

# Costa Rica

## Detailed Human Capital projections to 2060

Demographic indicators, CEPAM Medium Scenario (SSP2)						
	2015	2020	2030	2040	2050	2060
Population (in millions)	4.81	5.06	5.52	5.85	6.09	6.24
Proportion age 65+	8.9%	10.4%	14.9%	18.7%	23.0%	27.8%
Proportion below age 20	30.6%	28.1%	25.2%	22.7%	20.6%	19.4%
	2015-2020	2020-2025	2030-2035	2040-2045	2050-2055	2055-2060
Total Fertility Rate	1.80	1.74	1.71	1.70	1.70	1.72
Life expectancy at birth (in years)						
Male	77.8	78.8	80.7	82.7	84.6	85.6
Female	82.5	83.5	85.6	87.6	89.6	91.7
Five-year net-migration flow (in thousands)	29.6	31.5	35.0	38.1	40.8	41.8

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	3.6%	3.1%	2.4%	1.9%	1.5%	1.2%
E2 - incomplete primary	13.4%	11.7%	9.0%	6.8%	5.2%	3.8%
E3 - primary	35.4%	34.2%	31.7%	28.5%	24.6%	20.6%
E4 - lower secondary	9.8%	10.3%	11.1%	11.7%	12.0%	12.0%
E5 - upper secondary	17.2%	18.4%	20.6%	22.8%	24.9%	26.7%
E6 - post-secondary	20.7%	22.3%	25.3%	28.4%	31.8%	35.6%
Mean years of schooling (in years)	8.7	9.0	9.5	10.0	10.5	10.9
<b>Gender gap (population age 25+): highest educational attainment (ratio male/female)</b>						
E1 - no education	1.06	1.04	1.03	1.02	0.99	0.95
E2 - incomplete primary	0.95	0.96	0.97	0.99	1.00	0.99
E3 - primary	1.05	1.06	1.06	1.05	1.05	1.06
E4 - lower secondary	1.03	1.03	1.05	1.08	1.11	1.14
E5 - upper secondary	0.98	0.98	1.00	1.03	1.06	1.08
E6 - post-secondary	0.94	0.93	0.92	0.90	0.89	0.87
Mean years of schooling (male minus female)	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
<b>Women age 20-39: highest educational attainment (columns sum to 100%)</b>						
E1 - no education	1.6%	1.3%	0.8%	0.5%	0.3%	0.2%
E2 - incomplete primary	7.5%	5.9%	3.5%	1.9%	1.1%	0.5%
E3 - primary	31.1%	28.5%	23.6%	17.7%	12.2%	8.1%
E4 - lower secondary	12.8%	12.7%	12.6%	12.7%	12.2%	10.8%
E5 - upper secondary	24.4%	26.1%	29.1%	31.9%	34.0%	35.0%
E6 - post-secondary	22.7%	25.5%	30.4%	35.2%	40.2%	45.3%
Mean years of schooling (in years)	9.9	10.2	10.8	11.5	12.0	12.5

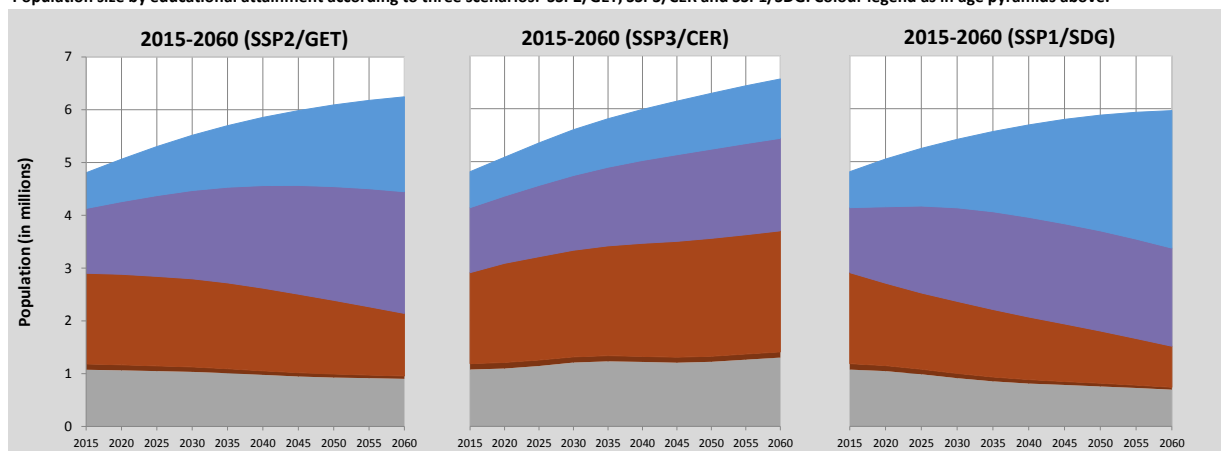
### Education scenarios

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

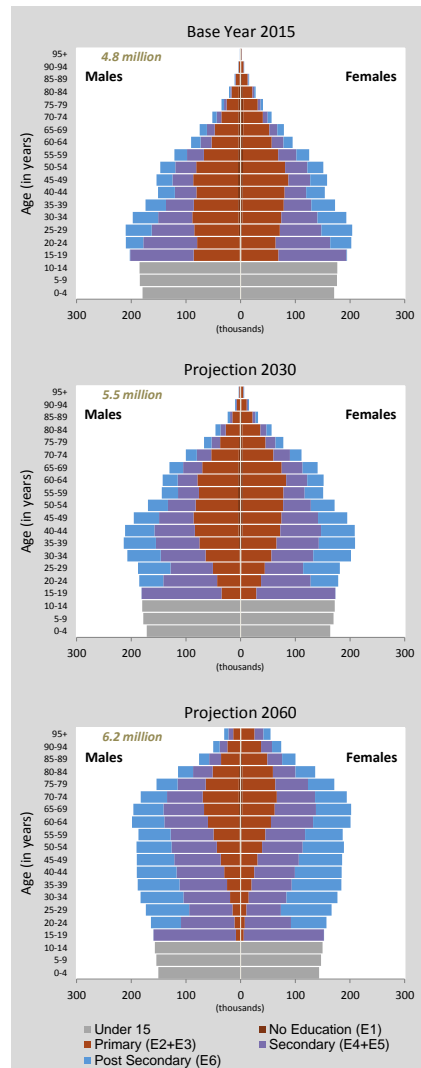
SSP3/CER: Constant Enrollment Rates Scenario (assumption of no future improvements)

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

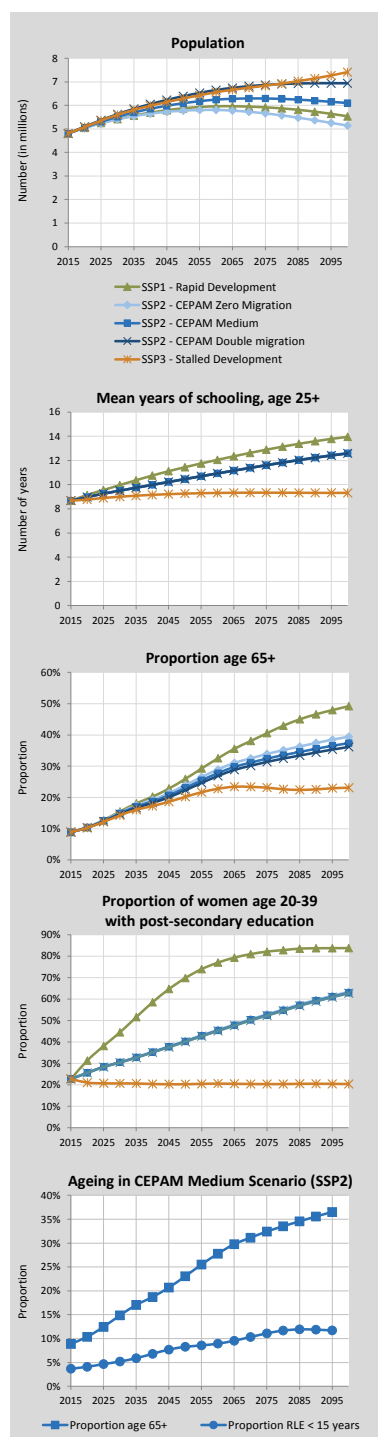
Population size by educational attainment according to three scenarios: SSP2/GET, SSP3/CER and SSP1/SDG. Colour legend as in age pyramids above.



## Pyramids by education, CEPAM Medium Scenario



# Costa Rica (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	4.81	5.05	5.42	5.88	5.96	5.92	5.54
SSP2 - CEPAM Zero Migration	4.81	5.03	5.40	5.78	5.81	5.66	5.14
SSP2 - CEPAM Medium	4.81	5.06	5.52	6.09	6.24	6.29	6.10
SSP2 - CEPAM Double Migration	4.81	5.10	5.63	6.39	6.65	6.87	6.94
SSP3 - Stalled Development	4.81	5.08	5.60	6.29	6.56	6.84	7.41
<b>Proportion age 65+</b>							
SSP1 - Rapid Development	8.9%	10.5%	15.5%	25.9%	32.5%	40.6%	49.2%
SSP2 - CEPAM Zero Migration	8.9%	10.4%	15.1%	23.9%	29.0%	33.9%	39.5%
SSP2 - CEPAM Medium	8.9%	10.4%	14.9%	23.0%	27.8%	32.4%	37.4%
SSP2 - CEPAM Double Migration	8.9%	10.3%	14.6%	22.3%	26.9%	31.4%	36.2%
SSP3 - Stalled Development	8.9%	10.3%	14.3%	20.2%	22.8%	23.1%	23.1%
<b>Proportion below age 20</b>							
SSP1 - Rapid Development	30.6%	27.8%	23.3%	17.5%	15.9%	13.5%	11.5%
SSP2 - CEPAM Zero Migration	30.6%	28.2%	25.2%	20.4%	19.2%	17.2%	15.5%
SSP2 - CEPAM Medium	30.6%	28.1%	25.2%	20.6%	19.4%	17.6%	16.1%
SSP2 - CEPAM Double Migration	30.6%	28.1%	25.2%	20.8%	19.6%	17.9%	16.4%
SSP3 - Stalled Development	30.6%	28.6%	27.8%	25.8%	25.9%	25.6%	26.1%
<b>Proportion of women age 20-39 with post-secondary education</b>							
SSP1 - Rapid Development	22.7%	31.3%	44.4%	69.8%	77.0%	82.1%	83.7%
SSP2 - CEPAM Zero Migration	22.7%	25.6%	30.5%	40.4%	45.6%	52.8%	63.3%
SSP2 - CEPAM Medium	22.7%	25.5%	30.4%	40.2%	45.3%	52.5%	62.9%
SSP2 - CEPAM Double Migration	22.7%	25.5%	30.3%	40.0%	45.1%	52.2%	62.6%
SSP3 - Stalled Development	22.7%	21.0%	20.6%	20.2%	20.5%	20.3%	20.3%
<b>Mean years of schooling, age 25+</b>							
SSP1 - Rapid Development	8.7	9.1	10.0	11.4	12.1	12.9	14.0
SSP2 - CEPAM Zero Migration	8.7	9.0	9.5	10.5	10.9	11.6	12.6
SSP2 - CEPAM Medium	8.7	9.0	9.5	10.5	10.9	11.6	12.6
SSP2 - CEPAM Double Migration	8.7	9.0	9.5	10.5	10.9	11.6	12.6
SSP3 - Stalled Development	8.7	8.8	9.0	9.3	9.3	9.3	9.3

## Demographic assumptions underlying SSPs

	2015-2020	2020-2025	2030-2035	2050-2055	2060-2065	2075-2080	2095-2100
<b>Total fertility rate</b>							
SSP1 - Rapid Development	1.69	1.50	1.40	1.45	1.37	1.37	1.38
SSP2 - CEPAM Zero Migration	1.80	1.74	1.71	1.70	1.62	1.60	1.60
SSP2 - CEPAM Medium	1.80	1.74	1.71	1.70	1.62	1.60	1.60
SSP2 - CEPAM Double Migration	1.80	1.74	1.71	1.70	1.62	1.60	1.60
SSP3 - Stalled Development	1.96	2.08	2.22	2.27	2.22	2.25	2.32
<b>Life expectancy at birth for females (in years)</b>							
SSP1 - Rapid Development	83.0	84.6	87.7	93.7	96.8	101.4	107.7
SSP2 - CEPAM Zero Migration	82.5	83.5	85.6	89.6	91.7	94.7	98.8
SSP2 - CEPAM Medium	82.5	83.5	85.6	89.6	91.7	94.7	98.8
SSP2 - CEPAM Double Migration	82.5	83.5	85.6	89.6	91.7	94.7	98.8
SSP3 - Stalled Development	82.0	82.5	83.4	85.4	86.2	87.5	89.3
<b>Migration – net flow over five years (in thousands)</b>							
SSP1 - Rapid Development	29.6	31.3	33.7	36.8	37.1	36.1	32.7
SSP2 - CEPAM Zero Migration	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSP2 - CEPAM Medium	29.6	31.5	35.0	40.8	42.6	44.2	44.1
SSP2 - CEPAM Double Migration	59.2	62.4	68.0	76.8	79.1	80.4	78.1
SSP3 - Stalled Development	19.7	10.6	0.1	0.1	0.1	0.1	0.1

## Ageing indicators, CEPAM Medium Scenario (SSP2)

	2015	2020	2030	2050	2060	2075	2095
Median age	31.4	33.5	37.7	44.5	46.9	50.1	53.1
Proportion age 65+	8.9%	10.4%	14.9%	23.0%	27.8%	32.4%	36.5%
Proportion RLE < 15 years	3.6%	3.9%	5.0%	8.3%	8.9%	10.9%	11.8%