Rwanda

Detailed Human Capital projections to 2060

	2015	2020	2030	2040	2050	2060
Population (in millions)	11.63	13.16	16.29	19.47	22.42	24.88
Proportion age 65+	2.8%	3.3%	4.5%	5.0%	7.0%	8.9%
Proportion below age 20	51.2%	49.8%	45.6%	41.9%	38.4%	34.7%
	2015-2020	2020-2025	2030-2035	2040-2045	2050-2055	2055-2060
Total Fertility Rate	3.94	3.71	3.25	2.84	2.49	2.34
Life expectancy at birth (in years)						
Male	65.4	66.0	67.1	68.3	69.4	70.0
Female	69.7	70.3	71.4	72.5	73.6	74.8
Five-vear net-migration flow (in thousands)	-45.3	-61.1	-95.0	-131.7	-166.9	-182.5

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	23.3%	19.0%	12.6%	8.3%	5.4%	3.4%
E2 - incomplete primary	50.9%	49.6%	45.8%	40.2%	33.9%	27.4%
E3 - primary	14.3%	16.5%	20.2%	22.7%	24.1%	24.2%
E4 - lower secondary	4.1%	5.1%	7.2%	9.2%	11.2%	12.9%
E5 - upper secondary	5.3%	6.9%	10.6%	15.1%	20.1%	25.7%
E6 - post-secondary	2.2%	2.9%	3.6%	4.4%	5.3%	6.4%
Mean years of schooling (in years)	4.0	4.6	5.5	6.4	7.2	8.0
Gender gap (population age 25+): high	nest education	ıl attainme	nt (ratio m	ale/female)		
E1 - no education	0.70	0.72	0.78	0.87	0.99	1.14
E2 - incomplete primary	0.90	0.83	0.76	0.72	0.70	0.70
E3 - primary	2.15	2.15	1.99	1.76	1.60	1.49
E4 - lower secondary	1.19	1.08	0.98	0.93	0.94	0.93
E5 - upper secondary	1.48	1.35	1.18	1.09	1.03	0.99
E6 - post-secondary	1.28	1.20	1.19	1.17	1.15	1.15
Mean years of schooling	0.5	0.5	0.4	0.3	0.3	0.2
(male minus female)						
Women age 20-39: highest educations	al attainment (d	columns sui	n to 100%)			
E1 - no education	11.0%	7.7%	3.8%	2.9%	1.7%	0.9%
E2 - incomplete primary	50.3%	46.4%	38.6%	30.1%	21.8%	14.5%
E3 - primary	20.8%	23.1%	26.1%	26.4%	25.8%	23.7%
E4 - lower secondary	7.2%	8.3%	10.4%	12.6%	14.6%	15.8%
E5 - upper secondary	7.8%	10.8%	17.3%	23.4%	30.4%	38.1%
E6 - post-secondary	3.1%	3.6%	3.7%	4.6%	5.7%	7.1%
Mean years of schooling (in years)	4.8	5.5	6.6	7.5	8.5	9.5

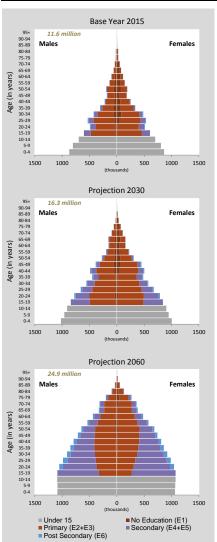
Education scenarios

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

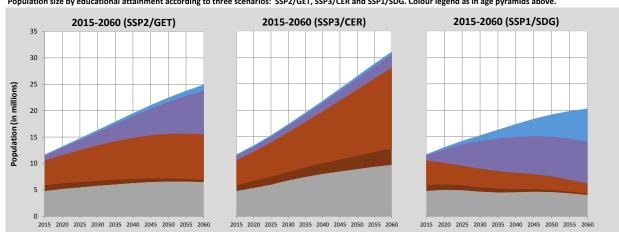
SSP3/CER: Constant Enrollment Rates Scenario (assumption of no future improvements)

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

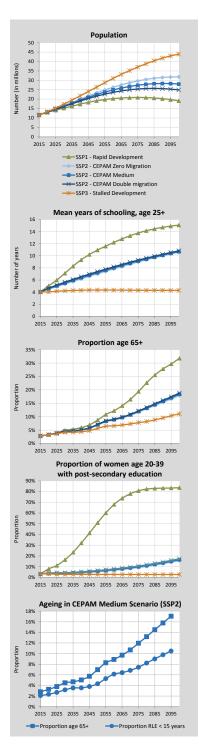
Pyramids by education, CEPAM Medium Scenario



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



Rwanda (Continued)



Alternative Scenarios to 2100

Projection Results by Scenari	io (SSP1-3) 2015	2020	2030	2050	2060	2075	210
Population (in millions)							
SSP1 - Rapid Development	11.63	12.98	15.21	19.16	20.27	20.90	19.1
SSP2 - CEPAM Zero Migration	11.63	13.21	16.52	23.33	26.28	29.65	31.8
SSP2 - CEPAM Medium	11.63	13.16	16.29	22.42	24.88	27.38	28.0
SSP2 - CEPAM Double Migration	11.63	13.11	16.05	21.57	23.59	25.38	24.9
SSP3 - Stalled Development	11.63	13.32	17.33	26.40	31.00	37.01	43.9
Proportion age 65+							
SSP1 - Rapid Development	2.8%	3.3%	4.9%	8.8%	12.2%	19.4%	31.8
SSP2 - CEPAM Zero Migration	2.8%	3.3%	4.5%	6.8%	8.7%	11.7%	17.9
SSP2 - CEPAM Medium	2.8%	3.3%	4.5%	7.0%	8.9%	12.0%	18.4
SSP2 - CEPAM Double Migration	2.8%	3.3%	4.5%	7.1%	9.1%	12.2%	18.8
SSP3 - Stalled Development	2.8%	3.2%	4.2%	5.7%	6.6%	7.8%	11.1
Proportion below age 20							
SSP1 - Rapid Development	51.2%	49.0%	41.4%	31.5%	27.2%	21.5%	15.1
SSP2 - CEPAM Zero Migration	51.2%	49.7%	45.5%	38.1%	34.4%	29.6%	23.4
SSP2 - CEPAM Medium	51.2%	49.8%	45.6%	38.4%	34.7%	29.8%	23.5
SSP2 - CEPAM Double Migration	51.2%	49.9%	45.8%	38.7%	35.0%	30.0%	23.5
SSP3 - Stalled Development	51.2%	50.3%	48.6%	43.5%	40.6%	36.1%	30.9
Proportion of women age 20-				43.570	40.070	30.170	30.3
SSP1 - Rapid Development	3.1%	7.8%	16.4%	50.9%	67.9%	80.7%	83.6
SSP2 - CEPAM Zero Migration	3.1%	3.2%	3.2%	5.1%	6.5%	9.1%	15.5
SSP2 - CEPAM Medium	3.1%	3.6%	3.7%	5.7%	7.1%	9.8%	16.3
SSP2 - CEPAM Double Migration							
	3.1%	4.1%	4.3%	6.4%	7.8%	10.5%	17.3
SSP3 - Stalled Development	3.1%	3.2%	2.7%	2.7%	2.6%	2.6%	2.6
Mean years of schooling, age			7.4	40.0	42.2	42.0	
SSP1 - Rapid Development	4.0	5.1	7.1	10.9	12.2	13.8	15
SSP2 - CEPAM Zero Migration	4.0	4.5	5.3	7.0	7.8	9.0	10
SSP2 - CEPAM Medium	4.0	4.6	5.5	7.2	8.0	9.1	10
SSP2 - CEPAM Double Migration	4.0	4.7	5.6	7.4	8.2	9.3	10
SSP3 - Stalled Development	4.0	4.0	4.2	4.3	4.3	4.3	4
Demographic assumptions u		\$					
	2015 2020 2						
T-4-1 f4114	2013-2020 2	020-2025 2	2030-2035	2050-2055	2060-2065	2075-2080	2095-210
SSP1 - Rapid Development	3.55	2.97	2.33	1.85	1.67	1.45	1.:
SSP1 - Rapid Development SSP2 - CEPAM Zero Migration	3.55 3.95	2.97 3.72	2.33 3.24	1.85 2.49	1.67 2.21	1.45 1.92	1.:
SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium	3.55 3.95 3.94	2.97 3.72 3.71	2.33 3.24 3.25	1.85 2.49 2.49	1.67 2.21 2.21	1.45 1.92 1.92	1.: 1.: 1.:
SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration	3.55 3.95 3.94 3.94	2.97 3.72 3.71 3.70	2.33 3.24 3.25 3.25	1.85 2.49 2.49 2.50	1.67 2.21 2.21 2.22	1.45 1.92 1.92 1.92	1.3 1.0 1.0
SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development	3.55 3.95 3.94 3.94 4.27	2.97 3.72 3.71 3.70 4.34	2.33 3.24 3.25	1.85 2.49 2.49	1.67 2.21 2.21	1.45 1.92 1.92	1.3 1.0 1.0
SSP1 - Rapid Development SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fe	3.55 3.95 3.94 3.94 4.27 emales (in year	2.97 3.72 3.71 3.70 4.34	2.33 3.24 3.25 3.25 4.09	1.85 2.49 2.49 2.50 3.15	1.67 2.21 2.21 2.22 2.78	1.45 1.92 1.92 1.92 2.46	1 1 1 2
SSP1 - Rapid Development SSP2 - CEPAM zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fe	3.55 3.95 3.94 3.94 4.27 <i>emales (in year</i>	2.97 3.72 3.71 3.70 4.34 rs)	2.33 3.24 3.25 3.25	1.85 2.49 2.49 2.50 3.15	1.67 2.21 2.21 2.22 2.78	1.45 1.92 1.92 1.92 2.46	1 1 1 2
SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fe SSP1 - Rapid Development SSP2 - CEPAM Zero Migration	3.55 3.95 3.94 3.94 4.27 emales (in year	2.97 3.72 3.71 3.70 4.34	2.33 3.24 3.25 3.25 4.09 74.3 71.4	1.85 2.49 2.49 2.50 3.15 78.7 73.6	1.67 2.21 2.21 2.22 2.78	1.45 1.92 1.92 1.92 2.46	1 1 1 2
SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fe SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium	3.55 3.95 3.94 3.94 4.27 emales (in year 70.3 69.7 69.7	2.97 3.72 3.71 3.70 4.34 rs) 71.7 70.3 70.3	2.33 3.24 3.25 3.25 4.09 74.3 71.4 71.4	1.85 2.49 2.49 2.50 3.15 78.7 73.6 73.6	1.67 2.21 2.21 2.22 2.78 80.9 74.7 74.8	1.45 1.92 1.92 1.92 2.46 84.3 76.4 76.5	1 1 1 2 888 78
SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fe SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration	3.55 3.95 3.94 3.94 4.27 emales (in year 70.3 69.7 69.7	2.97 3.72 3.71 3.70 4.34 rs) 71.7 70.3	2.33 3.24 3.25 3.25 4.09 74.3 71.4	1.85 2.49 2.49 2.50 3.15 78.7 73.6	1.67 2.21 2.21 2.22 2.78 80.9 74.7	1.45 1.92 1.92 1.92 2.46 84.3 76.4	1 1 1 2 888 78
SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP2 - CEPAM Double Migration SSP2 - Stalled Development Life expectancy at birth for fe SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration	3.55 3.95 3.94 3.94 4.27 emales (in year 70.3 69.7 69.7	2.97 3.72 3.71 3.70 4.34 rs) 71.7 70.3 70.3	2.33 3.24 3.25 3.25 4.09 74.3 71.4 71.4	1.85 2.49 2.49 2.50 3.15 78.7 73.6 73.6	1.67 2.21 2.21 2.22 2.78 80.9 74.7 74.8	1.45 1.92 1.92 1.92 2.46 84.3 76.4 76.5	1 1 1 1 2 88 78 78
SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP3 - Stalled Development SSP3 - Stalled Development SSP1 - Rapid Development SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development	3.55 3.95 3.94 3.94 4.27 2.27 2.27 2.27 2.27 2.27 2.27 2.2	2.97 3.72 3.71 3.70 4.34 71.7 70.3 70.3 70.3 69.1	2.33 3.24 3.25 3.25 4.09 74.3 71.4 71.4 71.5	1.85 2.49 2.49 2.50 3.15 78.7 73.6 73.6 73.7	1.67 2.21 2.21 2.22 2.78 80.9 74.7 74.8 74.8	1.45 1.92 1.92 1.92 2.46 84.3 76.4 76.5 76.5	1 1 1 1 2 88 78 78
SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fe SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Migration — net flow over fiv	3.55 3.95 3.94 3.94 4.27 2.27 2.27 2.27 2.27 2.27 2.27 2.2	2.97 3.72 3.71 3.70 4.34 71.7 70.3 70.3 70.3 69.1	2.33 3.24 3.25 3.25 4.09 74.3 71.4 71.4 71.5	1.85 2.49 2.49 2.50 3.15 78.7 73.6 73.6 73.7	1.67 2.21 2.21 2.22 2.78 80.9 74.7 74.8 74.8	1.45 1.92 1.92 1.92 2.46 84.3 76.4 76.5 76.5	1 1 1 1 2 888 78 78 666
SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fe SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Migration — net flow over fiv Migration — net flow over fiv	3.55 3.95 3.94 3.94 4.27 70.3 69.7 69.7 69.7 69.7 69.2 re years (in the	2.97 3.72 3.71 3.70 4.34 rs) 71.7 70.3 70.3 69.1 pusands)	2.33 3.24 3.25 3.25 4.09 74.3 71.4 71.5 68.9	1.85 2.49 2.49 2.50 3.15 78.7 73.6 73.6 73.7 68.3	1.67 2.21 2.21 2.22 2.78 80.9 74.7 74.8 74.8 67.9	1.45 1.92 1.92 1.92 2.46 84.3 76.4 76.5 76.5	1 1 1 1 2 888 788 788 786 66
SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fe SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Migration — net flow over fiv SSP1 - Rapid Development SSP1 - Rapid Development SSP2 - CEPAM Zero Migration	3.55 3.95 3.94 3.94 4.27 70.3 69.7 69.7 69.7 69.2 49.2 (in the	2.97 3.72 3.71 3.70 4.34 rs) 71.7 70.3 70.3 69.1 pusands) -59.1	2.33 3.24 3.25 3.25 4.09 74.3 71.4 71.5 68.9	1.85 2.49 2.49 2.50 3.15 78.7 73.6 73.6 73.7 68.3	1.67 2.21 2.21 2.22 2.78 80.9 74.7 74.8 67.9	1.45 1.92 1.92 1.92 2.46 84.3 76.4 76.5 67.3	1.: 1.4 1.: 1.: 2.: 88 78 78 66
SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fe SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Migration — net flow over fiv SSP1 - Rapid Development SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Zero Migration SSP3 - Stalled Development	3.55 3.95 3.94 4.27 70.3 69.7 69.7 69.7 69.2 re years (in the	2.97 3.72 3.71 3.70 4.34 rs) 71.7 70.3 70.3 69.1 pusands) -59.1 0.0	2.33 3.24 3.25 3.25 4.09 74.3 71.4 71.4 71.5 68.9	1.85 2.49 2.49 2.50 3.15 78.7 73.6 73.6 73.7 68.3	1.67 2.21 2.21 2.22 2.78 80.9 74.7 74.8 67.9	1.45 1.92 1.92 1.92 2.46 84.3 76.4 76.5 76.5 67.3	1.1.1.6.1.6.1.6.1.6.1.6.1.6.1.6.1.6.1.6
SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fe SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Migration - net flow over fiv SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Zero Migration SSP3 - Stalled Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium	3.55 3.95 3.94 4.27 2males (in year 70.3 69.7 69.7 69.7 69.2 2e years (in tho	2.97 3.72 3.71 3.70 4.34 rs) 71.7 70.3 70.3 70.3 69.1 00sands) -59.1 0.0 -61.1	2.33 3.24 3.25 3.25 4.09 74.3 71.4 71.5 68.9 -83.0 0.0	1.85 2.49 2.49 2.50 3.15 78.7 73.6 73.7 68.3 -129.9 0.0	1.67 2.21 2.21 2.22 2.78 80.9 74.7 74.8 67.9 -144.4 0.0	1.45 1.92 1.92 1.92 2.46 84.3 76.4 76.5 76.5 67.3	1.1.1.6.1.6.1.6.1.6.1.6.1.6.1.6.1.6.1.6
SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fe SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Zero Migration SSP2 - CEPAM Double Migration SSP3 - Stalled Development Migration - net flow over fiv SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Medium SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development	3.55 3.95 3.94 4.27 emales (in year 70.3 69.7 69.7 69.7 69.2 ee years (in the -45.3 -90.6 -30.2	2.97 3.72 3.71 3.70 4.34 rs) 71.7 70.3 70.3 70.3 69.1 0.0 -61.1 -121.3 -20.8	2.33 3.24 3.25 3.25 4.09 74.3 71.4 71.5 68.9 -83.0 0.0 -95.0	1.85 2.49 2.50 3.15 78.7 73.6 73.7 68.3 -129.9 0.0 -166.9 -312.9	1.67 2.21 2.21 2.22 2.78 80.9 74.7 74.8 67.9 -144.4 0.0 -196.6	1.45 1.92 1.92 2.46 84.3 76.4 76.5 76.5 67.3	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.
Total fertility rate SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Double Migration SSP3 - Stalled Development Life expectancy at birth for fe SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Zero Migration SSP2 - CEPAM Double Migration SSP3 - Stalled Development Migration — net flow over fiv SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP3 - Stalled Development SSP2 - CEPAM Zero Migration SSP3 - Stalled Development SSP4 - CEPAM Medium SSP5 - CEPAM Double Migration SSP3 - Stalled Development Ageing indicators, CEPAM Medium	3.55 3.95 3.94 4.27 emales (in year 70.3 69.7 69.7 69.7 69.2 ee years (in the -45.3 -90.6 -30.2	2.97 3.72 3.71 3.70 4.34 rs) 71.7 70.3 70.3 70.3 69.1 0.0 -61.1 -121.3 -20.8	2.33 3.24 3.25 3.25 4.09 74.3 71.4 71.5 68.9 -83.0 0.0 -95.0	1.85 2.49 2.50 3.15 78.7 73.6 73.7 68.3 -129.9 0.0 -166.9 -312.9	1.67 2.21 2.21 2.22 2.78 80.9 74.7 74.8 67.9 -144.4 0.0 -196.6	1.45 1.92 1.92 2.46 84.3 76.4 76.5 76.5 67.3	2095-210 1.2 1.6 1.6 2.2 88 78 78 66 -145 0 -238 -396 -0

2.8%

3.3%

4.5%

7.0%

8.9%

12.0%

17.1%