

Niue Statistics Office (2015): Life Tables, Niue 1987-1991, in Niue Vital Statistics Report: 1987-2011. Niue Statistics Unit, Department of Treasury, Niue.

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### 1.3 LIFE TABLES FOR MALES AND FEMALES

MALES																				
Age group (yrs)	x	Years in Interval n	Linearity Adjustment a	Population nNx	Deaths nDx	Mortality Rate nMx	Probability of dying in interval x	Life table survivors at beginning of interval x	Life table deaths in interval x	Life table years lived in interval x	Life table years lived from beginning of interval x	Life expectancy at beginning of interval x	sum(lx2[ n1+ex+1] ex+1]2var	var(qx)	2var(qx)2	(qx)2	Var(ex)	SE	Lower 95% CI	Upper 95% CI
							$n * nMx / [1 + (1 - a) * n * nMx]$	$lx$	$ndx$	$nLx$	$Tx$	$ex$								
<b>1987 - 1991</b>																				
0-4	0	5	0.3	735.86	1	0.001359	0.0068	100000	676.3	497633.1	7105449.1	71.054	4.5E-05	2.228E+09	2.77E+10	2.7675	1.6636	67.794	74.315	Adult Mortality 15 - 59
5-14	5	10	0.5	1438.21	2	0.001391	0.0138	99324	1371.7	986379.0	6607816.024	66.528	9.4E-05	3.611E+09	2.54E+10	2.5795	1.6061			Star pop. 97952.1
15-24	15	10	0.5	1095.96	2	0.001825	0.0181	97952	1771.4	970663.9	5621437.018	57.390	0.00016	4.385E+09	2.18E+10	2.2759	1.5086			Deaths 15 - 59) 14421
25-34	25	10	0.5	751.57	1	0.001331	0.0132	96181	1271.3	955450.7	4650773.134	48.355	0.00017	3.078E+09	1.75E+10	1.8864	1.3735			AMR 0.1472
35-44	35	10	0.5	526.95	3	0.005693	0.0554	94909	5253.8	922825.5	3695322.389	38.935	0.00096	1.122E+10	1.44E+10	1.5955	1.2631			Percentage 14.72
45-54	45	10	0.5	556.36	1	0.001797	0.0178	89656	1597.1	888571.1	2772496.851	30.924	0.00031	836545262	3.16E+09	0.3926	0.6266			
55-64	55	10	0.5	368.98	4	0.010841	0.1028	88059	9055.3	835308.9	1883925.712	21.394	0.00237	459793663	2.32E+09	0.2991	0.5469			
65-74	65	10	0.5	230.60	8	0.034691	0.2956	79003	23356.0	673252.0	1048616.853	13.273	0.0077	1.201E+09	1.86E+09	0.2979	0.5458			
75+	75	10	0.5	127.54	16	0.125451	1	55647	55647.2	375364.9	375364.884	6.745	0.00851	658716690	6.59E+08	0.0000	0.0000			
<b>1992 - 1996</b>																				
0-4	0	5	0.3	620.45	1	0.001612	0.0080	100000	801.3	497195.3	6877701.812	68.777	6.4E-05	2.93E+09	2.76E+10	2.7601	1.6613	65.521	72.033	Adult Mortality 15 - 59
5-14	5	10	0.5	1263.40	3	0.002375	0.0235	99199	2327.9	980347.1	6380506.531	64.320	0.00018	6.509E+09	2.47E+10	2.5071	1.5834			Star pop. 96870.8
15-24	15	10	0.5	946.88	3	0.003168	0.0312	96871	3021.3	953601.2	5400159.447	55.746	0.00031	8.088E+09	1.82E+10	1.9354	1.3912			Deaths 15 - 59) 20809
25-34	25	10	0.5	717.69	0	0	0	93849	0.0	93849.8	4446558.242	47.380	0	0	1.01E+10	1.1437	1.0695			AMR 0.2148
35-44	35	10	0.5	595.63	1	0.001679	0.0166	93849	1562.5	930682.2	3508063.482	37.380	0.00027	2.603E+09	1.01E+10	1.1437	1.0695			Percentage 21.48
45-54	45	10	0.5	508.34	7	0.01377	0.1288	92287	11889.6	863421.4	2577381.286	27.928	0.00207	5.886E+09	7.47E+09	0.8772	0.9366			
55-64	55	10	0.5	438.63	5	0.011399	0.1078	80397	8670.3	760621.5	1713959.848	21.319	0.00208	335338780	1.58E+09	0.2451	0.4951			
65-74	65	10	0.5	234.25	8	0.034152	0.2917	71727	20923.2	612653.7	953338.3358	13.291	0.00753	968992760	1.25E+09	0.2428	0.4928			
75+	75	10	0.5	124.60	20	0.160509	1	50804	50803.8	340684.7	340684.6768	6.706	0.00434	280227045	2.8E+08	0.0000	0.0000			
<b>1997 - 2001</b>																				
0-4	0	5	0.3	445.80	3	0.006729	0.0329	100000	3287.3	488494.4	6719220.085	67.192	0.00035	1.607E+10	3.7E+10	3.6963	1.9226	63.424	70.960	Adult Mortality 15 - 59
5-14	5	10	0.5	1095.43	1	0.000913	0.0091	96713	878.9	962732.5	6230725.698	64.425	8.2E-05	2.753E+09	2.09E+10	2.2334	1.4945			Star pop. 95833.8
15-24	15	10	0.5	735.37	1	0.00136	0.0135	95834	1294.4	951866.2	5267993.198	54.970	0.00018	4.241E+09	1.81E+10	1.9748	1.4053			Deaths 15 - 59) 20066
25-34	25	10	0.5	671.45	2	0.002979	0.0293	94539	2774.7	931520.9	4316127.024	45.654	0.00042	6.554E+09	1.39E+10	1.5548	1.2469			AMR 0.2094
35-44	35	10	0.5	605.95	1	0.00165	0.0164	91765	1502.0	910137.6	3384606.158	36.884	0.00026	2.331E+09	7.34E+09	0.8718	0.9337			Percentage 20.94
45-54	45	10	0.5	478.81	3	0.006265	0.0608	90263	5483.6	875209.5	2474468.556	27.414	0.00116	2.918E+09	5.01E+09	0.6149	0.7842			
55-64	55	10	0.5	462.45	11	0.023786	0.2126	84779	18022.3	757679.9	1599259.007	18.864	0.00323	581266299	2.09E+09	0.2910	0.5395			
65-74	65	10	0.5	262.47	11	0.04191	0.3465	66757	23130.9	551913.9	841579.1246	12.607	0.00713	794658907	1.51E+09	0.3389	0.5822			
75+	75	10	0.5	119.77	9	0.075144	1	43626	43626.0	289665.2	289665.2034	6.640	0.01504	715758287	7.16E+08	0.0000	0.0000			

FEMALES																					
Age group (yrs)	x	Years in Interval n	Linearity Adjustment a	Population nNx	Deaths nDx	Mortality Rate nMx	Probability of dying in interval x nqx	Life table survivors at beginning of interval x lx	Life table deaths in interval x ndx	Life table years lived in interval x nLx	Life table years lived from beginning at beginning of interval x Tx	Life expectancy at beginning of interval x ex	Lower 95% CI	Upper 95% CI							
x	n	a	nNx	nDx	nMx	n * nMx / [1+(1-a)*n*nMx]	lx-1 - ndx-1	nqx * lx	ndx	n *	Tx+1 + nLx	Tx / lx	var(qx)	2var(qx)2	sum(lx2[[(1-ax)n1+ex+1]	Var(ex)	SE	95% CI	95% CI		
<b>1987 -1991</b>																					
0-4	0	5	0.3	822.98	2	0.0024	0.0120	100000	1204.8	495783.1	7618335.637	76.183	7.2E-05	4.098E+09	1.18E+10	1.1759	1.0844	74.058	78.309	Adult Mortality 15 - 59	98795
5-14	5	10	0.5	1341.77	0	0	0	98795	0	987951.6	7122552.584	72.094	0	0	7.66E+09	0.7850	0.8860			Star pop.	98795
15-24	15	10	0.5	875.94	0	0	0	98795	0	987951.6	6134601.006	62.094	0	0	7.66E+09	0.7850	0.8860			Deaths 15 - 59)	4783
25-34	25	10	0.5	717.67	0	0	0	98795	0.0	987951.6	5146649.427	52.094	0	0	7.66E+09	0.7850	0.8860			AMR	0.0484
35-44	35	10	0.5	540.68	1	0.0018	0.0183	98795	1810.5	978899.0	4158697.848	42.094	0.00033	4.595E+09	7.66E+09	0.7850	0.8860			Percentage	4.84
45-54	45	10	0.5	603.23	1	0.0017	0.0164	96985	1594.6	961873.7	3179798.809	32.787	0.00027	883313526	3.07E+09	0.3261	0.5710				
55-64	55	10	0.5	341.19	1	0.0029	0.0289	95390	2755.4	940124.0	2217925.069	23.251	0.00081	184322272	2.18E+09	0.2400	0.4899				
65-74	65	10	0.5	271.14	8	0.0295	0.2571	92635	23818.3	807255.6	1277801.056	13.794	0.00614	1.317E+09	2E+09	0.2330	0.4827				
75+	75	10	0.5	218.17	25	0.1146	1	68816	68816.4	470545.5	470545.4567	6.838	0.00576	682362554	6.82E+08	0.0000	0.0000				
<b>1992 - 1996</b>																					
0-4	0	5	0.3	615.99	1	0.0016	0.0081	100000	807.1	497175.1	7710681.1	77.107	6.5E-05	3.754E+09	8.92E+09	0.8915	0.9442	75.256	78.957	Adult Mortality 15 - 59	99192.9
5-14	5	10	0.5	1321.62	0	0	0	99193	0	991928.9	7213505.997	72.722	0	0	5.16E+09	0.5245	0.7243			Star pop.	99192.9
15-24	15	10	0.5	752.31	0	0	0	99193	0	991928.9	6221577.134	62.722	0	0	5.16E+09	0.5245	0.7243			Deaths 15 - 59)	7917
25-34	25	10	0.5	665.25	0	0	0	99193	0	991928.9	5229648.27	52.722	0	0	5.16E+09	0.5245	0.7243			AMR	0.0798
35-44	35	10	0.5	579.84	0	0	0	99193	0	991928.9	4237719.406	42.722	0	0	5.16E+09	0.5245	0.7243			Percentage	7.98
45-54	45	10	0.5	550.28	2	0.0036	0.0357	99193	3540.8	974224.6	3245790.542	32.722	0.00061	2.574E+09	5.16E+09	0.5245	0.7243				
55-64	55	10	0.5	417.20	4	0.0096	0.0915	95652	8751.4	912763.2	2271565.919	23.748	0.0019	434877184	2.59E+09	0.2827	0.5317				
65-74	65	10	0.5	269.39	3	0.0111	0.1055	86901	9167.0	823171.0	1358802.685	15.636	0.00332	626413814	2.15E+09	0.2850	0.5338				
75+	75	10	0.5	190.53	10	0.0525	1	77734	77733.6	535631.7	535631.717	6.891	0.0101	1.526E+09	1.53E+09	0.0000	0.0000				
<b>1997 - 2001</b>																					
0-4	0	5	0.3	469.12	2	0.0043	0.0210	100000	2100.3	492648.9	7389326.051	73.893	0.00022	1.181E+10	3.81E+10	3.8105	1.9521	70.067	77.719	Adult Mortality 15 - 59	97899.7
5-14	5	10	0.5	1025.03	0	0	0	97900	0	978996.8	6896677.177	70.446	0	0	2.63E+10	2.7438	1.6564			Star pop.	97899.7
15-24	15	10	0.5	701.61	0	0	0	97900	0	978996.8	5917680.395	60.446	0	0	2.63E+10	2.7438	1.6564			Deaths 15 - 59)	11494
25-34	25	10	0.5	596.75	4	0.0067	0.0649	97900	6349.4	947249.8	4938683.613	50.446	0.00098	2.226E+10	2.63E+10	2.7438	1.6564			AMR	0.1174
35-44	35	10	0.5	526.39	0	0	0	91550	0	915502.7	3991433.849	43.598	0	0	4.04E+09	0.4817	0.6941			Percentage	11.74
45-54	45	10	0.5	529.22	2	0.0038	0.0371	91550	3395.7	898524.4	3075931.102	33.598	0.00066	2.336E+09	4.04E+09	0.4817	0.6941				
55-64	55	10	0.5	494.08	2	0.0040	0.0397	88155	3497.6	864057.8	2177406.722	24.700	0.00076	146851150	1.7E+09	0.2189	0.4679				
65-74	65	10	0.5	246.75	3	0.0122	0.1146	84657	9702.9	798055.1	1313348.896	15.514	0.00388	694632155	1.55E+09	0.2169	0.4657				
75+	75	10	0.5	222.39	24	0.1079	1	74954	74954.1	515293.8	515293.7905	6.875	0.00612	859872960	8.6E+08	0.0000	0.0000				