


Demographic and Human Development Indicators

Japan (Males 1950-2005)																				
																				
Human Development Stages																				
Age Groups estimated with the Health State Methodology (Years)																				
1950	0		8.9		13.3		16.3		20.0		23.2		26.9		31.6		35.2		75.9	V
1960	0	I	9.9	A	14.2	A	16.9	A	20.2	A	23.1	E	26.5	M	30.7	L	35.6	M	76.5	V
1970	0	N	8.4	L	12.2	E	15.3	M	19.3	L	22.6	A	26.6	D	31.5	A	36.2	D	78.2	O
1980	0	F	10.2	P	13.7	R	15.4	M	17.6	L	19.5	E	21.6	D	24.3	S	35.7	L	81.2	L
1990	0	A	10.3	E	13.7	Y	15.4	E	17.6	L	19.5	S	21.6	S	24.3	G	35.6	A	83.3	A
2000	0	C	9.7	R	13.4	C	15.3	C	17.9	C	20.1	A	22.6	S	25.8	E	36.1	O	85.0	A
2005	0	R	9.4	E	13.2	E	15.6	E	18.5	E	21.1	E	24.0	A	27.8	F	37.3	L	85.9	S

Japan (Females 1950-2005)																				
1950	0		11.4		15.7		18.2		21.3		24.0		27.1		31.0		38.5		79.4	V
1960	0	I	10.3	A	14.4	A	17.4	A	21.2	A	24.4	E	28.3	M	33.0	L	38.6	M	80.5	V
1970	0	N	11.1	L	13.2	E	16.8	M	21.4	L	25.3	A	29.9	D	35.6	A	39.6	D	82.3	O
1980	0	F	-	P	-	R	13.6	M	20.3	L	26.0	E	32.8	D	-	S	41.8	L	84.9	L
1990	0	A	10.2	E	13.4	Y	15.1	E	17.4	L	19.4	S	21.7	S	24.5	G	43.5	A	87.5	A
2000	0	C	11.3	R	14.0	C	15.5	C	17.3	C	18.9	A	20.7	S	23.0	E	45.2	O	90.3	A
2005	0	R	10.5	E	13.7	E	15.5	E	17.9	E	19.9	E	22.1	A	25.0	F	45.9	L	91.4	S

Japan (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	7.1	13.5	0.6	14.1	43.4	44.0	50.4	57.5	58.5	34.6	34.9	809	820
1960	6.4	10.6	3.0	13.6	51.6	54.6	58.9	65.2	65.4	35.4	35.5	925	925
1970	6.0	9.6	4.7	14.3	55.1	59.9	63.5	69.5	69.8	36.1	36.3	993	997
1980	6.6	9.5	6.6	16.1	57.3	63.9	66.8	73.4	73.8	37.8	37.8	1097	1098
1990	6.9	9.3	8.0	17.3	58.5	66.5	68.9	75.8	76.1	38.8	38.8	1164	1156
2000	6.3	8.1	8.6	16.7	60.8	69.4	71.2	77.5	77.9	39.5	39.4	1197	1191
2005	7.0	8.9	8.3	17.1	61.4	69.7	71.6	78.6	79.0	39.7	39.9	1220	1225

Japan (Males 1950-2005)																							
Human Deterioration Stages																							
Human Development Age Groups based on the Deterioration Function (Years)																							
37.6	D	56.1	D	61.2	D	69.3	D	78.8	D	83.2	V	36.7	T	52.2	T	56.6	M	65.5	M	78.8	O	83.8	R
37.1	F	52.7	S	57.2	L	66.0	D	79.5	D	84.5	C	37.7	R	55.4	S	60.6	R	69.1	R	80.6	A	85.5	H
39.2	S	58.2	C	63.6	H	71.9	E	82.2	S	86.8	A	40.4	I	59.6	I	65.0	&	73.8	I	84.8	A	89.6	C
40.6	N	60.0	N	65.5	S	74.2	S	85.2	S	90.0	S												

Japan (Females 1950-2005)													
1950	7.2	12.1	4.5	16.6	44.3	48.8	53.6	60.8	61.2	37.1	37.4	910	910
1960	7.1	10.8	5.3	16.1	53.9	59.1	62.9	70.0	70.3	37.8	37.8	1055	1057
1970	7.0	9.9	6.8	16.8	58.0	64.9	67.8	74.8	75.2	38.7	38.8	1158	1160
1980	7.4	9.9	8.0	17.9	60.8	68.8	71.3	78.7	79.1	40.2	40.3	1278	1281
1990	7.8	10.0	9.9	19.8	61.9	71.8	73.9	81.7	82.2	41.7	41.8	1371	1379
2000	7.7	9.0	12.2	21.2	63.1	75.4	76.6	84.3	84.7	43.2	43.1	1452	1445
2005	8.0	9.3	12.2	21.5	64.0	76.2	77.5	85.4	85.9	43.6	43.7	1478	1480

Japan (Females 1950-2005)																							
36.1	D	56.5	D	62.1	D	70.0	D	79.3	D	83.7	V	36.4	T	54.7	T	60.0	M	68.3	M	79.3	O	83.9	R
36.4	F	54.7	S	60.0	L	68.4	D	79.8	D	84.5	C	36.6	R	56.1	S	61.7	R	69.7	R	80.2	A	84.8	H
37.7	S	58.6	C	64.3	H	72.0	E	81.6	S	86.0	A	39.4	I	61.4	I	67.3	&	75.0	I	84.3	A	88.7	C
39.9	N	62.2	N	68.1	S	75.8	S	85.1	S	89.6	S												

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