


Demographic and Human Development Indicators

Switzerland (Males 1900-2005)																			
Human Development Stages																			
Age Groups estimated with the Health State Methodology (Years)																			
1900	0	INFANCY	12.4	PRE	15.5	EARLY	17.0	MIDDLE	19.0	LATE	20.7	ADULT	22.6	MIDDLE	25.0	ADULT	29.4	EARLY	73.5
1930	0	INFANCY	10.5	PRE	14.4	EARLY	16.5	MIDDLE	19.2	LATE	21.6	ADULT	24.3	MIDDLE	27.7	ADULT	33.0	EARLY	75.0
1940	0	INFANCY	9.8	PRE	13.7	EARLY	16.0	MIDDLE	18.9	LATE	21.3	ADULT	24.1	MIDDLE	27.7	ADULT	34.3	EARLY	76.3
1950	0	INFANCY	9.1	PRE	13.0	EARLY	15.6	MIDDLE	19.0	LATE	21.9	ADULT	25.2	MIDDLE	29.4	ADULT	34.8	EARLY	77.5
1960	0	INFANCY	10.7	PRE	14.5	EARLY	16.4	MIDDLE	18.8	LATE	20.9	ADULT	23.3	MIDDLE	26.3	ADULT	34.3	EARLY	78.4
1970	0	INFANCY	9.5	PRE	13.5	EARLY	15.7	MIDDLE	18.4	LATE	20.8	ADULT	23.5	MIDDLE	27.0	ADULT	35.0	EARLY	78.6
1980	0	INFANCY	9.7	PRE	13.9	EARLY	16.1	MIDDLE	18.9	LATE	21.3	ADULT	24.1	MIDDLE	27.6	ADULT	35.9	EARLY	80.5
1990	0	INFANCY	8.4	PRE	12.9	EARLY	15.9	MIDDLE	19.7	LATE	22.9	ADULT	26.6	MIDDLE	31.3	ADULT	38.3	EARLY	82.4
2000	0	INFANCY	8.1	PRE	12.2	EARLY	15.0	MIDDLE	18.5	LATE	21.5	ADULT	25.1	MIDDLE	29.5	ADULT	38.3	EARLY	84.5
2005	0	INFANCY	9.0	PRE	13.0	EARLY	15.2	MIDDLE	18.1	LATE	20.5	ADULT	23.3	MIDDLE	26.9	ADULT	38.2	EARLY	85.8

Switzerland (Females 1900-2005)																			
1900	0	INFANCY	9.6	PRE	12.6	EARLY	16.0	MIDDLE	20.2	LATE	23.9	ADULT	28.1	MIDDLE	33.4	ADULT	36.3	EARLY	74.8
1930	0	INFANCY	8.9	PRE	13.1	EARLY	16.0	MIDDLE	19.8	LATE	23.0	ADULT	26.8	MIDDLE	31.5	ADULT	37.4	EARLY	77.4
1940	0	INFANCY	9.1	PRE	12.9	EARLY	16.1	MIDDLE	20.2	LATE	23.8	ADULT	27.9	MIDDLE	33.0	ADULT	38.2	EARLY	78.7
1950	0	INFANCY	10.5	PRE	12.5	EARLY	16.0	MIDDLE	20.4	LATE	24.2	ADULT	28.7	MIDDLE	34.2	ADULT	37.8	EARLY	80.2
1960	0	INFANCY	10.0	PRE	13.0	EARLY	15.0	MIDDLE	17.5	LATE	19.7	ADULT	22.2	MIDDLE	25.4	ADULT	38.1	EARLY	81.9
1970	0	INFANCY	9.3	PRE	12.4	EARLY	14.3	MIDDLE	16.8	LATE	19.0	ADULT	21.4	MIDDLE	24.5	ADULT	39.4	EARLY	83.1
1980	0	INFANCY	9.2	PRE	12.7	EARLY	14.7	MIDDLE	17.2	LATE	19.4	ADULT	21.9	MIDDLE	25.1	ADULT	41.3	EARLY	85.5
1990	0	INFANCY	8.8	PRE	12.1	EARLY	14.3	MIDDLE	17.1	LATE	19.5	ADULT	22.3	MIDDLE	25.8	ADULT	43.7	EARLY	87.4
2000	0	INFANCY	8.3	PRE	11.2	EARLY	13.2	MIDDLE	15.7	LATE	17.9	ADULT	20.4	MIDDLE	23.5	ADULT	45.3	EARLY	88.8
2005	0	INFANCY	8.1	PRE	11.1	EARLY	12.9	MIDDLE	15.3	LATE	17.4	ADULT	19.7	MIDDLE	22.7	ADULT	45.5	EARLY	89.5

Switzerland (Males 1900-2005)													
Healthy Life Expectancy at Birth (HLEB) & Loss of Healthy Life Years (LHLY)										Expected Healthy Age		Total Health State	
	LHLY1	LHLY3	LHLY Light	LHLY Total	HLEB Total	HLEB Moderate & Severe	HLEB Severe	LEB from Data	LEB from Fit	From Data	From Fit	From Data	From Fit
1900	6.1	12.4	0.6	13.0	34.3	34.9	41.2	47.3	47.5	33.6	33.5	723	715
1930	6.2	11.0	2.6	13.6	45.2	47.8	52.6	58.8	58.8	34.7	34.5	820	813
1940	6.3	11.0	3.2	14.2	47.7	50.9	55.7	62.0	62.0	35.5	35.4	889	880
1950	6.6	10.3	3.4	13.8	52.3	55.7	59.4	66.0	66.1	35.8	35.9	942	941
1960	6.1	8.9	4.7	13.6	54.8	59.5	62.4	68.4	68.6	36.3	36.2	985	973
1970	6.2	8.9	4.3	13.1	56.8	61.1	63.7	69.9	70.2	36.5	36.4	1002	996
1980	6.4	8.7	5.7	14.4	57.8	63.5	65.9	72.2	72.5	37.5	37.3	1058	1046
1990	6.6	8.9	6.9	15.8	58.2	65.0	67.3	74.0	74.2	38.5	38.3	1107	1096
2000	7.0	8.9	8.2	17.1	59.8	68.0	69.9	76.9	77.2	39.4	39.5	1186	1186
2005	7.3	9.1	9.1	18.2	60.3	69.4	71.2	78.5	78.8	40.2	40.3	1250	1244

Switzerland (Males 1900-2005)												
Human Deterioration Stages												
Human Development Age Groups based on the Deterioration Function (Years)												
37.2												
37.0												
36.3												
37.7												
38.8												
38.8												
39.2												
39.7												
40.0												
40.0												

Switzerland (Females 1900-2005)													
1900	7.3	14.9	-	14.7	35.6	35.4	42.9	50.2	49.8	34.9	35.1	780	779
1930	6.8	11.8	3.4	15.2	47.3	50.7	55.7	62.5	62.5	36.2	36.4	907	905
1940	6.8	11.0	4.3	15.3	50.8	55.1	59.3	66.1	66.2	37.1	37.1	984	980
1950	6.7	10.0	5.8	15.8	54.7	60.5	63.8	70.5	70.7	37.7	37.6	1070	1065
1960	7.3	10.4	6.1	16.5	57.5	63.6	66.7	74.0	74.3	38.6	38.6	1159	1157
1970	6.7	9.3	8.1	17.3	58.6	66.7	69.2	75.9	76.3	39.3	39.3	1202	1202
1980	7.5	9.9	8.8	18.7	60.1	68.9	71.4	78.8	79.2	40.5	40.7	1278	1280
1990	8.4	10.4	10.0	20.4	60.4	70.4	72.4	80.8	81.1	41.8	41.8	1350	1342
2000	9.0	10.7	10.6	21.4	61.3	71.9	73.7	82.6	82.9	42.5	42.5	1417	1402
2005	8.9	10.3	11.1	21.5	62.1	73.3	74.7	83.6	83.9	42.7	42.9	1436	1436

Switzerland (Females 1900-2005)												
34.3												
35.2												
35.0												
36.2												
36.1												
35.7												
37.3												
38.4												
39.3												
39.4												

Theory developed by: C. H. Skiadas and C. Skiadas, *The Health State Function of a Population*, (2nd Ed., January 2013)

http://www.amazon.com/Health-State-Function-Population/dp/6188046505/ref=sr_1_1?s=books&ie=UTF8&qid=1364343495&sr=1-1