United States of America

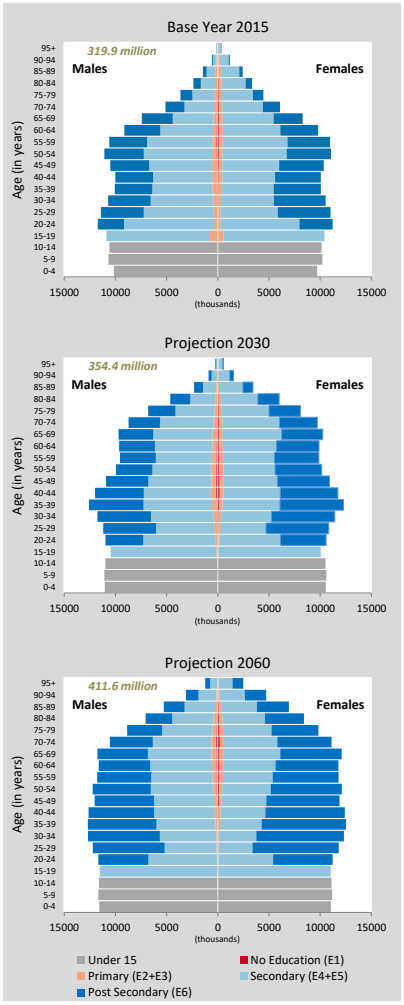
Detailed Human Capital projections to 2060

Demographic indicators, CEPAM Medium Scenario (SSP2)	2015	2020	2030	2040	2050	2060
Population (in millions)	319.91	331.33	354.36	374.85	392.84	411.59
Proportion age 65+	14.6%	16.6%	20.6%	22.2%	23.1%	25.1%
Proportion below age 20	25.9%	25.1%	24.1%	23.4%	22.6%	22.0%
	2015-2020	**2020-2025**	**2030-2035**	**2040-2045**	**2050-2055**	**2055-2060**
Total Fertility Rate	1.93	1.90	1.93	1.92	1.90	1.88
Life expectancy at birth (in years)						
Male	77.3	78.4	80.4	82.4	84.5	85.5
Female	81.9	82.9	85.0	87.1	89.2	91.3
Five-year net-migration flow (in thousands)	4043.7	4304.4	4764.8	5143.3	5426.8	5584.5

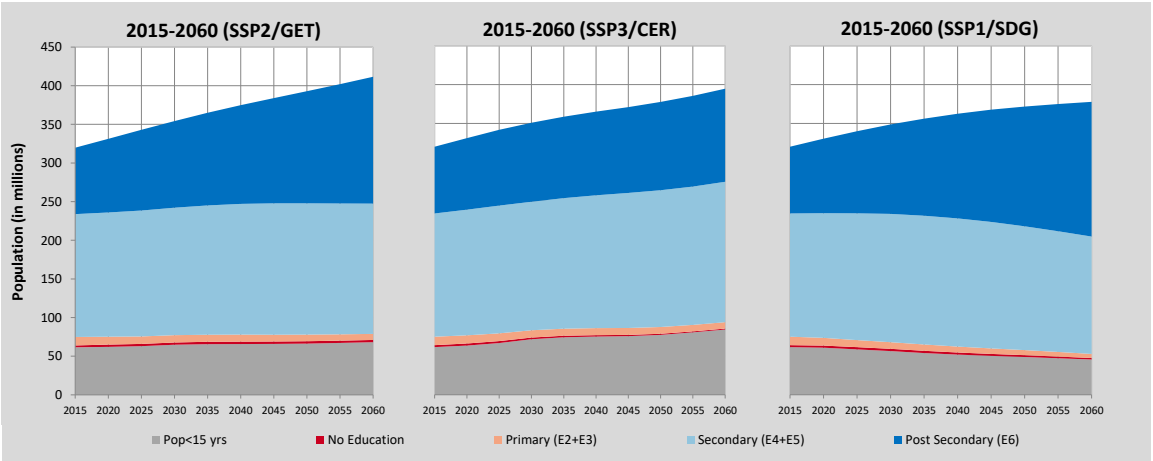
Human Capital indicators, CEPAM Medium Scenario (SSP2)	2015	2020	2030	2040	2050	2060
Population age 25+: highest educational attainment (columns sum to 100%)						
E1 - no education	1.1%	1.2%	1.2%	1.2%	1.1%	1.0%
E2 - incomplete primary	1.0%	1.0%	0.8%	0.8%	0.7%	0.6%
E3 - primary	3.2%	3.0%	2.8%	2.5%	2.3%	2.0%
E4 - lower secondary	6.3%	6.1%	5.8%	5.6%	5.2%	4.8%
E5 - upper secondary	50.9%	49.6%	47.3%	45.1%	42.7%	40.2%
E6 - post-secondary	37.4%	39.1%	42.1%	44.8%	48.0%	51.5%
Mean years of schooling (in years)	12.8	12.9	13.0	13.1	13.2	13.4
Gender gap (population age 25+): highest educational attainment (proportion males - proportion females)						
E1 - no education	0.0	0.0	0.0	0.0	0.0	0.0
E2 - incomplete primary	0.0	0.0	0.0	0.0	0.0	0.0
E3 - primary	0.0	0.0	0.0	0.0	0.0	0.0
E4 - lower secondary	1.0	1.0	1.0	1.0	1.0	1.0
E5 - upper secondary	1.0	2.0	4.0	5.0	7.0	8.0
E6 - post-secondary	-2.0	-3.0	-5.0	-7.0	-9.0	-10.0
Mean years of schooling (male minus female)	-0.1	-0.2	-0.2	-0.3	-0.3	-0.3
Women age 20-39: highest educational attainment (columns sum to 100%)						
E1 - no education	0.5%	0.8%	0.6%	0.6%	0.4%	0.3%
E2 - incomplete primary	0.4%	0.4%	0.4%	0.3%	0.2%	0.1%
E3 - primary	2.0%	2.0%	1.8%	1.2%	0.8%	0.6%
E4 - lower secondary	5.5%	5.0%	4.2%	3.4%	2.6%	2.0%
E5 - upper secondary	49.5%	46.5%	42.1%	38.9%	35.6%	32.2%
E6 - post-secondary	42.2%	45.4%	50.9%	55.6%	60.3%	64.8%
Mean years of schooling (in years)	13.1	13.2	13.4	13.6	13.8	14.0

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)

Pyramids by education, CEPAM Medium Scenario



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



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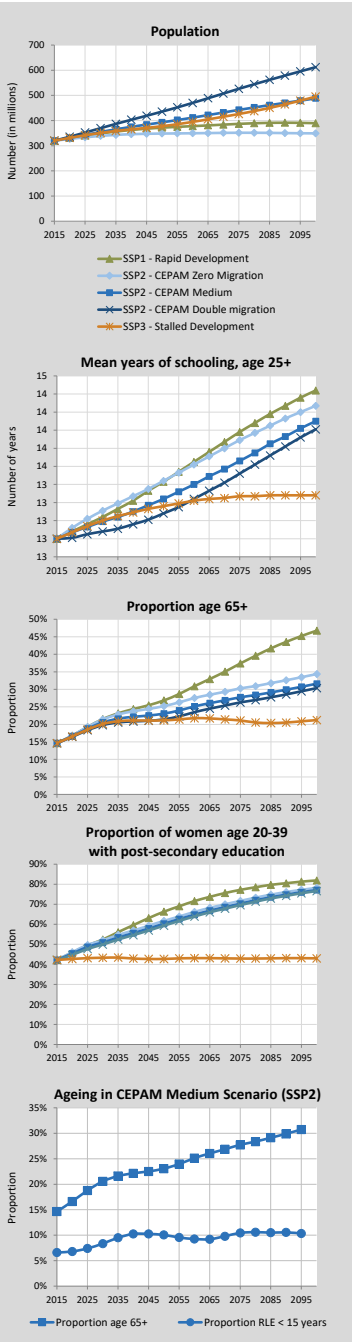

Alternative Scenarios to 2100

Projection Results by Scenario (SSP1-3)	2015	2020	2030	2050	2060	2075	2100
Population (in millions)							
SSP1 - Rapid Development	319.91	330.29	348.59	371.69	377.80	386.77	389.56
SSP2 - CEPAM Zero Migration	319.91	326.96	338.79	348.31	349.52	351.48	349.12
SSP2 - CEPAM Medium	319.91	331.33	354.36	392.84	411.59	442.21	488.23
SSP2 - CEPAM Double Migration	319.91	335.70	369.68	435.44	470.17	526.08	612.25
SSP3 - Stalled Development	319.91	331.07	350.80	377.63	394.77	426.01	494.94
Proportion age 65+							
SSP1 - Rapid Development	14.6%	16.8%	21.5%	26.8%	30.9%	37.4%	46.8%
SSP2 - CEPAM Zero Migration	14.6%	16.8%	21.4%	25.2%	27.5%	30.3%	34.4%
SSP2 - CEPAM Medium	14.6%	16.6%	20.6%	23.1%	25.1%	27.7%	31.6%
SSP2 - CEPAM Double Migration	14.6%	16.4%	19.8%	21.4%	23.5%	26.3%	30.4%
SSP3 - Stalled Development	14.6%	16.5%	20.1%	21.1%	21.8%	21.1%	21.2%
Proportion below age 20							
SSP1 - Rapid Development	25.9%	24.7%	22.0%	17.9%	16.5%	14.5%	12.2%
SSP2 - CEPAM Zero Migration	25.9%	25.1%	23.8%	22.0%	21.4%	20.3%	18.8%
SSP2 - CEPAM Medium	25.9%	25.1%	24.1%	22.6%	22.0%	21.1%	19.6%
SSP2 - CEPAM Double Migration	25.9%	25.0%	24.3%	23.0%	22.5%	21.5%	20.0%
SSP3 - Stalled Development	25.9%	25.5%	26.1%	27.1%	27.8%	28.1%	27.9%
Proportion of women age 20-39 with post-secondary education							
SSP1 - Rapid Development	42.2%	45.9%	52.4%	66.3%	71.6%	77.2%	81.9%
SSP2 - CEPAM Zero Migration	42.2%	46.1%	52.0%	61.7%	66.2%	71.7%	78.2%
SSP2 - CEPAM Medium	42.2%	45.4%	50.9%	60.3%	64.8%	70.3%	77.1%
SSP2 - CEPAM Double Migration	42.2%	44.7%	49.9%	59.3%	63.9%	69.6%	76.6%
SSP3 - Stalled Development	42.2%	42.7%	43.3%	42.7%	43.1%	42.9%	43.0%
Mean years of schooling, age 25+							
SSP1 - Rapid Development	12.8	12.9	13.0	13.4	13.7	14.0	14.4
SSP2 - CEPAM Zero Migration	12.8	12.9	13.1	13.4	13.6	13.9	14.3
SSP2 - CEPAM Medium	12.8	12.9	13.0	13.2	13.4	13.7	14.1
SSP2 - CEPAM Double Migration	12.8	12.8	12.9	13.1	13.2	13.5	14.0
SSP3 - Stalled Development	12.8	12.9	13.0	13.2	13.2	13.3	13.3

Demographic assumptions underlying SSPs	2015-2020	2020-2025	2030-2035	2050-2055	2060-2065	2075-2080	2095-2100
Total fertility rate							
SSP1 - Rapid Development	1.79	1.64	1.50	1.41	1.40	1.39	1.38
SSP2 - CEPAM Zero Migration	1.93	1.89	1.93	1.90	1.88	1.86	1.84
SSP2 - CEPAM Medium	1.93	1.90	1.93	1.90	1.88	1.86	1.84
SSP2 - CEPAM Double Migration	1.93	1.90	1.93	1.90	1.88	1.86	1.84
SSP3 - Stalled Development	2.08	2.19	2.41	2.47	2.46	2.45	2.43
Life expectancy at birth for females (in years)							
SSP1 - Rapid Development	82.4	83.9	87.0	93.3	96.4	101.0	107.2
SSP2 - CEPAM Zero Migration	81.9	82.9	85.1	89.3	91.4	94.6	98.8
SSP2 - CEPAM Medium	81.9	82.9	85.0	89.2	91.3	94.5	98.7
SSP2 - CEPAM Double Migration	81.9	82.9	85.0	89.2	91.3	94.4	98.6
SSP3 - Stalled Development	81.4	81.9	83.0	85.2	86.3	88.0	90.1
Migration – net flow over five years (in thousands)							
SSP1 - Rapid Development	4047.6	4278.1	4586.8	4875.7	4833.7	4566.8	3962.5
SSP2 - CEPAM Zero Migration	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSP2 - CEPAM Medium	4043.7	4304.4	4764.8	5426.8	5584.5	5607.1	5345.6
SSP2 - CEPAM Double Migration	8082.2	8538.6	9315.7	10325.1	10475.6	10296.2	9515.8
SSP3 - Stalled Development	2694.3	1448.0	4.3	5.6	6.2	7.1	8.1

Ageing indicators, CEPAM Medium Scenario (SSP2)	2015	2020	2030	2050	2060	2075	2095
Median age	37.6	38.3	40.1	42.8	43.6	45.5	47.6
Proportion age 65+	14.6%	16.6%	20.6%	23.1%	25.1%	27.7%	30.7%
Proportion RLE < 15 years	6.6%	6.8%	8.4%	10.1%	9.3%	10.4%	10.4%