


Demographic and Human Development Indicators

Czech Republic (Males 1950-2005)																				
																				
Human Development Stages																				
Age Groups estimated with the Health State Methodology (Years)																				
1950	0		8.5		12.4		15.3		19.0		22.1		25.8		30.4		34.3	76.2	VERY OLD	
1960	0	INCH	8.9	AD	13.2	ADO	15.8	ADOL	19.0	ADOL	21.8	EARLY	25.0	MID	29.0	AD	34.6	EARLY	76.0	VERY OLD
1970	0	FAEH	8.2	OL	12.6	EL	15.8	MID	19.8	OL	23.1	AD	27.1	DE	32.1	AE	35.1	74.8	OLD	VERY OLD
1980	0	NAL	9.5	PE	13.2	RS	15.2	DD	17.8	AS	20.1	AD	22.6	DE	25.9	SD	31.6	75.8	OLD	VERY OLD
1990	0	CRD	9.4	RS	13.3	LC	15.3	DL	18.0	EN	20.2	AD	22.8	DE	26.2	AL	31.4	76.1	OLD	VERY OLD
2000	0	YOH	9.5	EC	13.2	YE	15.2	LE	17.8	EN	20.1	AD	22.6	DE	25.8	GT	32.1	79.4	OLD	VERY OLD
2005	0	YOH	9.3	CE	13.0	CE	15.1	CE	17.7	CE	19.9	AD	22.5	DE	25.7	OF	32.1	81.0	OLD	VERY OLD

Czech Republic (Females 1950-2005)																				
1950	0		9.7		12.3		16.2		21.0		25.1		30.0		36.0		38.6	79.0	VERY OLD	
1960	0	INCH	10.3	AD	11.5	ADO	14.3	ADOL	18.0	ADOL	21.1	EARLY	24.7	MID	29.2	AD	37.4	80.5	VERY OLD	
1970	0	FAEH	9.1	OL	12.5	EL	14.7	MID	17.4	OL	19.8	AD	22.4	DE	25.9	AE	37.0	80.6	OLD	VERY OLD
1980	0	NAL	10.5	PE	13.2	RS	14.6	DD	16.5	AS	18.1	AD	19.8	DE	22.2	SD	36.7	81.1	OLD	VERY OLD
1990	0	CRD	10.8	RS	13.6	LC	14.9	DL	16.6	EN	18.1	AD	19.8	DE	21.9	AL	35.9	82.4	OLD	VERY OLD
2000	0	YOH	9.7	EC	12.7	YE	14.3	LE	16.4	EN	18.1	AD	20.1	DE	22.7	GT	38.4	84.2	OLD	VERY OLD
2005	0	YOH	9.2	CE	11.9	CE	13.5	CE	15.7	CE	17.5	AD	19.6	DE	22.3	OF	39.6	85.2	OLD	VERY OLD

Czech Republic (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		
1950	5.7	9.4	3.4	12.8	48.9	52.3	56.0	61.7	61.5	34.8	35.1	884	883
1960	5.9	9.1	2.9	12.0	55.1	58.0	61.2	67.1	67.3	34.9	34.9	932	927
1970	6.2	10.0	1.4	11.4	54.8	56.2	60.0	66.2	66.1	34.2	34.5	905	904
1980	6.0	9.8	2.8	12.6	54.5	57.3	61.2	67.1	67.3	34.5	34.5	930	926
1990	5.4	8.1	3.6	11.8	56.3	59.9	62.7	68.0	68.4	34.5	34.3	928	921
2000	6.0	8.5	5.1	13.6	57.9	63.0	65.5	71.5	71.9	36.5	35.9	1036	1009
2005	6.0	8.3	6.4	14.7	58.2	64.5	66.8	72.8	73.1	37.2	36.7	1072	1048

Czech Republic (Males 1950-2005)																	
Human Deterioration Stages																	
Human Development Age Groups based on the Deterioration Function (Years)																	
39.2	D	54.0	D	57.9	D	67.2	D	81.7	D	86.9	VERY OLD						
42.8	T	50.0	T	81.3	I	57.1	M	81.3	O	86.5	VERY OLD						
43.5	F	47.2	S	78.8	L	50.8	D	78.8	D	83.8	VERY OLD						
40.1	R	54.7	C	58.4	G	67.5	R	80.8	A	85.8	VERY OLD						
44.6	S	56.9	C	58.9	H	68.7	A	85.6	A	90.9	VERY OLD						
42.2	T	58.3	I	62.6	I	72.1	E	84.8	-	90.0	VERY OLD						
41.6	N	59.6	N	64.5	S	73.5	S	84.2	-	89.0	VERY OLD						

Czech Republic (Females 1950-2005)													
	LHLY1	LHLY3	LHLY Light	LHLY Total	HLEB Total	HLEB Moderate & Severe	HLEB Severe	LEB from Data	LEB from Fit	From Data	From Fit		
1950	6.4	10.2	4.7	14.8	51.8	56.4	60.2	66.6	66.4	37.1	37.2	1021	1018
1960	6.8	10.2	5.6	15.8	57.1	62.7	66.1	72.9	73.2	37.7	37.8	1120	1120
1970	6.9	10.0	5.5	15.5	57.7	63.2	66.3	73.2	73.4	37.7	37.8	1126	1127
1980	6.5	9.3	7.3	16.6	57.7	65.0	67.8	74.2	74.5	38.0	38.0	1154	1149
1990	6.7	9.2	7.6	16.8	58.8	66.3	68.9	75.6	75.8	38.5	38.4	1185	1174
2000	6.7	9.0	8.5	17.5	60.8	69.3	71.6	78.2	78.7	39.1	39.6	1240	1250
2005	7.3	9.4	9.8	19.1	60.2	69.9	72.0	79.3	79.6	40.4	40.2	1313	1290

Czech Republic (Females 1950-2005)																	
35.0	D	52.3	D	57.4	D	65.9	D	78.0	D	82.8	VERY OLD						
35.6	T	52.7	T	57.8	I	66.2	M	78.3	O	83.1	VERY OLD						
35.7	F	52.3	S	57.3	L	65.8	D	78.6	D	83.5	VERY OLD						
36.5	R	54.1	C	59.2	G	67.5	R	78.8	A	83.5	VERY OLD						
38.3	S	56.2	C	61.4	H	69.8	A	80.7	A	85.4	VERY OLD						
37.6	T	56.1	I	61.5	I	69.9	E	81.2	-	86.0	VERY OLD						
38.2	N	58.1	N	63.6	S	71.4	S	80.9	-	85.3	VERY OLD						

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