

# Guam

## Detailed Human Capital projections to 2060

Demographic indicators, CEPAM Medium Scenario (SSP2)						
	2015	2020	2030	2040	2050	2060
Population (in millions)	0.16	0.17	0.18	0.18	0.18	0.18
Proportion age 65+	8.9%	10.7%	15.3%	19.4%	21.3%	24.1%
Proportion below age 20	34.2%	32.1%	28.6%	25.8%	23.2%	21.0%
	2015-2020	2020-2025	2030-2035	2040-2045	2050-2055	2055-2060
Total Fertility Rate	2.27	2.15	1.94	1.80	1.71	1.64
Life expectancy at birth (in years)						
Male	77.5	78.4	80.2	82.0	83.8	84.7
Female	82.3	83.2	84.9	86.7	88.5	90.2
Five-year net-migration flow (in thousands)	-3.3	-3.1	-2.8	-2.2	-1.6	-1.0

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	1.3%	1.8%	2.1%	2.4%	2.5%	2.5%
E2 - incomplete primary	5.8%	4.9%	3.4%	2.6%	2.1%	1.7%
E3 - primary	23.8%	21.0%	15.7%	11.7%	8.5%	6.2%
E4 - lower secondary	29.0%	27.8%	25.4%	22.2%	18.5%	14.9%
E5 - upper secondary	22.0%	24.6%	29.8%	34.0%	37.3%	39.5%
E6 - post-secondary	18.0%	19.8%	23.5%	27.2%	31.2%	35.1%
Mean years of schooling (in years)	9.6	9.9	10.4	10.8	11.2	11.6
<b>Gender gap (population age 25+): highest educational attainment (proportion males - proportion females)</b>						
E1 - no education	-1.0	-1.0	-1.0	0.0	0.0	0.0
E2 - incomplete primary	0.0	0.0	0.0	0.0	0.0	0.0
E3 - primary	2.0	2.0	1.0	1.0	1.0	1.0
E4 - lower secondary	-1.0	-1.0	0.0	0.0	1.0	1.0
E5 - upper secondary	-1.0	-1.0	0.0	1.0	2.0	3.0
E6 - post-secondary	2.0	1.0	0.0	-1.0	-3.0	-5.0
Mean years of schooling (male minus female)	0.2	0.1	0.0	0.0	-0.1	-0.2
<b>Women age 20-39: highest educational attainment (columns sum to 100%)</b>						
E1 - no education	0.0%	1.4%	1.4%	1.2%	1.0%	0.7%
E2 - incomplete primary	0.8%	1.1%	0.8%	0.6%	0.5%	0.4%
E3 - primary	9.1%	6.8%	3.1%	2.0%	1.5%	1.3%
E4 - lower secondary	25.7%	20.9%	14.7%	9.9%	6.3%	4.2%
E5 - upper secondary	38.3%	41.6%	46.7%	47.8%	46.5%	43.7%
E6 - post-secondary	26.0%	28.3%	33.3%	38.5%	44.2%	49.7%
Mean years of schooling (in years)	11.3	11.4	11.9	12.2	12.5	12.7

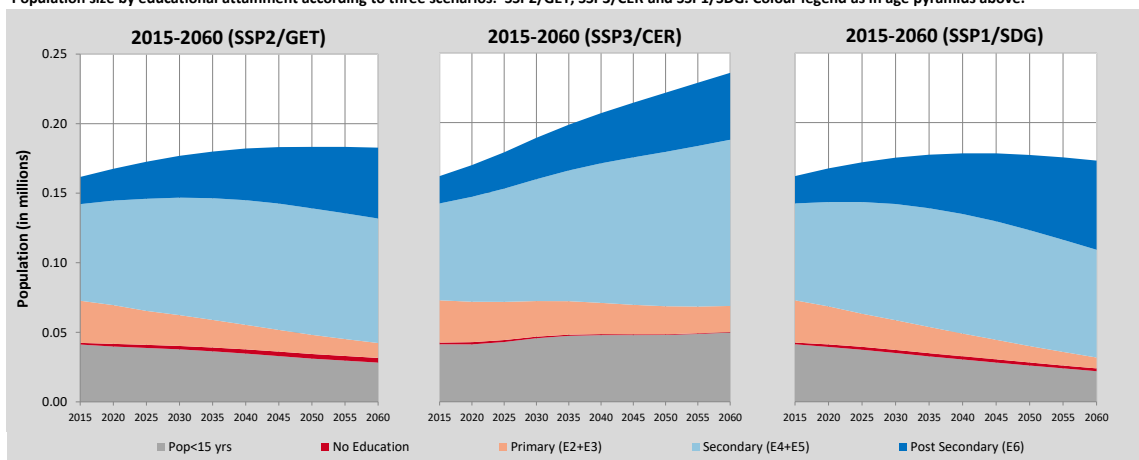
### Education scenarios

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

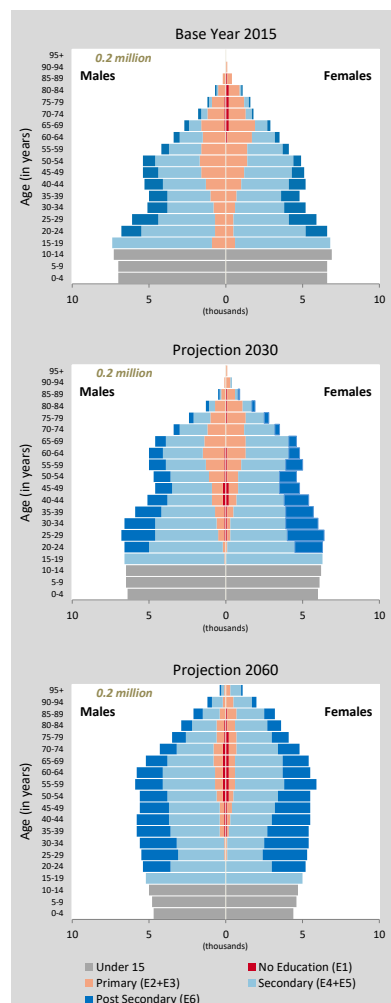
SSP3/CER: Constant Enrollment Rates Scenario (assumption of no future improvements)

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

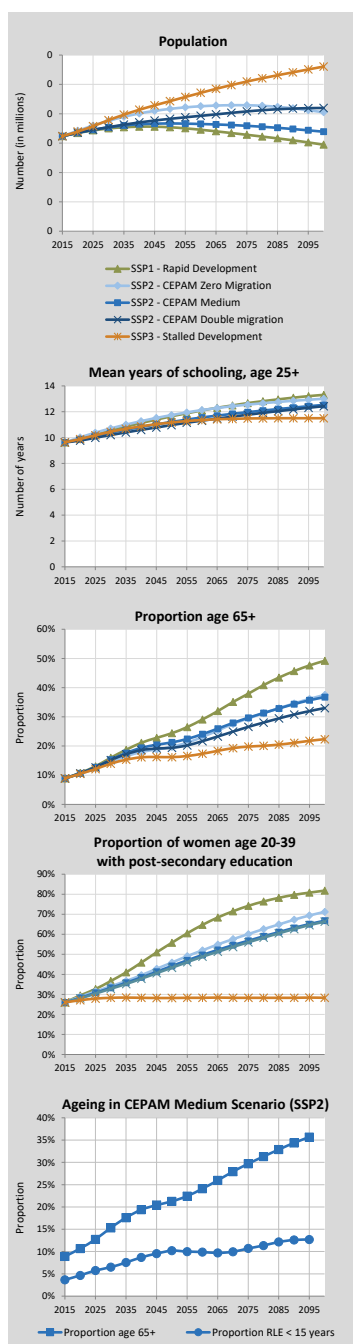
Population size by educational attainment according to three scenarios: SSP2/GET, SSP3/CER and SSP1/SDG. Colour legend as in age pyramids above.



## Pyramids by education, CEPAM Medium Scenario



# Guam (Continued)



## Alternative Scenarios to 2100

Pyramids by education, CEPAM Medium Scenario

Projection Results by Scenario (SSP1-3)	2015	2020	2030	2050	2060	2075	2100
<b>Population (in millions)</b>							
SSP1 - Rapid Development	0.16	0.17	0.17	0.18	0.17	0.16	0.15
SSP2 - CEPAM Zero Migration	0.16	0.17	0.19	0.21	0.21	0.21	0.20
SSP2 - CEPAM Medium	0.16	0.17	0.18	0.18	0.18	0.18	0.17
SSP2 - CEPAM Double Migration	0.16	0.17	0.18	0.19	0.20	0.20	0.21
SSP3 - Stalled Development	0.16	0.17	0.19	0.22	0.24	0.25	0.28
<b>Proportion age 65+</b>							
SSP1 - Rapid Development	8.9%	10.8%	16.0%	24.4%	29.1%	37.9%	49.2%
SSP2 - CEPAM Zero Migration	8.9%	10.5%	14.6%	19.7%	23.1%	29.5%	37.5%
SSP2 - CEPAM Medium	8.9%	10.7%	15.3%	21.3%	24.1%	29.7%	36.8%
SSP2 - CEPAM Double Migration	8.9%	10.7%	15.2%	19.4%	21.7%	26.6%	33.0%
SSP3 - Stalled Development	8.9%	10.5%	14.0%	16.2%	17.4%	19.8%	22.4%
<b>Proportion below age 20</b>							
SSP1 - Rapid Development	34.2%	31.9%	27.3%	20.2%	17.5%	14.3%	11.3%
SSP2 - CEPAM Zero Migration	34.2%	31.9%	28.5%	23.1%	21.0%	18.4%	15.9%
SSP2 - CEPAM Medium	34.2%	32.1%	28.6%	23.2%	21.0%	18.4%	15.9%
SSP2 - CEPAM Double Migration	34.2%	31.8%	28.2%	22.9%	20.9%	18.5%	16.4%
SSP3 - Stalled Development	34.2%	32.5%	31.0%	28.8%	27.8%	26.4%	25.2%
<b>Proportion of women age 20-39 with post-secondary education</b>							
SSP1 - Rapid Development	26.0%	29.5%	36.7%	55.8%	64.7%	74.2%	81.8%
SSP2 - CEPAM Zero Migration	26.0%	28.8%	34.1%	45.9%	52.0%	60.1%	71.2%
SSP2 - CEPAM Medium	26.0%	28.3%	33.3%	44.2%	49.7%	56.8%	66.8%
SSP2 - CEPAM Double Migration	26.0%	28.0%	32.8%	43.3%	48.8%	56.0%	66.3%
SSP3 - Stalled Development	26.0%	27.1%	28.3%	28.2%	28.3%	28.3%	28.3%
<b>Mean years of schooling, age 25+</b>							
SSP1 - Rapid Development	9.6	9.9	10.6	11.7	12.1	12.7	13.3
SSP2 - CEPAM Zero Migration	9.6	10.0	10.7	11.7	12.1	12.6	13.0
SSP2 - CEPAM Medium	9.6	9.9	10.4	11.2	11.6	12.0	12.5
SSP2 - CEPAM Double Migration	9.6	9.8	10.2	11.0	11.3	11.8	12.4
SSP3 - Stalled Development	9.6	9.9	10.5	11.2	11.4	11.5	11.5
<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	2.18	1.98	1.71	1.47	1.41	1.38	1.40
SSP2 - CEPAM Zero Migration	2.27	2.14	1.94	1.71	1.64	1.59	1.61
SSP2 - CEPAM Medium	2.27	2.15	1.94	1.71	1.64	1.59	1.61
SSP2 - CEPAM Double Migration	2.28	2.15	1.95	1.71	1.64	1.60	1.62
SSP3 - Stalled Development	2.46	2.50	2.48	2.29	2.22	2.17	2.22
<b>Life expectancy at birth for females (in years)</b>							
SSP1 - Rapid Development	82.8	84.2	87.0	92.5	95.3	99.5	105.1
SSP2 - CEPAM Zero Migration	82.3	83.2	85.0	88.6	90.4	93.1	96.6
SSP2 - CEPAM Medium	82.3	83.2	84.9	88.5	90.2	92.9	96.4
SSP2 - CEPAM Double Migration	82.3	83.2	84.9	88.4	90.1	92.7	96.3
SSP3 - Stalled Development	81.8	82.1	82.9	84.4	85.2	86.2	87.6
<b>Migration – net flow over five years (in thousands)</b>							
SSP1 - Rapid Development	-3.3	-3.2	-3.0	-2.3	-1.7	-0.9	-0.2
SSP2 - CEPAM Zero Migration	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSP2 - CEPAM Medium	-3.3	-3.1	-2.8	-1.6	-1.0	-0.3	0.6
SSP2 - CEPAM Double Migration	-3.2	-3.5	-2.2	0.0	0.7	1.2	1.3
SSP3 - Stalled Development	-2.2	-1.1	0.0	0.0	0.0	0.0	0.0
<b>Ageing indicators, CEPAM Medium Scenario (SSP2)</b>							
	2015	2020	2030	2050	2060	2075	2095
Median age	30.1	31.6	34.7	41.3	44.1	48.3	52.8
Proportion age 65+	8.9%	10.7%	15.3%	21.3%	24.1%	29.7%	35.7%
Proportion RLE < 15 years	3.7%	4.7%	6.5%	10.2%	9.9%	10.7%	12.7%