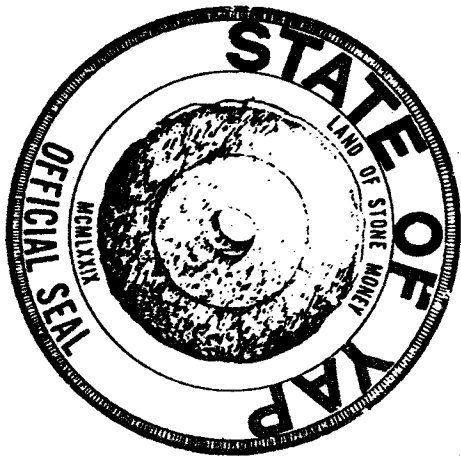


**YAP STATE  
FEDERATED STATES OF MICRONESIA**

**YAP STATE YEARBOOK OF STATISTICS.**



1985

and

Office of Planning, Budget, ~~and~~

~~P.O. Box 471~~

1980 State

Number 2  
Price \$5.00  
Dagupan

## INTRODUCTION

This yearbook represents the second publication of the recently established statistical function under the Office of Planning and Budget. This publication replaces the II Quarterly Bulletin of Statistics. The table format and contents of this yearbook differ significantly from the II Quarterly Bulletin. The primary emphasis of this yearbook is on the lucid presentation of economic and social statistics essential for development planning and decision making.

It is our utmost intention to provide, in a readily accessible form, important statistical information that is available on the economic and social aspects of the economy. However, this effort is limited by the inadequacy of recorded data at the sources, in places, wherever coverage is known to be incomplete, the estimates are shown as "not available".

This yearbook represents the efforts of the two statistical officials, Both Leo Chienyuen and Andrew Fairman have exerted exceptional professional dedication to this effort and have been able to provide for significant statistical base. Notes of appreciation are also extended to those in the Public and Private sectors who have made contributions to this publication. Without their support this publication would not have been possible.

Finally, comments and criticisms about this publication are welcome so that subsequent statistical publications can be improved and made more accessible to the public.

**John A. Mangote**

Governor

Yap State

Western Caroline Islands 96943

(1)

The temperature is not high, ranging in the 80's degrees Fahrenheit but humidity is fairly high. Yap is affected by the trade winds and the monsoon. The wettest months are from July to November when the rains come almost daily from West to Southwest.

451	Guam
4152	Honolulu
810	Manila
1695	Tokyo
8952	New York
9113	Boston

The distances from Yap to other places in nautical miles:

Yap State stretches from about 6 to 10 degrees North latitude and 137 to 148 degrees West Longitude. It consists of about 149 islands of which only 25 are inhabited. Most of the islands are of Volcanic origin and some are of raised limestone.

**GENERAL DESCRIPTION**

(111)

1. Symbols	2. Conversion Factors
-	indicates either zero or a value less than the given unit.
N/A	signifies not available.
(000's)	represents thousands of the given unit.
(\$000's)	represents thousands U.S. of dollars.
\$	represents U.S. Dollars.
Ave.	average.
Fy.	fiscal year (Oct. 1-Sept. 30 of following year).
Cy.	calendar year.
Kwh	Kilowatt-hours.
%	percentage.
	one hectare equals 2.47105 acres.
	one acre equals 0.40467 hectare.
	one acre equals 0.00405 square kilometers.
	one square kilometers equals 247.10500 acres.
	one square kilometers equals one square mile equals 2.58999 square kilometers.

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(14)

(17)

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10. EDUCATION

**SELECTED ECONOMIC AND SOCIAL STATISTICS IN YAP**



Table 1.0 SELECTED ECONOMIC AND SOCIAL STATISTICS

Series	Unit	1980	1981	1982	1983	1984	1985
1. General							
Land Area	Sq. Miles	45.8	45.8	45.8	45.8	45.8	45.8
Population	Number	8100	9630	9837	10057	10326	10577
Population Density	Number per Sq. Mile	177	210	214	219	225	231
2. Agriculture and Fisheries							
Copra Production	Tons	928	574	698	800	485	633
Volume of Fish Caught	Tons	N/A	7.2	2.8	13.7	9.9	25.2
3. Employment and Earnings							
Total Wage and Salary Employment	Number	1465	1747	1992	1717	1784	1748
Average Wage and Salary	Dollars	3337	2848	3316	3417	3059	3038
4. External Trade and Tourism							
Commercial Imports	\$000	N/A	N/A	3827	4230	N/A	N/A
Exports	\$000	290	N/A	N/A	211	205	185
Visitors	Number	1122	757	811	754	868	1316
5. Business and Finance							
Cooperative	Number	1	1	1	1	1	1
6. Transportation and Communication							
Motor Vehicle Registration	Number	225	350	517	557	475	666
7. Government Finance							
DOI Grants	\$000	N/A	5375	6017	6307	6750	6947
Federal Grants	\$000	N/A	1329	1381	1180	1545	1622
YSL Appropriation	\$000	N/A	907	964	1117	1632	1559
Revenues	\$000	N/A	N/A	1273	1408	1249	1371
8. Energy							
Fuel Consumption	Gallons	7610	N/A	8492	8675	9049	8128
Power Production	Kwh (000's)	4890	5035	5181	5327	5473	5619
9. Population							
0-14 Yrs	Number	3930	4074	4123	4213	4307	4401
15-64 Yrs	Number	4890	5035	5181	5327	5473	5619
Over 64 Yrs	Number	500	521	532	534	546	557

Table 1.0 Continue

Series	Unit	1980	1981	1982	1983	1984	1985
<b>10. Education</b>							
Enrollment:							
1-8	Number	N/A	1839	1940	2068	2069	2139
9-12	Number	N/A	533	534	546	503	513
Total	Number	N/A	2372	2474	2614	2572	2652
<b>Teacher:</b>							
1-8	Number	N/A	136	137	146	151	152
9-12	Number	N/A	43	43	45	46	42
Total	Number	N/A	179	180	191	197	194
<b>11. Health</b>							
Hospitals	Number	1	1	1	1	1	1
Dispensaries	Number	17	17	17	17	20	21
Outpatients	Number	4803	5114	4618	4817	4046	4847
Inpatients	Number	792	872	1171	1164	1152	1144
<b>12. Misc. Economic and Social Indicators</b>							
Crimes Reported	Number	411	360	103	229	277	340
Adults Arrests	Number	121	124	104	206	233	225
Juvenile Arrests	Number	40	29	63	131	101	105
Accidents	Number	30	16	23	17	33	43

Table 1.1 Geographical Features, 1980 Population and Densities

Island	Type of Island or Islet	Approximate Number	Area in Square Miles	1980 Population	Total Population	Person per Sq. Miles
Yap State	Complex (1)	149	45.9	405,1	8100	176
- Yap Proper (2)	of which:	15	38.7	10,1	5196	134
-Outer Islands		134	7.2	395,1	2904	403

Source:

- Planning and Budget

- 1980 Census of Population

(1) Yap Proper covers the municipalities of Runung, Map, Gagil, Tomil, Fanif, Meloy, Rul, Dalipebinam, Kanifay and Gilman.

(2) Soil is mostly chlorite, talcschist, amphiibolite, conglomerate and volcanic breccia.

Source: - Census of resident population; 1958, 1967, 1973, 1977 and 1980

Note: (1) Harbaa/Ningil covers the municipalities of Fanif, Weioy, Rull, Dalipebinaw, Kanitay and Gilman.

(2) Bureau of Census personnel have indicated that analysis of Yap State's 1980 census indicates a significant undercount. Projected population census indicated that the 1980 population could be approximately 9320.

Region/Year	1958	1967	1973	1977	1980(2)
Rumung	120	160	129	131	130
Map	300	303	300	322	319
Gagil/Tamli	903	896	1147	1244	1329
Harbaa/Ningil(1)	1920	2622	3412	3777	3418
Ulithi	460	549	710	859	710
Fais	234	213	180	195	207
Sorol	13	13	7	6	7
Nguu	45	18	9	16	21
Woleai	488	544	605	668	638
Eauripik	141	146	120	116	121
Ifalik	301	325	310	359	389
Farautep	118	149	102	147	132
Elato	40	48	32	54	51
Lamotrek	172	243	210	204	242
Satawal	285	389	340	382	386
Total	5540	6618	7613	8480	8100

Table 1.2 Historical Enumeration of Resident Population by Municipality/Island

GENERAL

Source: -National Weather Services, Yap.

Month/Year	1980	1981	1982	1983	1984	1985
January	2.32	12.90	7.30	1.25	5.33	14.46
February	4.60	8.00	12.58	0.27	9.59	3.29
March	6.42	2.89	7.50	2.76	3.90	6.70
April	7.72	1.10	2.62	1.36	2.21	8.83
May	10.57	5.05	10.49	3.59	1.77	6.81
June	13.52	10.77	32.01	6.98	12.38	18.65
July	17.84	18.54	13.04	16.14	9.59	11.52
August	9.52	13.61	14.26	16.59	15.33	15.49
September	12.71	19.03	13.93	12.59	6.41	17.34
October	13.41	14.22	9.34	8.37	17.29	10.31
November	7.20	10.12	4.95	13.56	12.03	5.79
December	14.52	11.01	7.01	5.38	5.44	14.32
Total Annual	120.35	127.24	135.03	88.84	101.27	133.51

Annual Rainfall ( in inches )

Table 1.3

GENERAL

Source: National Weather Services, Yap.

Month/Year	1980	1981	1982	1983	1984	1985
January	80.70	79.70	80.90	79.30	80.70	85.90
February	80.20	80.00	80.60	80.00	80.50	86.90
March	81.00	80.60	80.90	80.40	81.30	87.40
April	81.70	81.90	82.10	81.00	82.60	87.80
May	81.70	82.50	81.30	82.20	83.80	88.40
June	80.90	80.60	80.50	81.80	81.80	87.60
July	80.60	80.00	80.50	80.80	81.30	87.00
August	81.40	80.60	80.30	81.00	80.60	86.30
September	80.30	81.50	80.10	81.10	81.40	87.60
October	80.90	81.20	80.40	81.80	80.60	87.10
November	80.50	81.70	81.10	81.30	81.10	88.20
December	80.50	81.70	80.30	81.50	81.80	87.00
12 Months Average	80.90	81.00	80.80	81.00	81.50	87.30

Table 1.4 Average Temperature ( in Degrees Fahrenheit )

GENERAL

Year/Month	1980	1981	1982	1983(1)	1984	1985
January	192	116	181	361	152	102
February	168	168	163	331	116	177
March	264	283	217	374	252	219
April	264	294	239	370	279	198
May	192	269	143	389	322	227
June	150	174	101	380	166	134
July	120	194	122	391	257	185
August	155	176	87	385	88	119
September	120	203	165	365	211	78
October	173	164	223	369	111	139
November	206	175	263	351	155	174
December	159	171	297	359	110	91
12 Months Total	2164	2388	2236	4426	2219	1843
12 Months Average	180	199	186	369	185	153

Source: National Weather Services, Yap State.

Note: (1) There was a bad drought in 1983

GENERAL

Table 1.5

Sunshine Hours

**AGRICULTURE AND FISHERIES**



AGRICULTURE AND FISHERIES

Copra Production

Table 2.1

Year	Production (R/T)	Price/Ton(\$)	Value (\$000)
1980	928	273	253
1981	574	240	138
1982	698	210	147
1983	800	240	192
1984	485	315	153
1985	663	260	165

Source:

-Yap Cooperative Association

-Maab Transportation Company

-Tonnage in Revenue ton which

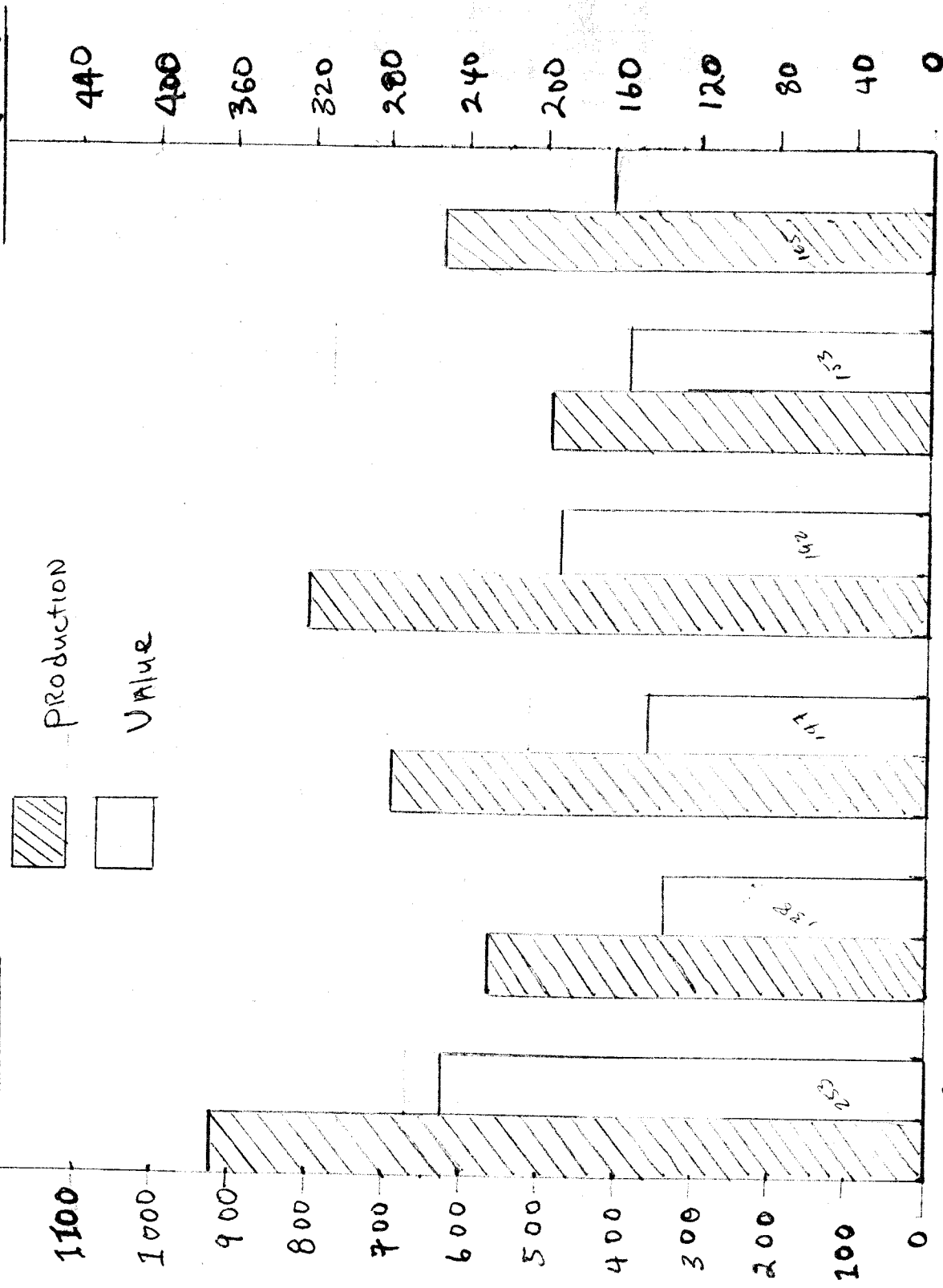
is the greater of 40 cu.ft. or 2000 lbs.

Note:

Tonnes (in revenue tons)

Production  
Value

Value (£000)



1100

1000

900

800

700

600

500

400

300

200

100

0

440

400

360

320

280

240

200

160

120

80

40

0

1980

1981

1982

1983

1984

1985

AGRICULTURE AND FISHERIES

Table 2.2

Volume and Value of Fish Caught

Year	Catch (lbs)	Value (\$000)
1980	N/A	N/A
1981	14309	10
1982	5651	4
1983	27342	20
1984	19862	16
1985	50410	37

Source: -Yap Fishing Authority

Note:

These figures only show the total volume of fish caught by some local fishermen and Yap Fishing Authority. Reef and off-shore fish have been combined to obtain the total catch for each year. It should be noted that these figures may not reflect the actual catch for each year as only Yap Fishing Authority keeps records of these catches. It should be further noted that both subsistence and commercial fishermen often sell parts of their catch directly to the public.

**EMPLOYMENT AND EARNINGS**

EMPLOYMENT AND EARNINGS

Table 3.1 Employment by Wage Earners and Traditional Sectors

	1	9	8	3
Male	1041	303		
Female		2167	2470	
Wage Jobs	1189	3356		
Traditional Sectors	2230	4700		
Total				

Source: Manpower and Labor Division.

Note: The September 1983 Survey of Employment and Training needs has an estimated of 5250 resident persons in the labor force, of whom about 550 were still undertaking education. This leaves a resident labor force of 4700, of which 28.6% in wage jobs and 71.4% in the traditional sector. 46.7% of males in the labor force has wage jobs as against the 53.3% males in the traditional sector. 12.3% of females in the labor force has wage jobs as against the 87.7% females in the traditional sector. 77.5% of the total wage earners are males and only 22.5% are females.

EMPLOYMENT AND EARNINGS

Yap State Wage Employment by Occupation

Occupational Group	Sept. 1983			1977 Total 1980 Total		
	Public Sector	Private Sector	Total Non-Resident of which	1977 Total	1980 Total	1977 Total
Professional, Technical and related workers	521	40	561	347	337	38
Administrative and Managerial workers	72	15	87	14	125	14
Clerical and related workers	107	76	183	156	151	6
Sales workers	-	63	63	46	72	3
Service workers	88	58	146	109	169	2
Agriculture, Livestock, Fishing and Forestry workers	7	6	13	40	18	5
Production, Construction and Transport workers	149	307	456	370	287	28

Source: -1980 Census, Manpower and Labor Division.

Note: 1977 and 1980 data were not separated by sector or by residence.

EMPLOYMENT AND EARNINGS

Public Employment by Salary Level

Table 3.3

Year	Less than 2000	2000 to 3000	3000 to 4000	4000 to 5000	5000 to 6000	6000 to 7000	7000 to 8000	8000 to 9000	9000 to 10000	10000 to 15000	15000 to 20000	20000 to 24999	24999 to 29999	29999 to 30000	Total
1980	59	252	194	97	82	36	20	17	14	8	6	2	1	788	
1981	153	339	172	134	75	31	29	17	7	3	6	10	1	986	
1982	122	305	156	121	97	47	30	24	14	17	9	3	1	946	
1983	127	261	182	122	103	44	35	29	15	22	9	6	1	956	
1984	132	221	207	128	108	50	28	37	16	25	10	7	1	970	
1985	48	235	196	106	104	72	26	27	16	23	16	8	-	877	

Year	Other	Micro.	Other	Micro.	Other	Micro.	Other	Micro.	Other	Micro.	Other	Micro.	Other	Total
1980	-	-	1	-	-	82	36	20	17	14	8	6	2	788
1981	1	153	4	172	134	75	31	29	17	7	3	6	10	986
1982	-	122	1	305	156	121	97	47	30	24	14	9	3	946
1983	-	127	-	261	182	122	103	44	35	29	15	22	9	956
1984	-	132	-	221	207	128	108	50	28	37	16	25	10	970
1985	-	48	-	235	196	106	104	72	26	27	16	23	16	877

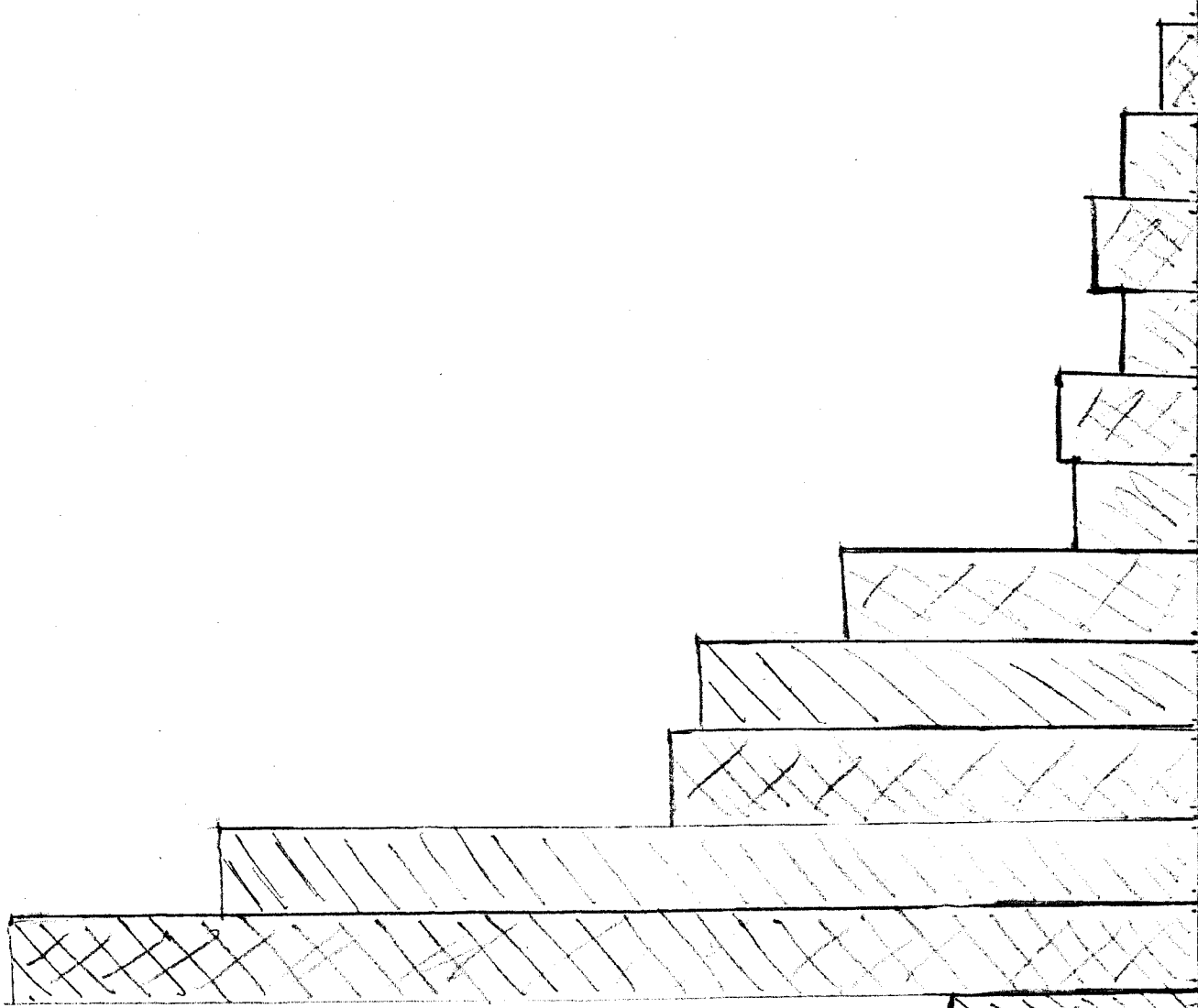
Source: Personnel Office, Yap State.

Note: Personnel Listing as of September 30 of each year.

(5000)

(%)

28.0  
26.0  
24.0  
22.0  
20.0  
18.0  
16.0  
14.0  
12.0  
10.0  
8.0  
6.0  
4.0  
2.0  
0



2.000  
2.999  
3.000  
4.000  
4.999  
5.999  
6.999  
7.999  
8.999  
9.999  
10.999  
24.999

1,999

20,000



EMPLOYMENT AND EARNINGS

Private Employment by Salary Level

Table 3.4

Year	Less than 2000	2000 to 3000	3000 to 4000	4000 to 5000	5000 to 6000	6000 to 7000	7000 to 8000	8000 to 9000	9000 to 10000	10000 to 15000	15000 to 20000	20000 to 24999	24999 to 29999	29999 or More	Total Employ.
1980	514	55	12	11	4	1	2	1	1	2	1	-	-	-	604
Other	10	-	9	3	6	4	2	3	2	1	-	-	-	-	40
1981	563	64	22	6	12	1	3	1	2	5	-	-	1	-	680
Other	5	2	4	6	3	7	2	1	-	3	1	-	-	1	35
1982	625	108	60	26	19	7	3	2	1	7	1	-	-	1	860
Other	17	7	6	13	11	19	20	22	9	14	4	3	1	2	148
1983	483	86	41	16	16	4	7	1	1	6	2	1	-	-	664
Other	-	-	2	4	7	10	10	15	9	6	-	1	1	-	65
1984	516	75	32	29	19	15	8	3	18	5	7	1	-	-	712
Other	-	-	5	7	6	12	1	18	13	11	1	-	-	-	74
1985	545	83	31	26	18	21	8	6	19	8	7	1	2	-	756
Other	-	-	-	10	6	15	-	14	11	11	1	-	1	-	77

Source: Headquarters, Salipan, Revenue Division, FSM National Revenue Office.

**EXTERNAL TRADE AND TOURISM**

EXTERNAL TRADE AND TOURISM

Visitor Arrivals by Purpose of Visits

Table 4.1

Year/Quarter	Visitors Business	Employment	Military	Religious	Seamen	Others	Total
1980	1122	358	107	10	46	251	2018
Q-1	371	113	19	-	-	15	534
Q-2	192	79	11	2	8	-	351
Q-3	246	72	29	3	28	95	516
Q-4	313	94	48	5	10	141	617
1981	757	433	211	54	40	896	2422
Q-1	231	111	72	18	18	173	725
Q-2	176	142	50	22	4	199	606
Q-3	184	95	55	5	11	207	580
Q-4	166	85	34	9	7	190	511
1982	811	523	278	37	53	1031	2780
Q-1	213	131	69	3	11	231	663
Q-2	210	128	66	10	17	246	691
Q-3	194	136	82	19	9	306	762
Q-4	194	128	61	5	16	248	664
1983	754	552	292	61	67	1151	2911
Q-1	197	182	109	11	11	388	906
Q-2	154	146	95	22	19	217	664
Q-3	192	126	47	3	23	294	690
Q-4	211	98	41	25	14	252	651
1984	868	414	146	47	41	1297	2841
Q-1	262	109	49	11	10	309	756
Q-2	253	89	52	33	18	355	820
Q-3	211	95	15	-	5	301	559
Q-4	-	-	-	-	-	-	-
1985	1316	352	82	46	28	1478	3337
Q-1	446	167	7	6	7	653	1293
Q-2	186	155	27	25	3	273	673
Q-3	348	30	21	13	5	277	710
Q-4	336	-	27	2	13	275	658

Source:

Immigration and Labor Division, Yap.

Note:

Peace Corps is included with employment.

EXTERNAL TRADE AND TOURISM

Visitor Arrivals by Country and Region of Origin

Year/Quarter	North America(1)	Japan	Pacific Islands	Asia (2)	Europe (3)	New Zealand	Australia	Pacific Islands (4)	Others	Total
1980	2088	258	129	77	24	2	3	2018		2018
Q-1	317	147	31	13	20	4	-	584		584
Q-2	211	78	20	15	15	4	2	351		351
Q-3	248	116	79	48	17	11	-	516		516
Q-4	260	228	58	49	22	5	-	617		617
1981	986	328	384	250	127	23	19	2422		2422
Q-1	244	173	138	72	42	8	1	725		725
Q-2	227	131	142	77	30	6	-	606		606
Q-3	177	126	147	66	38	6	-	580		580
Q-4	188	158	112	88	27	8	18	511		511
1982	920	517	992	154	148	38	4	278		278
Q-1	218	148	173	68	23	9	2	663		663
Q-2	218	147	251	30	34	10	-	691		691
Q-3	247	108	317	18	47	7	1	782		782
Q-4	220	117	281	21	39	13	1	664		664
1983	930	433	899	184	134	28	6	2911		2911
Q-1	259	270	328	103	44	2	1	986		986
Q-2	234	118	248	21	37	6	3	664		664
Q-3	209	118	266	36	32	3	-	690		690
Q-4	278	133	163	24	15	13	4	681		681
1984	924	558	801	344	137	25	35	2841		2841
Q-1	268	134	160	75	43	7	1	756		756
Q-2	288	149	272	79	28	6	5	820		820
Q-3	235	162	151	79	45	5	27	706		706
Q-4	160	70	138	110	22	2	-	559		559
1985	1085	513	556	918	128	55	40	3337		3337
Q-1	357	166	164	478	75	29	14	1266		1266
Q-2	253	91	134	162	26	8	3	677		677
Q-3	240	164	111	148	23	12	19	712		712
Q-4	235	92	147	138	34	17	4	662		662

Sources:  
Immigration and Labor Office, Yap.

(1) North America - United States and Canada.

(2) Other Asia - Other Countries in the Asian Region besides Japan and Philippines.

(3) Europe - Countries in Europe.

(4) Pacific Islands - Countries in the Pacific Region.

EXTERNAL TRADE AND TOURISM

Table 4.3

Tourist Revenue: 1980-1985

Year	Number of Tourists	Revenue (\$000)
1980	1122	202
1981	737	136
1982	811	146
1983	734	136
1984	688	156
1985	1818	257

Sources:

-Immigration and Labor Office, Yap.

-Tourism and Commerce, Department of Resource and Development.

Notes:

The Hotel capacity in Yap is 26 rooms and the occupancy rate is 80 percent. Each tourist stays on an average of three days. The total number of tourists always present in Yap is three (3) person on average. The daily expenditures is calculated to be 60 dollars per day. Based on our calculation the tourists represent approximately 80 percent of the market (renting room) for the two hotels in Colonia. It is assumed an occupancy rate of 80 percent for the hotels the number of tourists can increase to 2200 per year.

EXTERNAL TRADE AND TOURISM

Table 4.4 Export by Commodity and Destination

Commodity/Destination	1980 Value (\$000)	1983 Value (\$000)	1984 Value (\$000)	1985 Value (\$000)
Copra	451	192	153	145
Tropical Shell	37	4	11	-
Fish	-	2	12	9
Bananas	-	4	13	11
Beefmeat	-	8	10	-
Handicrafts	-	-	1	-
Total	488	211	208	185

Sources: -Karb Transportation Company,  
-Yap Fishing Authority,  
-Handicraft Shop.

Note: 1981 and 1982 data were not available.

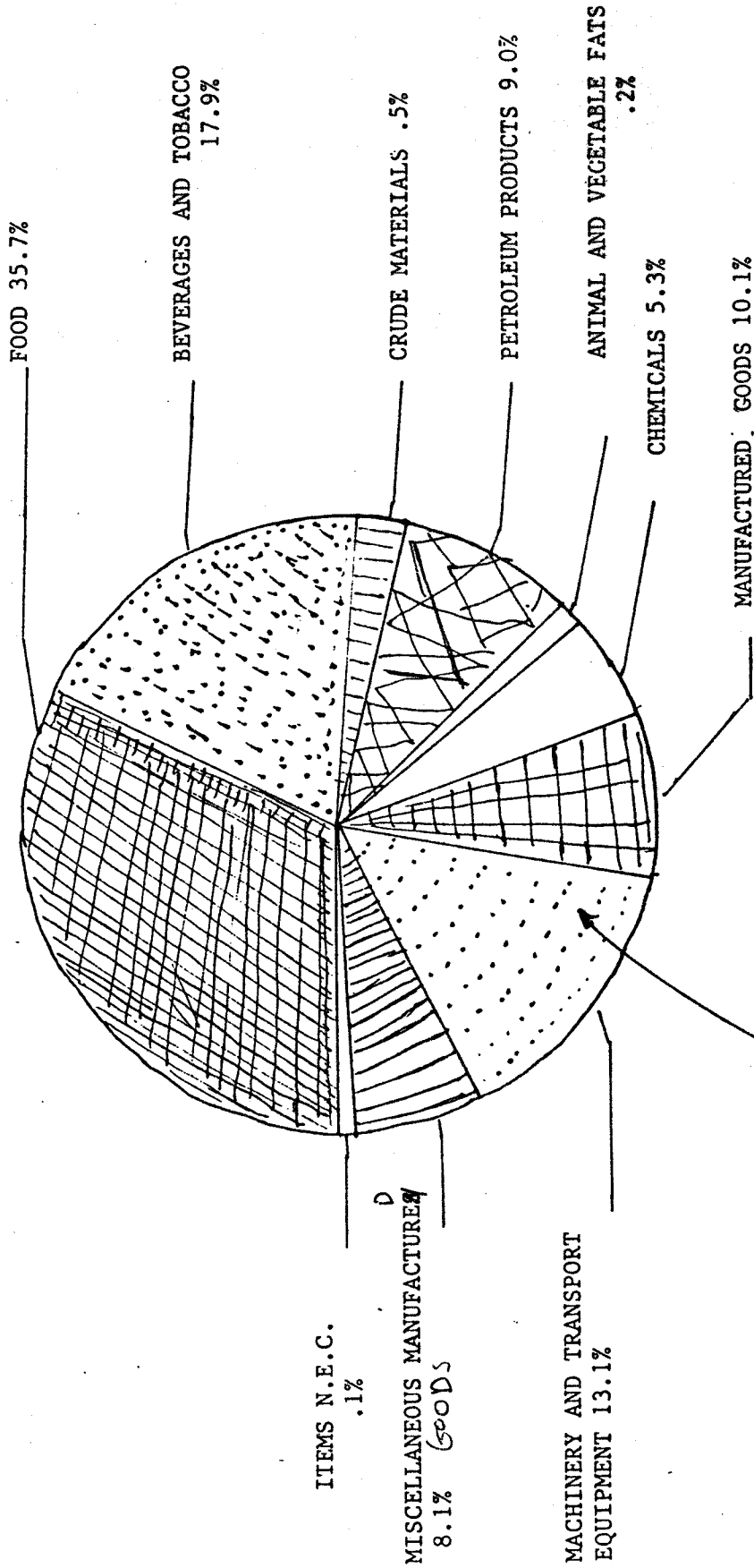
Imports included only taxable goods purchased for commercial use. Petroleum products are included in this table, though they are reported under a separate tariff structure. The imports are valued at Free-On-Board (F.O.B) prices, Government and Non-Commercial imports are completely omitted from this table.

Sources: -FIM 1981 Statistical Yearbook, -Revenue Office, Yag.

Commodity Group	1978 Value (\$000)	1982 Value (\$000)	1988 Value (\$000)
Food	1024	1077	1085
Beverages and Tobacco	514	528	545
Crude Materials	18	109	92
Petroleum Products	250	7	7
Animal and Vegetable Fats	7	14	13
Chemicals	152	228	178
Manufactured Goods	289	424	497
Machinery and Transport Equipment	378	584	562
Miscellaneous Manufactures	282	257	350
Commodities not elsewhere classified	2	-	15
<b>Total</b>	<b>2971</b>	<b>3927</b>	<b>4381</b>

Table 4.3 Value of Commercial Imports by Commodity Group

1978 COMMERCIAL IMPORTS

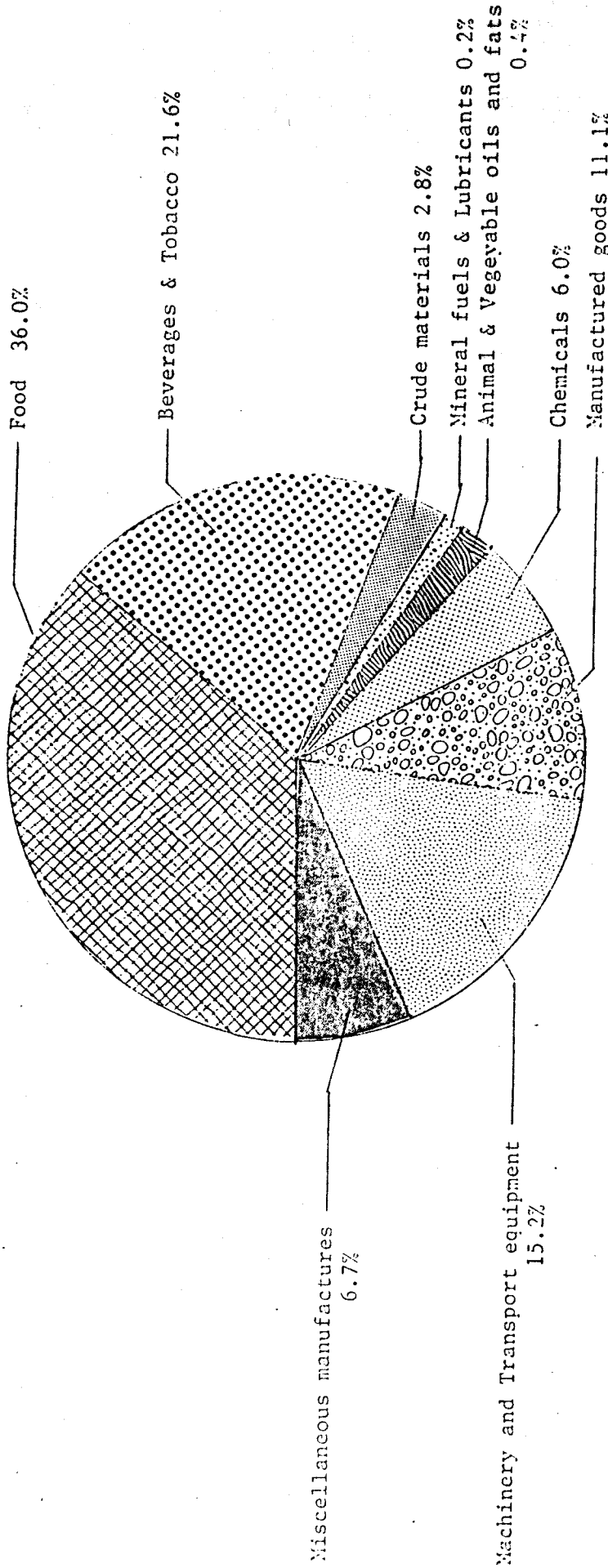


SOURCE: Table 4.5

*Should use same quality graphics as in ~~table~~ fig. Figure on page 273. Might be helpful to get both on same page for comparison.*



1982 Commercial Imports



\$3,827,690

SOURCE: Table 4.5

*The fact that our pie chart  
~~contains~~ contains petroleum  
 imports and they other  
 does not present a distorted  
 picture of change in the  
 two years.*