

# GUAM

## ANNUAL STATISTICAL REPORT

1973

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Department of Public Health  
and Social Services  
Agana, Guam



DEPARTMENT OF PUBLIC HEALTH & SOCIAL SERVICES

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## FOREWORD

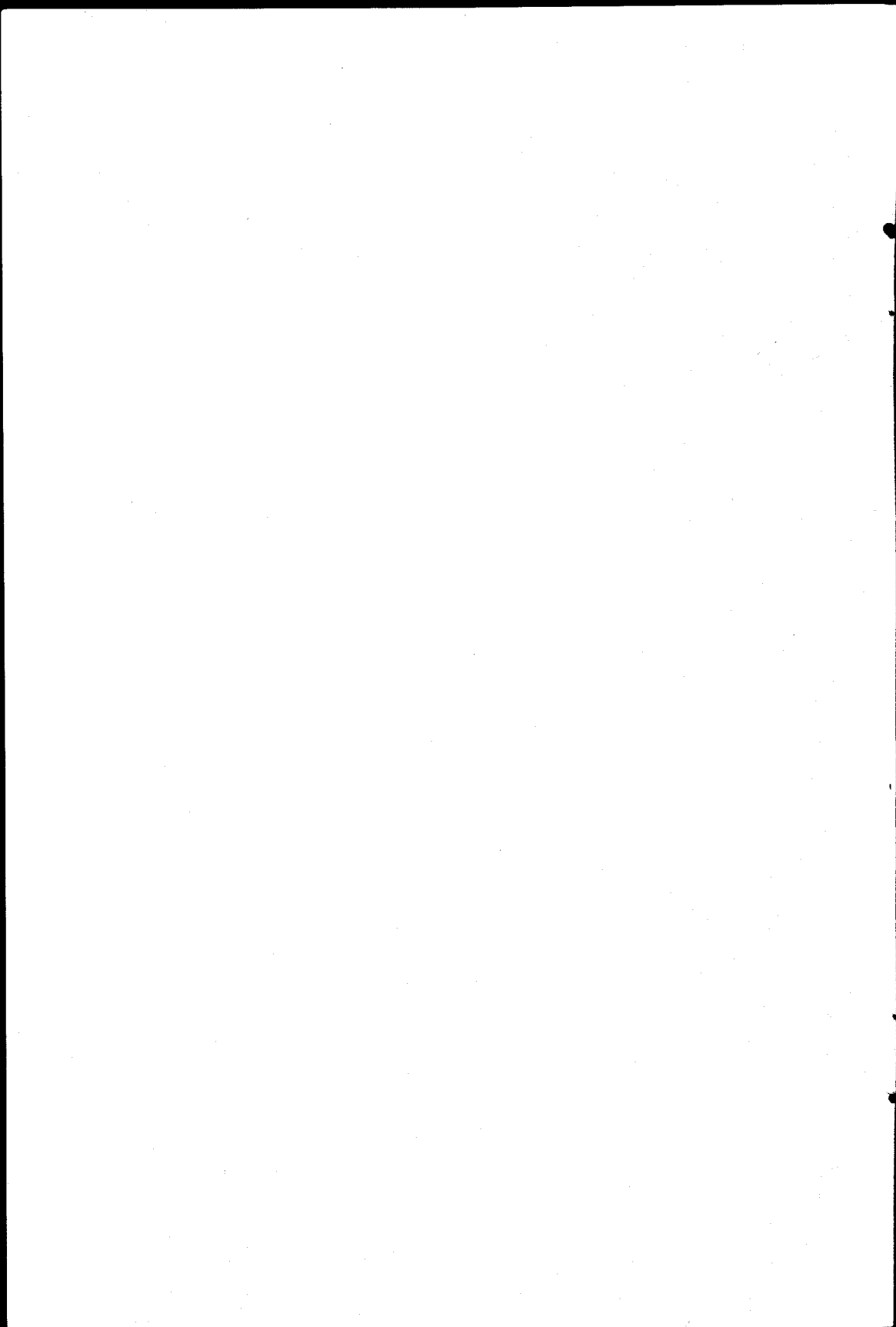
This volume is the fourth edition of the Annual Statistical Report prepared in booklet, printed form. It contains data compiled from certificates registered with the Office of Vital Statistics (these certificates can be found on the back).

Births. The year ended with only a very slight increase in live births with a total of 3234 as compared to 3206 in 1972. The birth rate as calculated on the basis of every 1,000 population (per 104,572 as released by Department of Commerce) was 30.9. Deliveries at the civilian hospital totaled 2347 leaving 886 deliveries in the military hospital with one (1) home delivery. Out of 3234 live births for the year, a total of 319 were from mothers 18 years and under, the youngest mother being 12 years old. There were 7 live births from mothers under 15 years which are all first born and illegitimates. Illegitimate births totaled 466 as compared to 394 for 1972.

Deaths. There were 435 deaths for 1973, 26 more from previous year and with a rate of 4.2 per every 1,000 population. Infant mortality rate was 23.2 which is an increase as compared to 15.3 for 1972. The fetal death was 33 with a rate of 10.2. Out of 33 deaths, asphyxia was the main ill-defined condition and accounted for 13 deaths.

Marriages. A total of 2510 marriages were performed for the year giving a rate of 24.0 per 1,000 population. The marriage rate for 1972 was 22.9. As indicated in the previous year, Japan came out again with the highest number having 1491 marriages. Guam is still on the second place.

Divorces. This is the second year since we have started compiling statistics on divorces and annulments. For the year, divorces and annulments numbered 132 giving a rate of 1.3 per 1,000 population. Out of the 132 cases recorded, 72 or 60 percent were from couples with one or more children under 18 years of age. The ages between 30-34 accounted for the highest number of divorces. A one - year interlocutory provision is applicable in Guam.



SUMMARY OF VITAL STATISTICS  
GUAM, M. I.

	1971		1972		1973	
	NO.	RATES	NO.	RATES	NO.	RATES
Live Births	3068	34.4	3206	35.1	3234	30.9
Legitimate	2726	30.6	2812	30.8	2767	26.5
Illegitimate	342	111.5	394	122.9	466	144.1
Deaths	364	4.1	409	4.5	435	4.2
Infant Deaths	63	20.5	49	15.3	75	23.2
Neonatal Deaths	21	6.8	-	-	-	-
Maternal Deaths	-	-	-	-	-	-
Fetal Deaths	38	12.4	36	11.2	33	10.2
Marriages	1585	17.8	2095	22.9	2510	24.0
Divorces	91	1.0	109	1.2	100	1.0
Adoption	57	0.6	162	1.8	180	1.7

\* Birth and death rates per 1,000 population, (104,572, Department of Commerce) maternal, and fetal death rates per 1,000 live births.

Deliveries to Mothers Below 18 Years Old  
(1972)

I Number of women below 18 years old  
Under 15 years ----- 7  
15 to 18 years ----- 472  
Total ----- 479 (14.94%)  
Total live Births - (1972) - 3206

II Legitimacy of Birth  
Legitimate ----- 329 (69%)  
Illegitimate ----- 150 (31%)

The 7 mothers under 15 years old are all illegitimate and first born.

III Number of Illegitimate live births born to mothers 19 years and below  
First ----- 135  
Second ----- 11  
Third ----- 3  
Fourth ----- 2  
Fifth ----- 1

IV Number of Premature birth to mothers below 18 years old.  
Legitimate - below 5 lbs. ---- 43  
5 lbs to 5 lbs 7 oz. ---- 18  
Total ----- 41  
(12%)

Illegitimate - below 5 lbs. ---- 12  
5 lbs to 5 lbs 7 oz. ---- 12  
Total ----- 24  
(16%)

Total premature births 65 (13.5%)

V Number of women with complications during pregnancy, delivery and post-partum. e.g. post-partum hemorrhage, pre-eclampsia, C-section delivery, etc.  
Legitimate ----- 86 (26%)  
Illegitimate ----- 51 (34%)  
Total ----- 137 (28.6%)

SUMMARY

1973 Births (Legitimate and Illegitimate)  
Mothers - 18 years and Under

I Number of women below 18 years old  
12 years ----- 1  
13 years ----- 1  
14 years ----- 5  
15 years ----- 17  
16 years ----- 44  
17 years ----- 114  
18 years ----- 138  
Total 320 (9.9%)  
Total Live births 3234

II Legitimacy of Birth  
Legitimate ----- 187 (58.6%)  
Illegitimate ----- 133 (41.7%)

The 7 mothers under 15 are all illegitimate and first born.

III Birth order for mothers age 15-18  
First ----- 264  
Second ----- 47  
\* Third ----- 1  
\*\* Fourth ----- 1  
313

\* (17yrs. - Legitimate)  
\*\* (18yrs. - Legitimate)

IV Premature Births  
Legitimate - below 5 lbs. ---- 15  
5 lbs.- 5 lbs. 7 oz. ---- 7  
Total ----- 22  
(11.8%)

Illegitimate - below 5 lbs ---- 16  
5 lbs.- 5 lbs. 7 oz. ---- 7  
Total ----- 23  
(17.3%)

Total premature births 44

V Number of women with complications related to pregnancy  
Legitimate  
C-Section ----- 15  
Pre-eclampsia ----- 3  
Urinary tract infection- 2  
PP Hemorrhage ----- 0  
Nerves ----- 1  
High blood pressure --- 1  
Total ----- 22 (11.8%)

Illegitimate  
C-Section ----- 17  
PP hemorrhage ----- 1  
18 (13.6%)

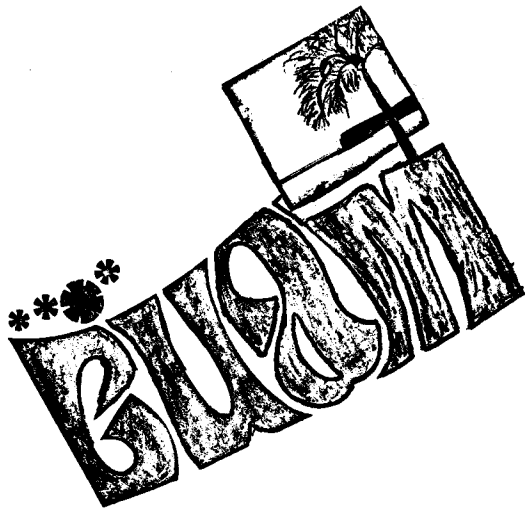
VI First Prenatal Visit  
Legitimate --at sixth month - 56(17%)  
 Four and five month-101 (30%)  
 No prenatal care--5 (1.5%)  
 Illegitimate--at seventh month-31(20%)  
 5th and 6th month-----51 (34%)  
 No prenatal care-----11 (7%)

VI First Prenatal Visit  
Legitimate  
 4th and 5th month ----- 64 (34.2%)  
 6th ----- 30 (16.1%)  
 7th ----- 22 (11.8%)  
 8th ----- 9 (4.8%)  
 9th ----- 4 (2.2%)  
 No prenatal ----- 5 (2.7%)  
 133

Illegitimate  
 4th and 5th month ----- 39 (29.5%)  
 6th ----- 26 (19.7%)  
 7th ----- 22 (16.7%)  
 8th ----- 13 (9.8%)  
 9th ----- 2 (1.5%)  
 No prenatal ----- 16 (12.0%)  
 118

VII Birth of next baby in one year  
 Legitimate -----48 (14.6%)  
 Illegitimate ----- 6 (4%)

VII Birth of next baby within a year  
 Legitimate ----- 19 (10.2%)  
 Illegitimate ----- 10 (7.6%)



**NATALITY**  
LIVE BIRTHS BY PLACE OF OCCURRENCE AND MONTH OF BIRTH  
GUAM,

PLACE OF OCCURRENCE	Total Reported	M O N T H O F B I R T H											
		JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
Total Reported	3234	298	256	248	233	244	250	271	291	269	299	282	293
Guam Memorial Hospital	2347	224	193	176	171	187	170	198	222	190	223	198	195
U. S. Naval Hospital	886	73	63	72	62	80	73	69	79	76	84	98	
Other Guam	1	1	0	0	0	0	0	0	0	0	0	0	0

NATALITY

LIVE BIRTHS BY SEX AND RACE FOR - 73

RACE	MALE	FEMALE	NOT REPORTED
GUAMANIAN	587	513	-
MICRONESIAN	50	44	-
CAUCASIAN	391	388	-
FILIPINO	323	327	-
NEGRO	19	15	-
JAPANESE	19	10	-
CHINESE	9	12	-
OTHER ASIAN	9	8	-
ALL OTHERS	19	12	-
NOT REPORTED	242	236	1
T O T A L	1668	1565	1

**NATALITY**  
**LIVE BIRTH BY PLACE OF BIRTH AND MOTHER'S BIRTHPLACE - 1973**

MOTHER'S BIRTHPLACE	TOTAL ALL PLACES	P L A C E O F B I R T H				NOT REPORTED
		G.M. Hospital	U.S.N. Hosp.	OTHER	OUTSIDE	
NOT REPORTED	2	2	0	0	0	0
GUAM	1590	1441	149	0	0	0
TRUST TERRITORY	170	149	20	1	0	0
U.S.A.	696	153	543	0	0	0
PHILIPPINES	582	478	104	0	0	0
ALL OTHER	167	106	61	0	0	0
JAPAN	27	18	9	0	0	0
T O T A L	3234	2347	886	1	0	0

NATALITY

LIVE BIRTHS BY PARENTS' BIRTHPLACE FOR 1973

MOTHER'S BIRTHPLACE	TOTAL ALL PLACES	FATHER'S BIRTHPLACE						UNKNOWN
		GUAM	U.S.A	TRUST TERRITORY	PHILIPPINES	OTHER	JAPAN	
NOT REPORTED	2	-	-	-	-	-	-	2
GUAM	1590	950	90	47	100	8	1	394
TRUST TERRITORY	170	56	23	45	4	1	-	41
U.S.A.	696	65	579	3	9	12	-	28
PHILIPPINES	582	15	27	3	519	2	-	16
ALL OTHER	167	23	65	2	7	68	-	2
JAPAN	27	2	9	1	2	-	11	2
TOTAL ALL PLACES	3234	1111	793	101	641	91	12	485

NATALITY

LIVE BIRTH BY MOTHER'S BIRTHPLACE, ILLEGITIMACY AND RATIO TO TOTAL BIRTHS - 73

MOTHER'S BIRTHPLACE	TOTAL ALL PLACES	L E G I T I M A C Y								RATIO TO TOTAL BIRTH
		L E G I T I M A T E			I L L E G I T I M A T E			UNKNOWN	RATIO TO MALE	
		MALE	FEMALE	UNKNOWN	MALE	FEMALE	UNKNOWN			
NOT REPORTED	2	0	0	0	0	2	0	0	.0 to 0	1.0 to 1
GUAM	1590	639	571	0	192	187	1	0	8.3 to 1	8.5 to 1
TRUST TERRITORY	170	70	59	0	19	22	0	0	8.9 to 1	7.7 to 1
U.S.A.	696	344	327	0	14	11	0	0	49.7 to 1	63.3 to 1
PHILIPPINES	582	287	281	0	7	7	0	0	83.1 to 1	83.1 to 1
ALL OTHER	167	80	84	0	1	2	0	0	167.0 to 1	83.5 to 1
JAPAN	27	15	11	0	0	1	0	0	.0 to 0	27.0 to 1
T O T A L	3234	1435	1333	0	233	232	1	0	13.9 to 1	13.9 to 1

NATALITY - 73  
LIVE BIRTHS REALLOCATED TO USUAL RESIDENCE OF MOTHER  
(MOTHER'S BIRTH PLACE AND BIRTH RATE BY VILLAGE)

MOTHER'S USUAL RESIDENCE	MOTHER'S BIRTHPLACE							POPULATION	BIRTH RATE		
	TOTAL	GUAM	T.T.	U.S.A.	P.I.	OTHER	JAPAN			UNKNOWN	
NOT REPORTED	9		1	1	2	4	1	-	-	-	-
AGANA	79	30	6	14	21	8	-	-	1,259	62.7	
AGANA HEIGHTS	107	68	6	17	12	4	-	-	4,075	26.3	
AGAT	180	114	10	15	33	7	1	-	8,821	20.4	
ASAN	76	48	6	6	15	1	-	-	2,146	34.9	
BARRIGADA	199	139	13	18	17	10	2	-	6,456	30.8	
CHALAN PAGO ORDOT	118	89	12	5	6	4	2	-	3,209	36.1	
DEDEDO	576	247	25	56	216	29	3	-	16,000	36.1	
INARAJAN	84	79	-	4	-	1	-	-	2,484	33.8	
MANGILAO	147	79	16	29	21	1	1	-	6,000	24.7	
MERIZO	78	71	1	3	2	-	-	1	2,042	38.2	
MONGMONG-TOTO-MAITE	180	99	14	29	26	12	-	-	3,177	56.7	
PITI	58	42	3	2	9	2	-	-	1,463	39.6	
SANTA RITA	82	54	1	11	14	2	-	-	4,096	20.0	
SINAJANA	125	99	5	9	7	3	1	1	5,000	25.0	
TALOFORO	84	66	4	11	-	3	-	-	1,965	42.7	
TAMUNING	305	84	20	66	90	38	7	-	16,340	18.7	
UMATAC	39	37	1	-	-	1	-	-	1,222	68.9	
YIGO	113	51	10	27	23	1	1	-	4,300	26.3	
YONA	95	79	4	6	3	2	1	-	3,000	31.7	
MILITARY AREA	491	13	9	362	63	37	7	-	-	-	
TRUST TERRITORY	7	-	2	4	-	-	1	-	-	-	
U.S.A.	2	1	1	-	-	-	-	-	-	-	
<b>TOTAL</b>	<b>3234</b>	<b>1590</b>	<b>170</b>	<b>696</b>	<b>582</b>	<b>167</b>	<b>27</b>	<b>2</b>	<b>93,055</b>	<b>34.8</b>	

\* AS RELEASED BY CHIEF COMMISSIONER'S OFFICE. VILLAGE BREAKDOWN NOT AVAILABLE AT DEPARTMENT OF COMMERCE.  
\*\* AS PER 1,000 POPULATION

NATIVITY - BIRTHS REALLOCATED - TO USUAL RESIDENCE - AND AGE OF MOTHER 73

USUAL RESIDENCE	TOTAL	UNDER 15	AGE OF MOTHER										50 & OVER	UNK		
			15-19	20-24	25-29	30	34	35-39	40-44	45-49						
NOT REPORTED	9	-	-	5	-	-	-	-	-	-	-	-	-	-	-	1
AGANA	79	1	20	21	10	20	2	2	2	2	2	2	2	2	2	-
AGANA HEIGHTS	107	-	20	25	10	20	2	2	2	2	2	2	2	2	2	-
AGAT	180	-	20	26	10	20	2	2	2	2	2	2	2	2	2	-
ASAN	76	1	18	20	10	15	2	2	2	2	2	2	2	2	2	-
BARRIGADA	199	-	23	84	50	30	2	2	2	2	2	2	2	2	2	-
CHALAN PAGO OROOT	118	2	39	25	10	20	2	2	2	2	2	2	2	2	2	-
DEDEDO	576	-	47	192	260	50	12	12	12	12	12	12	12	12	12	-
INARAJAN	84	-	20	7	25	20	2	2	2	2	2	2	2	2	2	-
MANGILAO	147	-	20	71	24	20	2	2	2	2	2	2	2	2	2	-
MERIZO	78	-	20	11	25	10	2	2	2	2	2	2	2	2	2	-
MONGMONG-TOTO-MAITE	180	1	20	97	25	25	2	2	2	2	2	2	2	2	2	-
PITI	58	-	1	5	20	20	2	2	2	2	2	2	2	2	2	-
SANTA RITA	82	-	20	5	25	20	2	2	2	2	2	2	2	2	2	-
SINAJANA	125	-	39	40	19	20	5	2	2	2	2	2	2	2	2	-
TALOFOFO	84	-	20	6	25	20	2	2	2	2	2	2	2	2	2	-
TAMUNING	305	-	20	192	51	20	12	12	12	12	12	12	12	12	12	-
UMATAC	39	1	5	5	7	10	9	2	2	2	2	2	2	2	2	-
YIGO	113	1	20	20	40	20	2	2	2	2	2	2	2	2	2	-
YONA	95	-	15	43	10	15	2	2	2	2	2	2	2	2	2	-
MILITARY AREA	491	-	110	217	123	20	17	3	3	3	3	3	3	3	3	-
TRUST TERRITORY	7	-	1	1	1	1	1	1	1	1	1	1	1	1	1	-
U.S.A.	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL	3234	7	499	1187	847	416	207	64	64	64	64	64	64	64	64	2