

# Demographic and Human Development Indicators

Estonia (Males 1960-2005)																				
Human Development Stages																				
Age Groups estimated with the Health State Methodology (Years)																				
1960	0	I	8.0	A	11.7	A	15.3	A	19.7	A	23.5	E	27.9	M	33.5	L	35.6	E	77.2	V
1970	0	N	8.4	D	11.5	D	15.1	O	19.7	O	23.6	A	28.1	I	33.8	A	34.2	A	77.1	R
1980	0	F	9.1	O	12.6	O	14.9	M	17.8	L	20.3	R	23.2	D	26.8	S	29.3	L	77.3	O
1990	0	A	9.3	E	13.4	E	15.8	M	18.9	L	21.5	O	24.6	D	28.4	T	31.1	M	76.1	I
2000	0	E	8.3	R	12.1	R	14.7	D	17.9	A	20.7	S	23.8	S	27.9	A	28.5	D	76.6	A
2005	0	I	9.5	C	13.6	C	16.1	D	19.2	L	21.9	T	25.0	T	28.9	O	30.4	D	77.6	G

Estonia (Females 1960-2005)																				
1960	0	I	9.9	A	11.7	A	15.1	A	19.4	A	23.1	E	27.5	M	32.9	L	39.8	E	81.9	V
1970	0	N	8.9	D	10.7	D	14.1	O	18.4	O	22.1	A	26.4	I	31.9	A	39.2	A	82.2	R
1980	0	F	8.9	O	11.5	O	13.8	M	16.8	L	19.3	R	22.2	D	25.9	S	37.8	L	82.5	O
1990	0	A	8.4	E	11.4	E	13.3	M	15.7	L	17.8	O	20.1	D	23.1	T	36.9	M	83.0	I
2000	0	E	-	R	-	R	-	D	-	A	-	S	22.7	S	30.6	A	36.3	D	84.5	A
2005	0	I	-	C	-	C	-	D	-	L	-	T	21.7	T	26.1	O	38.5	D	85.7	G

Estonia (Males 1960-2005)													
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
1960	6.4	10.2	3.6	13.8	50.7	54.3	58.1	64.5	64.6	35.7	35.5	904	893
1970	5.8	9.7	4.1	13.8	51.6	55.7	59.6	65.4	65.5	35.2	35.1	885	883
1980	5.9	9.8	4.6	14.4	49.7	54.3	58.2	64.1	64.6	35.5	34.7	881	857
1990	5.5	8.5	2.9	11.3	53.5	56.4	59.4	64.9	65.2	34.2	33.9	838	830
2000	4.7	7.5	3.1	10.7	54.1	57.2	60.0	64.7	65.2	33.2	33.1	811	809
2005	5.4	7.7	3.2	10.9	55.9	59.1	61.4	66.8	67.2	34.3	33.8	869	852

Estonia (Females 1960-2005)													
1960	7.9	11.0	5.6	16.5	56.0	61.6	64.6	72.5	72.6	39.0	38.8	1135	1126
1970	6.8	9.7	6.8	16.5	57.9	64.7	67.6	74.4	74.8	38.6	38.8	1150	1157
1980	7.2	9.9	7.0	16.9	57.4	64.4	67.0	74.3	74.6	38.7	38.7	1149	1144
1990	6.7	9.2	7.2	16.5	58.4	65.6	68.2	74.9	75.2	38.7	38.8	1151	1144
2000	7.1	9.0	8.7	17.8	58.3	67.0	69.0	76.1	76.4	39.3	39.4	1176	1172
2005	7.7	9.7	9.4	19.1	58.9	68.4	70.3	78.0	78.3	40.5	40.2	1259	1235

Estonia (Males 1960-2005)																	
Human Deterioration Stages																	
Human Development Age Groups based on the Deterioration Function (Years)																	
39.1	D	56.0	D	60.7	D	69.7	D	81.5	D	86.4	V						
39.9	E	57.2	E	62.0	S	71.0	O	82.2	O	87.0	R						
40.3	F	59.3	F	64.5	L	72.8	E	81.8	M	86.3	O						
43.8	R	60.2	R	64.2	I	74.6	E	88.0	A	93.5	L						
44.7	S	63.9	S	68.9	G	78.5	E	88.5	E	93.5	C						
45.4	T	63.9	T	68.6	H	78.7	&	89.9	S	95.2	A						

Estonia (Females 1960-2005)																	
35.4	D	54.3	D	59.8	D	68.0	D	79.0	D	83.7	V						
35.9	E	53.9	E	59.2	M	67.7	O	79.7	O	84.5	R						
37.0	F	55.7	F	61.1	S	69.5	D	80.4	M	85.2	O						
38.0	R	56.8	R	62.2	L	70.7	E	81.7	A	86.5	L						
39.8	S	59.5	S	65.0	I	73.3	E	83.2	G	87.8	C						
39.2	T	59.8	T	65.4	G	73.2	&	82.4	S	86.7	A						

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