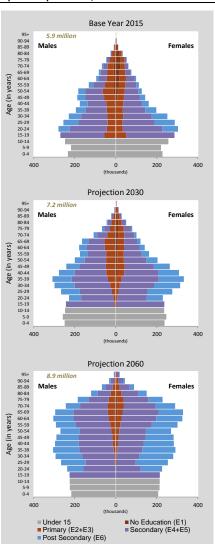
Education scenarios

SSP2/GET: Global Education Trend Scenario (Medium assumption)

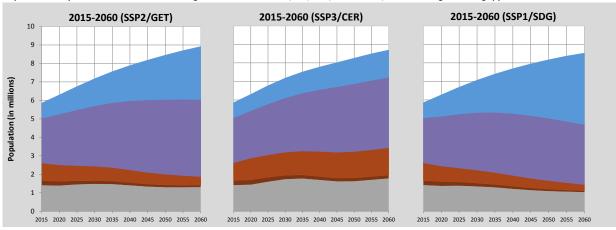
SSP3/CER: Constant Enrollment Rates Scenario (assumption of no future improvements)

SSP1/SDG: Sustainable Development Goal Scenario (universal primary and secondary education by 2030)

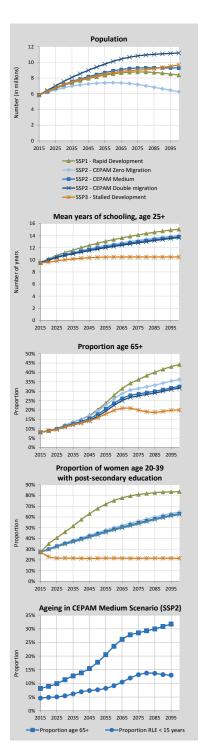




Population size by educational attainment according to three scenarios: SSP2/GET, SSP3/CER and SSP1/SDG. Colour legend as in age pyramids above.



Lebanon (Continued)



Alternative Scenarios to 2100

Projection Results by Scenar							
Population (in millions)	2015	2020	2030	2050	2060	2075	210
SSP1 - Rapid Development	5.85	6.27	7.06	8.17	8.53	8.77	8.3
SSP2 - CEPAM Zero Migration	5.85	6.17	6.76	7.33	7.41	7.17	
SSP2 - CEPAM Medium	5.85	6.29	7.17	8.45	8.91	9.27	9.2
SSP2 - CEPAM Double Migration	5.85	6.41	7.57	9.39	10.12	10.82	
SSP3 - Stalled Development	5.85	6.30	7.18	8.25	8.69	9.01	9.6
Proportion age 65+	3.03	0.50	7.10	0.23	0.03	5.01	5.0
SSP1 - Rapid Development	8.1%	9.0%	11.9%	20.2%	27.8%	36.2%	44.29
SSP2 - CEPAM Zero Migration	8.1%	9.1%	11.9%	19.4%	25.9%	31.4%	36.3
SSP2 - CEPAM Medium	8.1%	8.9%	11.4%	17.7%	23.6%	28.5%	
SSP2 - CEPAM Double Migration	8.1%	8.8%	10.9%	16.7%	22.5%	27.5%	31.7
SSP3 - Stalled Development	8.1%	8.8%	11.0%	15.9%	19.8%	19.9%	20.0
Proportion below age 20	0.170	0.070	11.070	13.570	15.070	13.370	20.0
SSP1 - Rapid Development	33.5%	29.7%	25.7%	18.3%	16.4%	14.3%	12.8
SSP2 - CEPAM Zero Migration							
SSP2 - CEPAIN Zero Migration	33.5%	30.2%	27.2%	20.6%	19.0%	17.4%	16.5
	33.5%	30.0%	27.3%	21.0%	19.5%	18.1%	17.3
SSP2 - CEPAM Double Migration	33.5%	29.9%	27.3%	21.3%	19.8%	18.4%	17.5
SSP3 - Stalled Development	33.5%	30.7%	30.6%	26.3%	26.4%	26.2%	27.4
Proportion of women age 20	-39 WILII PUSI-: 27.2%	•		67.00/	75.4%	04.00/	- 02.6
SSP1 - Rapid Development SSP2 - CEPAM Zero Migration		35.0%	46.0%	67.9%		81.0%	83.6
•	27.2%	30.3%	36.0%	45.4%	50.1%	56.1%	
SSP2 - CEPAM Medium	27.2%	29.9%	35.2%	44.2%	48.6%	54.5%	63.0
SSP2 - CEPAM Double Migration	27.2%	29.5%	34.5%	43.3%	47.7%	53.6%	62.3
SSP3 - Stalled Development	27.2%	23.0%	21.7%	21.5%	21.6%	21.5%	21.5
Mean years of schooling, age							
SSP1 - Rapid Development	9.5	10.2	11.2	12.7	13.3	14.1	15
SSP2 - CEPAM Zero Migration	9.5	10.0	10.9	12.1	12.6	13.2	
SSP2 - CEPAM Medium	9.5	10.0	10.8	11.9	12.4	13.0	
SSP2 - CEPAM Double Migration	9.5	10.0	10.7	11.8	12.2	12.8	13
SSP3 - Stalled Development	9.5	9.6	10.0	10.4	10.5	10.5	10
Demographic assumptions u	nderlying SSP	;					
	2015-2020 2	.020-2025	2030-2035	2050-2055	2060-2065	2075-2080	2095-210
Total fertility rate							
SSP1 - Rapid Development	1.62	1.51	1.38	1.35	1.36	1.38	1.4
	1.62 1.71	1.51 1.68	1.38 1.62	1.35 1.58	1.36 1.58	1.38 1.59	
SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium							1.6
SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium	1.71	1.68	1.62	1.58	1.58	1.59	1.6 1.6
SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration	1.71 1.71	1.68 1.69	1.62 1.63	1.58 1.59	1.58 1.59	1.59 1.60	1.6 1.6 1.6
SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development	1.71 1.71 1.71 1.90	1.68 1.69 1.69 2.09	1.62 1.63 1.63	1.58 1.59 1.59	1.58 1.59 1.59	1.59 1.60 1.60	1.6 1.6 1.6
SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fe	1.71 1.71 1.71 1.90	1.68 1.69 1.69 2.09	1.62 1.63 1.63	1.58 1.59 1.59	1.58 1.59 1.59	1.59 1.60 1.60	1.6 1.6 1.6 2.3
SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fe SSP1 - Rapid Development	1.71 1.71 1.71 1.90 emales (in yea	1.68 1.69 1.69 2.09	1.62 1.63 1.63 2.18	1.58 1.59 1.59 2.19	1.58 1.59 1.59 2.21	1.59 1.60 1.60 2.27	1.6 1.6 1.6 2.5
SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fe SSP1 - Rapid Development SSP2 - CEPAM zero Migration	1.71 1.71 1.71 1.90 emales (in yea	1.68 1.69 1.69 2.09 rs)	1.62 1.63 1.63 2.18	1.58 1.59 1.59 2.19	1.58 1.59 1.59 2.21	1.59 1.60 1.60 2.27	1.6 1.6 1.6 2.3
SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fe SSP1 - Rapid Development SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium	1.71 1.71 1.71 1.90 emales (in yea. 82.2 81.7	1.68 1.69 1.69 2.09 rs) 83.4 82.4	1.62 1.63 1.63 2.18 85.8 83.8	1.58 1.59 1.59 2.19 90.6 86.6	1.58 1.59 1.59 2.21 93.0 88.0	1.59 1.60 1.60 2.27 96.6 90.1	1.6 1.6 1.6 2.3 101 92
SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fe SSP1 - Rapid Development SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration	1.71 1.71 1.71 1.90 emales (in yea 82.2 81.7 81.7	1.68 1.69 1.69 2.09 rs) 83.4 82.4 82.3	1.62 1.63 1.63 2.18 85.8 83.8 83.7	1.58 1.59 1.59 2.19 90.6 86.6 86.5	1.58 1.59 1.59 2.21 93.0 88.0 87.9	1.59 1.60 1.60 2.27 96.6 90.1 90.0	1.6 1.6 2.5 101 92 92
SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fe SSP1 - Rapid Development SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development	1.71 1.71 1.71 1.90 emales (in yea 82.2 81.7 81.7 81.7 81.1	1.68 1.69 1.69 2.09 rs) 83.4 82.4 82.3 82.3 81.2	1.62 1.63 1.63 2.18 85.8 83.8 83.7 83.7	1.58 1.59 1.59 2.19 90.6 86.6 86.5 86.5	1.58 1.59 1.59 2.21 93.0 88.0 87.9 87.8	1.59 1.60 1.60 2.27 96.6 90.1 90.0 89.9	1.6 1.6 2.5 101 92 92
SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fe SSP1 - Rapid Development SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Migration — net flow over fix	1.71 1.71 1.71 1.90 emales (in yea 82.2 81.7 81.7 81.7 81.1	1.68 1.69 1.69 2.09 rs) 83.4 82.4 82.3 82.3 81.2	1.62 1.63 1.63 2.18 85.8 83.8 83.7 83.7	1.58 1.59 1.59 2.19 90.6 86.6 86.5 86.5	1.58 1.59 1.59 2.21 93.0 88.0 87.9 87.8	1.59 1.60 1.60 2.27 96.6 90.1 90.0 89.9	1.6 1.6 1.6 2.3 101 92 92 92
SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fe SSP1 - Rapid Development SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Migration — net flow over fix Migration — net flow over fix SSP1 - Rapid Development	1.71 1.71 1.71 1.90 82.2 81.7 81.7 81.7 81.1	1.68 1.69 1.69 2.09 rs) 83.4 82.4 82.3 82.3 81.2	1.62 1.63 1.63 2.18 85.8 83.8 83.7 83.7 81.5	1.58 1.59 1.59 2.19 90.6 86.6 86.5 86.5 82.1	1.58 1.59 1.59 2.21 93.0 88.0 87.9 87.8 82.3	1.59 1.60 1.60 2.27 96.6 90.1 90.0 89.9 82.7	1.6 1.6 2.3 101 92 92 92 83
SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fe SSP1 - Rapid Development SSP1 - Rapid Development SSP2 - CEPAM Medium SSP2 - CEPAM Medium SSP3 - Stalled Development Migration — net flow over fix SSP1 - Rapid Development SSP1 - Rapid Development SSP1 - Rapid Development SSP2 - CEPAM zero Migration	1.71 1.71 1.71 1.90 emales (in yea 82.2 81.7 81.7 81.7 81.1 ye years (in the	1.68 1.69 2.09 2.09 83.4 82.4 82.3 82.3 81.2 0usands) 115.9 0.0	1.62 1.63 1.63 2.18 85.8 83.8 83.7 83.7 81.5	1.58 1.59 1.59 2.19 90.6 86.6 86.5 86.5 82.1	1.58 1.59 1.59 2.21 93.0 88.0 87.9 87.8 82.3	1.59 1.60 1.60 2.27 96.6 90.1 90.0 89.9 82.7	1.6 1.6 2.3 101 92 92 92 83
SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fe SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Migration — net flow over fix SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Zero Migration SSP3 - Stalled Development Migration — net flow over fix SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Zero Migration	1.71 1.71 1.71 1.90 82.2 81.7 81.7 81.7 81.1 12 years (in the	1.68 1.69 1.69 2.09 rs) 83.4 82.4 82.3 82.3 81.2 Dusands)	1.62 1.63 1.63 2.18 85.8 83.7 83.7 81.5	1.58 1.59 1.59 2.19 90.6 86.6 86.5 86.5 82.1	1.58 1.59 1.59 2.21 93.0 88.0 87.9 87.8 82.3	1.59 1.60 1.60 2.27 96.6 90.1 90.0 89.9 82.7	1.6 1.6 1.6 2.3 101 92 92 92 83
SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fe SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Migration - net flow over fix SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Zero Migration SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Medium	1.71 1.71 1.90 emales (in yea 82.2 81.7 81.7 81.1 111.8 0.0 111.7	1.68 1.69 2.09 2.09 83.4 82.4 82.3 82.3 81.2 pusandsj 115.9 0.0 116.6	1.62 1.63 1.63 2.18 85.8 83.8 83.7 83.7 81.5	1.58 1.59 1.59 2.19 90.6 86.6 86.5 86.5 82.1 119.8 0.0	1.58 1.59 1.59 2.21 93.0 88.0 87.9 87.8 82.3 115.6 0.0	1.59 1.60 1.60 2.27 96.6 90.1 90.0 89.9 82.7 107.1 0.0 142.0	1.6 1.6 1.6 2.3 101. 92. 92. 83. 92. 0. 138.
SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fe SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Migration — net flow over fix SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Zero Migration SSP2 - CEPAM Zero Migration SSP2 - CEPAM Double Migration SSP2 - CEPAM Double Migration SSP2 - CEPAM Double Migration SSP3 - Stalled Development	1.71 1.71 1.90 2males (in yea 82.2 81.7 81.7 81.7 81.1 10 ye years (in the 111.8 0.0 111.7 223.4 74.4	1.68 1.69 2.09 2.09 83.4 82.3 82.3 82.3 81.2 pusands) 115.9 0.0 116.6 227.2 39.5	1.62 1.63 1.63 2.18 85.8 83.7 81.5 118.5 0.0 123.7 227.7	1.58 1.59 1.59 2.19 90.6 86.6 86.5 86.5 82.1 119.8 0.0 136.5 226.4	1.58 1.59 1.59 2.21 93.0 88.0 87.9 87.8 82.3 115.6 0.0 139.3 219.6	1.59 1.60 1.60 2.27 96.6 90.1 90.0 89.9 82.7 107.1 0.0 142.0 210.3	1.6 1.6 1.6 2.3 101 92 92 92 83 92 0 138
SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fe SSP1 - Rapid Development SSP2 - CEPAM Medium SSP2 - CEPAM Medium SSP2 - CEPAM Medium SSP3 - Stalled Development Migration — net flow over fix SSP1 - Rapid Development Migration — net flow over fix SSP1 - Rapid Development SSP2 - CEPAM Medium SSP2 - CEPAM Medium SSP3 - Stalled Development SSP3 - Stalled Development SSP4 - CEPAM Medium SSP5 - CEPAM Medium SSP5 - CEPAM Double Migration SSP6 - Stalled Development Ageing indicators, CEPAM M	1.71 1.71 1.90 2males (in yea 82.2 81.7 81.7 81.7 81.1 10 ye years (in the 111.8 0.0 111.7 223.4 74.4	1.68 1.69 2.09 2.09 83.4 82.3 82.3 82.3 81.2 pusands) 115.9 0.0 116.6 227.2 39.5	1.62 1.63 1.63 2.18 85.8 83.7 81.5 118.5 0.0 123.7 227.7	1.58 1.59 1.59 2.19 90.6 86.6 86.5 86.5 82.1 119.8 0.0 136.5 226.4	1.58 1.59 1.59 2.21 93.0 88.0 87.9 87.8 82.3 115.6 0.0 139.3 219.6	1.59 1.60 1.60 2.27 96.6 90.1 90.0 89.9 82.7 107.1 0.0 142.0 210.3	1.6. 2.3 101. 92. 92. 92. 83. 92. 0.

8.1%

8.9%

11.4%

17.7%

6.7%

23.6%

28.5%

31.8%