

**ANNUAL CENSUS
OF ESTABLISHMENTS
MARCH 1993
GUAM**

ANNUAL CENSUS OF ESTABLISHMENTS MARCH 1993 GUAM

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The project leader, Gary A. Hiles, wrote the report's text and is responsible for its overall content. Sunny K. Bathan produced this report in its entirety. Lisa J. Aganon and Marie S. Heflin were primarily responsible for the voluminous task of maintaining the address file, mailings, editing, follow-up, and key punching necessary to conduct this survey. Invaluable assistance was provided by Juan Castro, Piere Calvo, Eileen H. Sablan, Patrick W. Cepeda, and Rochelle A. Sablan.

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ANNUAL CENSUS HIGHLIGHTS

The March 1993 Annual Census of Establishments report is the tenth consecutive annual publication for this employer establishment census survey on Guam.

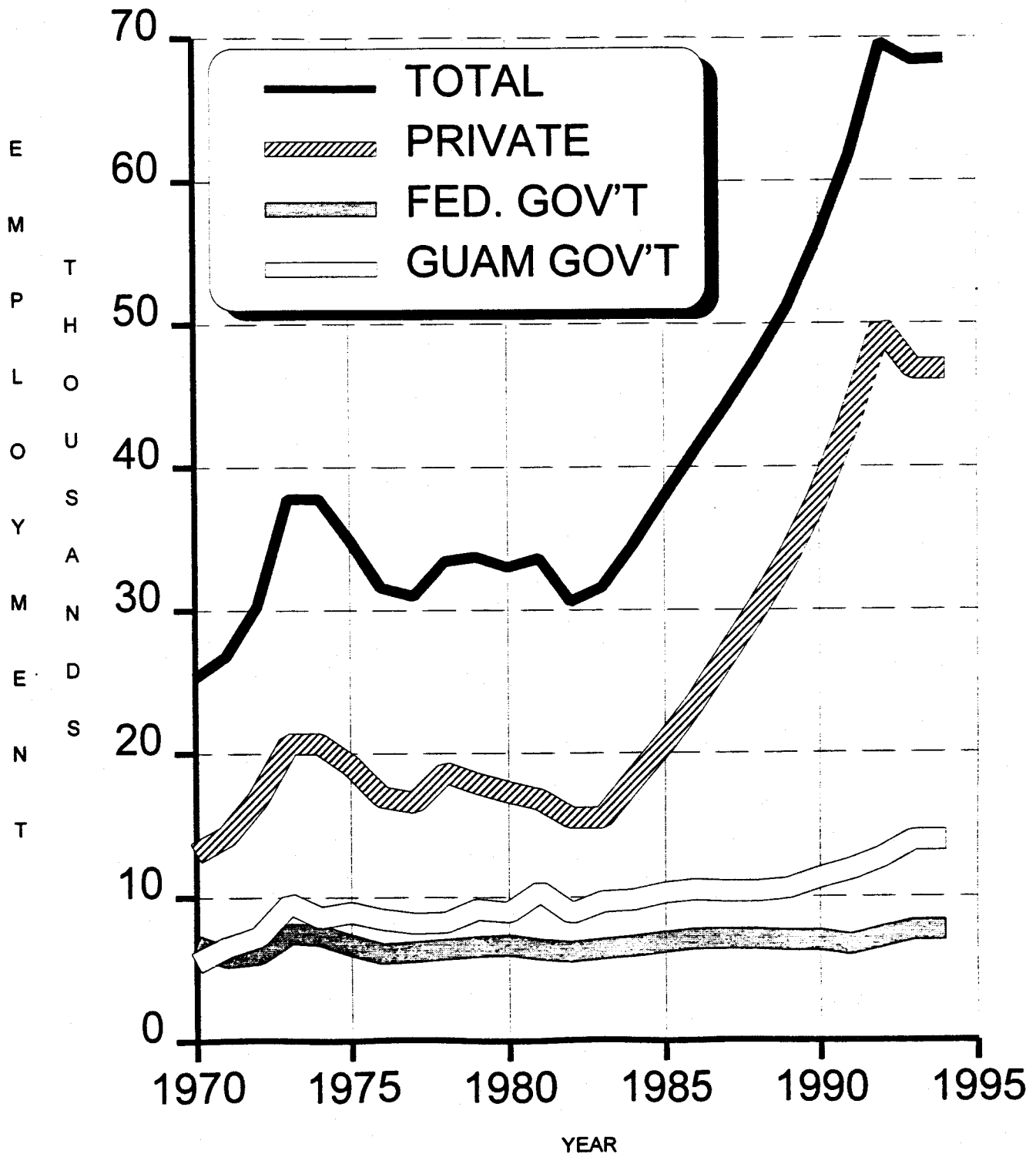
During the five year period from March 1988 to March 1993, employment growth has been very substantial with an overall increase of 20,860 jobs representing a 44 percent increase. Private sector employment during this period increased by 56 percent, whereas, government of Guam employment increased by 34 percent and Federal government 8 percent. The percentage increases by private industry and public sector during this period are as follows:

	1988	1992	1993	Change 1 Year	Change 5 year
Agriculture	209	420	382	-9%	+83%
Construction	4,616	12,476	9,980	-20%	+116%
Manufacturing	1,904	2,065	1,771	-14%	-7%
Transportation and Public Utilities	2,635	4,346	4,231	-3%	+61%
Wholesale Trade	1,544	2,045	2,209	+8%	+43%
Retail Trade	7,773	12,060	12,232	+1%	+57%
Finance, Insurance, And Real Estate	2,151	2,722	2,696	-1%	+25%
Services	9,196	13,534	13,290	-2%	+45%
Federal Govt.	7,100	7,202	7,692	+7%	+8%
Govt. of Guam	10,375	12,708	13,937	+10%	+34%
Total	47,560	69,627	68,464	-2%	+44%

Tables of private sector employers distributed by employee size and industry are contained in Table 3 of the 1988 through 1993 Annual Census reports. A comparison by year is shown below:

YEAR	TOTAL	ESTABLISHMENT COUNT					
		1-4	5-9	10-19	20-49	50-99	100-UP
1988	1,941	877	461	272	230	63	45
1989	2,058	880	540	268	243	73	54
1990	2,136	860	553	321	259	86	57
1991	2,337	929	568	393	267	111	69
1992	2,641	1,085	616	413	329	116	82
1993	2,652	1,088	658	394	314	127	71

YEARLY PAYROLL EMPLOYMENT TOTALS (IN THOUSANDS)



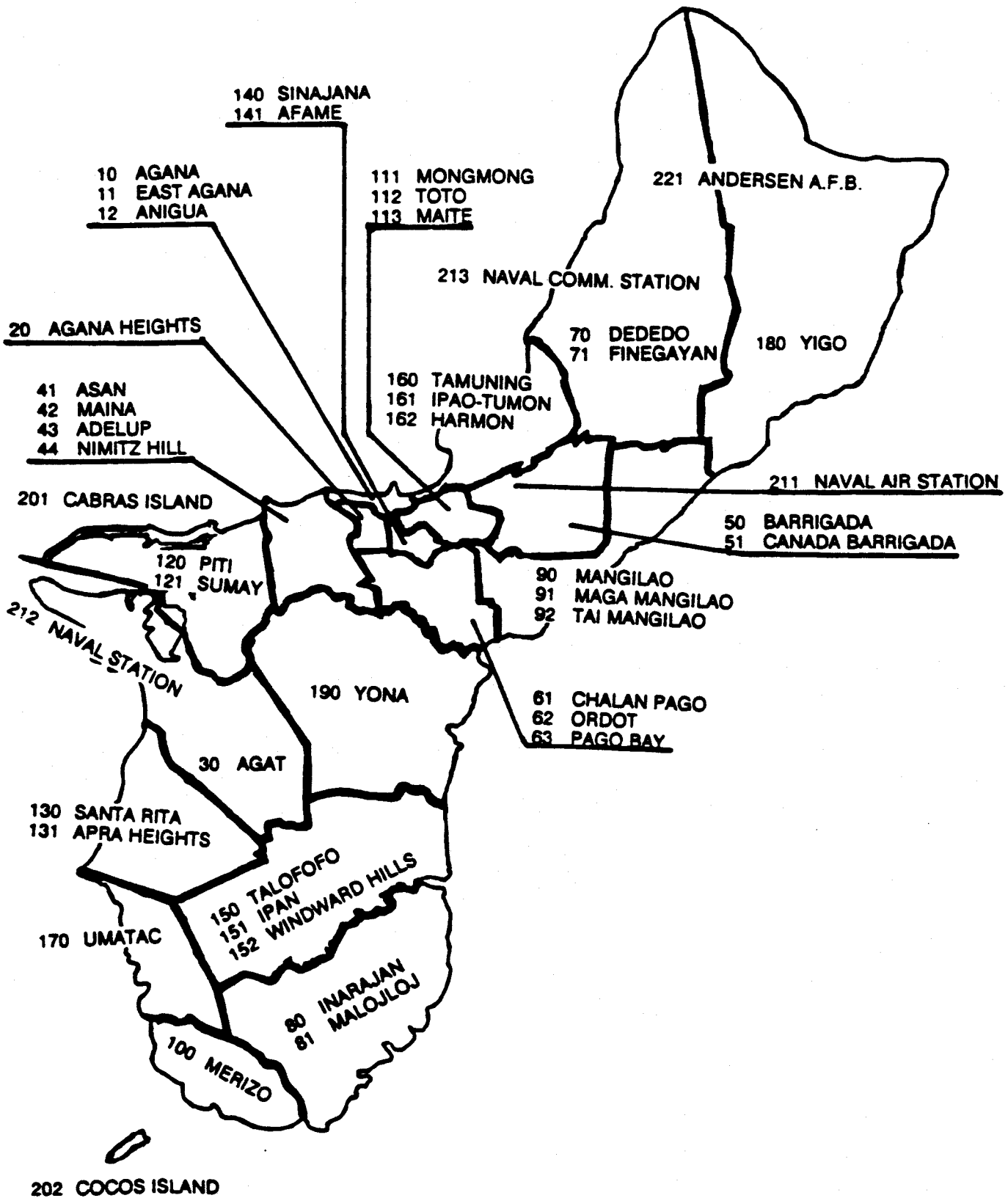
**TABLE 1. EMPLOYMENT AND ESTABLISHMENT DISTRIBUTION
BY LOCATION**

LOC. CODE	LOCATION NAME	NUMBER OF ESTABLISHMENTS				EMPLOYMENT			
		1990	1991	1992	1993	1990	1991	1992	1993
010	AGANA	461	498	531	499	11,862	13,145	15,009	14,846
011	EAST AGANA	25	27	32	33	464	511	617	640
012	ANIGUA	72	70	70	69	917	916	1,032	938
020	AGANA HEIGHTS	23	24	25	28	367	391	421	446
030	AGAT	23	23	28	27	242	349	334	387
041	ASAN	19	19	25	18	121	160	187	166
042	MAINA	5	*	*	5	15	*	*	42
043	ADELUP	8	8	6	6	220	239	224	223
044	NIMITZ HILL	*	*	*	*	*	*	*	*
050	BARRIGADA	48	56	64	72	734	953	1,046	1,256
051	CANADA BARRIGADA	*	*	*	*	*	*	*	*
052	LEYANG BARRIGADA	*	*	*	*	*	*	*	*
061	CHALAN PAGO	11	13	15	16	239	180	210	198
062	ORDOT	7	7	6	5	102	91	106	118
063	PAGO BAY	*	*	*	*	*	*	*	*
070	DEDEDO	175	202	241	264	1,907	2,294	2,757	2,854
071	FINEGAYAN	*	*	*	*	*	*	*	*
080	INARAJAN	*	*	*	*	*	*	*	*
081	MALOJLOJ	*	*	*	*	*	*	*	*
090	MANGILAO	42	42	49	51	2,501	2,646	2,929	3,056
091	MAGA MANGILAO	7	6	6	*	63	55	54	*
092	TAI MANGILAO	*	*	*	*	*	*	*	*
100	MERIZO	*	*	5	*	*	*	27	*
111	MONGMONG	11	11	15	13	105	151	186	104
112	TOTO	*	*	*	*	*	*	*	*
113	MAITE	73	80	85	73	1,075	1,400	1,337	1,100
120	PITI	14	14	15	14	123	133	155	186
121	SUMAY	*	*	*	*	*	*	*	*
130	SANTA RITA	*	*	*	*	*	*	*	*
131	APRA HEIGHTS	*	*	*	*	*	*	*	*
140	SINAJANA	13	11	17	21	204	195	226	296
141	AFAME	*	*	*	*	*	*	*	*
150	TALAFORO	5	*	7	7	67	*	67	89
151	IPAN	*	*	*	5	*	*	*	40
152	WINDWARD HILLS	*	*	*	*	*	*	*	*
160	TAMUNING	649	720	803	793	13,486	14,917	17,258	16,305
161	IPAO - TUMON	171	202	238	249	5,396	6,366	7,553	7,053
162	HARMON	248	264	302	327	6,762	7,756	8,385	8,204
180	YIGO	24	26	35	42	389	446	386	325
190	YONA	12	13	24	23	214	212	458	443
201	CABRAS ISLAND	27	26	26	25	1,064	1,098	1,049	946
202	COCOS ISLAND	*	*	*	*	*	*	*	*
211	NAVAL AIR STATION	*	*	*	*	*	*	*	*
212	NAVAL STATION	7	7	8	7	5,098	4,949	5,318	5,594
213	NAVAL COMM. STATION	*	*	*	*	*	*	*	*
215	NAVAL HOSPITAL	*	*	*	*	*	*	*	*
221	ANDERSON A.F.B.	11	11	11	9	1,413	1,357	1,451	1,595
	TOTALS	2,224	2,423	2,729	2,741	56,129	61,726	69,627	68,464

* Fewer than 5 establishments

NOTE: This table includes establishments in public and private sectors. Government agencies with multiple locations are reported under the headquarter's location. Private sector employment is reported by actual location of each establishment with a few minor exceptions for multi-establishment firms which report their entire employment under the headquarter's location.

MAP OF GUAM



The Annual Census of Establishments' employment by citizenship tables were expanded with additional detail beginning in March 1988 to measure the effect of the Compact of Free Association Act on employment of Micronesians on Guam. From 1988 through 1990 persons from CNMI and Belau who were not reported in other classifications are reported as unclassified CNMI or unclassified Belau. In 1992 these employees are included in their respective citizenship or visa category. We began collecting and reporting data on the H-1 category in 1991. A comparative analysis of the 1988, 1989, 1990, 1991, 1992 and 1993 figures is as follows:

**COMPARATIVE EMPLOYMENT BY CITIZENSHIP, VISA, AND
MICRONESIAN ISLAND CATEGORIES**

	<u>1988</u>	<u>1989</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>	<u>Change</u> <u>'88-'93</u>
U. S.	37,328	39,294	42,118	44,748	48,616	49,732	12,404
PRA	7,701	7,977	8,155	8,819	10,199	9,937	2,236
H-1	—	—	—	132	325	479	—
H-2	1,089	1,830	3,349	4,786	6,529	4,363	3,274
L-1	346	488	439	593	677	594	248
E-1	54	41	60	55	52	56	2
E-2	164	199	215	236	298	250	86
KOSRAE	59	163	122	90	143	159	100
POHNPEI	87	225	248	396	500	512	425
CHUUK	348	701	800	1,210	1,778	1,780	1,432
YAP	83	157	148	191	295	287	204
UNCLASSIFIED							
CNMI	81	112	122	51	—	—	—
UNCLASSIFIED							
BELAU	135	162	149	274	—	—	—
MARSHALLS	23	25	43	30	45	77	54
OTHERS							
(VISA)	62	85	161	115	180	238	176
TOTALS	<u>47,560</u>	<u>51,459</u>	<u>56,129</u>	<u>61,726</u>	<u>69,627</u>	<u>68,464</u>	<u>20,904</u>

TABLE 2. CITIZENSHIP, VISA, & MICRONESIAN EMPLOYMENT SUMMARY BY OWNERSHIP - MARCH 1993

CITIZENSHIP STATUS	TOTAL	PRIVATE	FEDERAL GOV'T.	FOREIGN GOV'T.	GUAM GOV'T.
U.S.	49,732	29,104	7,339	11	13,278
PRA	9,937	9,067	349	5	516
H-1	479	471	0	0	8
H-2	4,363	4,363	0	0	0
L-1	594	594	0	0	0
E-1	56	56	0	0	0
E-2	250	250	0	0	0
KOSRAE	159	148	0	2	9
POHNPEI	512	498	1	1	12
CHUUK	1,780	1,760	0	2	18
YAP	287	282	0	2	3
MARSHALLS	77	69	3	0	5
OTHERS	238	129	0	21	88
GRAND TOTAL	68,464	46,791	7,692	44	13,937

TABLE 3. DISTRIBUTION OF PRIVATE ESTABLISHMENTS BY EMPLOYMENT SIZE AND INDUSTRY - MARCH 1993

INDUSTRY	TOTAL	ESTABLISHMENT/EMPLOYMENT COUNT					
		1-4	5-9	10-19	20-49	50-99	100-UP
A. AGRICULTURE, FORESTRY, AND FISHING	21	*	*	*	*	*	*
C. CONSTRUCTION	523	189	120	92	75	30	17
D. MANUFACTURING	78	20	24	16	10	*	*
E. TRANSPORTATION	180	64	33	30	36	12	*
F. WHOLESALE TRADE	166	50	61	24	22	*	*
G. RETAIL TRADE	785	353	193	105	82	35	17
H. FINANCE, INSURANCE, AND REAL ESTATE	169	80	35	24	14	14	*
I. SERVICES	730	327	185	100	72	26	20
TOTAL PRIVATE	2,652	1,088	658	394	314	127	71
NUMBER OF EMPLOYEES	46,791	2,601	4,399	5,354	9,402	8,549	16,486

* Fewer than ten establishments.

TABLE 4. EMPLOYEES ON PAYROLLS ON GUAM : SUMMARY - MARCH 1993

STANDARD INDUSTRIAL CLASSIFICATION	ESTABLISHMENTS	EMPLOYMENT	SEX		FULL-TIME	PART-TIME	U.S.
			MALE	FEMALE			
PRIVATE							
A. AGRICULTURE, FORESTRY, AND FISHING	21	382	329	53	328	54	145
C. CONSTRUCTION	523	9,980	9,339	641	9,575	405	3,334
D. MANUFACTURING	78	1,771	1,313	458	1,563	208	1,300
E. TRANSPORTATION AND PUBLIC UTILITIES	180	4,231	2,646	1,585	3,428	803	3,352
F. WHOLESALE TRADE	166	2,209	1,498	711	2,033	176	1,804
G. RETAIL TRADE	785	12,232	5,575	6,657	9,229	3,003	8,149
H. FINANCE, INSURANCE, AND REAL ESTATE	169	2,696	935	1,761	2,449	247	2,129
I. SERVICES	730	13,290	6,794	6,496	11,164	2,126	8,891
TOTAL PRIVATE	2,652	46,791	28,429	18,362	39,769	7,022	29,104
FEDERAL GOVERNMENT	28	7,692	4,727	2,965	6,161	1,531	7,339
FOREIGN GOVERNMENTS	7	44	28	16	44	0	11
GUAM GOVERNMENT							
E. TRANSPORTATION AND PUBLIC UTILITIES	5	1,544	1,186	358	1,544	0	1,525
I. SERVICES	14	6,973	2,370	4,603	5,513	1,460	6,571
J. PUBLIC ADMINISTRATION	34	5,379	3,473	1,906	5,226	153	5,141
OTHER	1	41	17	24	41	0	41
TOTAL GUAM GOV'T	54	13,937	7,046	6,891	12,324	1,613	13,278
GRAND TOTAL	2,741	68,464	40,230	28,234	58,298	10,166	49,732

CITIZENSHIP / VISA STATUS

PRA	H-1	H-2	L-1	E-1	E-2	KOS- RAE	POHN- PEI	CHU- UK	YAP	MARS- HALLS	OTH- ER
52	2	56	1	0	2	0	1	121	2	0	0
1,454	155	4,181	321	4	34	14	105	263	82	0	27
312	15	8	9	0	1	4	38	38	42	6	2
596	11	1	28	35	28	10	39	93	24	2	10
232	40	24	16	1	9	3	17	42	14	4	5
2,918	60	17	76	12	70	55	131	613	57	2	56
401	47	16	32	2	12	2	16	23	12	18	4
3,102	141	60	111	2	94	60	151	567	49	37	25
<u>9,067</u>	<u>471</u>	<u>4,363</u>	<u>594</u>	<u>56</u>	<u>250</u>	<u>148</u>	<u>498</u>	<u>1,760</u>	<u>282</u>	<u>69</u>	<u>129</u>
349	0	0	0	0	0	0	1	0	0	3	0
5	0	0	0	0	0	2	1	2	2	0	21
18	0	0	0	0	0	0	0	0	0	0	1
362	8	0	0	0	0	0	3	7	0	0	22
136	0	0	0	0	0	9	9	11	3	5	65
0	0	0	0	0	0	0	0	0	0	0	0
<u>516</u>	<u>8</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>9</u>	<u>12</u>	<u>18</u>	<u>3</u>	<u>5</u>	<u>88</u>
<u>9,937</u>	<u>479</u>	<u>4,363</u>	<u>594</u>	<u>56</u>	<u>250</u>	<u>159</u>	<u>512</u>	<u>1,780</u>	<u>287</u>	<u>77</u>	<u>238</u>

TABLE 5. PERCENTAGE DISTRIBUTION OF EMPLOYEES ON PAYROLLS ON GUAM : MARCH 1993

STANDARD INDUSTRIAL CLASSIFICATION	ESTABLISHMENTS	EMPLOYMENT	SEX		FULL-TIME	PART-TIME	U.S.
			MALE	FEMALE			
PRIVATE							
A. AGRICULTURE, FORESTRY, AND FISHING	0.8	0.6	86.1	13.9	85.9	14.1	38.0
C. CONSTRUCTION	19.1	14.6	93.6	6.4	95.9	4.1	33.4
D. MANUFACTURING	2.8	2.6	74.1	25.9	88.3	11.7	73.4
E. TRANSPORTATION AND PUBLIC UTILITIES	6.6	6.2	62.5	37.5	81.0	19.0	79.2
F. WHOLESALE TRADE	6.1	3.2	67.8	32.2	92.0	8.0	81.7
G. RETAIL TRADE	28.6	17.9	45.6	54.4	75.4	24.6	66.6
H. FINANCE, INSURANCE, AND REAL ESTATE	6.2	3.9	34.7	65.3	90.8	9.2	79.0
I. SERVICES	26.6	19.4	51.1	48.9	84.0	16.0	66.9
TOTAL PRIVATE	96.8	68.3	60.8	39.2	85.0	15.0	62.2
FEDERAL GOVERNMENT	1.0	11.2	61.5	38.5	80.1	19.9	95.4
FOREIGN GOVERNMENTS	0.3	0.1	63.6	36.4	100.0	0.0	25.0
GUAM GOVERNMENT							
E. TRANSPORTATION AND PUBLIC UTILITIES	0.2	2.3	76.8	23.2	100.0	0.0	98.8
I. SERVICES	0.5	10.2	34.0	66.0	79.1	20.9	94.2
J. PUBLIC ADMINISTRATION	1.2	7.9	64.6	35.4	97.2	2.8	95.6
OTHER	0.0	0.1	41.5	58.5	100.0	0.0	100.0
TOTAL GUAM GOV'T	2.0	20.4	50.6	49.4	88.4	11.6	95.3
GRAND TOTAL	100.0	100.0	58.8	41.2	85.2	14.8	72.6

CITIZENSHIP/VISA STATUS

PRA	H-1	H-2	L-1	E-1	E-2	KOS- RAE	POHN- PEI	CHU- UK	YAP	MARS- HALLS	OTH- ER
13.6	0.5	14.7	0.3	0.0	0.5	0.0	0.3	31.7	0.5	0.0	0.0
14.6	1.6	41.9	3.2	0.0	0.3	0.1	1.1	2.6	0.8	0.0	0.3
17.6	0.8	0.5	0.5	0.0	0.1	0.2	2.1	2.1	2.4	0.3	0.1
14.1	0.3	0.0	0.7	0.8	0.7	0.2	0.9	2.2	0.6	0.0	0.2
10.5	1.8	1.1	0.7	0.0	0.4	0.1	0.8	1.9	0.6	0.2	0.2
23.9	0.5	0.1	0.6	0.1	0.6	0.4	1.1	5.0	0.5	0.0	0.5
14.9	1.7	0.6	1.2	0.1	0.4	0.1	0.6	0.9	0.4	0.7	0.1
23.3	1.1	0.5	0.8	0.0	0.7	0.5	1.1	4.3	0.4	0.3	0.2
<u>19.4</u>	<u>1.0</u>	<u>9.3</u>	<u>1.3</u>	<u>0.1</u>	<u>0.5</u>	<u>0.3</u>	<u>1.1</u>	<u>3.8</u>	<u>0.6</u>	<u>0.1</u>	<u>0.3</u>
4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.4	0.0	0.0	0.0	0.0	0.0	4.5	2.3	4.5	4.5	0.0	47.7
1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
5.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.3
2.5	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.1	0.1	1.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<u>3.7</u>	<u>0.1</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>	<u>0.0</u>	<u>0.0</u>	<u>0.6</u>
<u>14.5</u>	<u>0.7</u>	<u>6.4</u>	<u>0.9</u>	<u>0.1</u>	<u>0.4</u>	<u>0.2</u>	<u>0.7</u>	<u>2.6</u>	<u>0.4</u>	<u>0.1</u>	<u>0.3</u>