

# Guatemala

## Detailed Human Capital projections to 2060

Demographic indicators, CEPAM Medium Scenario (SSP2)						
	2015	2020	2030	2040	2050	2060
Population (in millions)	16.25	17.77	20.68	23.18	25.18	26.59
Proportion age 65+	4.5%	5.0%	6.1%	7.9%	11.0%	14.9%
Proportion below age 20	47.5%	44.5%	39.4%	35.1%	30.7%	27.3%
	2015-2020	2020-2025	2030-2035	2040-2045	2050-2055	2055-2060
Total Fertility Rate	2.93	2.72	2.38	2.13	1.96	1.84
Life expectancy at birth (in years)						
Male	70.5	71.5	73.3	75.2	77.1	78.1
Female	76.9	77.8	79.7	81.5	83.3	85.1
Five-year net-migration flow (in thousands)	-200.4	-219.2	-255.2	-285.8	-309.4	-325.2

Human Capital indicators, CEPAM Medium Scenario (SSP2)						
	2015	2020	2030	2040	2050	2060
<b>Population age 25+: highest educational attainment (columns sum to 100%)</b>						
E1 - no education	23.3%	20.0%	14.3%	10.3%	7.3%	5.1%
E2 - incomplete primary	26.7%	25.6%	22.6%	19.5%	16.2%	13.1%
E3 - primary	19.1%	19.7%	20.6%	20.3%	19.1%	17.5%
E4 - lower secondary	10.8%	12.1%	14.3%	16.0%	17.3%	18.1%
E5 - upper secondary	12.9%	14.8%	18.5%	22.3%	26.0%	29.7%
E6 - post-secondary	7.0%	7.9%	9.7%	11.6%	14.0%	16.6%
Mean years of schooling (in years)	5.6	6.1	6.9	7.7	8.4	9.1
<b>Gender gap (population age 25+): highest educational attainment (proportion males - proportion females)</b>						
E1 - no education	-11.0	-10.0	-9.0	-7.0	-5.0	-4.0
E2 - incomplete primary	1.0	0.0	-2.0	-2.0	-3.0	-3.0
E3 - primary	6.0	7.0	6.0	6.0	5.0	4.0
E4 - lower secondary	2.0	2.0	2.0	2.0	2.0	2.0
E5 - upper secondary	1.0	1.0	1.0	2.0	2.0	3.0
E6 - post-secondary	1.0	1.0	0.0	-1.0	-2.0	-3.0
Mean years of schooling (male minus female)	0.9	0.9	0.8	0.6	0.4	0.3
<b>Women age 20-39: highest educational attainment (columns sum to 100%)</b>						
E1 - no education	15.7%	12.7%	8.0%	4.3%	2.3%	1.2%
E2 - incomplete primary	25.8%	23.5%	18.0%	13.1%	8.8%	5.5%
E3 - primary	18.6%	18.5%	18.4%	16.9%	13.5%	10.2%
E4 - lower secondary	13.6%	14.9%	17.0%	18.2%	18.8%	18.4%
E5 - upper secondary	18.3%	21.0%	26.2%	31.3%	35.8%	39.2%
E6 - post-secondary	8.0%	9.4%	12.5%	16.2%	20.6%	25.5%
Mean years of schooling (in years)	6.5	7.1	8.2	9.2	10.0	10.8

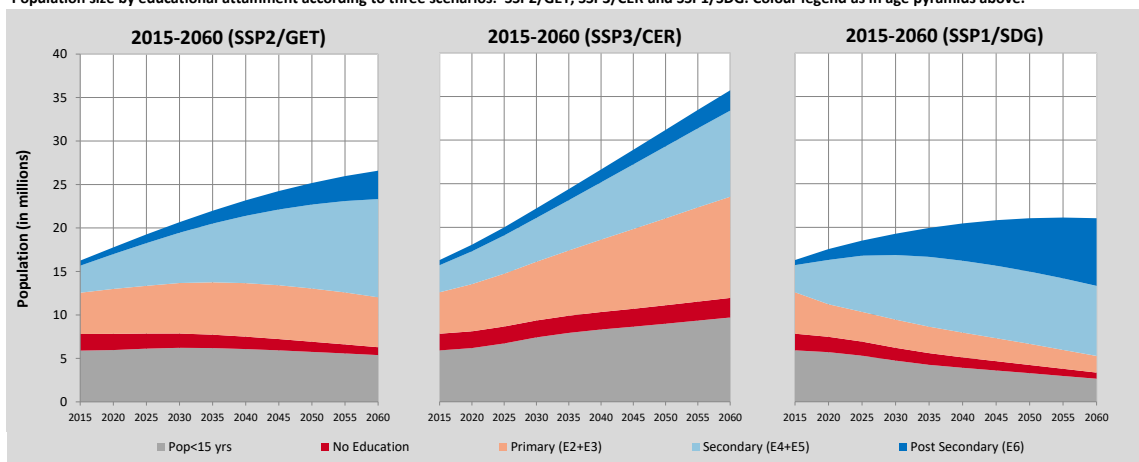
### Education scenarios

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

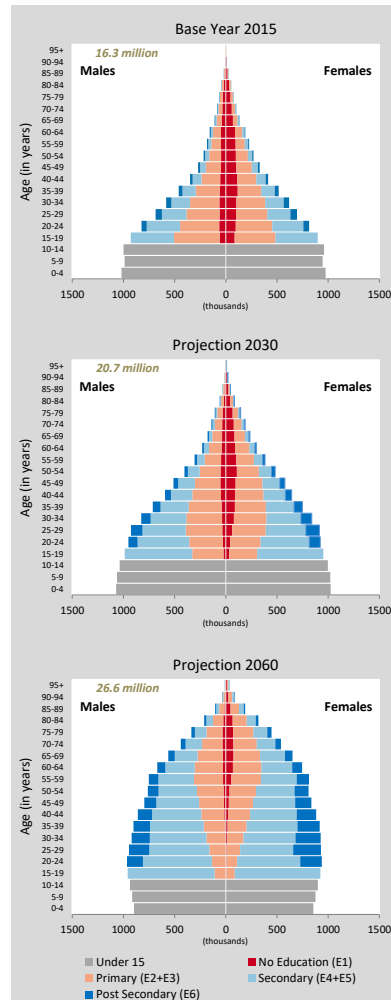
SSP3/CER: Constant Enrollment Rates Scenario (assumption of no future improvements)

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

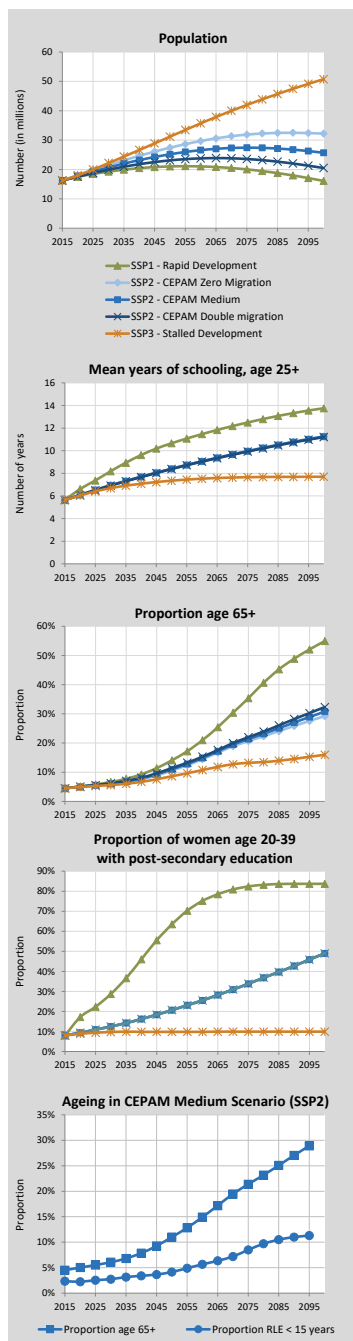
Population size by educational attainment according to three scenarios: SSP2/GET, SSP3/CER and SSP1/SDG. Colour legend as in age pyramids above.



## Pyramids by education, CEPAM Medium Scenario



# Guatemala (Continued)



## Alternative Scenarios to 2100

Projection Results by Scenario (SSP1-3)							
	2015	2020	2030	2050	2060	2075	2100
<b>Population (in millions)</b>							
SSP1 - Rapid Development	16.25	17.50	19.27	21.04	21.05	20.03	16.10
SSP2 - CEPAM Zero Migration	16.25	17.98	21.45	27.42	29.70	31.88	32.21
SSP2 - CEPAM Medium	16.25	17.77	20.68	25.18	26.59	27.42	25.71
SSP2 - CEPAM Double Migration	16.25	17.55	19.92	23.10	23.79	23.57	20.50
SSP3 - Stalled Development	16.25	18.00	22.17	31.17	35.71	41.97	50.76
<b>Proportion age 65+</b>							
SSP1 - Rapid Development	4.5%	5.1%	6.6%	14.1%	21.0%	35.4%	54.9%
SSP2 - CEPAM Zero Migration	4.5%	5.0%	5.9%	10.6%	14.5%	20.7%	29.2%
SSP2 - CEPAM Medium	4.5%	5.0%	6.1%	11.0%	14.9%	21.4%	30.8%
SSP2 - CEPAM Double Migration	4.5%	5.1%	6.2%	11.4%	15.3%	22.0%	32.3%
SSP3 - Stalled Development	4.5%	4.9%	5.6%	8.6%	10.7%	13.2%	16.0%
<b>Proportion below age 20</b>							
SSP1 - Rapid Development	47.5%	43.6%	34.5%	21.6%	17.6%	13.2%	8.9%
SSP2 - CEPAM Zero Migration	47.5%	44.3%	39.0%	30.3%	26.9%	23.0%	18.6%
SSP2 - CEPAM Medium	47.5%	44.5%	39.4%	30.7%	27.3%	23.3%	18.5%
SSP2 - CEPAM Double Migration	47.5%	44.8%	39.9%	31.2%	27.8%	23.6%	18.5%
SSP3 - Stalled Development	47.5%	45.0%	42.1%	37.5%	35.3%	32.7%	29.3%
<b>Proportion of women age 20-39 with post-secondary education</b>							
SSP1 - Rapid Development	8.0%	17.2%	28.7%	63.5%	75.2%	82.4%	83.7%
SSP2 - CEPAM Zero Migration	8.0%	9.4%	12.4%	20.6%	25.5%	33.8%	49.0%
SSP2 - CEPAM Medium	8.0%	9.4%	12.5%	20.6%	25.5%	33.8%	49.0%
SSP2 - CEPAM Double Migration	8.0%	9.4%	12.5%	20.7%	25.5%	33.8%	49.0%
SSP3 - Stalled Development	8.0%	8.8%	9.7%	9.8%	9.8%	9.9%	9.9%
<b>Mean years of schooling, age 25+</b>							
SSP1 - Rapid Development	5.6	6.6	8.2	10.7	11.5	12.5	13.8
SSP2 - CEPAM Zero Migration	5.6	6.1	7.0	8.4	9.1	10.0	11.3
SSP2 - CEPAM Medium	5.6	6.1	6.9	8.4	9.1	10.0	11.3
SSP2 - CEPAM Double Migration	5.6	6.1	6.9	8.4	9.0	9.9	11.2
SSP3 - Stalled Development	5.6	6.0	6.7	7.4	7.5	7.7	7.7
<b>Demographic assumptions underlying SSPs</b>							
	2015-2020	2020-2025	2030-2035	2050-2055	2060-2065	2075-2080	2095-2100
<b>Total fertility rate</b>							
SSP1 - Rapid Development	2.55	2.03	1.53	1.26	1.22	1.19	1.16
SSP2 - CEPAM Zero Migration	2.93	2.72	2.38	1.96	1.84	1.72	1.59
SSP2 - CEPAM Medium	2.93	2.72	2.38	1.96	1.84	1.72	1.59
SSP2 - CEPAM Double Migration	2.93	2.72	2.38	1.96	1.84	1.72	1.59
SSP3 - Stalled Development	3.17	3.18	3.10	2.74	2.58	2.42	2.28
<b>Life expectancy at birth for females (in years)</b>							
SSP1 - Rapid Development	77.5	79.0	82.0	87.7	90.5	94.9	100.9
SSP2 - CEPAM Zero Migration	76.9	77.8	79.7	83.3	85.1	87.9	91.5
SSP2 - CEPAM Medium	76.9	77.8	79.7	83.3	85.1	87.9	91.5
SSP2 - CEPAM Double Migration	76.9	77.8	79.7	83.3	85.1	87.9	91.5
SSP3 - Stalled Development	76.4	76.8	77.5	78.9	79.5	80.4	81.6
<b>Migration – net flow over five years (in thousands)</b>							
SSP1 - Rapid Development	-200.6	-216.2	-237.9	-258.4	-256.9	-241.4	-200.2
SSP2 - CEPAM Zero Migration	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSP2 - CEPAM Medium	-200.4	-219.2	-255.2	-309.4	-325.2	-332.0	-314.5
SSP2 - CEPAM Double Migration	-400.8	-432.9	-490.9	-565.4	-578.6	-566.4	-503.9
SSP3 - Stalled Development	-133.6	-74.1	-0.2	-0.4	-0.4	-0.5	-0.6
<b>Ageing indicators, CEPAM Medium Scenario (SSP2)</b>							
	2015	2020	2030	2050	2060	2075	2095
Median age	21.3	22.7	25.9	32.5	36.1	41.4	47.6
Proportion age 65+	4.5%	5.0%	6.1%	11.0%	14.9%	21.4%	28.9%
Proportion RLE < 15 years	2.3%	2.2%	2.7%	4.2%	5.7%	8.5%	11.3%