Vietnam

Detailed Human Capital projections to 2060

	2015	2020	2030	2040	2050	2060
Population (in millions)	93.57	97.89	103.80	106.17	106.33	103.80
Proportion age 65+	6.7%	8.1%	12.7%	17.8%	23.4%	29.9%
Proportion below age 20	30.6%	29.5%	26.5%	21.6%	18.9%	17.5%
	2015-2020	2020-2025	2030-2035	2040-2045	2050-2055	2055-2060
Total Fertility Rate	1.85	1.74	1.61	1.51	1.46	1.45
Life expectancy at birth (in years)						
Male	71.9	73.1	75.7	78.2	80.7	82.0
Female	81.1	82.1	83.9	85.8	87.7	89.6
Five-year net-migration flow (in thousands)	-348.1	-363.7	-383.4	-388.7	-385.5	-380.4

Human Capital indicators, CEPAM Med	lium Scenario ((SSP2)				
	2015	2020	2030	2040	2050	2060
Population age 25+: highest education	al attainment	(columns su	ım to 100%)		
E1 - no education	5.8%	4.9%	3.9%	3.0%	2.4%	1.8%
E2 - incomplete primary	15.8%	13.6%	10.4%	7.7%	5.6%	4.0%
E3 - primary	28.7%	27.5%	25.5%	22.6%	19.2%	15.9%
E4 - lower secondary	30.6%	32.1%	33.6%	33.6%	32.4%	30.5%
E5 - upper secondary	11.0%	12.7%	15.5%	18.9%	22.4%	25.7%
E6 - post-secondary	8.1%	9.2%	11.2%	14.2%	18.0%	22.1%
Mean years of schooling (in years)	7.4	7.8	8.4	9.1	9.8	10.4
Gender gap (population age 25+): high	est educationa	ıl attainme	nt (ratio m	ale/female)		
E1 - no education	0.48	0.52	0.60	0.68	0.72	0.76
E2 - incomplete primary	0.69	0.70	0.76	0.82	0.88	0.94
E3 - primary	1.05	1.04	1.03	1.04	1.05	1.07
E4 - lower secondary	1.14	1.11	1.07	1.06	1.06	1.09
E5 - upper secondary	1.27	1.21	1.13	1.09	1.08	1.08
E6 - post-secondary	1.22	1.11	0.99	0.90	0.84	0.80
Mean years of schooling	0.4	0.3	0.2	0.1	0.0	-0.1
(male minus female)						
Women age 20-39: highest educationa	l attainment (d	columns sui	n to 100%)			
E1 - no education	3.6%	2.9%	1.7%	1.0%	0.5%	0.2%
E2 - incomplete primary	8.4%	6.3%	2.9%	1.5%	0.7%	0.3%
E3 - primary	26.6%	23.0%	16.7%	11.5%	6.9%	3.4%
E4 - lower secondary	33.0%	34.6%	35.7%	31.0%	25.6%	19.1%
E5 - upper secondary	17.1%	20.1%	26.4%	32.4%	36.9%	40.3%
E6 - post-secondary	11.3%	13.1%	16.6%	22.5%	29.3%	36.7%
Mean years of schooling (in years)	8.6	9.3	10.4	11.5	12.4	13.2

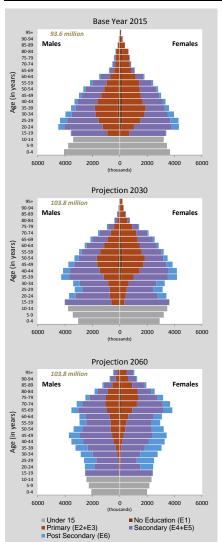
Education scenarios

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

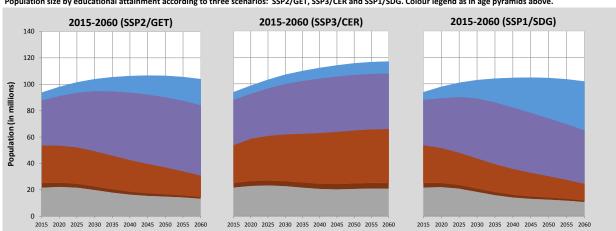
SSP3/CER: Constant Enrollment Rates Scenario (assumption of no future improvements)

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

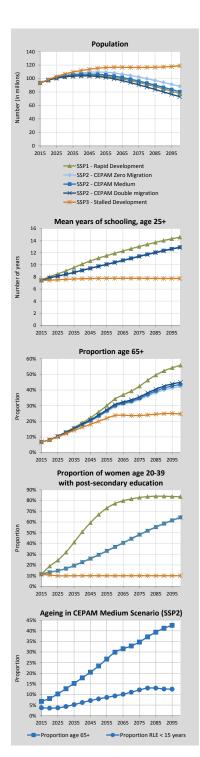
Pyramids by education, CEPAM Medium Scenario



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



Vietnam (Continued)



Alternative Scenarios to 2100

Proportion age 65+

6.7%

8.1%

12.7%

29.9%

34.7%

42.6%

Projection Results by Scenar							
Population (in millions)	2015	2020	2030	2050	2060	2075	210
SSP1 - Rapid Development	93.57	97.68	102.70	104.28	101.69	94.27	77.5
SSP2 - CEPAM Zero Migration	93.57	98.27	105.08	109.67	108.23	102.30	88.6
SSP2 - CEPAM Medium	93.57	97.89	103.80	106.33	103.80	96.33	80.5
SSP2 - CEPAM Double Migration	93.57	97.52	102.52	103.06	99.52	90.65	73.0
SSP3 - Stalled Development	93.57	98.48	106.78	115.36	116.75	116.52	118.9
Proportion age 65+							
SSP1 - Rapid Development	6.7%	8.2%	13.1%	25.9%	34.3%	42.4%	55.89
SSP2 - CEPAM Zero Migration	6.7%	8.1%	12.6%	22.9%	29.2%	33.9%	42.2
SSP2 - CEPAM Medium	6.7%	8.1%	12.7%	23.4%	29.9%	34.7%	43.5
SSP2 - CEPAM Double Migration	6.7%	8.1%	12.8%	24.0%	30.6%	35.6%	44.9
SSP3 - Stalled Development	6.7%	8.0%	12.1%	20.0%	23.7%	23.7%	24.7
Proportion below age 20							
SSP1 - Rapid Development	30.6%	29.2%	25.3%	16.3%	14.6%	11.5%	9.5
SSP2 - CEPAM Zero Migration	30.6%	29.4%	26.5%	19.1%	17.7%	15.4%	14.1
SSP2 - CEPAM Medium	30.6%	29.5%	26.5%	18.9%	17.5%	15.1%	13.8
SSP2 - CEPAM Double Migration	30.6%	29.5%	26.5%	18.8%	17.4%	14.8%	13.4
SSP3 - Stalled Development	30.6%	29.8%	28.4%	23.6%	23.7%	23.3%	25.1
Proportion of women age 20							
SSP1 - Rapid Development	11.3%	18.8%	31.7%	66.9%	77.2%	82.8%	83.6
SSP2 - CEPAM Zero Migration	11.3%	13.1%	16.6%	29.4%	36.8%	48.2%	64.4
SSP2 - CEPAM Medium	11.3%	13.1%	16.6%	29.3%	36.7%	48.2%	64.3
SSP2 - CEPAM Double Migration	11.3%	13.1%	16.6%	29.3%	36.7%	48.2%	64.2
SSP3 - Stalled Development	11.3%	10.5%	9.8%	9.9%	9.8%	9.9%	9.9
Mean years of schooling, ag		10.570	3.070	3.370	3.070	3.570	5.5
SSP1 - Rapid Development	7.4	8.0	9.0	11.1	11.9	13.0	14
SSP2 - CEPAM Zero Migration	7.4	7.8	8.4	9.8	10.4	11.4	13
SSP2 - CEPAM Medium	7.4	7.8	8.4	9.8	10.4	11.4	12
SSP2 - CEPAM Double Migration	7.4	7.8	8.4	9.7	10.4	11.4	12
SSP3 - Stalled Development	7.4	7.5	7.6	7.8	7.8	7.8	7
							-
Demographic assumptions u	nderlying SS	Ps					
	2015-2020	2020-2025	2030-2035	2050-2055	2060-2065	2075-2080	2095-210
Total fertility rate							
SSP1 - Rapid Development	1.77	1.58	1.38	1.24	1.24	1.28	1.3
SSP2 - CEPAM Zero Migration	1.85	1.74	1.61	1.46	1.45	1.48	1.5
SSP2 - CEPAM Medium	1.85	1.74	1.61	1.46	1.45	1.48	1.5
SSP2 - CEPAM Double Migration	4.05						1.5
	1.85	1.74	1.61	1.46	1.45	1.48	1
	1.85			1.46 1.98	1.45 2.04	1.48 2.17	
SSP3 - Stalled Development	1.99	1.74 1.99	1.61				
SSP3 - Stalled Development Life expectancy at birth for f	1.99	1.74 1.99	1.61				2.3
SSP3 - Stalled Development L ife expectancy at birth for f i SSP1 - Rapid Development	1.99 emales (in ye	1.74 1.99 ars)	1.61 2.00	1.98	2.04	2.17	105
SSP3 - Stalled Development L ife expectancy at birth for f i SSP1 - Rapid Development SSP2 - CEPAM Zero Migration	1.99 emales (in ye 81.6	1.74 1.99 ars) 83.1	1.61 2.00 86.1	1.98 91.9	94.8	99.2	2.5 105 96
SSP3 - Stalled Development Life expectancy at birth for fi SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium	1.99 emales (in ye 81.6 81.1	1.74 1.99 ars) 83.1 82.1	1.61 2.00 86.1 83.9	91.9 87.7	94.8 89.6	99.2 92.4	2.3 105 96 96
SSP3 - Stalled Development Life expectancy at birth for for SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration	1.99 emales (in ye 81.6 81.1 81.1	1.74 1.99 ars) 83.1 82.1	1.61 2.00 86.1 83.9 83.9	91.9 87.7 87.7	94.8 89.6 89.6	99.2 92.4 92.4	2.3 105 96 96
SSP3 - Stalled Development Life expectancy at birth for for SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development	1.99 emales (in ye 81.6 81.1 81.1 81.1 80.5	1.74 1.99 ars) 83.1 82.1 82.1 80.9	1.61 2.00 86.1 83.9 83.9 83.9	91.9 87.7 87.7 87.7	94.8 89.6 89.6 89.6	99.2 92.4 92.4 92.4	2.3 105 96 96
SSP3 - Stalled Development Life expectancy at birth for for SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Double Migration SSP3 - Stalled Development Migration — net flow over file	1.99 emales (in ye 81.6 81.1 81.1 81.1 80.5 ve years (in t	1.74 1.99 ars) 83.1 82.1 82.1 82.1 80.9 housands)	1.61 2.00 86.1 83.9 83.9 83.9	91.9 87.7 87.7 87.7 83.0	94.8 89.6 89.6 89.6	99.2 92.4 92.4 92.4 84.5	2.3 105 96 96 96 85
SSP3 - Stalled Development Life expectancy at birth for for 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	1.99 emales (in ye 81.6 81.1 81.1 81.1 80.5 ve years (in ti	1.74 1.99 ars) 83.1 82.1 82.1 82.1 80.9 housands)	1.61 2.00 86.1 83.9 83.9 83.9 81.6	91.9 87.7 87.7 87.7 83.0	94.8 89.6 89.6 89.6 83.6	99.2 92.4 92.4 92.4 84.5	2.5 105 96 96 96 85
SSP3 - Stalled Development Life expectancy at birth for fi SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Double Migration SSP3 - Stalled Development Migration - net flow over fit SSP1 - Rapid Development SSP2 - CEPAM Zero Migration	1.99 81.6 81.1 81.1 81.1 80.5 ve years (in ti	1.74 1.99 ars) 83.1 82.1 82.1 82.1 80.9 housands) -363.5 0.0	1.61 2.00 86.1 83.9 83.9 83.9 81.6	1.98 91.9 87.7 87.7 87.7 83.0	2.04 94.8 89.6 89.6 83.6 -369.8 0.0	99.2 92.4 92.4 92.4 84.5 -339.3 0.0	2.3 105 96 96 96 85
SSP3 - Stalled Development Life expectancy at birth for fi SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP3 - Stalled Development Migration - net flow over fi SSP3 - Rapid Development SSP3 - Rapid Development SSP3 - Rapid Development SSP3 - Rapid Development SSP3 - CEPAM Zero Migration SSP3 - CEPAM Zero Migration	1.99 81.6 81.1 81.1 81.1 80.5 ve years (in ti -348.4 0.0 -348.1	1.74 1.99 83.1 82.1 82.1 82.1 80.9 housands) -363.5 0.0 -363.7	1.61 2.00 86.1 83.9 83.9 81.6 -380.9 0.0	1.98 91.9 87.7 87.7 87.7 83.0 -381.7 0.0 -385.5	2.04 94.8 89.6 89.6 83.6 -369.8 0.0 -372.9	99.2 92.4 92.4 92.4 84.5 -339.3 0.0	2.3 105 96 96 96 85 -288 0
SSP3 - Stalled Development Life expectancy at birth for fi SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Double Migration SSP3 - Stalled Development Migration — net flow over fit SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Double Migration SSP2 - CEPAM Medium	1.99 emales (in ye 81.6 81.1 81.1 81.1 80.5 eve years (in ti -348.4 0.0 -348.1 -696.1	1.74 1.99 83.1 82.1 82.1 82.1 80.9 housands) -363.5 0.0 -363.7 -724.5	1.61 2.00 86.1 83.9 83.9 81.6 -380.9 0.0 -383.4 -757.1	1.98 91.9 87.7 87.7 83.0 -381.7 0.0 -385.5 -746.1	2.04 94.8 89.6 89.6 89.6 83.6 -369.8 0.0 -372.9 -713.2	2.17 99.2 92.4 92.4 92.4 84.5 -339.3 0.0 -341.5 -640.1	2.3 105 96 96 96 85 -288 0 -293 -533
SSP3 - Stalled Development Life expectancy at birth for fi SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Double Migration SSP3 - Stalled Development Migration — net flow over fit SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Double Migration SSP2 - CEPAM Medium	1.99 81.6 81.1 81.1 81.1 80.5 ve years (in ti -348.4 0.0 -348.1	1.74 1.99 83.1 82.1 82.1 82.1 80.9 housands) -363.5 0.0 -363.7	1.61 2.00 86.1 83.9 83.9 81.6 -380.9 0.0	1.98 91.9 87.7 87.7 87.7 83.0 -381.7 0.0 -385.5	2.04 94.8 89.6 89.6 83.6 -369.8 0.0 -372.9	99.2 92.4 92.4 92.4 84.5 -339.3 0.0	2.3 105 96 96 96 85 -288 0 -293 -533
SSP3 - Stalled Development Life expectancy at birth for fi SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Development SSP3 - Stalled Development Migration - net flow over fil SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP2 - CEPAM Development SSP3 - Stalled Development	1.99 emales (in ye 81.6 81.1 81.1 81.1 80.5 ve years (in ti -348.4 696.1 -232.0	1.74 1.99 ars) 83.1 82.1 82.1 82.1 80.9 housands) -363.5 0.0 -363.7 -724.5	1.61 2.00 86.1 83.9 83.9 81.6 -380.9 0.0 -383.4 -757.1	1.98 91.9 87.7 87.7 83.0 -381.7 0.0 -385.5 -746.1	2.04 94.8 89.6 89.6 89.6 83.6 -369.8 0.0 -372.9 -713.2	2.17 99.2 92.4 92.4 92.4 84.5 -339.3 0.0 -341.5 -640.1	2.3 105 96 96 96 85 -288 0 -293 -533
SSP3 - Stalled Development Life expectancy at birth for fit SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP3 - Stalled Development Migration - net flow over fit SSP1 - Rapid Development SSP1 - Rapid Development SSP2 - CEPAM Medium SSP2 - CEPAM Medium SSP3 - Stalled Development SSP3 - Stalled Development SSP3 - Stalled Development	1.99 emales (in ye 81.6 81.1 81.1 81.1 80.5 ev years (in ti -348.4 0.0 -348.1 -696.1 -232.0 edium Scena	1.74 1.99 ars) 83.1 82.1 82.1 82.1 80.9 housands) -363.5 0.0 -363.7 -724.5 -122.0	1.61 2.00 86.1 83.9 83.9 81.6 -380.9 0.0 -383.4 -757.1 -0.4	1.98 91.9 87.7 87.7 83.0 -381.7 0.0 -385.5 -746.1 -0.4	2.04 94.8 89.6 89.6 89.6 83.6 -369.8 0.0 -372.9 -713.2 -0.4	2.17 99.2 92.4 92.4 84.5 -339.3 0.0 -341.5 -640.1 -0.4	2.3 105 96 96 96 85 -288 0 -293 -533
SSP3 - Stalled Development Life expectancy at birth for for for SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP2 - CEPAM Medium SSP3 - Stalled Development Migration - net flow over fit SSP1 - Rapid Development Migration - Net flow over fit SSP1 - Rapid Development SSP2 - CEPAM Zero Migration SSP3 - Stalled Development SSP3 - Stalled Development Ageing indicators, CEPAM Median age	1.99 emales (in ye 81.6 81.1 81.1 81.1 80.5 ev eyears (in ti -348.4 0.0 -348.1 -696.1 -232.0	1.74 1.99 ars) 83.1 82.1 82.1 82.9 housands) -363.5 0.0 -363.7 -724.5 -122.0	1.61 2.00 86.1 83.9 83.9 81.6 -380.9 0.0 -383.4 -757.1 -0.4	1.98 91.9 87.7 87.7 83.0 -381.7 0.0 -385.5 -746.1 -0.4	2.04 94.8 89.6 89.6 89.6 83.6 -369.8 0.0 -372.9 -713.2	2.17 99.2 92.4 92.4 92.4 84.5 -339.3 0.0 -341.5 -640.1 -0.4	-