

LIFE TABLES FOR GUAM



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

National Center for Health Statistics
3700 East-West Highway
Hyattsville MD 20782

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Robert L. Haddock, DVM, MPH
Territorial Epidemiologist
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Government of Guam
P.O. Box 2816
Agana, Guam 96910

Dear Dr. Haddock:

I am enclosing three life tables for Guam, one each for the total population, males, and females. Due to the small numbers of deaths involved, it was not possible to produce life tables for villages. However, I am enclosing age-specific death rates for each of the villages that had at least 100 deaths during the 5-year period for males, females, or both sexes combined. While these rates vary widely among villages within an age group, they are not significantly different from each other when tested by the binomial distribution. Therefore, the differences may be considered to be due to chance variation.

I hope these life tables and age-specific rates are useful. Please let me know if we may be of further assistance.

Sincerely yours,

Robert A. Israel
Robert A. Israel
Deputy Director

2 Enclosures

Age-Specific Death Rates by Geographic Area, 1976-80

Total Population

	Guam	Agat	Barrigada	Dededo	Mangilao	Santa Rita	Sinajana	Tamuning
Under 1	.014379	.012162	.010455	.018100	.006349	.012546	.012632	.012698
1-4	.000502	.000808	.000634	.000789	.000542	.000391	-	-
5-9	.000183	.000327	.000177	.000198	.000227	-	-	.000356
10-14	.000310	.000362	-	.000485	.000280	.000245		.000141
15-19	.001042	.002679	.000846	.000975	.001216	.001657	.000637	.000358
20-24	.001521	.002292	.003473	.001448	.001918	.000793	.004065	.001173
25-29	.002080	.001818	.001824	.001892	.003382	.002118	.008140	.001779
30-34	.001406	.003902	.000753	.001105	.002057	-	.001587	.001389
35-39	.001486	.001932	.001531	.002349	.003797	.000609	.001786	.001765
40-44	.002589	.002679	.004893	.002980	.002264	.000714	.007018	.001628
45-49	.004784	.006316	.006222	.005257	.008271	.002841	.006000	.003117
50-54	.010679	.012214	.008939	.011236	.006349	.006140	.006452	.007111
55-59	.014665	.012727	.012360	.016667	.012676	.012676	.014815	.008360
60-64	.025361	.010526	.032381	.026667	.025806	.007407	.057143	.013462
65-69	.045018	.060000	.053488	.051613	.017143	.037500	.068421	.038384
70-74	.073892	.068750	.058824	.079310	.022222	.078261	.127273	.078947
75-79	.092414	.115789	.069565	.111111	.133333	.066667	.107692	.048276
80-84	.133884	.400000	.171429	.425000	.047059	.054545	.333333	.018182
85 and over	.184314	.280000	.085714	.220000	.100000	.300000	.240000	.068966

Age-Specific Death Rates by Geographic Area, 1976-80

	Males			Females	
	Guam	Dededo	Tamuning	Guam	Dededo
Under 1	.015576	.016514	.016760	.013185	.019643
1-4	.000488	.000779	-	.000516	.000799
5-9	.000247	.000131	.000682	.000116	.000265
10-14	.000468	.000755	.000268	.000136	.000174
15-19	.001580	.001283	.000375	.000473	.000659
20-24	.001939	.001882	.002424	.000774	.000628
25-29	.003130	.002529	.002914	.000806	.001218
30-34	.002052	.001822	.001997	.000561	.000266
35-39	.001528	.003875	.001536	.001427	.000660
40-44	.002722	.003279	.001511	.002366	.002586
45-49	.006189	.007281	.004239	.002580	.002410
50-54	.013693	.014502	.010490	.006546	.005911
55-59	.016143	.017561	.012060	.012632	.015267
60-64	.031378	.027642	.018978	.018085	.025000
65-69	.058163	.057143	.053846	.032779	.045902
70-74	.082105	.081481	.110000	.066667	.077419
75-79	.116667	.216667	.100000	.075294	.058333
80-84	.155102	.500000	.018182	.119444	.350000
85 and over	.194872	.300000	.066667	.177778	.166667

Abridged Life Table, Total Population: Guam, 1976-80

Age interval	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
Period of life between two exact ages stated in years	Proportion of persons alive at beginning of age interval dying during interval	Number living at beginning of age interval	Number dying during age interval	In the age interval	In this and all subsequent age intervals	Average number of years of life remaining at beginning of age interval
	nq_x	l_x	nd_x	nL_x	T_x	e_x
Under 1 -----	.014199	100,000	1,420	98,750	6,922,465	69.22
1-5 -----	.002005	98,580	198	393,826	6,823,715	69.22
5-10 -----	.000915	98,382	90	491,687	6,429,889	65.36
10-15 -----	.001549	98,292	152	491,082	5,938,202	60.41
15-20 -----	.005196	98,140	510	489,425	5,447,120	55.50
20-25 -----	.007576	97,630	740	486,302	4,957,695	50.78
25-30 -----	.010346	96,890	1,002	481,947	4,471,393	46.15
30-35 -----	.007005	95,888	672	477,762	3,989,446	41.61
35-40 -----	.007402	95,216	705	474,321	3,511,684	36.88
40-45 -----	.012862	94,511	1,216	469,519	3,037,363	32.14
45-50 -----	.023637	93,295	2,205	460,968	2,567,844	27.52
50-55 -----	.052007	91,090	4,737	443,611	2,106,876	23.13
55-60 -----	.070732	86,353	6,108	416,497	1,663,265	19.26
60-65 -----	.119245	80,245	9,569	377,306	1,246,768	15.54
65-70 -----	.202320	70,676	14,299	317,635	869,462	12.30
70-75 -----	.311852	56,377	17,581	237,933	551,827	9.79
75-80 -----	.375351	38,796	14,562	157,574	313,894	8.09
80-85 -----	.501547	24,234	12,154	90,783	156,320	6.45
85 and over -----	1.000000	12,080	12,080	65,537	65,537	5.43

Abridged Life Table, Males: Guam, 1976-80

Age interval	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
Period of life between two exact aged stated in years	Proportion of persons alive at beginning of age interval dying during interval	Number living at beginning of age interval	Number dying during age interval	In the age interval	In this and all subsequent age intervals	Average number of years of life remaining at beginning of age interval
	$n^q l_x$	l_x	$n^d x$	$n^l x$	T_x	e_x
Under 1 -----	.015365	100,000	1,537	98,648	6,675,717	66.76
1-5 -----	.001950	98,463	192	393,374	6,577,069	66.80
5-10 -----	.001234	98,271	121	491,054	6,183,695	62.92
10-15 -----	.002337	98,150	229	490,177	5,692,641	58.00
15-20 -----	.007869	97,921	771	487,678	5,202,464	53.13
20-25 -----	.009648	97,150	937	483,408	4,714,786	48.53
25-30 -----	.015528	96,213	1,494	477,330	4,231,378	43.98
30-35 -----	.010208	94,719	967	471,178	3,754,048	39.63
35-40 -----	.007611	93,752	714	466,976	3,282,870	35.02
40-45 -----	.013518	93,038	1,258	462,049	2,815,894	30.27
45-50 -----	.030473	91,780	2,797	451,912	2,353,845	25.65
50-55 -----	.066199	88,983	5,891	430,193	1,901,933	21.37
55-60 -----	.077584	83,092	6,447	399,350	1,471,740	17.71
60-65 -----	.145478	76,645	11,150	355,358	1,072,390	13.99
65-70 -----	.253897	65,495	16,629	285,908	717,032	10.95
70-75 -----	.340610	48,866	16,645	202,723	431,124	8.82
75-80 -----	.451614	32,221	14,552	124,732	228,401	7.09
80-85 -----	.558823	17,669	9,875	63,665	103,669	5.87
85 and over -----	1.000000	7,794	7,794	40,004	40,004	5.13

Abridged Life Table, Females: Guam, 1976-80

Age interval	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
Period of life between two exact aged stated in years	Proportion of persons alive at beginning of age interval dying during interval	Number living at beginning of age interval	Number dying during age interval	In the age interval	In this and all subsequent age intervals	Average number of years of life remaining at beginning of age interval
	n^q_x	l_x	n^d_x	n^l_x	T_x	e_x
Under 1 -----	.013034	100,000	1,303	98,853	7,247,407	72.47
1-5 -----	.002061	98,697	203	394,278	7,148,554	72.43
5-10 -----	.000580	98,494	57	492,323	6,754,276	68.58
10-15 -----	.000680	98,437	67	492,013	6,261,953	63.61
15-20 -----	.002362	98,370	232	491,265	5,769,940	58.66
20-25 -----	.003863	98,138	379	489,736	5,278,675	53.79
25-30 -----	.004022	97,759	393	487,805	4,788,939	48.99
30-35 -----	.002801	97,366	273	486,141	4,301,134	44.18
35-40 -----	.007110	97,093	690	483,733	3,814,993	39.29
40-45 -----	.011760	96,403	1,134	479,173	3,331,260	34.56
45-50 -----	.012817	95,269	1,221	473,286	2,852,087	29.94
50-55 -----	.032203	94,048	3,029	462,662	2,378,801	25.29
55-60 -----	.061226	91,019	5,573	441,159	1,916,139	21.05
60-65 -----	.086514	85,446	7,392	408,747	1,474,980	17.26
65-70 -----	.151481	78,054	11,824	360,707	1,066,233	13.66
70-75 -----	.285716	66,230	18,923	283,841	705,526	10.65
75-80 -----	.316831	47,307	14,988	199,063	421,685	8.91
80-85 -----	.459892	32,319	14,863	124,435	222,622	6.89
85 and over -----	1.000000	17,456	17,456	98,187	98,187	5.62