

## Chapter 2

# Population Statistics

### Summary of Population Statistics

This chapter presents population statistics. Palau's estimated population in mid 2003 was 20,300. Palau's population increased from 17,225 in 1995 to 19,129 in 2000, an increase of 1,904. Of the total population, 10,450 were males and 8,679 were females. Palau had 120 males per 100 females. The annual average growth rate declined from 2.6 percent to 2.1 percent between 1995 and 2000.

The Median Age increased from 28.1 years in 1995 to 30.8 in 2000. Population density increased as well from 92 persons per square mile in 1995 to 112 persons per square mile in 2000. Koror state, the present capital of Palau, in 2000, had the highest population density of 1,900 persons per square mile. About 80 percent of the population lived in households while 19 percent lived in group quarters. Palauan citizens represented 70 percent of the population and Non-Palauans represented 30 percent.

Population growth in the Republic of Palau has remained relatively constant over the last two decades at between 2.1 and 2.6 percent per year. The population remains more urban than rural - about 7 in every 10 Palau residents were living in Koror (the urban area).

Table 2.1 Population and Growth Rate: 1980 to 2000

Census Year	Population	Average Annual Growth Rate (%)	Urban Population		Rural Population	
			Number	Percent	Number	Percent
1986	13,873	2.3	9,442	68.1	4,431	31.9
1990	15,122	2.2	10,501	69.4	4,621	30.6
1995	17,225	2.6	12,299	71.4	4,926	28.6
2000	19,129	2.1	13,303	69.5	5,826	30.5

Sources: Various Census Reports and 2000 Census of Population and Housing, Republic of Palau

Note: Urban Population is the population of Koror State and Rural Population is the sum population of all the other states of Palau.

Table 2.2 Land Area and Population Density by State of Residence: 2000

State of Residence	Land Area		Population	Population Density	
	Sq. Mi.	Sq. Km.		Per Sq. Mi.	Per Sq. Km.
<b>Total</b>	<b>171</b>	<b>444</b>	<b>19,129</b>	<b>112</b>	<b>43</b>
Aimeliik	20	52	272	14	5
Airai	17	44	2,104	124	48
Angaur	3	8	188	63	24
Hatohebei	1	3	23	23	8
Kayangel	1	3	138	138	46
Koror	7	18	13,303	1,900	739
Melekeok	11	28	239	22	9
Ngaraard	14	36	638	46	18
Ngarchelong	4	10	286	72	29
Ngardmau	18	47	221	12	5
Ngaremlengui	25	65	367	15	6
Ngatpang	18	47	280	16	6
Ngchesar	16	41	267	17	7
Ngiwal	10	26	193	19	7
Peleliu	5	13	571	114	44
Sonsorol	1	3	39	39	13
Rock Islands	18	47	-	-	-

About 112 people per square mile were living in Palau in 2000. Koror was the most crowded state, with almost 2000 per square mile. Many of the northern States on Babeldaub had fewer than 20 people per square mile.

Sources: 1990 Census Monograph & 2000 Census of Population and Housing, table 6, Republic of Palau

Figure 2.1 Population Distribution by State of Residence: 2000

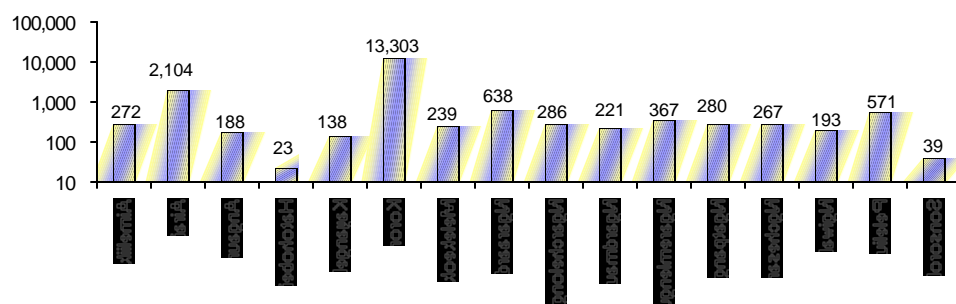


Table 2.3 Population by State of Residence: 1980 to 2000

State of Residence	Population				
	1980	1986	1990	1995	2000
<b>Total</b>	<b>12,116</b>	<b>13,873</b>	<b>15,122</b>	<b>17,225</b>	<b>19,129</b>
Aimeliik	273	283	439	419	272
Airai	668	1,021	1,234	1,481	2,104
Angaur	243	214	206	193	188
Hatohebei	74	35	22	51	23
Kayangel	140	115	137	124	138
Koror	7,585	9,442	10,501	12,299	13,303
Melekeok	261	254	244	261	239
Ngaraard	457	468	310	421	638
Ngardmau	160	157	149	162	286
Ngaremlengui	358	301	281	281	221
Ngatpang	166	219	62	221	367
Ngchesar	364	271	287	228	280
Ngerchelong	372	277	354	253	267
Ngiwal	267	218	234	176	193
Peleliu	609	545	601	575	571
Sonsorol	79	42	61	80	39
Rock Islands	40	11	-	-	-

Sources: Various Census Reports; 2000 Census of Population &amp; Housing, table 6, Republic of Palau

The population of Koror and Airai grew considerably during the two decades between 1980 and 2000. Koror's population almost doubled during the period, while Airai's tripled. Ngaraard state also increased during the 20 years, while most of the other States either remained at about their previous population levels, or declined.

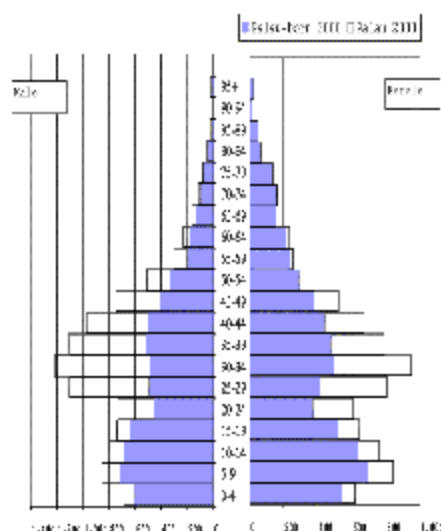
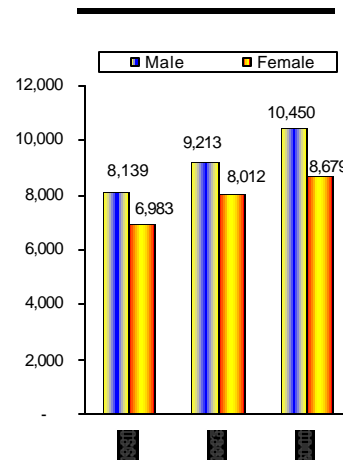


Table 2.4 Population by Age and Sex: 1990-2000

Age Group	Total			Male			Female		
	1990	1995	2000	1990	1995	2000	1990	1995	2000
<b>Total</b>	<b>15,122</b>	<b>17,225</b>	<b>19,129</b>	<b>8,139</b>	<b>9,213</b>	<b>10,450</b>	<b>6,983</b>	<b>8,012</b>	<b>8,679</b>
Less than 5	1,513	1,762	1,308	766	916	690	747	846	618
5 to 9	1,529	1,551	1,700	793	797	856	736	754	844
10 to 14	1,534	1,527	1,555	807	798	794	727	729	761
15 to 19	1,464	1,282	1,382	795	684	738	669	598	644
20 to 24	1,340	1,427	1,342	738	723	731	602	704	611
25 to 29	1,403	1,741	1,910	799	929	1,106	604	812	804
30 to 34	1,338	1,717	2,169	768	1,005	1,219	570	712	950
35 to 39	1,243	1,583	1,891	720	927	1,104	523	656	787
40 to 44	873	1,261	1,651	514	727	976	359	534	675
45 to 49	666	943	1,272	375	553	750	291	390	522
50 to 54	513	603	886	279	329	510	234	274	376
55 to 59	403	488	563	208	249	306	195	239	257
60 to 64	387	361	463	181	174	230	206	187	233
65 to 69	332	328	318	154	145	161	178	183	157
70 to 74	249	278	274	117	122	115	132	156	159
75 and over	335	373	445	125	135	164	210	238	281
Median Age	25.6	28.1	30.8	26.1	28.7	31.3	25.1	27.3	30.3

Source: Various Census Reports, 2000 Census of Population and Housing, Office of Planning &amp; Statistics

Figure 2.2 Population by Sex &amp; Year



Household and family sizes both decreased during the decade of the 1990s, by about half a person. Family size was larger than household size because households include single-person units; a single person does not constitute a family.

Table 2.5 Population by Relationship: 1990 to 2000

Relationship	1990	1995	2000
<b>Total persons</b>	<b>15,122</b>	<b>17,225</b>	<b>19,129</b>
<b>In households</b>	<b>14,440</b>	<b>14,439</b>	<b>15,520</b>
Householder	2,885	2,973	3,350
Family householder	2,445	2,650	2,951
Nonfamily householder	440	323	399
Spouse	1,847	1,955	2,116
Child	5,279	4,936	5,145
Other relatives	3,484	3,858	3,907
Nonrelatives	945	717	1,002
<b>In group quarters</b>	<b>682</b>	<b>2,786</b>	<b>3,609</b>
Inmate	67	105	64
Other	615	2,681	3,545
<b>Population per household</b>	<b>5.01</b>	<b>4.86</b>	<b>4.63</b>
<b>Population per family</b>	<b>5.34</b>	<b>5.06</b>	<b>4.78</b>

Sources: 1990 Census, tables 125 & 7; 1995 & 2000 Censuses, table 7, Republic of Palau

- Notes:
- (1) Population per household is the number of persons in households divided by the number of householders.
  - (2) Population per family is the number of (related) persons in families divided by the number of family householders.
  - (3) Persons in families exclude non-family householders and non-relatives
  - (4) Other relatives refer to any household member related to the householder by birth, blood, marriage, or adoption.
  - (5) Persons not living in households are classified as living in group quarters of institutional and non-institutional types.

Table 2.6 Age distribution by Gender &amp; Urban &amp; Rural Population: 2000

Age Group	Total Population	Total		Urban		Rural	
		Male	Female	Male	Female	Male	Female
<b>Total</b>	19,129	10,450	8,679	8,422	6,996	2,028	1,683
Less than 5	1,308	690	618	524	475	166	143
5 to 9	1,700	856	844	638	649	218	195
10 to 14	1,555	794	761	608	574	186	187
15 to 19	1,382	738	644	603	488	135	156
20 to 24	1,342	731	611	614	530	117	81
25 to 29	1,910	1,106	804	925	717	181	87
30 to 34	2,169	1,219	950	1,058	840	161	110
35 to 39	1,891	1,104	787	898	670	206	117
40 to 44	1,651	976	675	794	565	182	110
45 to 49	1,272	750	522	619	433	131	89
50 to 54	886	510	376	419	295	91	81
55 to 59	563	306	257	250	200	56	57
60 to 64	463	230	233	170	174	60	59
65 to 69	318	161	157	119	108	42	49
70 to 74	274	115	159	87	108	28	51
75 and over	445	164	281	96	170	68	111

Source: 2000 Census of Population and Housing, Republic of Palau

In 2000, Palau had more males than females, in the whole country, and in urban and rural areas. The biggest age categories were in the 25 to 39 year groups because of the selective immigration of foreigners into the Republic to work. Palau's birth rate is very low, as seen in the small number of people under 5 years old.

Table 2.7 Marital Status by Birthplace: 2000

Marital Status	Birthplace						
	Total	Palau	USA	Micro-nesia	Pacific Islands	Asia	Other Coun-
<b>Total 15yrs &amp; over</b>	<b>14,566</b>	<b>8,945</b>	<b>515</b>	<b>291</b>	<b>41</b>	<b>4,738</b>	<b>36</b>
Now Married	7,676	4,795	206	127	22	2,504	22
Legally	7,445	4,626	193	120	22	2,462	22
Consensually	231	169	13	7	-	42	-
Widowed	633	578	2	5	-	48	-
Divorced	363	299	11	3	2	47	1
Separated	253	183	9	3	-	58	-
Never Married	5,641	3,090	287	153	17	2,081	13

Source: 2000 Census of Population and Housing

Table 2.8 Age Specific Fertility Rate and Total Fertility Rate by Women 15-54 Years: 1990 to 2000

Age Group of Women	Age Specific Fertility Rate (ASFR)		
	1990	1995	2000*
15-19	0.045	0.055	0.025
20-24	0.151	0.129	0.093
25-29	0.185	0.105	0.095
30-34	0.111	0.076	0.075
35-39	0.054	0.075	0.047
40-44	0.019	0.024	0.030
45-49	0.003	0.003	0.002
<b>Total Fertility Rate (TFR)</b>	<b>2.84</b>	<b>2.33</b>	<b>1.83</b>

Sources: 1990 Census Monograph, table 6.12; 1995 Census; Bureau of Public Health, Republic of Palau

Note: (1) Age Specific Fertility Rate is the number of births in a year to mothers of a specified age per woman of the same age.

(2) Total Fertility Rate represents the average number of children a group of women of child-bearing age would have by the end of their reproductive years.

(3) (\*) Computed based on registered live births for Jan-Dec, 2000.

Table 2.9 Dependency Ratio: 1980 to 2000

Age Group	1980	1986	1990	1995	2000
<b>Total</b>	<b>12,116</b>	<b>13,873</b>	<b>15,122</b>	<b>17,225</b>	<b>19,129</b>
0 to 14 yrs	4,834	4,849	4,576	4,840	4,563
15 to 64 yrs	6,638	8,275	9,630	11,406	13,529
65 + yrs	644	749	916	979	1,037
<b>Dependency Ratio</b>	<b>82.5</b>	<b>67.6</b>	<b>57.0</b>	<b>51.0</b>	<b>41.4</b>

Source: Bureau of Budget and Planning, Ministry of Finance, Republic of Palau

Dependency ratio is the number of dependents (ages under 15 &amp; over 64 years) divided by the number of potential workers (ages 15 to 64 years)

More than half of all residents 15 years and over were married. Only a very small number were only consensually married – most residents were married in Church. Palau also had very few separated or divorced people. More Palau born and Aisia born were married than never married, but the reverse was true for those born in the United States and Micronesia.

The total fertility rate – the calculated average number of children a woman is likely to have during her reproductive period – decreased from about 3 children to about 2 children during the 1990s. Most of the reason for this decrease is the large number of foreign females coming to Palau to work, and not having children. The total fertility rate for Palau-born women only would be higher.

The dependency ratio indicates the number of workers needed to provide for the dependents – the higher the number, the harder the workers would have to work. Palau shows a steady decline in the dependency ratio because the Republic has few young people (a low birth rate) and few older people, but many people in the middle years, partly because of the large influx of foreign workers. The dependency ratio decreased by half between 1980 and 2000, with only 41 dependents for every 100 potential workers in 2000.

The total number of children per woman for all women 15 years and over decreased from 3.3 children in 1980 to 2.1 in 2000, a decrease of about one child per woman. As would be expected, the older the woman, the more children she was likely to have. For women 45 to 54 years old, the average number of children decreased from 6.7 in 1980 to only 3.0 in 2000, a decrease of almost 4 children per woman during the two decades.

Table 2.10 Children Ever Born by Women 15 Years &amp; Over: 1980 to 2000

Age Group	1980	1990	1995	2000
<b>Children Per Woman</b>	<b>3.29</b>	<b>2.79</b>	<b>2.48</b>	<b>2.13</b>
15 to 19 years	0.16	0.09	0.13	0.04
20 to 24 years	0.93	0.67	0.56	0.40
25 to 29 years	2.11	1.31	1.06	0.85
30 to 34 years	3.52	2.04	1.77	1.33
35 to 44 years	4.91	3.28	2.69	2.06
45 to 54 years	6.67	4.79	3.80	2.98
55 to 59 years	6.24	6.20	5.18	4.21
60 to 64 years	5.66	6.55	5.72	5.15
65 years and over	4.93	5.63	5.94	5.95
<b>Women</b>	<b>3,499</b>	<b>4,773</b>	<b>5,683</b>	<b>6,456</b>
15 to 19 years	708	669	598	644
20 to 24 years	455	602	704	611
25 to 29 years	411	604	812	804
30 to 34 years	315	570	712	950
35 to 44 years	503	882	1,190	1,462
45 to 54 years	389	525	664	898
55 to 59 years	217	195	239	257
60 to 64 years	137	206	187	233
65 years and over	364	520	577	597
<b>Children Ever Born</b>	<b>11,499</b>	<b>13,315</b>	<b>14,066</b>	<b>13,742</b>
15 to 19 years	110	58	79	23
20 to 24 years	423	401	397	243
25 to 29 years	869	789	864	681
30 to 34 years	1,109	1,165	1,262	1,266
35 to 44 years	2,468	2,896	3,205	3,019
45 to 54 years	2,596	2,517	2,525	2,679
55 to 59 years	1,353	1,209	1,239	1,081
60 to 64 years	775	1,350	1,069	1,200
65 years and over	1,796	2,930	3,426	3,550

Sources: Various Census Reports; 1995 Census & 2000 Census, table 58, Republic of Palau

Table 2.11 Males per 100 females by Age Group: 1990 to 2000

Age Group	Total			Male			Female			Males per 100 Females		
	1990	1995	2000	1990	1995	2000	1990	1995	2000	1990	1995	2000
<b>Total</b>	<b>15,122</b>	<b>17,225</b>	<b>19,129</b>	<b>8,139</b>	<b>9,213</b>	<b>10,450</b>	<b>6,983</b>	<b>8,012</b>	<b>8,679</b>	<b>117</b>	<b>115</b>	<b>120</b>
0 to 4 years	1,513	1,762	1,308	766	916	690	747	846	618	103	108	112
5 to 9 years	1,529	1,551	1,700	793	797	856	736	754	844	108	106	101
10 to 14 years	1,534	1,527	1,555	807	798	794	727	729	761	111	109	104
15 to 19 years	1,464	1,282	1,382	795	684	738	669	598	644	119	114	115
20 to 24 years	1,340	1,427	1,342	738	723	731	602	704	611	123	103	120
25 to 29 years	1,403	1,741	1,910	799	925	1,106	604	812	804	132	114	138
30 to 34 years	1,338	1,717	2,169	768	1,005	1,219	570	712	950	135	141	128
35 to 39 years	1,243	1,583	1,891	720	927	1,104	523	656	787	138	141	140
40 to 44 years	873	1,261	1,651	514	727	976	359	534	675	143	136	145
45 to 49 years	666	943	1,272	375	553	750	291	390	522	129	142	144
50 to 54 years	513	603	886	279	325	510	234	274	376	119	120	136
55 to 59 years	403	488	563	208	245	306	195	239	257	107	104	119
60 to 64 years	387	361	463	181	174	230	206	187	233	88	93	99
65 to 69 years	332	328	318	154	145	161	178	183	157	87	79	103
70 to 74 years	245	278	274	117	122	115	132	156	159	89	78	72
75 yrs and over	335	373	445	125	135	164	210	238	281	60	57	58

Source: 2000 Census of Population and Housing

The sex ratio is the number of males for each 100 females. Palau continues to have more males than females – in 2000, 120 males for every 100 females were in Palau. Because males have higher mortality, the sex ratio decreased with age.

Table 2.12 Projections of Population and Growth Rates, Births and Deaths, and Net Migrants : 2000-2025

Year	Midyear Population			Expo- nential Growth Rate (%)	Calendar Year Data					
	Both		Male		Female	Crude		Crude		Net Migrant Rate
	Sexes	Births				(CBR)	Deaths	(CDR)	Migrants	
2000	19,257	10,229	9,028	1.967	259	13.45	132	6.85	251	13.03
2001	19,626	10,415	9,211	1.898	267	13.60	133	6.78	226	11.52
2002	19,976	10,590	9,386	1.768	273	13.67	135	6.76	201	10.06
2003	20,304	10,752	9,552	1.629	278	13.69	135	6.65	176	8.67
2004	20,610	10,901	9,709	1.496	280	13.59	137	6.65	150	7.28
2005	20,891	11,036	9,855	1.354	281	13.45	137	6.56	126	6.03
2006	21,146	11,156	9,990	1.213	280	13.24	139	6.57	101	4.78
2007	21,373	11,261	10,112	1.068	277	12.96	141	6.60	75	3.51
2008	21,569	11,348	10,221	0.913	273	12.66	142	6.58	50	2.32
2009	21,734	11,418	10,316	0.762	268	12.33	144	6.63	25	1.15
2010	21,867	11,471	10,396	0.610	262	11.98	145	6.63	0	0.00
2011	21,979	11,512	10,467	0.511	255	11.60	147	6.69	0	0.00
2012	22,083	11,548	10,535	0.472	248	11.23	149	6.75	0	0.00
2013	22,178	11,579	10,599	0.429	242	10.91	151	6.81	0	0.00
2014	22,264	11,605	10,659	0.387	236	10.60	154	6.92	0	0.00
2015	22,342	11,626	10,716	0.350	232	10.38	157	7.03	0	0.00
2016	22,413	11,643	10,770	0.317	228	10.17	160	7.14	0	0.00
2017	22,478	11,657	10,821	0.290	226	10.05	164	7.30	0	0.00
2018	22,537	11,667	10,870	0.262	224	9.94	168	7.45	0	0.00
2019	22,590	11,674	10,916	0.235	223	9.87	172	7.61	0	0.00
2020	22,638	11,678	10,960	0.212	223	9.85	177	7.82	0	0.00
2021	22,682	11,680	11,002	0.382	223	9.83	181	7.98	0	0.00
2022	22,721	11,679	11,042	0.363	224	9.86	186	8.19	0	0.00
2023	22,757	11,676	11,081	0.353	225	9.89	191	8.39	0	0.00
2024	22,788	11,670	11,118	0.333	225	9.87	197	8.64	0	0.00
2025	22,813	11,661	11,152	0.305	224	9.82	202	8.85	0	0.00

The U.S. Census Bureau does Palau's estimates and projections. They assume much lower net immigration than is currently occurring. But, with their assumption that net migration will stop by 2010, our population is projected to remain at about 22,000 through much of the next 20 years.

Source: Center for International Research, U.S. Bureau of the Census

Table 2.13 Projected Life Expectancy at Birth, Infant Mortality Rate and Total Fertility Rate: 2000-2025

Year	Life Expectancy at Birth			Infant Mortality Rate			Total Fertility Rate
	Both sexes			Both sexes			
	sexes	Male	Female	sexes	Male	Female	Rate
2000	70.48	66.64	74.54	18.25	21.31	15.01	1.5350
2001	70.77	66.93	74.83	17.72	20.71	14.54	1.5383
2002	71.05	67.22	75.11	17.20	20.13	14.10	1.5416
2003	71.34	67.51	75.40	16.70	19.57	13.66	1.5449
2004	71.62	67.80	75.68	16.22	19.02	13.24	1.5482
2005	71.90	68.08	75.95	15.75	18.49	12.83	1.5515
2006	72.17	68.35	76.22	15.30	17.99	12.46	1.5548
2007	72.44	68.63	76.48	14.87	17.49	12.09	1.5581
2008	72.70	68.90	76.74	14.45	17.01	11.73	1.5614
2009	72.97	69.16	77.00	14.04	16.55	11.38	1.5647
2010	73.23	69.43	77.25	13.64	16.09	11.05	1.5680
2011	73.48	69.69	77.50	13.27	15.66	10.74	1.5713
2012	73.72	69.94	77.74	12.91	15.24	10.43	1.5746
2013	73.97	70.19	77.97	12.56	14.83	10.14	1.5779
2014	74.21	70.44	78.21	12.21	14.44	9.86	1.5812
2015	74.46	70.69	78.44	11.88	14.05	9.58	1.5845
2016	74.68	70.93	78.66	11.57	13.69	9.33	1.5878
2017	74.91	71.17	78.88	11.27	13.33	9.08	1.5911
2018	75.14	71.40	79.10	10.98	12.99	8.84	1.5944
2019	75.36	71.63	79.31	10.69	12.65	8.61	1.5977
2020	75.58	71.86	79.52	10.41	12.33	8.38	1.6010
2021	75.79	72.08	79.72	10.15	12.02	8.17	1.6043
2022	76.00	72.30	79.92	9.90	11.72	7.97	1.6076
2023	76.21	72.51	80.12	9.66	11.43	7.77	1.6109
2024	76.41	72.73	80.32	9.42	11.15	7.58	1.6142
2025	76.62	72.94	80.51	9.18	10.88	7.39	1.6175

Source: Center for International Research, U.S. Bureau of the Census

Notes: (1) Infant mortality rate is the number of infant deaths under one year of age divided by the number of live births occurring that year; it is shown as per thousand live births.

(2) Total Fertility Rate represents the average number of children a group of women of child-bearing age would have by the end of their reproductive years.