


Demographic and Human Development Indicators

Austria (Males 1950-2005)																					
																					
																		Human Development Stages			
Age Groups estimated with the Health State Methodology (Years)																					
1950	0		9.4		13.3		15.7		18.7		21.3		24.3		28.1		33.8		77.1		VERY OLD
1960	0	INFANCIAL	8.0	ADOLESCENCE	12.4	ADOLESCENCE	15.2	MIDDLE	18.9	ADOLESCENCE	22.0	ADOLESCENCE	25.6	MIDDLE	30.1	ADOLESCENCE	34.8	MIDDLE	76.8		VERY OLD
1970	0	ADOLESCENCE	7.8	ADOLESCENCE	12.1	ADOLESCENCE	15.4	MIDDLE	19.7	ADOLESCENCE	23.3	ADOLESCENCE	27.5	MIDDLE	32.8	ADOLESCENCE	36.1	MIDDLE	76.1		OLD
1980	0	ADOLESCENCE	9.6	ADOLESCENCE	13.5	ADOLESCENCE	15.4	MIDDLE	17.8	ADOLESCENCE	19.9	ADOLESCENCE	22.3	MIDDLE	25.3	ADOLESCENCE	33.4	MIDDLE	78.6		OLD
1990	0	ADOLESCENCE	10.3	ADOLESCENCE	14.0	ADOLESCENCE	15.8	MIDDLE	18.2	ADOLESCENCE	20.2	ADOLESCENCE	22.4	MIDDLE	25.4	ADOLESCENCE	33.4	MIDDLE	81.0		ADOLESCENCE
2000	0	ADOLESCENCE	9.6	ADOLESCENCE	13.5	ADOLESCENCE	15.5	MIDDLE	18.1	ADOLESCENCE	20.2	ADOLESCENCE	22.8	MIDDLE	26.0	ADOLESCENCE	34.8	MIDDLE	83.1		ADOLESCENCE
2005	0	ADOLESCENCE	10.0	ADOLESCENCE	13.6	ADOLESCENCE	15.4	MIDDLE	17.7	ADOLESCENCE	19.7	ADOLESCENCE	21.9	MIDDLE	24.8	ADOLESCENCE	35.1	MIDDLE	84.5		ADOLESCENCE

Austria (Females 1950-2005)																					
1950	0		8.9		12.0		15.3		19.5		23.0		27.2		32.4		38.2		79.9		VERY OLD
1960	0	INFANCIAL	-	ADOLESCENCE	-	ADOLESCENCE	-	MIDDLE	-	ADOLESCENCE	-	ADOLESCENCE	-	MIDDLE	-	ADOLESCENCE	-	MIDDLE	81.3		VERY OLD
1970	0	ADOLESCENCE	9.8	ADOLESCENCE	12.9	ADOLESCENCE	14.6	MIDDLE	16.7	ADOLESCENCE	18.6	ADOLESCENCE	20.7	MIDDLE	23.4	ADOLESCENCE	37.7	MIDDLE	81.5		OLD
1980	0	ADOLESCENCE	10.0	ADOLESCENCE	13.1	ADOLESCENCE	14.6	MIDDLE	16.6	ADOLESCENCE	18.3	ADOLESCENCE	20.2	MIDDLE	22.7	ADOLESCENCE	38.9	MIDDLE	83.2		OLD
1990	0	ADOLESCENCE	11.0	ADOLESCENCE	13.8	ADOLESCENCE	15.1	MIDDLE	16.9	ADOLESCENCE	18.3	ADOLESCENCE	20.0	MIDDLE	22.1	ADOLESCENCE	40.2	MIDDLE	85.4		ADOLESCENCE
2000	0	ADOLESCENCE	7.1	ADOLESCENCE	10.1	ADOLESCENCE	12.2	MIDDLE	14.9	ADOLESCENCE	17.2	ADOLESCENCE	19.8	MIDDLE	23.2	ADOLESCENCE	42.1	MIDDLE	87.3		ADOLESCENCE
2005	0	ADOLESCENCE	8.8	ADOLESCENCE	11.9	ADOLESCENCE	13.5	MIDDLE	15.6	ADOLESCENCE	17.4	ADOLESCENCE	19.5	MIDDLE	22.1	ADOLESCENCE	43.6	MIDDLE	88.0		ADOLESCENCE

Austria (Males 1950-2005)													
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
1950	6.2	9.8	4.0	13.8	48.1	52.1	55.7	61.9	61.9	35.6	35.5	909	901
1960	5.9	9.2	2.8	12.0	53.5	56.3	59.6	65.5	65.7	35.2	35.2	925	919
1970	5.9	9.3	3.0	12.3	54.3	57.4	60.8	66.6	66.4	34.8	35.3	918	924
1980	6.2	9.9	5.0	14.9	54.0	59.0	62.7	68.9	69.0	36.1	36.3	982	981
1990	5.8	8.4	6.6	15.0	57.0	63.7	66.2	72.0	72.3	37.3	37.2	1055	1042
2000	6.0	8.2	8.3	16.5	58.5	66.8	69.0	75.0	75.4	38.3	38.3	1131	1124
2005	6.9	8.7	9.0	17.7	58.8	67.8	69.7	76.5	76.8	39.5	39.2	1194	1172

Austria (Males 1950-2005)													
Human Deterioration Stages													
Human Development Age Groups based on the Deterioration Function (Years)													
1950	36.7	DETERIORATION	55.3	DETERIORATION	60.0	DETERIORATION	69.0	DETERIORATION	81.2	DETERIORATION	86.2	VERY OLD	
1960	42.0	DETERIORATION	54.8	DETERIORATION	57.6	DETERIORATION	66.9	DETERIORATION	83.5	DETERIORATION	88.8	VERY OLD	
1970	38.3	FRS	47.8	SEVERE	48.6	FRS	57.1	FRS	79.3	FRS	84.6	CHRE	
1980	38.9	ROA	56.4	SEVERE	61.4	ROA	69.8	ROA	80.3	ROA	84.9	CHRE	
1990	40.4	TAE	58.4	SEVERE	63.5	TAE	72.3	TAE	83.1	TAE	87.9	CHRE	
2000	40.9	IO	59.3	SEVERE	64.5	IO	73.3	IO	84.1	IO	88.9	CHRE	
2005	40.4	ON	60.0	SEVERE	65.5	ON	73.7	ON	83.5	ON	88.1	CHRE	

Austria (Females 1950-2005)													
1950	7.4	11.5	4.4	15.8	51.1	55.4	59.5	66.9	67.1	37.7	37.7	1042	1038
1960	6.6	9.9	6.7	16.6	55.1	61.8	65.2	71.8	71.9	38.1	38.3	1116	1120
1970	6.7	9.6	6.5	16.1	57.4	63.9	66.7	73.5	73.7	38.2	38.4	1138	1143
1980	6.9	9.8	8.2	18.1	58.0	66.2	69.1	76.0	76.4	39.4	39.4	1211	1211
1990	7.7	10.0	9.4	19.4	59.4	68.8	71.1	78.7	79.0	40.5	40.4	1289	1283
2000	7.8	9.7	10.6	20.3	60.8	71.4	73.3	81.1	81.5	41.5	41.5	1357	1353
2005	7.5	9.4	11.1	20.4	61.7	72.8	74.7	82.2	82.6	41.9	42.1	1400	1396

Austria (Females 1950-2005)													
1950	36.3	DETERIORATION	54.5	DETERIORATION	59.8	DETERIORATION	67.9	DETERIORATION	78.5	DETERIORATION	83.1	VERY OLD	
1960	36.2	DETERIORATION	54.3	DETERIORATION	59.6	DETERIORATION	67.8	DETERIORATION	78.9	DETERIORATION	83.6	VERY OLD	
1970	35.8	FRS	53.4	SEVERE	58.7	FRS	67.1	FRS	79.2	FRS	84.1	CHRE	
1980	37.0	ROA	56.2	SEVERE	61.6	ROA	69.5	ROA	79.4	ROA	83.9	CHRE	
1990	38.3	TAE	58.5	SEVERE	64.0	TAE	71.6	TAE	80.8	TAE	85.1	CHRE	
2000	38.9	IO	59.7	SEVERE	65.3	IO	72.9	IO	81.8	IO	86.1	CHRE	
2005	39.0	ON	60.2	SEVERE	65.8	ON	73.1	ON	81.8	ON	86.0	CHRE	

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