


Demographic and Human Development Indicators

Spain (Males 1950-2005)																			
																			
Human Development Stages																			
Age Groups estimated with the Health State Methodology (Years)																			
1950	0																		
1960	0	INCH	8.6	ADOL	11.4	ADOL	14.4	ADOL	18.3	ADOL	21.6	ADOL	25.5	ADOL	29.8	ADOL	35.0	ADOL	77.2
1970	0	AEI	9.5	PEL	13.5	EL	16.2	MIDDLE	19.6	MIDDLE	22.5	MIDDLE	25.9	MIDDLE	30.2	MIDDLE	35.7	MIDDLE	78.6
1980	0	CRD	9.0	RESC	12.9	ARSLC	15.1	MIDDLE	18.1	MIDDLE	20.6	MIDDLE	23.5	MIDDLE	27.1	MIDDLE	35.2	MIDDLE	80.8
1990	0	YOH	8.3	EN	12.6	YEN	15.7	MIDDLE	19.6	MIDDLE	22.9	MIDDLE	26.9	MIDDLE	31.7	MIDDLE	37.7	MIDDLE	82.5
2000	0	AND	7.8	CE	11.1	NC	14.4	MIDDLE	18.6	MIDDLE	22.2	MIDDLE	26.4	MIDDLE	31.6	MIDDLE	37.4	MIDDLE	83.8
2005	0		8.8		12.4		14.5		17.3		19.6		22.2		25.6		35.8		84.8

Spain (Females 1950-2005)																			
1950	0		9.8	ADOL	14.1	ADOL	17.3	ADOL	21.3	ADOL	24.8	ADOL	28.8	ADOL	33.9	ADOL	39.1	ADOL	80.2
1960	0	INCH	8.9	PEL	12.2	EL	17.0	MIDDLE	23.0	MIDDLE	28.2	MIDDLE	34.3	MIDDLE	-	MIDDLE	39.7	MIDDLE	81.6
1970	0	AEI	10.6	RESC	12.6	ARSLC	16.0	MIDDLE	20.3	MIDDLE	23.9	MIDDLE	28.1	MIDDLE	33.5	MIDDLE	39.3	MIDDLE	82.6
1980	0	CRD	9.4	EN	10.8	YEN	14.2	MIDDLE	18.4	MIDDLE	22.0	MIDDLE	26.2	MIDDLE	31.5	MIDDLE	41.4	MIDDLE	84.8
1990	0	YOH	9.0	CE	12.2	NC	15.1	MIDDLE	18.8	MIDDLE	21.9	MIDDLE	25.6	MIDDLE	30.2	MIDDLE	43.5	MIDDLE	86.7
2000	0	AND	8.5	CE	10.9	NC	13.4	MIDDLE	16.7	MIDDLE	19.4	MIDDLE	22.5	MIDDLE	26.5	MIDDLE	44.7	MIDDLE	88.2
2005	0		9.7		12.7		14.4		16.6		18.5		20.6		23.4		45.6		88.8

Spain (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	7.0	11.2	3.4	14.6	44.7	48.1	52.3	59.3	59.4	36.8	35.9	917	877
1960	6.1	9.3	4.6	13.9	52.6	57.1	60.4	66.5	66.7	36.7	36.3	1004	984
1970	6.1	9.3	4.2	13.5	55.4	59.7	62.8	68.9	68.9	36.4	36.4	1005	999
1980	6.4	9.1	5.7	14.7	57.3	63.0	65.7	72.0	72.3	37.4	37.4	1058	1052
1990	6.5	8.9	7.0	15.9	57.4	64.4	66.8	73.3	73.5	38.3	38.2	1081	1074
2000	6.9	9.2	7.1	16.3	59.3	66.3	68.7	75.6	75.9	38.6	38.8	1129	1135
2005	6.7	8.9	8.5	17.4	59.5	67.9	70.2	76.8	77.2	39.2	39.4	1179	1181

Spain (Males 1950-2005)																			
Human Deterioration Stages																			
Human Development Age Groups based on the Deterioration Function (Years)																			
1950	36.3	DETE	54.5	DETE	59.8	DIS	68.4	DIS	79.7	DIS	84.5	VERY	88.6	VERY	91.2	VERY	94.5	VERY	97.8
1960	38.5	FRS	54.1	FRS	58.4	DIS	67.5	DIS	81.2	DIS	86.3	VERY	91.2	VERY	93.8	VERY	97.1	VERY	100.4
1970	37.8	FRS	52.2	FRS	56.1	DIS	65.1	DIS	81.1	DIS	86.3	VERY	91.2	VERY	93.8	VERY	97.1	VERY	100.4
1980	39.2	ROAS	56.2	ROAS	61.1	DIS	70.1	DIS	82.6	DIS	87.6	VERY	92.6	VERY	95.2	VERY	98.5	VERY	101.6
1990	40.2	TAE	58.8	TAE	64.0	DIS	72.8	DIS	83.8	DIS	88.7	VERY	93.7	VERY	96.3	VERY	99.6	VERY	102.8
2000	40.5	TI	59.3	TI	64.6	DIS	73.4	DIS	84.2	DIS	89.1	VERY	94.1	VERY	96.7	VERY	100.0	VERY	103.3
2005	40.4	ION	60.0	ION	65.5	DIS	73.9	DIS	83.9	DIS	88.6	VERY	93.6	VERY	96.2	VERY	99.5	VERY	102.8

Spain (Females 1950-2005)													
1950	7.0	10.0	5.1	15.1	49.1	54.2	57.2	64.2	64.5	38.8	37.8	1038	995
1960	6.6	9.5	5.8	15.3	56.1	61.8	64.7	71.3	71.5	38.4	38.4	1121	1116
1970	7.0	9.6	6.3	15.9	58.6	64.9	67.5	74.5	74.8	39.1	38.9	1182	1178
1980	7.0	9.3	7.9	17.3	61.0	68.9	71.3	78.3	78.6	40.1	40.3	1263	1271
1990	7.8	9.8	9.2	19.0	61.5	70.7	72.7	80.5	80.8	41.4	41.5	1331	1334
2000	7.3	9.1	11.0	20.1	62.5	73.4	75.3	82.6	83.1	42.2	42.3	1402	1408
2005	8.0	10.0	10.1	20.1	63.4	73.5	75.5	83.5	84.1	42.5	42.7	1433	1451

Spain (Females 1950-2005)																			
1950	34.6	DETE	52.5	DETE	57.9	DIS	66.9	DIS	80.3	DIS	85.5	VERY	90.6	VERY	93.2	VERY	96.5	VERY	99.8
1960	36.0	FRS	52.6	FRS	57.6	DIS	66.4	DIS	80.3	DIS	85.4	VERY	90.5	VERY	93.1	VERY	96.4	VERY	99.7
1970	35.8	FRS	53.1	FRS	58.3	DIS	67.0	DIS	80.1	DIS	85.1	VERY	90.4	VERY	93.0	VERY	96.3	VERY	99.6
1980	35.2	ROAS	54.3	ROAS	60.0	DIS	68.4	DIS	80.2	DIS	85.1	VERY	90.5	VERY	93.1	VERY	96.4	VERY	99.7
1990	36.8	TAE	57.4	TAE	63.1	DIS	71.0	DIS	81.1	DIS	85.7	VERY	91.5	VERY	94.1	VERY	97.4	VERY	100.7
2000	37.3	TI	58.4	TI	64.2	DIS	72.0	DIS	81.8	DIS	86.2	VERY	92.0	VERY	94.6	VERY	97.9	VERY	101.2
2005	37.2	ION	58.6	ION	64.4	DIS	72.0	DIS	81.7	DIS	86.1	VERY	91.9	VERY	94.5	VERY	97.8	VERY	101.1

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