


Demographic and Human Development Indicators

New Zealand (Males 1950-2005)																			
																			
Human Development Stages																			
Age Groups estimated with the Health State Methodology (Years)																			
1950	0		7.8		11.7		14.4		17.7		20.6		23.9		28.1		34.8		77.9
1960	0	I	8.5	A	12.7	A	15.0	A	18.1	A	20.7	A	23.7	M	27.6	L	34.2	E	77.9
1970	0	N	8.3	O	12.5	E	14.9	M	18.0	L	20.6	E	23.6	I	27.4	A	34.0	A	76.9
1980	0	F	7.9	P	12.2	R	14.8	D	18.1	L	20.9	A	24.1	D	28.2	S	35.0	R	78.3
1990	0	H	7.4	E	12.0	A	14.9	D	18.6	L	21.7	S	25.4	O	30.0	D	37.1	O	80.5
2000	0	A	6.8	N	10.7	E	14.0	D	18.1	L	21.7	A	25.9	S	31.1	E	38.9	L	83.7
2005	0	D	6.9	E	10.9	E	13.8	E	17.5	L	20.7	E	24.4	A	29.1	O	39.2	S	85.3

New Zealand (Females 1950-2005)																			
1950	0		8.1		11.2		14.1		17.7		20.8		24.5		29.1		37.0		81.3
1960	0	I	-	A	-	A	-	A	16.7	A	19.5	A	22.7	M	26.7	L	36.8	E	82.3
1970	0	N	9.7	O	12.6	E	14.1	M	15.9	L	17.6	E	19.4	I	21.7	A	35.7	A	83.1
1980	0	F	8.6	P	12.1	R	14.0	D	16.5	L	18.6	A	21.0	D	24.1	S	36.0	R	84.6
1990	0	H	8.8	E	12.3	A	14.2	D	16.7	L	18.8	S	21.2	O	24.3	D	37.5	O	86.0
2000	0	A	9.8	N	12.6	E	13.9	D	15.7	L	17.2	A	18.8	S	21.0	E	39.9	L	88.0
2005	0	D	9.9	E	12.8	E	14.0	E	15.7	L	17.2	E	18.8	A	20.9	O	41.8	S	88.7

New Zealand (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	6.6	9.7	2.9	12.6	54.4	57.3	60.4	67.0	67.2	36.3	36.0	964	948
1960	6.4	9.0	3.2	12.2	56.1	59.3	61.9	68.3	68.6	36.2	35.7	980	962
1970	5.6	8.5	2.8	11.3	57.1	59.9	62.8	68.4	68.8	35.3	35.2	953	946
1980	6.0	8.6	3.8	12.4	57.7	61.4	64.1	70.1	70.3	36.0	36.0	990	983
1990	6.2	8.5	5.2	13.6	58.7	63.8	66.1	72.3	72.5	37.6	37.3	1057	1044
2000	6.4	8.6	7.3	16.0	59.9	67.2	69.4	75.8	76.1	38.9	39.1	1146	1147
2005	6.6	8.6	9.2	17.8	59.7	68.9	70.9	77.5	77.8	39.9	40.1	1208	1207

New Zealand (Males 1950-2005)													
Human Deterioration Stages													
Human Development Age Groups based on the Deterioration Function (Years)													
39.2	D	53.1	D	56.6	D	65.9	D	82.6	D	87.9	V		
42.0	E	53.9	E	56.2	E	65.3	E	84.0	E	89.3	E		
49.6	F	53.1	F	51.4	F	56.5	F	70.6	F	89.9	F		
43.6	R	54.6	R	56.3	R	65.3	R	84.7	R	90.0	R		
40.9	S	55.4	S	59.1	S	68.5	S	84.1	S	89.4	S		
40.0	T	58.0	T	63.2	T	72.0	T	83.8	T	88.7	T		
39.9	N	59.4	N	64.8	N	73.2	N	83.5	N	88.1	N		

New Zealand (Females 1950-2005)													
1950	6.1	9.0	6.7	15.7	55.2	61.9	64.8	70.9	71.2	37.8	38.0	1057	1058
1960	6.8	9.0	7.2	16.1	57.4	64.6	66.8	73.5	73.8	38.7	38.4	1133	1125
1970	6.6	8.7	7.9	16.6	57.9	65.8	67.9	74.5	74.8	39.0	38.7	1153	1135
1980	6.5	8.0	8.1	16.1	60.3	68.3	69.8	76.4	76.7	39.3	39.2	1171	1165
1990	6.4	8.1	9.3	17.4	60.9	70.2	71.9	78.3	78.5	40.0	40.2	1227	1225
2000	7.5	8.8	10.5	19.3	61.5	72.0	73.3	80.8	81.0	41.6	41.5	1328	1307
2005	8.1	9.3	11.1	20.4	61.3	72.4	73.7	81.7	81.9	42.1	42.1	1364	1349

New Zealand (Females 1950-2005)													
37.5	D	55.5	D	60.8	D	69.6	D	81.7	D	86.7	V		
37.8	E	55.7	E	60.9	E	69.7	E	81.8	E	86.7	E		
39.1	F	57.6	F	62.9	F	71.6	F	83.1	F	88.0	F		
40.5	R	58.9	R	64.1	R	73.3	R	85.5	R	90.6	R		
40.0	S	59.7	S	65.3	S	73.9	S	84.6	S	89.4	S		
40.0	T	61.1	T	66.9	T	74.9	T	84.4	T	88.9	T		
39.9	N	61.5	N	67.3	N	74.9	N	83.9	N	88.2	N		

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