Ghana

Detailed Human Capital projections to 2060

	2015	2020	2030	2040	2050	2060
Population (in millions)	27.59	30.72	36.82	42.74	48.21	52.66
Proportion age 65+	3.4%	3.4%	4.1%	5.4%	7.0%	8.9%
Proportion below age 20	49.2%	47.8%	44.0%	39.2%	35.8%	32.3%
	2015-2020	2020-2025	2030-2035	2040-2045	2050-2055	2055-2060
Total Fertility Rate	3.83	3.47	2.94	2.54	2.25	2.13
Life expectancy at birth (in years)						
Male	62.1	63.2	65.4	67.6	69.8	71.0
Female	64.2	65.4	67.8	70.2	72.7	75.1
Five-year net-migration flow (in thousands)	-61.7	-74.9	-101.2	-127.9	-153.3	-164.5

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	29.8%	25.3%	18.6%	13.4%	9.3%	6.1%
E2 - incomplete primary	8.4%	8.9%	8.3%	6.9%	5.5%	4.2%
E3 - primary	8.2%	8.4%	8.4%	8.2%	7.4%	6.5%
E4 - lower secondary	33.0%	33.8%	35.1%	35.2%	34.5%	33.0%
E5 - upper secondary	14.0%	16.4%	21.3%	26.6%	32.0%	37.0%
E6 - post-secondary	6.6%	7.2%	8.3%	9.7%	11.3%	13.2%
Mean years of schooling (in years)	7.1	7.6	8.4	9.3	10.1	10.8
Gender gap (population age 25+): high	nest education	al attainme	nt (ratio mo	ale/female)		
E1 - no education	0.61	0.62	0.63	0.64	0.66	0.68
E2 - incomplete primary	0.72	0.68	0.65	0.64	0.65	0.64
E3 - primary	0.81	0.80	0.82	0.79	0.77	0.74
E4 - lower secondary	1.26	1.19	1.08	1.01	0.95	0.90
E5 - upper secondary	1.60	1.49	1.34	1.23	1.16	1.11
E6 - post-secondary	2.11	1.95	1.76	1.66	1.59	1.54
Mean years of schooling (male minus female)	1.1	1.0	0.8	0.7	0.5	0.5
Women age 20-39: highest education	al attainment (columns sui	n to 100%)			
E1 - no education	19.1%	14.7%	9.0%	6.1%	3.5%	1.7%
E2 - incomplete primary	9.4%	9.3%	7.1%	4.1%	2.7%	1.8%
E3 - primary	9.3%	9.0%	8.4%	7.2%	5.7%	4.1%
E4 - lower secondary	34.4%	35.0%	36.0%	34.9%	32.3%	28.4%
E5 - upper secondary	21.5%	24.6%	30.4%	36.8%	42.7%	48.3%
E6 - post-secondary	6.3%	7.4%	9.1%	10.8%	13.1%	15.7%
Mean years of schooling (in years)	7.4	8.1	9.3	10.2	11.0	11.7

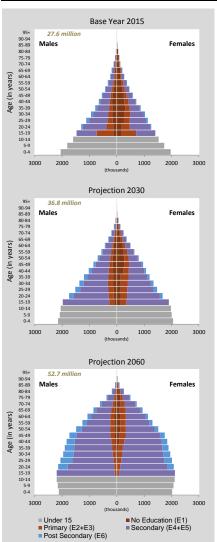
Education scenarios

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

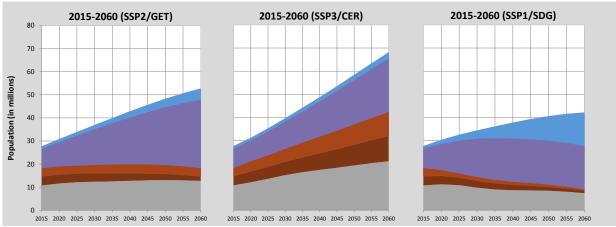
SSP3/CER: Constant Enrollment Rates Scenario (assumption of no future improvements)

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

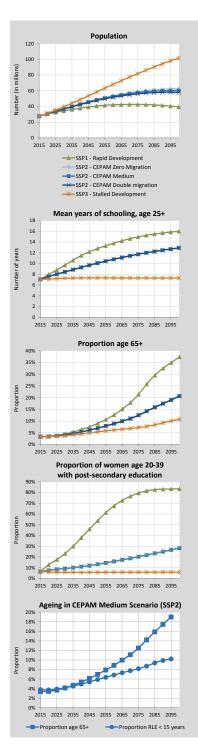
Pyramids by education, CEPAM Medium Scenario







Ghana (Continued)



Alternative Scenarios to 2100

Projection Results by Scenar	io (SSP1-3)						
	2015	2020	2030	2050	2060	2075	210
Population (in millions)							
SSP1 - Rapid Development	27.59	30.30	34.34	40.52	42.08	42.55	39.3
SSP2 - CEPAM Zero Migration	27.59	30.79	37.04	48.90	53.65	58.90	62.5
SSP2 - CEPAM Medium	27.59	30.72	36.82	48.21	52.66	57.42	60.1
SSP2 - CEPAM Double Migration	27.59	30.66	36.59	47.52	51.68	55.97	57.9
SSP3 - Stalled Development	27.59	31.18	39.62	58.33	68.08	81.77	101.5
Proportion age 65+							
SSP1 - Rapid Development	3.4%	3.5%	4.5%	9.0%	12.7%	21.4%	37.4
SSP2 - CEPAM Zero Migration	3.4%	3.4%	4.1%	7.0%	8.9%	12.5%	20.6
SSP2 - CEPAM Medium	3.4%	3.4%	4.1%	7.0%	8.9%	12.5%	20.7
SSP2 - CEPAM Double Migration	3.4%	3.4%	4.1%	7.0%	8.9%	12.4%	20.7
SSP3 - Stalled Development	3.4%	3.3%	3.8%	5.4%	6.2%	7.2%	10.7
Proportion below age 20							
SSP1 - Rapid Development	49.2%	47.1%	39.6%	27.7%	24.1%	18.6%	13.4
SSP2 - CEPAM Zero Migration	49.2%	47.8%	43.9%	35.4%	32.0%	27.3%	22.0
SSP2 - CEPAM Medium	49.2%	47.8%	44.0%	35.8%	32.3%	27.7%	22.3
SSP2 - CEPAM Double Migration	49.2%	47.9%	44.2%	36.1%	32.7%	28.0%	22.6
SSP3 - Stalled Development	49.2%	48.6%	48.0%	42.9%	40.3%	36.3%	31.7
Proportion of women age 20	-39 with post-	secondary	education				
SSP1 - Rapid Development	6.3%	12.7%	23.1%	53.6%	67.6%	79.6%	83.5
SSP2 - CEPAM Zero Migration	6.3%	7.3%	9.0%	12.9%	15.6%	20.0%	28.0
SSP2 - CEPAM Medium	6.3%	7.4%	9.1%	13.1%	15.7%	20.1%	28.1
SSP2 - CEPAM Double Migration	6.3%	7.5%	9.3%	13.2%	15.9%	20.3%	28.3
SSP3 - Stalled Development	6.3%	5.7%	5.6%	5.6%	5.6%	5.6%	5.7
Mean years of schooling, ag	e 25 +						
SSP1 - Rapid Development	7.1	8.0	9.7	12.8	13.8	15.0	16
SSP2 - CEPAM Zero Migration	7.1	7.6	8.4	10.0	10.8	11.7	12
SSP2 - CEPAM Medium	7.1	7.6	8.4	10.1	10.8	11.7	12
SSP2 - CEPAM Double Migration	7.1	7.6	8.5	10.1	10.8	11.7	12
SSP3 - Stalled Development	7.1	7.1	7.3	7.3	7.3	7.3	7
Demographic assumptions u	nderlying SSP	s					
	2015-2020	2020-2025	2030-2035	2050-2055	2060-2065	2075-2080	2095-210
Total fertility rate							
SP1 - Ranid Develonment							
	3.43	2.71	1.99	1.56	1.45	1.33	
	3.43 3.83	2.71 3.47	1.99 2.94	1.56 2.25	1.45 2.04	1.33 1.84	
SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium							1.
SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration	3.83 3.83 3.83	3.47 3.47 3.46	2.94	2.25	2.04	1.84	1. 1.
SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration	3.83 3.83	3.47 3.47	2.94 2.94	2.25 2.25	2.04 2.04	1.84 1.84	1. 1. 1.
SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development	3.83 3.83 4.25	3.47 3.47 3.46 4.30	2.94 2.94 2.94	2.25 2.25 2.25	2.04 2.04 2.04	1.84 1.84 1.84	1. 1. 1.
SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fi	3.83 3.83 4.25	3.47 3.47 3.46 4.30	2.94 2.94 2.94	2.25 2.25 2.25	2.04 2.04 2.04	1.84 1.84 1.84	1. 1. 1. 2.
SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fi	3.83 3.83 3.83 4.25 emales (in yea	3.47 3.47 3.46 4.30	2.94 2.94 2.94 4.01	2.25 2.25 2.25 3.12	2.04 2.04 2.04 2.79	1.84 1.84 1.84 2.51	1. 1. 1. 2.
SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fi SSP1 - Rapid Development SSP2 - CEPAM zero Migration	3.83 3.83 3.83 4.25 emales (in yea 64.8	3.47 3.47 3.46 4.30 (rs)	2.94 2.94 2.94 4.01	2.25 2.25 2.25 3.12	2.04 2.04 2.04 2.79	1.84 1.84 1.84 2.51	1.4 1.4 2.4 92 83
SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fi SSP1 - Rapid Development SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium	3.83 3.83 3.83 4.25 emales (in yea 64.8 64.2	3.47 3.47 3.46 4.30 4.30 66.7 65.4	2.94 2.94 2.94 4.01 70.4 67.8	2.25 2.25 2.25 3.12 77.2 72.6	2.04 2.04 2.04 2.79 80.6 75.0	1.84 1.84 1.84 2.51 85.9 78.7	1 1 1 2 92 83
SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fi SSP1 - Rapid Development SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration	3.83 3.83 3.83 4.25 emales (in yea 64.8 64.2 64.2	3.47 3.47 3.46 4.30 4.30 66.7 65.4 65.4	2.94 2.94 2.94 4.01 70.4 67.8 67.8	2.25 2.25 2.25 3.12 77.2 72.6 72.7	2.04 2.04 2.04 2.79 80.6 75.0 75.1	1.84 1.84 1.84 2.51 85.9 78.7 78.7	1.0 1.0 1.0 2.0 92 83 83
SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development SSP3 - Stalled Development SSP1 - Rapid Development SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development	3.83 3.83 3.83 4.25 emales (in yea 64.8 64.2 64.2 64.2 63.6	3.47 3.46 4.30 4.30 66.7 65.4 65.4 65.4 64.1	2.94 2.94 2.94 4.01 70.4 67.8 67.8	2.25 2.25 2.25 3.12 77.2 72.6 72.7 72.7	2.04 2.04 2.04 2.79 80.6 75.0 75.1	1.84 1.84 1.84 2.51 85.9 78.7 78.7	1.0 1.0 1.0 2.0 92 83 83
SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fit SSP1 - Rapid Development SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Migration — net flow over fit	3.83 3.83 3.83 4.25 emales (in yea 64.8 64.2 64.2 64.2 63.6	3.47 3.46 4.30 4.30 66.7 65.4 65.4 65.4 64.1	2.94 2.94 2.94 4.01 70.4 67.8 67.8	2.25 2.25 2.25 3.12 77.2 72.6 72.7 72.7	2.04 2.04 2.04 2.79 80.6 75.0 75.1	1.84 1.84 1.84 2.51 85.9 78.7 78.7	1./ 1./ 2./ 92 83 83 83 73
SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP3 - Stalled Development Life expectancy at birth for fit SSP1 - Repid Development SSP2 - CEPAM Medium SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Migration — net flow over fit SSP1 - Repid Development	3.83 3.83 4.25 emales (in yea 64.8 64.2 64.2 64.2 63.6 ve years (in the	3.47 3.46 4.30 4.30 66.7 65.4 65.4 65.4 64.1 ousands)	2.94 2.94 4.01 70.4 67.8 67.8 65.1	2.25 2.25 2.25 3.12 77.2 72.6 72.7 72.7 67.3	2.04 2.04 2.79 80.6 75.0 75.1 75.1 68.5	1.84 1.84 2.51 85.9 78.7 78.7 70.3	1.4 1.1 2.5 92 83 83 73
SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP3 - Stalled Development Life expectancy at birth for fit SSP1 - Rapid Development SSP2 - CEPAM Medium SSP2 - CEPAM Medium SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Migration — net flow over fit SSP1 - Rapid Development Migration — net flow over fit SSP1 - Rapid Development SSP2 - CEPAM zero Migration	3.83 3.83 4.25 emales (in yea 64.8 64.2 64.2 64.2 63.6 ve years (in th	3.47 3.46 4.30 4.30 66.7 65.4 65.4 65.4 64.1 ousands)	2.94 2.94 4.01 70.4 67.8 67.8 65.1	2.25 2.25 2.25 3.12 77.2 72.6 72.7 72.7 67.3	2.04 2.04 2.04 2.79 80.6 75.0 75.1 75.1 68.5	1.84 1.84 1.84 2.51 85.9 78.7 78.7 70.3	1./ 1./ 2./ 922 83 83 83 73
SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fit SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Migration — net flow over fit SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Zero Migration SSP3 - Stalled Development Migration — net flow over fit SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Zero Migration	3.83 3.83 4.25 emales (in yea 64.8 64.2 64.2 64.2 63.6 ve years (in th	3.47 3.47 3.46 4.30 (65.4 65.4 65.4 64.1 00usands) -73.0 0.0	2.94 2.94 4.01 70.4 67.8 67.8 65.1	2.25 2.25 2.25 3.12 77.2 72.6 72.7 72.7 67.3	2.04 2.04 2.79 80.6 75.0 75.1 75.1 68.5	1.84 1.84 1.84 2.51 85.9 78.7 78.7 70.3	1.0 1.0 2.0 922 833 833 73 -122 0
SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fit SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Migration - net flow over fit SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Zero Migration SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Medium	3.83 3.83 4.25 emales (in yea 64.8 64.2 64.2 64.2 63.6 ve years (in th -61.6 0.0 -61.7	3.47 3.47 3.46 4.30 rs) 66.7 65.4 65.4 65.4 64.1 ousands -73.0 0.0 -74.9	2.94 2.94 4.01 70.4 67.8 67.8 65.1 -89.6 0.0	2.25 2.25 2.25 3.12 77.2 72.6 72.7 72.7 67.3 -116.3 0.0	2.04 2.04 2.79 80.6 75.0 75.1 75.1 68.5	1.84 1.84 2.51 85.9 78.7 78.7 70.3 -128.0 0.0	1.2 1.6 1.6 2.3 92 83 83 83 73 -122 0 -214 -407
SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fit SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Migration - net flow over fit SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP3 - Stalled Development SSP3 - Stalled Development SSP4 - Rapid Development SSP5 - CEPAM Zero Migration SSP5 - CEPAM Medium SSP5 - CEPAM Medium	3.83 3.83 4.25 emales (in yea 64.8 64.2 64.2 63.6 64.2 63.6 ve years (in th -61.6 0.0 -61.7 -123.4	3.47 3.47 3.46 4.30 rs) 66.7 65.4 65.4 65.4 64.1 ousands -73.0 0.0 -74.9 -149.5	2.94 2.94 4.01 70.4 67.8 67.8 65.1 -89.6 0.0 -101.2 -201.1	2.25 2.25 2.25 3.12 77.2 72.6 72.7 72.7 67.3 -116.3 0.0 -153.3 -301.4	2.04 2.04 2.79 80.6 75.0 75.1 75.1 68.5 -124.0 0.0 -174.5 -341.0	1.84 1.84 2.51 85.9 78.7 78.7 70.3 -128.0 0.0 -198.4 -383.8	1.0 1.0 1.1 2.3 92 83 83 83 73 -122 0 -214
SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fit SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Migration — net flow over fit SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Zero Migration SSP3 - Stalled Development SSP2 - CEPAM Double Migration SSP3 - Stalled Development SSP3 - Stalled Development	3.83 3.83 3.83 4.25 emales (in yea 64.8 64.2 64.2 64.2 63.6 ve years (in th -61.6 0.0 -61.7 -123.4 -41.1	3.47 3.47 3.46 4.30 66.7 65.4 65.4 64.1 0usands -73.0 0.0 -74.9 -149.5 -25.6	2.94 2.94 4.01 70.4 67.8 67.8 65.1 -89.6 0.0 -101.2 -201.1 -0.1	2.25 2.25 2.25 3.12 77.2 72.6 72.7 72.7 67.3 -116.3 0.0 -153.3 -301.4 -0.2	2.04 2.04 2.79 80.6 75.0 75.1 75.1 68.5 -124.0 0.0 -174.5 -341.0	1.84 1.84 2.51 85.9 78.7 78.7 70.3 -128.0 0.0 -198.4 -383.8 -0.3	1.1 1.1 2. 922 833 833 73 -122 0 -214 -407
SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fit SSP1 - Rapid Development SSP2 - CEPAM Medium SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Migration — net flow over fit SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Zero Migration SSP2 - CEPAM Double Migration SSP2 - CEPAM Double Migration SSP2 - CEPAM Double Migration SSP3 - Stalled Development SSP3 - Stalled Development	3.83 3.83 3.83 4.25 emales (in yea 64.8 64.2 64.2 64.2 63.6 ve years (in th -61.6 0.0 -61.7 -123.4 -41.1	3.47 3.47 3.46 4.30 66.7 65.4 65.4 64.1 0usands) -73.0 0.0 -74.9 -149.5 -25.6	2.94 2.94 4.01 70.4 67.8 67.8 65.1 -89.6 0.0 -101.2 -201.1 -0.1	2.25 2.25 2.25 3.12 77.2 72.6 72.7 67.3 -116.3 0.0 -153.3 -301.4 -0.2	2.04 2.04 2.79 80.66 75.0 75.1 68.5 -124.0 0.0 -174.5 -341.0 -0.2	1.84 1.84 2.51 85.9 78.7 78.7 70.3 -128.0 0.0 -198.4 -383.8 -0.3	1. 1. 1. 2. 92 83 83 83 73 -122 (-214 -407
SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fi SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Zero Migration SSP2 - CEPAM Double Migration SSP3 - Stalled Development Migration - net flow over fit SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP3 - Stalled Development SSP4 - Rapid Development SSP4 - CEPAM Zero Migration SSP5 - CEPAM Medium SSP5 - CEPAM Medium SSP5 - CEPAM Double Migration SSP3 - Stalled Development Ageing indicators, CEPAM M	3.83 3.83 3.83 4.25 emales (in yea 64.8 64.2 64.2 64.2 63.6 ve years (in th -61.6 0.0 -61.7 -123.4 -41.1	3.47 3.47 3.46 4.30 66.7 65.4 65.4 64.1 0usands -73.0 0.0 -74.9 -149.5 -25.6	2.94 2.94 4.01 70.4 67.8 67.8 65.1 -89.6 0.0 -101.2 -201.1 -0.1	2.25 2.25 2.25 3.12 77.2 72.6 72.7 72.7 67.3 -116.3 0.0 -153.3 -301.4 -0.2	2.04 2.04 2.79 80.6 75.0 75.1 75.1 68.5 -124.0 0.0 -174.5 -341.0	1.84 1.84 2.51 85.9 78.7 78.7 70.3 -128.0 0.0 -198.4 -383.8 -0.3	-12 -24

3.4%

3.9%

Proportion RLE < 15 years

3.4%

4.1%

7.0%

8.9%

12.5%

8.1%

19.0%