

# *YAP STATE*

## *STATISTICAL YEARBOOK*

*1995*



*Office of Planning and Budget  
P.O. Box 471  
Colonia, Yap State 96943*

# ***YAP STATE***

## ***STATISTICAL YEARBOOK***

***1995***

***Office of Planning and Budget  
P.O. Box 471  
Colonia, Yap State 96943***

LETTER FROM THE GOVERNOR

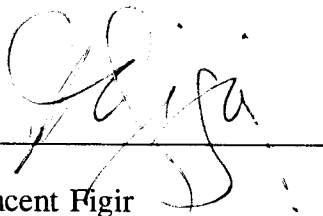
Citizens of Yap State:

This publication is the sixth Statistical Bulletin published by the statistics section of the Office of Planning and Budget. The primary emphasis of this publication is on the lucid presentation of economic and social statistics essential for development planning and policy decision making.

It is our intention to provide in a readily accessible form, important statistical information on the economic and social aspects of Yap State's economy. However, this effort is limited by the inadequacy and inavailability of recorded data and limited manpower in the data gathering process. Wherever coverage is known to be incomplete, it is indicated by the words "not available" or "NA".

This publication represents the effort of Francis Yoror and Leo Chiengyen. Both have exerted exceptional professional dedication in their efforts and have been able to provide for a significant statistical base. Special thanks to Michael J. Levin, of the U.S. Bureau of the Census' Population Division, who helped us reprocess the 1987 Census data, and who is helping us reformat the yearbook. Notes of appreciate 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.



---

Vincent Figir  
Governor, Yap State

### GENERAL DESCRIPTION

Yap State stretches from about 6 to 10 degrees North latitude and 137 to 148 degrees West longitude and encompasses approximately 500,00 square miles of area. The State consists of about 78 islands of which only 22 are inhabited. Most of the islands are of volcanic origin and some are of raised limestone.

NOTES TO THE TABLES	
Symbols	Description
0	Indicates zero
N/A	Not available
(000s)	Thousands of the given unit
(\$000s)	Thousands of US dollars
(\$)	US dollars
Ave.	Average
Fy.	Fiscal year (Oct 1 - Sept 30 of the following)
Cy	Calendar year
Kwh	Kilowatt hour
%	Percent
-	Value is less than the given unit

UNITS OF MEASURE					
1	inch	2.54	centimeter	.0254	meter
.3937	inch	1	centimeter	.01	meter
1	foot	30.48	centimeter	.3048	meter
3.28084	feet	100	centimeter	1	meter
1	yard	91.44	centimeter	.9144	meter
1.093613	yard	100	centimeter	1	meter
1	statute mile	1,609.344	meter	1.609344	kilometer
.621371	statute mile	1,000	meter	1	kilometer
1	nautical mile	1,853.184	meter	1.853184	kilometer
.539612	nautical mile	1,000	meter	1	kilometer

TABLES OF CONTENTS

LETTER FROM THE GOVERNOR .....	i
GENERAL DESCRIPTION .....	ii
NOTES TO THE TABLES .....	ii
UNITS OF MEASURE .....	iii
SECTION 1: METEOROLOGY .....	1
Table 1.0. Inches of Rainfall by Month and Year: 1990 to 1994 .....	2
Table 1.1. Average Temperature in Degrees Fahrenheit by Month and Year: 1990 to 1994 .....	2
Table 1.2. Sunshine Hours by Month and Year: 1990 to 1994 .....	3
SECTION 2: AGRICULTURE AND FISHERIES .....	4
Table 2.0. Copra Production and Value: 1989 to 1990 .....	5
Table 2.1. Volume and Value of Fish Caught by Yap Fishing Authority: 1989 to 1994 .....	5
SECTION 3: EMPLOYMENT AND EARNINGS .....	6
Table 3.0. Population Aged 15 Years and Over by Economic Activity, Sex, and Place: 1987 .....	7
Table 3.1. Population Aged 15 Years and Over by Socioeconomic Status, Sex, and Place: 1987 .....	7
Table 3.2. Public Employment by Salary Level: 1987 to 1992 .....	8
SECTION 4: INTERNAL AND EXTERNAL TRADE AND TOURISM .....	9
Table 4.0. Visitor Arrivals by Purpose of Visit and Quarter: 1988 to 1992 .....	10
Table 4.1. Value of Export by Commodity and Destination: 1989 to 1993 .....	11
Table 4.2. Value of Commercial Imports by Commodity Group: 1990 to 1993 .....	11
SECTION 5: BUSINESS AND FINANCE .....	12
SECTION 6: TRANSPORTAION AND COMMUNICATION .....	13
Table 6.0. Registered Motor Vehicle by Type: 1987 to 1992 .....	14
Table 6.1. Cargo and Passenger Movement by Field Trip Vessel: 1988 to 1992 .....	14
Table 6.2. Foreign Vessels Arriving by Type, Number, Voyages, and Tonnage: 1990 to 1994 .....	14
Table 6.4. Inbound and Outbound Cargo by Tonnage: 1988 to 1992 .....	15
Table 6.5. Number of Arrivals, Departures and Flights: 1989 to 1993 .....	15
Table 6.6. Inbound and Outbound Air Freight by Tonnage: 1988 to 1992 .....	16

SECTION 7: GOVERNMENT FINANCE . . . . .	17
Table 7.0. Appropriations to Government Agencies and Departments: FY 1992 . . . . .	18
Table 7.1. Revenue Collections: 1987 to 1992 . . . . .	19
SECTION 8: ENERGY . . . . .	20
Table 8.0. Power Production: 1989 to 1993 . . . . .	21
SECTION 9: POPULATION . . . . .	22
Table 9.0. Geographical Features, Population and Density: 1994 . . . . .	23
Table 9.1. Yap State Population by Municipality/Island (Selected Census Years): 1935-1994 . . . . .	23
Table 9.2. Projections by Age and Sex: 1992 to 2000 . . . . .	24
Table 9.3. Registered Live Births by Sex: 1988 to 1992 . . . . .	24
Table 9.4. Registered Deaths by Sex: 1988 to 1992 . . . . .	25
Table 9.5. Crude Birth, Crude Death and Infant Mortality Rate: 1988 to 1992 . . . . .	25
Table 9.6. Population by Five Year Age Group: 1973 . . . . .	26
Table 9.7. Population by Five Year Age Group: 1980 . . . . .	27
Table 9.8. Population by Five Year Age Group: 1987 . . . . .	28
SECTION 10: EDUCATION . . . . .	29
Table 10.0. High School Graduates by Sex: 1989-90 to 1993-94 . . . . .	30
Table 10.1. Schools by Type: 1990-91 to 1994-95 . . . . .	30
Table 10.2. Yap Proper School Enrollment by School and Sex: 1990-91 to 1994-95 . . . . .	31
Table 10.3. Teachers in Yap Proper Schools: 1990-91 to 1994-95 . . . . .	32
Table 10.4. Outer Islands School Enrollment by School and Sex: 1990-91 to 1994-95 . . . . .	33
Table 10.5. Outer Islands Teachers by: 1990-91 to 1994-95 . . . . .	35
Table 10.6. School Enrollment by Grade and Sex: 1990-91 to 1994-95 . . . . .	36
Table 10.7. School Enrollment by Grade and Sex for Public Schools: 1990-91 to 1994-95 . . . . .	37
Table 10.8. School Enrollment by Grade and Sex for Private Schools: 1990-91 to 1994-95 . . . . .	38
Table 10.9. Secondary School Enrollment by Grade, Sex, and Type of School: 1990-91 to 1994-95 . . . . .	39
Table 10.10. Students at Post-Secondary Schools by Field of Study: 1988-89 to 1992-93 . . . . .	40
SECTION 11: HEALTH . . . . .	41
Table 11.1. Births by Ethnicity and Sex: 1988 to 1992 . . . . .	42
Table 11.2. Births by Municipality of Mother's Residence: 1988 to 1992 . . . . .	42
Table 11.3. Births by Ethnicity and Birth Type: 1988 to 1992 . . . . .	43
Table 11.4. Births by Ethnicity and Site of Birth: 1988 to 1992 . . . . .	43
Table 11.5. Births by Ethnicity and Age of Mother: 1988 to 1992 . . . . .	44
Table 11.6. Births by Ethnicity and Age of Father: 1988 to 1992 . . . . .	45
Table 11.7. Births by Ethnicity and Attendant: 1988 to 1992 . . . . .	46

Table 11.8. Births by Ethnicity and Birth Order: 1988 to 1992 . . . . .	47
Table 11.9. Births by Ethnicity and Previous Dead Children: 1988 to 1992 . . . . .	48
Table 11.10. Births by Ethnicity and Previous Fetal Deaths: 1988 to 1992 . . . . .	48
Table 11.11. Births by Ethnicity and Weeks Pregnant: 1988 to 1992 . . . . .	49
Table 11.12. Births by Ethnicity and Weight in Grams: 1988 to 1992 . . . . .	49
Table 11.13. Births by Ethnicity and Month of Birth: 1988 to 1992 . . . . .	50
Table 11.14. Births by Ethnicity and Any Complications or Abnormalities: 1988 to 1990 . . . . .	51
Table 11.15. Births by Municipality of Mother's Residence and Month of Birth: 1988 to 1992 . . . . .	52
Table 11.16. Births by Municipality of Mother's Residence, Sex and Birth Type: 1988 to 1992 . . . . .	53
Table 11.17. Births by Municipality of Mother's Residence and Site of Birth: 1988 to 1992 . . . . .	54
Table 11.18. Births by Municipality of Mother's Residence and Age of Mother: 1988 to 1992 . . . . .	55
Table 11.19. Births by Municipality of Mother's Residence and Age of Father: 1988 to 1992 . . . . .	56
Table 11.20. Births by Municipality of Mother's Residence and Attendant: 1988 to 1992 . . . . .	57
Table 11.21. Births by Municipality of Mother's Residence and Birth Order: 1988 to 1992 . . . . .	58
Table 11.22. Births by Municipality of Mother's Residence and Dead Children: 1988 to 1992 . . . . .	59
Table 11.23. Births by Municipality of Mother's Residence and Fetal Deaths: 1988 to 1992 . . . . .	60
Table 11.24. Births by Municipality of Mother's Residence and Weeks Pregnant: 1988 to 1992 . . . . .	61
Table 11.25. Births by Municipality of Mother's Residence and Weight in Grams: 1988 to 1992 . . . . .	62
Table 11.26. Out-Patient Visits by Condition: 1988 to 1992 . . . . .	63
Table 11.27. Selected Health Personnel Characteristics: 1988 to 1992 . . . . .	63
Table 11.28. Patients Admitted: 1989 to 1993 . . . . .	64
 SECTION 12: RESULTS OF THE 1987 CENSUS . . . . .	 65
Table 12.1. Age of Dwelling by Municipality, Yap State: 1987 . . . . .	66
Table 12.1A. Age of Dwelling by Village, Yap State: 1987 . . . . .	67
Table 12.2. Main Building Material by Municipality, Yap State: 1987 . . . . .	69
Table 12.2A. Main Building Material by Village, Yap State: 1987 . . . . .	70
Table 12.3. Water Supply by Municipality . . . . .	72
Table 12.3A. Water Supply by Village, Yap State: 1987 . . . . .	73
Table 12.4. Sanitation by Municipality, Yap State: 1987 . . . . .	75
Table 12.4A. Sanitation by Village, Yap State: 1987 . . . . .	76
Table 12.5. Population by Village, Sex, and Age Group, Yap Proper: 1987 . . . . .	78
Table 12.6. Population by Village, Sex, and Age Group, Outer Islands: 1987 . . . . .	80
Table 12.7. Population by Relationship, Sex, and Age Group, Yap State: 1987 . . . . .	81



Table 12.8. Single Year of Age by Sex for Yap Proper and Outer Islands, Yap State: 1987 . . . . .	82
Table 12.9. Single Year of Age by Municipality for Yap Proper, Yap State: 1987 . . . . .	84
Table 12.10. Single Year of Age by Municipality for Outer Islands, Yap State: 1987 . . . . .	86
Table 12.11. Population by Five-Year Age Group and Village, Yap State: 1987 . . . . .	88
Table 12.11A. Population by Single Years for Children and Village, Yap State: 1987 . . . . .	90
Table 12.12. Population by Five-Year Age Group and Municipality, Yap State: 1987 . . . . .	92
Table 12.13. Male Population by Five-Year Age Group and Municipality, Yap State: 1987 . . . . .	93
Table 12.14. Female Population by Five-Year Age Group and Municipality, Yap State: 1987 . . . . .	94
Table 12.15. Population by Single Years for Children and Municipality, Yap State: 1987 . . . . .	95
Table 12.16. Male Population by Single Years for Children and Municipality, Yap State: 1987 . . . . .	96
Table 12.17. Female Population by Single Years for Children and Municipality, Yap State: 1987 . . . . .	97
Table 12.18. Population by Relationship, Sex, and Municipality, Yap State: 1987 . . . . .	98
Table 12.19. Population Aged 15 Years and Over by Marital Status and Sex and Municipality, Yap State: 1987 . . . . .	100
Table 12.20. Population Aged 15 Years and Over by Marital Status and Sex and Age Group, Yap State: 1987 . . . . .	101
Table 12.21. Females Aged 15 Years and Over by Marital Status, Residence, and Fertility, Yap State: 1987 . . . . .	102
Table 12.21. Females Aged 15 Years and Over by Marital Status, Residence, and Fertility, Yap State: 1987 . . . . .	103
Table 12.22. Place of Birth by Municipality, Yap State: 1987 . . . . .	104
Table 12.23. Place of Birth by Age Group, Yap State: 1987 . . . . .	104
Table 12.24. Place of Usual Residence by Municipality, Yap State: 1987 . . . . .	105
Table 12.25. Place of Usual Residence and Age, Yap State: 1987 . . . . .	105
Table 12.26. Place of Residence in 1986 by Municipality, Yap State: 1987 . . . . .	106
Table 12.27. Place of Residence in 1986 by Age, Yap State: 1987 . . . . .	106
Table 12.28. School Attendance by Current Grade or Grade Completed by Municipality, Yap State: 1987 . . . . .	107
Table 12.29. Population 4 to 29 Years Enrolled by Grade, Sex and Single Year of Age, Yap State: 1987 . . . . .	109
Table 12.30. Persons 25 Years and Over Not Enrolled by Educational Attainment, Sex and Age Group, Yap State: 1987 . . . . .	111
Table 12.31. Population Aged 15 Years and Over by Economic Activity, Sex, and Municipality, Yap State: 1987 . . . . .	112

Table 12.32. Population Aged 15 Years and Over by Economic Activity and Village, Yap State: 1987 . . . . .	115
Table 12.33. Population Aged 15 Years and Over by Economic Activity, Sex, and Age Group, Yap State: 1987 . . . . .	117
Table 12.34. Population Aged 15 Years and Over by Economic Activity, Sex, and Educational Attainment, Yap State: 1987 . . . . .	118
Table 12.35. Population Aged 15 Years and Over by Economic Activity, Residence, and Educational Attainment, Yap State: 1987 . . . . .	119
Table 12.36. Females Aged 15 Years and Over by Economic Activity, Residence, and Fertility, Yap State: 1987 . . . . .	120
Table 12.37. Population Aged 15 Years and Over by Socioeconomic Status, Sex, and Municipality, Yap State: 1987 . . . . .	122
Table 12.37A. Population Aged 15 Years and Over by Socioeconomic Status and Village, Yap State: 1987 . . . . .	125
Table 12.38. Population Aged 15 Years and Over by Socioeconomic Status, Sex, and Municipality, Yap State: 1987 . . . . .	127
Table 12.39. Population Aged 15 Years and Over by Socioeconomic Status, Sex, and Educational Attainment, Yap State: 1987 . . . . .	128
Table 12.40. Population Aged 15 Years and Over by Socioeconomic Status, Residence, and Educational Attainment, Yap State: 1987 . . . . .	129
Table 12.41. Population Aged 15 Years and Over by Socioeconomic Status, Residence, Sex, and Economic Activity, Yap State: 1987 . . . . .	130
Table 12.42. Females Aged 15 Years and Over by Socioeconomic Status, Residence, and Economic Activity, Yap State: 1987 . . . . .	132
Table 12.43. Females Aged 15 to 49 by Children Ever Born and Children Still Alive by Municipality, Yap State: 1987 . . . . .	134
Table 12.44. Females Aged 15 to 49 by Children Born in Last Year and Whether the Child Survived by Municipality, Yap State: 1987 . . . . .	135
Table 12.45. Females Aged 15 to 49 by Children Ever Born and Children Still Alive by Educational Attainment, Yap State: 1987 . . . . .	136

## SECTION 1: METEOROLOGY

Yap State is affected by intermittent trade winds and monsoons. The wettest months are from June to October when rains come almost daily from the west to Southwest. Average rainfall during the rainy season is 14 inches and 5.6 inches during the dry season. The temperature is moderately high, spanning the 80 degree fahrenheit range, with consistantly high humidity. The average number of hours of sunshine per year has varied between 133 (in 1993) and 192 (in 1994) over the previous 5 years.

Table 1.0. Inches of Rainfall by Month and Year: 1990 to 1994						
Month	1990	1991	1992	1993	1994	Average
Total	121.86	108.99	89.98	118.79	108.74	109.67
January	6.21	8.46	4.20	6.34	8.11	6.66
February	2.33	2.09	1.50	6.68	3.80	3.28
March	3.18	2.46	2.97	11.53	3.10	4.65
April	5.83	3.65	1.31	5.83	11.19	5.56
May	12.52	4.92	1.48	1.47	10.25	6.13
June	22.96	13.42	7.59	11.53	14.59	14.02
July	12.29	17.21	12.98	15.69	14.88	14.61
August	22.76	13.49	16.21	14.30	11.49	15.65
September	14.56	15.45	10.32	12.08	15.46	13.57
October	7.56	17.33	22.43	10.27	3.36	12.19
November	9.44	6.78	2.77	9.43	2.80	6.24
December	2.22	3.73	6.22	13.64	9.71	7.10

Source: National Weather Service, Yap State

Table 1.1. Average Temperature in Degrees Fahrenheit by Month and Year: 1990 to 1994						
Month	1990	1991	1992	1993	1994	Average
Average	80.3	79.9	80.6	80.0	80.6	80.3
January	80.1	79.1	78.7	78.6	79.2	79.1
February	80.2	79.5	78.9	78.9	79.4	79.4
March	80.3	79.2	80.0	78.9	80.8	79.8
April	81.2	81.2	81.2	80.4	81.4	81.1
May	81.0	81.1	82.6	82.1	81.8	81.7
June	80.2	80.4	82.3	81.2	81.0	81.0
July	80.2	79.9	81.0	80.9	80.5	80.5
August	80.1	80.1	81.0	79.7	80.5	80.3
September	79.9	79.5	80.7	79.3	80.2	79.9
October	80.5	79.4	80.4	80.4	81.1	80.4
November	79.4	79.9	80.5	80.2	81.0	80.2
December	80.1	79.6	79.8	79.8	80.1	79.9

Source: National Weather Service, Yap State

Table 1.2. Sunshine Hours by Month and Year: 1990 to 1994						
Month	1990	1991	1992	1993	1994	Average
Average	173	190	178	133	192	173
January	176	266	170	122	298	206
February	229	203	208	178	273	218
March	246	277	263	180	331	259
April	251	226	260	143	324	241
May	155	205	259	232	325	235
June	59	171	159	126	247	152
July	90	169	145	98	50	110
August	49	176	100	104	131	112
September	93	168	191	103	48	121
October	207	95	147	110	149	142
November	230	175	137	109	72	145
December	287	146	95	89	51	134

Source: National Weather Service, Yap State

## SECTION 2: AGRICULTURE AND FISHERIES

The amount of copra produced over a year varied between 1989 and 1993. In 1989 and 1993 460 tons and 313 tons were produced respectively.

The volume recorded here is based on fish production from the Yap Fishing Authority except for 1993 and 1994. In 1993 and 1994 fish caught by Ting Hong, NFC and YFC were also included. The volume of fish caught increased from 53.4 tons in 1989 to 1,595.6 tons in 1994.

Table 2.0. Copra Production and Value: 1989 to 1990		
Characteristic	1989	1990
Production (R/T)	460	313
Price/Ton (\$)	260	212
Value (\$000)	119	65

Source: Yap Cooperative Association, Waab Transportation Company  
 Note: Tonnage in Revenue ton which is the greater of 40 cu. ft. or 2200 lbs

Table 2.1. Volume and Value of Fish Caught by Yap Fishing Authority: 1989 to 1994						
Item	1989	1990	1991	1992	1993	1994
Catch (Tons)	53.4	73.4	71.9	70.3	1,252.3	1,595.6
Value (\$000)	83	113	113	113	22,613	13,833

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 pelagic 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. Both subsistence and commercial fishermen often sell parts of their catch directly to the public.

### SECTION 3: EMPLOYMENT AND EARNINGS

Of the population over 18 living in Yap state, 71 percent are economically active. Forty-one of the economically active have paid employment while the remainder were engaged in subsistence activities. A larger portion of the Outer Islanders were economically active than the Yapese, 78 percent versus 67 percent respectively. A majority of this difference is due to the increased amount of subsistence activity in the Outer Islands. Equal portions of females and males are economically active in Yap--about 70 percent. Seventy-eight percent of the females are occupied in subsistence activities compared with 38 percent of the males.

Of those persons over 15 who are not economically active the largest portion are attending school and the second largest portion are engaged in unpaid housework. When broken down by sex the largest portion of not economically active male adults are attending school. The largest portion of not economically active female adults are engaged in unpaid housework.

Twenty-eight percent of those persons over 15 in 1987 were employed by the government, of which 76 percent were males and 80 percent were from Yap Proper.

Table 3.2 provides the number of public employees (Micronesian and Foreign) by salary level for 1987 to 1992, excluding 1991. Seventy-five percent of the public employees fall in the salary range of 2,000 to 7,000 dollars.



Table 3.0. Population Aged 15 Years and Over by Economic Activity, Sex, and Place: 1987

Economic Activity	Total			Males			Females		
	Total	Yap Proper	Outer Islands	Total	Yap Proper	Outer Islands	Total	Yap Proper	Outer Islands
Total	5,831	3,883	1,948	2,945	2,051	894	2,886	1,832	1,054
Economically Active	4,113	2,601	1,512	2,084	1,441	643	2,029	1,160	869
Subsistence	2,392	1,099	1,293	801	346	455	1,591	753	838
Paid Work	1,721	1,502	219	1,283	1,095	188	438	407	31
Not Active	1,718	1,282	436	861	610	251	857	672	185
Looking for work	135	111	24	112	93	19	23	18	5
Attending school	565	354	211	343	194	149	222	160	62
Unpaid housework	424	354	70	68	56	12	356	298	58
Unable to work	227	138	89	111	67	44	116	71	45
Other	367	325	42	227	200	27	140	125	15

Source: 1987 Census Reprocessed

Table 3.1. Population Aged 15 Years and Over by Socioeconomic Status, Sex, and Place: 1987

Socioeconomic Status	Total			Males			Females		
	Total	Yap Proper	Outer Islands	Total	Yap Proper	Outer Islands	Total	Yap Proper	Outer Islands
Total	5,831	3,883	1,948	2,945	2,051	894	2,886	1,832	1,054
Employed by	1,639	1,420	219	1,220	1,033	187	419	387	32
Government	1,064	855	209	805	626	179	259	229	30
Private	575	565	10	415	407	8	160	158	2
Other	4,192	2,463	1,729	1,725	1,018	707	2,467	1,445	1,022
Employer	30	30	0	22	22	0	8	8	0
Own Account Worker	34	32	2	22	22	0	12	10	2
Unpaid family worker	114	110	4	35	33	2	79	77	2
Attending school	557	347	210	339	191	148	218	156	62
Other	3,457	1,944	1,513	1,307	750	557	2,150	1,194	956

Source: 1987 Census Reprocessed

Table 3.2. Public Employment by Salary Level: 1987 to 1992					
Salary level	1987	1988	1989	1990	1992
Total	977	1,035	1,036	989	1,004
\$0 to \$1,999	37	63	57	41	44
\$2,000 to \$2,999	237	249	255	245	252
\$3,000 to \$3,999	197	198	190	162	176
\$4,000 to \$4,999	110	102	110	116	95
\$5,000 to \$5,999	128	127	121	120	107
\$6,000 to \$6,999	95	95	100	101	126
\$7,000 to \$7,999	30	35	34	36	34
\$8,000 to \$8,999	31	32	29	36	32
\$9,000 to \$9,999	23	33	35	26	25
\$10,000 to \$14,999	37	49	58	58	57
\$15,000 to \$19,999	24	28	26	21	38
\$20,000 to \$24,999	17	14	12	17	9
\$25,000 to \$29,999	8	7	6	7	2
\$30,000 or more	3	3	3	3	7
Micronesians	941	1,004	1,007	951	967
\$0 to \$1,999	37	63	57	41	44
\$2,000 to \$2,999	237	249	255	245	252
\$3,000 to \$3,999	196	198	190	161	175
\$4,000 to \$4,999	109	102	110	115	95
\$5,000 to \$5,999	127	126	120	119	105
\$6,000 to \$6,999	95	95	100	100	124
\$7,000 to \$7,999	30	35	34	35	34
\$8,000 to \$8,999	30	32	29	34	27
\$9,000 to \$9,999	23	31	33	25	24
\$10,000 to \$14,999	27	41	49	46	46
\$15,000 to \$19,999	19	22	21	19	32
\$20,000 to \$24,999	9	7	6	8	7
\$25,000 to \$29,999	1	3	3	2	0
\$30,000 or more	1	0	0	1	2
Others	36	31	29	38	37
\$0 to \$1,999	0	0	0	0	0
\$2,000 to \$2,999	0	0	0	0	0
\$3,000 to \$3,999	1	0	0	1	1
\$4,000 to \$4,999	1	0	0	1	0
\$5,000 to \$5,999	1	1	1	1	2
\$6,000 to \$6,999	0	0	0	1	2
\$7,000 to \$7,999	0	0	0	1	0
\$8,000 to \$8,999	1	0	0	2	5
\$9,000 to \$9,999	0	2	2	1	1
\$10,000 to \$14,999	10	8	9	12	11
\$15,000 to \$19,999	5	6	5	2	6
\$20,000 to \$24,999	8	7	6	9	2
\$25,000 to \$29,999	7	4	3	5	2
\$30,000 or more	2	3	3	2	5

Source: Personnel Office, Yap State  
 Note: Personnel Listings as of September 30 of each year; 1991 data not available.

#### SECTION 4: INTERNAL AND EXTERNAL TRADE AND TOURISM

Tourism is a growing industry for Yap. The numbers of tourist visiting Yap more than doubled between 1988 and 1992. Table 4.0 also contains numbers of visitors arriving on Yap for business, employment, military services, religious work, or as crew members for a ship.

The value of exports vary from year to year. An overall increase occurred between 1989 and 1993 despite some years of decreased exports. The major exports were consistently copra, fish and betelnut.

The total dollar value of imports more than doubled between 1989 and 1993. The three largest import commodities were food, beverages and tobacco, and manufactured goods. The most significant increase has been the import of food: in 1989 2.3 million dollars of food was imported by 1993 food imports increased to 4.8 million dollars.

Table 4.0. Visitor Arrivals by Purpose of Visit and Quarter: 1988 to 1992

Purpose	1988	1989	1990	1991	1992
Total	3231	5181	5657	6150	9284
Visitors	2299	3215	3894	4680	4898
Business	0	1	0	0	0
Employment	38	529	218	31	124
Military	14	29	27	12	0
Religious	15	14	2	2	0
Seamen	841	1388	1510	1422	4260
Others	24	5	6	3	2
First Quarter	884	1056	1996	1673	1991
Visitors	632	727	1336	1287	1370
Business	0	0	0	0	0
Employment	7	4	26	3	14
Military	0	12	0	0	0
Religious	1	2	0	0	0
Seamen	230	307	631	383	607
Others	14	4	3	0	0
Second	645	1712	1122	1395	1944
Visitors	467	805	846	1052	1310
Business	0	0	0	0	0
Employment	3	351	19	5	33
Military	13	4	13	0	0
Religious	2	7	2	0	0
Seamen	157	544	239	337	601
Others	3	1	3	1	0
Third	1037	1235	1265	1544	2947
Visitors	701	813	843	1209	1107
Business	0	1	0	0	0
Employment	24	159	157	21	48
Military	1	13	0	12	0
Religious	3	3	0	2	0
Seamen	304	246	265	298	1792
Others	4	0	0	2	0
Fourth	665	1178	1274	1538	2402
Visitors	499	870	869	1132	1111
Business	0	0	0	0	0
Employment	4	15	16	2	29
Military	0	0	14	0	0
Religious	9	2	0	0	0
Seamen	150	291	375	404	1260
Others	3	0	0	0	2

Source: Immigration and Labor Division, Yap State

Notes: Peace Corps included with employment; tourists and visitors combined; Due to a revision of the Entry Form by the Immigration Office in 1987, business not shown separately

Table 4.1. Value of Export by Commodity and Destination: 1989 to 1993  
[Amounts in thousands of dollars]

Commodity	Destination	1989	1990	1991	1992	1993	1994
Total	...	223	2,047	1,822	11,388	8,220	16,458
Copra	Japan	119	65	105	0	8	6
Trochus Shell	Japan	0	188	0	0	0	113
Fish	Guam/USA/Japan/Saipan	104	237	344	9,198	22,613	13,833
Bananas	Guam	0	0	3	16	37	25
Betel Nut	Guam/Palau/Saipan/Others	0	8	12	97	267	305
Handicrafts	[Sold to tourists]	0	4	5	32	4	15
Garments	USA Mainland/Taiwan	0	1,545	1,353	2,045	2,055	2,161

Source: Waab Transportation Company, Yap Fishing Authority, Handicraft Shop, Kingtex.

Table 4.2. Value of Commercial Imports by Commodity Group: 1990 to 1993  
[Amounts in thousands U.S. dollars]

SITC	Description	1989	1990	1991	1992	1993
	Total	7,278	10,594	9,483	16,048	18,083
0	Food	2,266	2,902	2,337	2,779	4,808
1	Beverages and Tobacco	1,310	1,736	1,501	1,699	1,717
2	Crude Materials	31	187	5	16	18
3	Petroleum Products	754	1,382	1,455	6,437	2,312
4	Animal and Vegetable Fats	-	0	0	0	0
5	Chemicals	304	436	336	404	520
6	Manufactured Goods	1,164	1,623	1,711	1,682	5,148
7	Machinery and Transport Equipment	717	1,256	1,202	1,654	1,953
8	Miscell. Manufactured Commodities	686	1,068	928	1,347	1,257
9	Commodities, not elsewhere classified	46	4	8	30	350

Source: Revenue Office, National Government

Notes: Imports include only taxable goods purchased for commercial use; Petroleum products are not included in this table, since they are imported under a separate tariff structure. The imports are values at Free-On-Board (FOB) prices. Government and Non-Commercial imports are omitted from the table; SITC = Standard International Trade Classification

SECTION 5: BUSINESS AND FINANCE

No tables this year.

## SECTION 6: TRANSPORTATION AND COMMUNICATION

Motor vehicle registration shows an upward trend from 1987 to 1990 and then a downward trend from 1990 and 1992. Motor vehicles registration from 1990 and 1992 decreased by 23 percent. In 1992 the largest portion of motor vehicle registered are Pick-ups (50 percent). The second largest portion of motor vehicle registered are Sedans (31 percent). Trucks, Buses, Jeeps, Station Wagons and Motorcycles make up the remaining 19 percent of the total motor vehicles registered in 1992.

The overall passengers of the MV Micro-Spirit varied from year to year. Table 6.1 shows that the number of passengers decreased from 1988 to 1991 and then from 1991 to 1992 it increased again by 34 percent. Likewise, cabin passengers varied from year to year with the highest in 1989. Deck passengers also shows variations from year to year. From 1991 to 1992 deck passengers increased by 25 percent.

The number of commercial ships arriving in Yap from 1990 to 1994 ranges from 10 to 18. Table 6.2 shows that the largest number of ships arriving in Yap was in 1994.

Table 6.0. Registered Motor Vehicle by Type: 1987 to 1992

Month	1987	1988	1989	1990	1992
Total	641	669	937	964	742
Truck	47	54	63	75	60
Bus	22	25	39	35	14
Pick-up	331	394	501	450	374
Jeep	51	22	50	27	22
Station Wagon	37	20	36	30	26
Sedan	111	109	200	330	233
Motorcycle	42	45	48	17	13

Source: Public Safety, Traffic Division, Yap State

Note: 1991 figures not available

Table 6.1. Cargo and Passenger Movement by Field Trip Vessel: 1988 to 1992

Item	1988	1989	1990	1991	1992
Total Passengers	3,296	1,701	1,647	927	1,238
Cabin passengers	263	285	207	42	130
Deck passengers	3033	1,416	1,440	885	1,108
Freight (Revenue tons)	2,317	1,917	2,923	1,472	1,601

Source: Waab Transportation Company

Note: Revenue ton is equivalent to 2200 pounds

Table 6.2. Foreign Vessels Arriving by Type, Number, Voyages, and Tonnage: 1990 to 1994

Item	1990	1991	1992	1993	1994
Vessels	12	10	13	11	18
Cargo	11	9	12	8	15
Tanker	1	1	1	3	3
Voyages	43	54	64	57	75
Cargo	35	44	54	42	57
Tanker	8	10	10	15	18
Gross Revenue Ton (\$000)	199	276	346	254	348
Cargo	164	232	302	191	274
Tanker	35	44	44	63	74

Source: State Transportation Office, Yap State, Waab Transportation Company, Immigration Office, Yap Branch.



Table 6.3. Foreign Vessels Arriving by Country of Registry: 1990 to 1994

Country of Registry	1990	1991	1992	1993	1994
Total	12	10	13	11	18
Panama	7	7	9	7	10
Philippines	0	1	1	1	0
Japan	0	0	0	1	2
Netherlands	2	0	0	0	0
Germany	2	1	1	0	0
Liberia	1	1	2	1	1
Denmark	0	0	0	1	2
Guam	0	0	0	0	1
Monrovia	0	0	0	0	1
Bahamas	0	0	0	0	1

Source: Immigration Office, FSM.

Table 6.4. Inbound and Outbound Cargo by Tonnage: 1988 to 1992

Direction	1988	1989	1991	1992
Inbound	22,563.51	23,369.60	23,978.40	24,568.70
Outbound	1,732.73	1,817.48	1,910.52	1,978.34
Difference	20,830.78	21,552.12	22,067.88	22,590.36

Source: Waab Transportation Company.

Note: 1990 figures not available due to burned records.

Table 6.5. Number of Arrivals, Departures and Flights: 1989 to 1993

Direction	1988	1989	1990	1991	1992
Arrival	4,648	6,534	6,992	8,883	8,463
Departure	4,948	6,359	7,343	9,898	8,890
Difference	(300)	175	(351)	(1,015)	(427)
Flights	241	323	377	326	321

Source: Continental Air Micronesia, Yap State.

Table 6.6. Inbound and Outbound Air Freight by Tonnage: 1988 to 1992					
Direction	1988	1989	1990	1991	1992
Inbound	152	208	296	292	327
Outbound	137	382	357	353	396
Difference	15	(174)	(61)	(61)	(69)

Source: Continental Air Micronesia, Yap State

**SECTION 7: GOVERNMENT FINANCE**

Expended government appropriations in fiscal year 1992 were less than budgeted government appropriations. Seventy-two percent of the expended appropriations were from Compact funds and 24 percent were from Yap State Legislature. The remaining funds were from foreign aids, special funding, and FSM funding. The largest portion went to public utilities and contracts, the second largest portion went to education, and the third largest portion went to health services. Revenue collection by Yap State over the years 1987 to 1992 (excluding 1991) increased steadily from 1.3 million dollars to 3.1 million dollars.

Table 7.0. Appropriations to Government Agencies and Departments: FY 1992  
 [Amounts in Thousands of US dollars]

Agency or Department	Total	Compact Funds	Foreign Aid	Yap State Legislature	Special Funding	FSM Fund
Total Budgeted	12,773	9,289	242	3,035	79	128
Health Services	2,101	1,868	142	91	0	0
Education	2,983	2,905	40	38	0	0
Youth and Civic Affairs	231	231	0	0	0	0
Resource and Development	750	750	0	0	0	0
Attorney General	598	530	0	0	0	68
Office of the Governor	246	246	0	0	0	0
Office of Planning and Budget	162	162	0	0	0	0
Office of Administrative Services	513	479	0	34	0	0
Public Utilities and Contracts	3,709	2,118	60	1,531	0	0
Judiciary	228	0	0	168	0	60
Legislature	512	0	0	512	0	0
Council of Pilung	90	0	0	90	0	0
Council of Tamol	95	0	0	95	0	0
Other agencies and programs	555	0	0	476	79	0
Total Expended	12,381	8,938	160	2,923	232	128
Health Services	2,048	1,926	120	2	0	0
Education	2,596	2,517	40	39	0	0
Youth and Civic Affairs	221	221	0	0	0	0
Resource and Development	734	734	0	0	0	0
Attorney General	607	539	0	0	0	68
Office of the Governor	229	229	0	0	0	0
Office of Planning and Budget	151	151	0	0	0	0
Office of Administrative Services	507	473	0	34	0	0
Public Utilities and Contracts	3,897	2,148	0	1,749	0	0
Judiciary	185	0	0	125	0	60
Legislature	476	0	0	476	0	0
Council of Pilung	86	0	0	86	0	0
Council of Tamol	91	0	0	91	0	0
Other agencies and programs	553	0	0	321	232	0

Source: Office of Planning and Budget, Yap State

Note: Other agencies and programs consist of: Environmental Protection Agency, Outer Islands Planning Commission, Yap Fishing Authority, Public Transportation System, Yap Community Action Program, Head Start Program, Micronesain Legal Services, Peace Corps, Farmer's Home Administration, St. Mary's School, Seventh Day Adventist School, Yap Day Celebration, Summer Youth Program, Public Library, Yap Government Employees Credit Union, Neighboring Islands Cultural Access Advancement, etc.