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REPUBLIC OF PALAU

2005 CENSUS

Volume II:

Census Monograph

Population and Housing Profile

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${}_5L_{30}$ are the survivors of the group ${}_5L_{25}$, and hence the ratio of ${}_5L_{30}$ divided by ${}_5L_{25}$ represents the average chance that a person in the age group 25 to 29 has of surviving 5 years to ages 30 to 34. This ratio is symbolized by ${}_5P_{25}$ and is called the 5-year survival ratio for ages 25 to 29. The survival ratio is shown:

$${}_5P_x = {}_5L_{x+5} / {}_5L_x \text{ where } {}_5L_x \text{ is as defined above.}$$

The ratio is used for projecting population by multiplying the population times the survival ratio for any particular population by year. Special attention must be paid to the youngest and oldest groups, but we are not covering that here. Table 7.4 gives the life table for males in Palau in 2005. The last column is the most important for the average user since it gives the number of expected more years of life at any given age. For example, the first line shows that the average male, when he is born, is likely to live more than 66 years.

Table 7.4. Male Abridged Life Table, Palau: 2005

Age	nMx	nax	nqx	lx	ndx	nLx	5Px	Tx	ex
0	0.04106	0.157	0.03968	100,000	3,968	96,653	0.95715	6,627,390	66.27
1-4	0.00234	1.533	0.00932	96,032	895	381,920	0.99165	6,530,737	68.01
5-9	0.00093	2.500	0.00466	95,137	444	474,576	0.99579	6,148,816	64.63
10-14	0.00075	2.500	0.00375	94,693	355	472,580	0.99479	5,674,240	59.92
15-19	0.00134	2.500	0.00667	94,339	629	470,120	0.99200	5,201,660	55.14
20-24	0.00188	2.500	0.00934	93,709	875	466,359	0.99055	4,731,540	50.49
25-29	0.00192	2.500	0.00957	92,834	888	461,951	0.98981	4,265,181	45.94
30-34	0.00218	2.500	0.01082	91,946	995	457,243	0.98771	3,803,230	41.36
35-39	0.00277	2.500	0.01378	90,951	1,253	451,623	0.98327	3,345,987	36.79
40-44	0.00398	2.500	0.01973	89,698	1,769	444,067	0.97503	2,894,364	32.27
45-49	0.00616	2.500	0.03033	87,929	2,667	432,977	0.96150	2,450,297	27.87
50-54	0.00961	2.500	0.04694	85,262	4,002	416,307	0.94025	2,017,319	23.66
55-59	0.01519	2.500	0.07319	81,260	5,947	391,433	0.90821	1,601,013	19.70
60-64	0.02370	2.500	0.11186	75,313	8,425	355,503	0.86110	1,209,579	16.06
65-69	0.03700	2.500	0.16935	66,888	11,328	306,123	0.79155	854,076	12.77
70-74	0.05859	2.500	0.25552	55,561	14,197	242,311	0.69296	547,953	9.86
75-79	0.09268	2.500	0.37623	41,364	15,562	167,912	0.45062	305,642	7.39
80+	0.18733	5.338	1.00000	25,801	25,801	137,730		137,730	5.34

Source: OPS, 2005 Census, Population Analysis Spreadsheets, U.S. Census Bureau

Table 7.5. Female Abridged Life Table, Palau: 2005

Age	nMx	nax	nqx	lx	ndx	nLx	5Px	Tx	ex
0	0.02449	0.12	0.02397	100,000	2,397	97,895	0.97396	7,210,154	72.1
1-4	0.00136	1.48	0.00540	97,603	527	389,085	0.99548	7,112,259	72.9
5-9	0.00049	2.50	0.00246	97,075	239	484,780	0.99777	6,723,174	69.3
10-14	0.00040	2.50	0.00201	96,837	194	483,698	0.99739	6,238,394	64.4
15-19	0.00064	2.50	0.00321	96,642	310	482,436	0.99608	5,754,697	59.5
20-24	0.00093	2.50	0.00463	96,332	446	480,547	0.99486	5,272,260	54.7
25-29	0.00114	2.50	0.00566	95,887	543	478,075	0.99371	4,791,714	50.0
30-34	0.00139	2.50	0.00692	95,343	659	475,068	0.99201	4,313,639	45.2
35-39	0.00182	2.50	0.00908	94,684	860	471,270	0.98909	3,838,571	40.5
40-44	0.00257	2.50	0.01276	93,824	1,198	466,127	0.98397	3,367,301	35.9
45-49	0.00390	2.50	0.01933	92,627	1,791	458,657	0.97583	2,901,173	31.3
50-54	0.00591	2.50	0.02910	90,836	2,643	447,572	0.96348	2,442,517	26.9
55-59	0.00903	2.50	0.04417	88,193	3,895	431,227	0.94324	1,994,944	22.6
60-64	0.01449	2.50	0.06993	84,298	5,895	406,752	0.90792	1,563,718	18.5
65-69	0.02461	2.50	0.11591	78,403	9,087	369,297	0.84819	1,156,966	14.8
70-74	0.04258	2.50	0.19242	69,316	13,337	313,235	0.75555	787,669	11.4
75-79	0.07306	2.50	0.30889	55,978	17,291	236,663	0.50117	474,434	8.5
80+	0.16271	6.15	1.00000	38,687	38,687	237,770		237,770	6.1

Source: 2005 Census, Population Analysis Spreadsheets, U.S. Census Bureau

Table 7.5 shows the female abridged life table. Here, the average female, when she is born, is likely to live about 72.1 years. The other columns have significance to demographers, but we won't describe them here.

Table 7.6 shows summary demographic indicators based on population by age and sex and total deaths. This spreadsheet computes the Coale-Demeny West region model life tables, by sex, consistent with the population, by age and sex, and the crude death rates. In 2000, the life expectancy for females was 72 years and for males has 66 years.

Table 7.6. Summary Demographic Indicators, Palau: 2005

Item	Both sexes	Male	Female
Life expectancy	69.13	66.27	72.10
Infant mortality rate	0.032	0.040	0.024
Crude birth rate per 1,000 population	14.00	13.29	14.82
Crude death rate per 1,000 population	6.72	7.00	6.40
Rate of natural increase (%)	0.727	0.629	0.842
Total deaths	134	75	59

Source: OPS, 2005 Census, U.S. Census Bureau, Population Analysis Spreadsheets

CONCLUSIONS

Palau continues to experience continued low mortality, and, therefore, high life expectancy at birth. Female life expectancy at birth was 72 years, based on the 2005 census. Both age specific mortality and infant mortality rates are low. Health care on island is very good, with both access and attention very high. Mortality data are not collected directly in Palau's censuses. Some countries collect data on deaths in the last year to get information to check against vital registration, but Palau has complete registration, so those data are not needed.