


Demographic and Human Development Indicators

Norway (Males 1900-2005)																				
Human Development Stages																				
Age Groups estimated with the Health State Methodology (Years)																				
1900	0	EARLY ADULTHOOD	10.3	PRE	14.1	ADOLESCENCE	16.2	ADOLESCENCE	18.8	LATE	21.0	EARLY ADULTHOOD	23.6	MIDDLE ADULTHOOD	26.8	LATE ADULTHOOD	44.0	EARLY OLD AGE	80.3	VERY OLD AGES
1930	0	EARLY ADULTHOOD	9.6	PRE	13.9	ADOLESCENCE	16.5	ADOLESCENCE	19.8	LATE	22.6	EARLY ADULTHOOD	25.9	MIDDLE ADULTHOOD	30.0	LATE ADULTHOOD	38.5	EARLY OLD AGE	80.4	VERY OLD AGES
1940	0	EARLY ADULTHOOD	10.6	PRE	14.8	ADOLESCENCE	17.2	ADOLESCENCE	20.3	LATE	22.9	EARLY ADULTHOOD	25.9	MIDDLE ADULTHOOD	29.7	LATE ADULTHOOD	38.6	EARLY OLD AGE	80.7	VERY OLD AGES
1950	0	EARLY ADULTHOOD	10.0	PRE	13.9	ADOLESCENCE	16.3	ADOLESCENCE	19.3	LATE	21.9	EARLY ADULTHOOD	24.9	MIDDLE ADULTHOOD	28.6	LATE ADULTHOOD	37.8	EARLY OLD AGE	81.4	VERY OLD AGES
1960	0	EARLY ADULTHOOD	9.2	PRE	13.1	ADOLESCENCE	15.2	ADOLESCENCE	18.1	LATE	20.5	EARLY ADULTHOOD	23.2	MIDDLE ADULTHOOD	26.7	LATE ADULTHOOD	35.6	EARLY OLD AGE	80.7	VERY OLD AGES
1970	0	EARLY ADULTHOOD	8.8	PRE	12.7	ADOLESCENCE	15.1	ADOLESCENCE	18.1	LATE	20.7	EARLY ADULTHOOD	23.6	MIDDLE ADULTHOOD	27.4	LATE ADULTHOOD	35.1	EARLY OLD AGE	79.5	VERY OLD AGES
1980	0	EARLY ADULTHOOD	9.3	PRE	13.2	ADOLESCENCE	15.3	ADOLESCENCE	17.9	LATE	20.2	EARLY ADULTHOOD	22.8	MIDDLE ADULTHOOD	26.1	LATE ADULTHOOD	34.7	EARLY OLD AGE	80.2	VERY OLD AGES
1990	0	EARLY ADULTHOOD	7.0	PRE	10.9	ADOLESCENCE	14.0	ADOLESCENCE	17.9	LATE	21.3	EARLY ADULTHOOD	25.2	MIDDLE ADULTHOOD	30.1	LATE ADULTHOOD	36.2	EARLY OLD AGE	80.9	VERY OLD AGES
2000	0	EARLY ADULTHOOD	8.3	PRE	12.7	ADOLESCENCE	15.6	ADOLESCENCE	19.2	LATE	22.4	EARLY ADULTHOOD	26.0	MIDDLE ADULTHOOD	30.6	LATE ADULTHOOD	38.7	EARLY OLD AGE	83.1	VERY OLD AGES
2005	0	EARLY ADULTHOOD	9.2	PRE	13.4	ADOLESCENCE	15.8	ADOLESCENCE	18.8	LATE	21.4	EARLY ADULTHOOD	24.5	MIDDLE ADULTHOOD	28.3	LATE ADULTHOOD	38.6	EARLY OLD AGE	84.7	VERY OLD AGES

Norway (Females 1900-2005)																				
1900	0	EARLY ADULTHOOD	9.9	PRE	11.9	ADOLESCENCE	14.9	ADOLESCENCE	18.8	LATE	22.0	EARLY ADULTHOOD	25.8	MIDDLE ADULTHOOD	30.6	LATE ADULTHOOD	43.2	EARLY OLD AGE	81.2	VERY OLD AGES
1930	0	EARLY ADULTHOOD	8.2	PRE	12.0	ADOLESCENCE	15.1	ADOLESCENCE	19.0	LATE	22.3	EARLY ADULTHOOD	26.2	MIDDLE ADULTHOOD	31.0	LATE ADULTHOOD	40.2	EARLY OLD AGE	81.7	VERY OLD AGES
1940	0	EARLY ADULTHOOD	8.6	PRE	12.2	ADOLESCENCE	15.5	ADOLESCENCE	19.6	LATE	23.1	EARLY ADULTHOOD	27.2	MIDDLE ADULTHOOD	32.4	LATE ADULTHOOD	39.8	EARLY OLD AGE	81.7	VERY OLD AGES
1950	0	EARLY ADULTHOOD	9.6	PRE	11.4	ADOLESCENCE	15.4	ADOLESCENCE	20.4	LATE	24.7	EARLY ADULTHOOD	29.8	MIDDLE ADULTHOOD	36.1	LATE ADULTHOOD	40.0	EARLY OLD AGE	82.5	VERY OLD AGES
1960	0	EARLY ADULTHOOD	-	PRE	-	ADOLESCENCE	-	ADOLESCENCE	-	LATE	-	EARLY ADULTHOOD	-	MIDDLE ADULTHOOD	-	LATE ADULTHOOD	38.9	EARLY OLD AGE	83.0	VERY OLD AGES
1970	0	EARLY ADULTHOOD	9.1	PRE	12.0	ADOLESCENCE	13.8	ADOLESCENCE	16.1	LATE	18.0	EARLY ADULTHOOD	20.2	MIDDLE ADULTHOOD	23.0	LATE ADULTHOOD	39.4	EARLY OLD AGE	83.5	VERY OLD AGES
1980	0	EARLY ADULTHOOD	8.2	PRE	11.3	ADOLESCENCE	13.1	ADOLESCENCE	15.3	LATE	17.3	EARLY ADULTHOOD	19.5	MIDDLE ADULTHOOD	22.3	LATE ADULTHOOD	39.9	EARLY OLD AGE	85.2	VERY OLD AGES
1990	0	EARLY ADULTHOOD	9.6	PRE	12.5	ADOLESCENCE	14.1	ADOLESCENCE	16.2	LATE	18.0	EARLY ADULTHOOD	20.0	MIDDLE ADULTHOOD	22.5	LATE ADULTHOOD	39.3	EARLY OLD AGE	86.3	VERY OLD AGES
2000	0	EARLY ADULTHOOD	8.0	PRE	10.9	ADOLESCENCE	12.9	ADOLESCENCE	15.4	LATE	17.6	EARLY ADULTHOOD	20.1	MIDDLE ADULTHOOD	23.2	LATE ADULTHOOD	42.3	EARLY OLD AGE	87.6	VERY OLD AGES
2005	0	EARLY ADULTHOOD	10.7	PRE	13.5	ADOLESCENCE	14.9	ADOLESCENCE	16.7	LATE	18.3	EARLY ADULTHOOD	20.0	MIDDLE ADULTHOOD	22.2	LATE ADULTHOOD	43.7	EARLY OLD AGE	88.6	VERY OLD AGES

Norway (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	9.9	17.5	2.4	19.9	32.0	34.3	42.0	51.9	52.2	38.0	38.6	842	850
1930	7.8	12.5	4.7	17.1	44.9	49.6	54.2	62.0	61.9	37.7	37.9	920	918
1940	7.3	11.8	5.4	17.1	46.5	51.9	56.3	63.6	63.6	37.7	38.1	937	942
1950	6.8	9.6	6.5	16.1	53.8	60.3	63.2	70.0	70.2	38.2	38.2	1048	1047
1960	6.4	9.1	5.5	14.5	56.5	62.0	64.7	71.0	71.3	37.4	37.5	1042	1038
1970	6.0	8.7	4.7	13.4	57.6	62.3	65.0	71.0	71.3	36.6	36.7	1015	1016
1980	6.1	8.6	5.4	14.0	58.3	63.7	66.2	72.3	72.7	37.0	36.9	1047	1042
1990	6.1	8.4	5.2	13.6	59.7	64.9	67.3	73.3	73.7	37.3	37.2	1074	1069
2000	6.7	9.2	7.6	16.9	59.0	66.6	69.1	75.9	76.2	38.8	38.9	1165	1161
2005	7.6	9.8	8.1	17.9	59.7	67.8	70.0	77.6	77.9	39.9	39.8	1229	1217

Norway (Males 1900-2005)												
Human Deterioration Stages												
Human Development Age Groups based on the Deterioration Function (Years)												
36.4	59.3	64.6	70.9	77.9	81.5	VERY	37.0	57.9	63.5	71.2	80.1	VERY
36.9	57.8	63.4	71.1	80.0	84.3	VERY	36.7	55.6	61.1	69.7	81.0	VERY
38.5	55.4	60.2	69.4	82.7	87.8	VERY	39.5	53.5	57.1	66.4	83.2	VERY
40.2	55.3	59.4	68.8	83.7	89.0	VERY	41.8	56.6	60.4	69.8	84.7	VERY
39.1	57.2	62.4	70.9	81.9	86.6	VERY	39.3	58.8	64.3	72.4	82.1	VERY

Norway (Females 1900-2005)													
1900	9.0	14.5	4.3	18.8	36.5	40.9	46.4	55.3	55.3	38.6	39.0	891	892
1930	8.0	12.4	5.3	17.6	47.2	52.5	56.8	64.8	64.8	38.4	38.7	970	971
1940	7.4	10.9	5.6	16.4	51.9	57.5	61.0	68.4	68.6	38.5	38.6	1028	1030
1950	7.1	9.9	6.3	16.1	57.2	63.5	66.3	73.4	73.7	38.7	38.9	1128	1133
1960	6.2	8.7	7.5	16.2	59.5	67.0	69.5	75.7	76.1	39.1	39.1	1201	1200
1970	6.7	9.1	7.5	16.6	60.4	67.9	70.3	77.0	77.4	39.4	39.5	1226	1229
1980	6.8	9.0	9.3	18.3	60.6	69.9	72.1	78.9	79.3	40.1	40.3	1276	1280
1990	7.1	8.9	9.7	18.6	61.0	70.7	72.5	79.7	80.0	40.5	40.6	1291	1293
2000	8.2	10.2	10.2	20.3	60.9	71.1	73.0	81.3	81.5	41.5	41.6	1355	1346
2005	8.4	9.9	11.3	21.1	61.2	72.5	73.9	82.3	82.5	42.2	42.2	1400	1380

Norway (Females 1900-2005)												
35.5	58.3	64.1	71.1	79.4	83.4	VERY	37.1	58.3	63.9	71.5	80.4	VERY
36.3	56.1	61.8	70.1	80.7	85.4	VERY	36.2	54.4	59.7	68.4	80.7	VERY
36.2	54.0	59.3	67.9	80.1	85.0	VERY	35.1	53.1	58.6	67.2	79.8	VERY
37.6	57.0	62.5	70.7	81.2	85.9	VERY	38.9	58.6	64.2	72.5	82.9	VERY
39.0	60.3	65.9	73.4	82.3	86.6	VERY	39.4	61.2	66.9	74.2	82.8	VERY

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