

YAP STATE

STATISTICAL YEARBOOK

1995



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

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LETTER FROM THE GOVERNOR

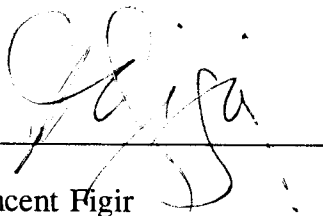
Citizens of Yap State:

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 |

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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.