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Guam

CHARACTERISTICS OF THE POPULATION

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Census of Population

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1980 Census of Population

VOLUME 1
CHARACTERISTICS OF THE POPULATION

CHAPTER A

Number of Inhabitants

PART 54

GUAM

PC80-1-A54

Issued November 1982



U.S. Department of Commerce
Malcolm Baldrige, Secretary
Guy W. Fiske,
Deputy Secretary
Robert G. Dederick,
Under Secretary for
Economic Affairs

BUREAU OF THE CENSUS
Bruce Chapman, Director

Data Index

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BUREAU OF THE CENSUS
Bruce Chapman, Director
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POPULATION DIVISION
Roger A. Herriot, Chief

Acknowledgments

Many persons participated in the diverse activities of the 1980 census. These acknowledgments generally reflect staff during the census-taking process. The Bureau was guided by then Director, **Vincent P. Barabba** and then Deputy Director, **Daniel B. Levine**. Primary direction of the census program was performed by **George E. Hall**, Associate Director for Demographic Fields, assisted by **Earle J. Gerson**, then Assistant Director for Demographic Censuses, in conjunction with **Barbara A. Bailar**, Associate Director for Statistical Standards and Methodology, **Howard N. Hamilton**, Assistant Director for Computer Services, **Shirley Kallek**, Associate Director for Economic Fields, **James D. Lincoln**, Associate Director for Administration, **Rex L. Pullin**, Associate Director for Field Operations, and **W. Bruce Ramsay**, Associate Director for Information Technology. The director's staff was assisted by **Peter A. Bounpane** and **Sherry L. Courtland**.

Responsibility for developing the population portion of the 1980 census questionnaire content and designing the tabulations was in the Population Division, under the supervision of **Meyer Zitter**, then Chief, **Paula J. Schneider**, Staff Assistant for Census Programs, **Roger A. Herriot**, **Nampee D. McKenney**, and **Arthur J. Norton**, Assistant Chiefs. This report was prepared by **Robert C. Speaker**, Chief, Population Distribution Branch, with the assistance of **Sam T. Davis**, **Michael J. Levin**, **Joel C. Miller**, **Peggy Payne**, and **Cynthia M. Taeuber**.

Responsibility for the overall planning, coordination, data collection, and processing of the 1980 census was in the Decennial Census Division under the direction of **Gerald J. Post**, then Acting Chief, assisted by **Marie G. Argana**, **Rachel F. Brown**, **Donald R. Dalzell**, **H. Ray Dennis**, **Leonard Goldberg**, **Morris Gorinson**, **Earle B. Knapp, Jr.**, and **Roger O. Lepage**. The Outlying Areas Branch was under the direction of **Carmina Fernández Young**, then Chief, assisted by **Irma F. Harahush** and **Ángel M. Landrón**.

The following Census Bureau employees were designated as Census Advisors to oversee data collection activities in the various areas: **Melvin A. Hendry**, Advisor for the Virgin Islands of the United States, **Michael J. Levin**, Advisor for the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific

Islands, **Guy A. Lutz**, Advisor for Guam and the Trust Territory of the Pacific Islands, excluding the Northern Mariana Islands, and **C. Kemble Worley**, Advisor for American Samoa. Data collection was carried out by each Area through a special agreement with the governor or High Commissioner under the direction of a census coordinator appointed by each governor or High-Commissioner.

Data base and generalized system support was developed and provided by the Systems Development Division, **Judy M. Bedell**, Chief, under the direction of **John Jerry Bell**, Assistant Chief.

Computer processing was performed in the Computer Operations Division, **C. Thomas DiNenna**, then Chief, and **John E. Halterman**, Assistant Chief.

The Statistical Methods Division was largely responsible for developing new procedures to obtain a more accurate count of the population. This work was supervised by **Charles D. Jones**, Chief, **David V. Bateman**, **Susan M. Miskura**, and **Robert T. O'Reagan**, Assistant Chiefs.

Geographic programs and plans were developed in the Geography Division under the direction of **Gerald F. Cranford**, then Assistant Chief, **Robert W. Marx** and **Silla G. Tomasi**, Assistant Chiefs, and **Donald I. Hirschfeld**, Special Assistant. **Joseph J. Knott** coordinated geographic operational phases.

The coordination and acquisition of automatic data processing equipment were the responsibility of the Automatic Data Processing Planning Staff, **James R. Pepal**, Chief, under the direction of **Richard L. Pauly**, Deputy Chief.

The system design, technical specifications, construction, and installation of the FOSDIC and Automated Camera Technology System were the responsibility of the Technical Services Division, **McRae Anderson**, Chief, assisted by **Robert E. Joseph**, Assistant Chief.

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Many other persons participated in the various activities of the 1980 census. For a list of key personnel, refer to the *History of the 1980 Census of Population and Housing*, (PHC80-R-2).

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Introduction

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GENERAL

This report presents statistics from the 1980 Census of Population on the number of inhabitants of the Area, its subdivisions, places, and certain other geographic areas. The abbreviated identification for this report is PC80-1-A (i.e., Population Census, 1980-Volume 1-Chapter A) followed by a number representing the Area. Legal provision for this census, which was conducted as of April 1, 1980 (September 15, 1980 for the Trust Territory of the Pacific Islands, excluding the Northern Mariana Islands) was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976) which codified Title 13, United States Code.

A large portion of the information compiled from the 1980 Census of Population will appear in Volume 1, *Characteristics of the Population*, of which this report is part.

For Guam, the Virgin Islands of the United States, and American Samoa, the 1980 census figures presented may differ from those shown in the *Advance Reports*, PHC80-V. The changes reflect corrections of errors found after the PHC80-V report was prepared and may affect any geographic area shown in this report.

For the Northern Mariana Islands and the remainder of the Trust Territory

of the Pacific Islands, the 1980 census figures presented are final counts and supersede the preliminary counts published for each Area.

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census and consultation with a wide variety of users of census data. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes, however, do not affect to any appreciable extent the comparability between the 1980 data and the 1970 data shown in this report.

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

CONTENTS OF THE REPORT

This report contains a text (this introduction and three appendixes), a table of contents, 13 detailed tables, and maps. A general location map and a map of the Area appear after the table of contents. Each table is identified by a table number and title. The "stubhead" at the left under the title defines the types of geographic areas for which data are shown in the particular table and is considered part of the table title.

The tables are followed by a map section which includes:

- A map legend for the Guam subdivi-

sion (election district) map.

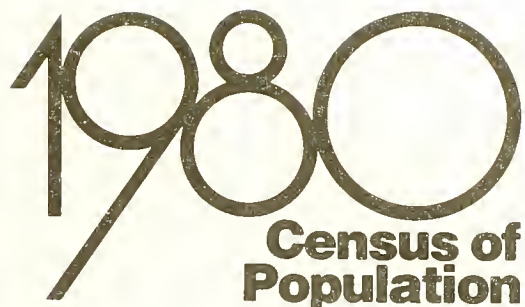
- A one-page Guam subdivision (election district) map that shows the names and boundaries of election districts and places, as recognized by the Census Bureau in the published tables.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., urban and rural residence, minor civil divisions, places). Appendix B explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix C presents information on the sources of error in the data.

SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash "--" represents zero or a percent which rounds to less than 0.1.
- Three dots "... " mean not applicable.
- (NA) means not available.
- A minus sign preceding a figure denotes decrease.
- The prefix "r" indicates that the count has been revised since the publication of 1970 census reports, or that the area was erroneously omitted, or that the area was not shown in the correct geographic relationship in the 1970 census reports.
- CDP is census designated place.
- SMSA is standard metropolitan statistical area.
- (unorg.) is unorganized territory.



Number of Inhabitants

GUAM

PC80-1-A54

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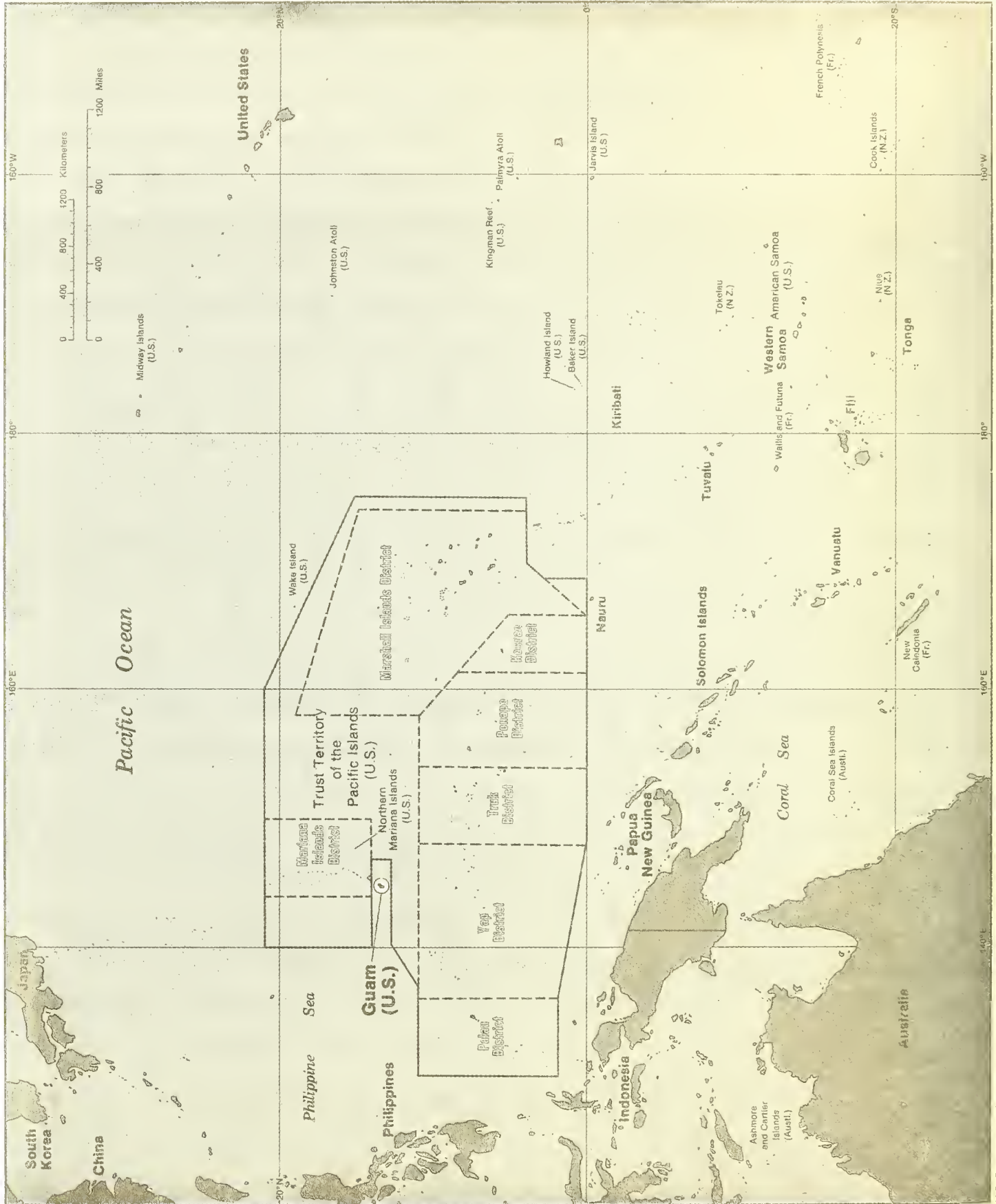
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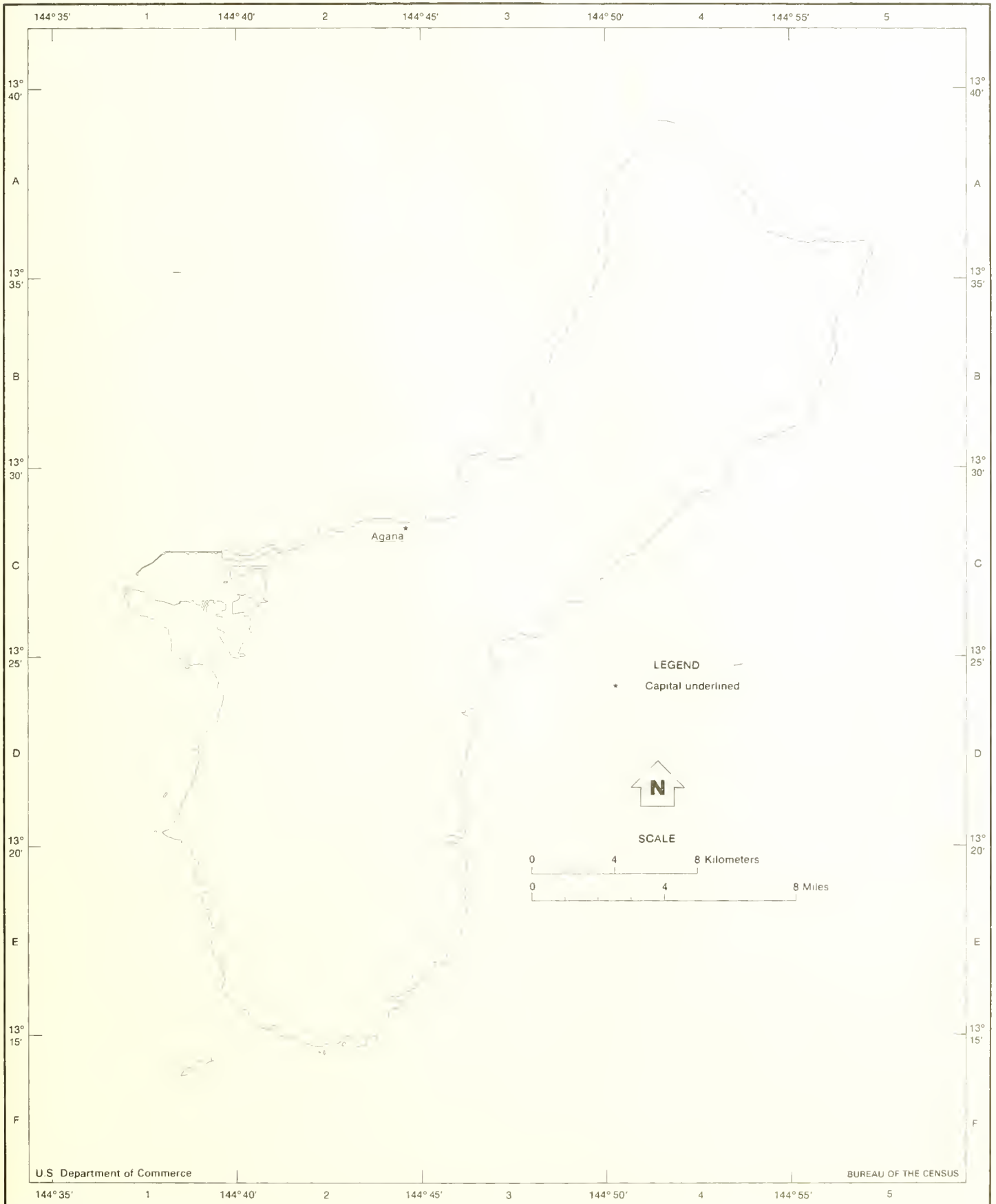
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Guam and the Pacific Area



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 Names and boundary representation are as of January 1, 1980 and are not necessarily authoritative.

Guam



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CORRECTION NOTE

Any corrections to the 1980 census counts of the total population shown in this report made after the report is printed are available by writing to Data User Services Division, Customer Services (Corrections), Bureau of the Census, Washington, D.C. 20233.

Table 1. Population of Guam: Earliest Census to 1980

[For description of current and previous urban definitions, see appendix A For meaning of symbols, see Introduction]

Urban and Rural

	The area		Urban				Rural			Percent of total population		
	Total population	Change from preceding census		Places of 2,500 or more	Population	Change from preceding census		Population	Change from preceding census		Urban	Rural
		Number	Percent			Number	Percent		Number	Percent		
Current urban definition:												
1980 (Apr. 1)-----	105 979	20 983	24.7	10	41 875	20 204	93.2	64 104	779	1.2	39.5	60.5
1970 (Apr. 1)-----	84 996	17 952	26.8	5	21 671	7 624	54.3	63 325	10 328	19.5	25.5	74.5
1960 (Apr. 1)-----	67 044	7 546	12.7	4	14 047	10 978	357.7	52 997	-3 432	-6.1	21.0	79.0
1950 (Apr. 1)-----	59 498	37 208	166.9	1	3 069	...	...	56 429	...	...	5.2	94.8
Previous urban definition:												
1960 (Apr. 1)-----	67 044	7 546	12.7	4	14 047	10 978	357.7	52 997	-3 432	-6.1	21.0	79.0
1950 (Apr. 1)-----	59 498	37 208	166.9	1	3 069	-6 935	-69.3	56 429	44 143	359.3	5.2	94.8
1940 (Apr. 1)-----	22 290	3 781	20.4	1	10 004	1 314	15.1	12 286	2 467	25.1	44.9	55.1
1930 (Apr. 1)-----	18 509	5 234	39.4	1	8 690	1 258	16.9	9 815	3 976	68.0	47.0	53.0
1920 (Jan. 1)-----	13 275	1 469	12.4	1	7 432	...	...	5 843	...	...	56.0	44.0
1910-----	11 806	2 130	22.0	(NA)	(NA)	...	...	(NA)	...	...	...	...
1901-----	9 676	...	...	(NA)	(NA)	...	...	(NA)	...	...	...	...

NOTE: Censuses prior to 1920 taken by naval governor. 1920 population includes native men enlisted in United States Navy, but excludes United States naval station personnel, numbering 309. 1930 figures include population (1,118) on United States naval reservations, and persons on the United States ships stationed at Guam. 1940 figures include 213 persons on United States naval vessels in Apra Harbor.

Table 2. Land Area and Population: 1930 to 1980

[For meaning of symbols, see Introduction]

Guam	1980 land area		Population									
	Square miles	Square kilometers	1980			Percent change		1970	1960	1950	1940	1930
			Number	Per square mile	Per square kilometer	1970 to 1980	1960 to 1970					
Guam-----	209	541	105 979	507.1	195.9	24.7	26.8	84 996	67 044	59 498	22 290	18 509
Guam-----	209	541	105 979	507.1	195.9	24.7	26.8	84 996	67 044	59 498	22 290	18 509

Table 3. Population of Guam by Urban and Rural Residence: 1980 and 1970

[For meaning of symbols, see Introduction]

Guam	Urban					Rural						
	1980				Percent change, 1970 to 1980	1980				Percent change, 1970 to 1980		
	Total	Percent of total population	Inside urbanized areas	Outside urbanized areas		Total	Places of 1,000 to 2,500	Places of less than 1,000	Other rural			
Guam-----	41 875	39.5	-	41 875	21 671	93.2	64 104	20 880	6 351	36 873	63 325	1.2
Guam-----	41 875	39.5	-	41 875	21 671	93.2	64 104	20 880	6 351	36 873	63 325	1.2

Table 4. Population of Guam Subdivisions: 1960 to 1980

(For meaning of symbols, see Introduction)

Guam Subdivisions	1980	1970	1960
Guam	105 979	84 996	67 044
Guam	105 979	84 996	67 044
Agana district	896	2 119	1 642
Agana (CDP)	896	2 119	1 642
Agana Heights district	3 284	3 156	3 210
Agana Heights (CDP)	2 970	3 156	3 210
Agat district	3 999	4 308	3 107
Agat (CDP)	2 908	2 612	2 596
Ason district	2 034	2 629	3 053
Ason (CDP)	726	755	543
Maina (CDP)	891	...	...
Nimitz Hill Annex (COP)	417	...	...
Barrigada district	7 756	6 356	5 430
Agana Station (CDP) (pt)	1 650	...	...
Barrigada (CDP)	3 127	1 549	1 729
Barrigada Heights	1 127	...	...
Chalan Pago-Ordat district	3 120	2 931	1 835
Chalan Pago (COP)	1 921	...	...
Ordat (CDP)	1 199	...	...
Dededo district	23 644	10 780	5 126
Dededo (COP)	2 524	2 386	2 247
Finagayan Station (CDP)	3 538	...	...
Marbo Annex (CDP) (pt) .....	-	...	...
Inarajan district	2 059	1 897	1 730
Inarajan (CDP)	918	614	761
Mangilao district	6 840	3 228	1 965
Latta Heights (CDP)	1 056	...	...
Mangilao (CDP)	4 029	...	...
Marbo Annex (COP) (pt)	856	...	...
Merizo district	1 663	1 529	1 398
Merizo (CDP)	1 500	731	508
Mangmang-Toto-Maite district	5 245	6 057	3 015
Agana Station (CDP) (pt)	410	...	...
Maite (CDP)	419	...	...
Mangmang (COP)	2 058	5 052	2 285
Toto (COP)	2 358	1 005	730
Piti district	2 866	1 284	1 467
Piti (CDP)	737	...	...
Santa Rita district	9 183	8 109	12 126
Apra Harbor (CDP)	5 633	...	...
Santa Rita (CDP)	1 264	1 976	1 630
Santa Rosa (CDP)	860	...	...
Sinajana district	2 485	3 506	3 862
Sinajana (COP)	1 879	2 621	2 861
Talafata district	2 006	1 935	1 352
Talafata (COP)	1 470	844	947
Tamuning district	13 580	10 218	5 944
Tamuning (CDP)	8 862	8 230	5 380
Umatac district	732	813	744
Umatac (COP)	487	423	393
Yigo district	10 359	11 542	7 682
Andersen AFB (CDP)	4 892	...	...
Marbo Annex (CDP) (pt)	184	...	...
Yigo (CDP)	3 392	...	...
Yona district	4 228	2 599	2 356
Yona (CDP)	1 948	1 006	1 105

NOTE: The entire island of Guam is considered a county equivalent for census purposes. The minor civil divisions (MCD's) are election districts. There are no incorporated places in Guam; places shown as cities and villages in 1970, and additional places meeting Census criteria, are shown in this report as census designated places (CDP's).

Table 5. Population of Places: 1960 to 1980

[For meaning of symbols, see Introduction]

Census Designated Places

	1980	1970	1960
Agana (CDP) ----- Guam -----	896	2 119	1 642
Agana Heights (CDP) ----- Guam -----	2 970	3 156	3 210
Agana Station (CDP) ----- Guam -----	2 060	...	...
Agat (CDP) ----- Guam -----	2 908	2 612	2 596
Andersen AFB (CDP) ----- Guam -----	4 892	...	...
Apra Harbor (CDP) ----- Guam -----	5 633	...	...
Asan (CDP) ----- Guam -----	726	755	543
Barrigada (CDP) ----- Guam -----	3 127	1 549	1 729
Barrigada Heights (CDP) ----- Guam -----	1 127	...	...
Chalan Poga (CDP) ----- Guam -----	1 921	...	...
Dededo (CDP) ----- Guam -----	2 524	2 386	2 247
Finegayan Station (CDP) ----- Guam -----	3 538	...	...
Inarajan (CDP) ----- Guam -----	918	614	761
Latte Heights (CDP) ----- Guam -----	1 056	...	...
Maina (CDP) ----- Guam -----	891	...	...
Maite (CDP) ----- Guam -----	419	...	...
Mangilao (CDP) ----- Guam -----	4 029	...	...
Marbo Annex (CDP) ----- Guam -----	1 040	...	...
Merizo (CDP) ----- Guam -----	1 500	731	508
Mongmong (CDP) ----- Guam -----	2 058	5 052	2 285
Nimitz Hill Annex (CDP) ----- Guam -----	417	...	...
Ordat (CDP) ----- Guam -----	1 199	...	...
Piti (CDP) ----- Guam -----	737	...	...
Santa Rita (CDP) ----- Guam -----	1 264	1 976	1 630
Santa Rosa (CDP) ----- Guam -----	860	...	...
Sinajana (CDP) ----- Guam -----	1 879	2 621	2 861
Talofafo (CDP) ----- Guam -----	1 470	844	947
Tamuning (CDP) ----- Guam -----	8 862	8 230	5 380
Toto (CDP) ----- Guam -----	2 358	1 005	730
Umatac (CDP) ----- Guam -----	487	423	393
Yigo (CDP) ----- Guam -----	3 392	...	...
Yona (CDP) ----- Guam -----	1 948	1 006	1 105

Table 6. Rank and Population of Incorporated Places of 5,000 or More in 1980: 1980 and 1970

(Table omitted because there are no incorporated places of 5,000 or more.)

Table 7. Population by Size of Place: 1980 and 1970

[For meaning of symbols, see Introduction]

The Area Urbanized Areas	1980				1970			
	Places	Population	Percent of total population	Percent distribution	Places	Population	Percent of total population	Percent distribution
THE AREA								
Total	32	105 979	100.0	...	16	84 996	100.0	...
Urban	10	41 875	39.5	100.0	5	21 671	25.5	100.0
Inside urbanized areas	-	-	-	-	-	-	-	-
Central cities	-	-	-	-	-	-	-	-
Cities of—	-	-	-	-	-	-	-	-
1,000,000 or more	-	-	-	-	-	-	-	-
500,000 to 1,000,000	-	-	-	-	-	-	-	-
250,000 to 500,000	-	-	-	-	-	-	-	-
100,000 to 250,000	-	-	-	-	-	-	-	-
50,000 to 100,000	-	-	-	-	-	-	-	-
Less than 50,000	-	-	-	-	-	-	-	-
Urban fringe	-	-	-	-	-	-	-	-
Places of 2,500 or more	-	-	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-	-	-
50,000 to 100,000	-	-	-	-	-	-	-	-
25,000 to 50,000	-	-	-	-	-	-	-	-
10,000 to 25,000	-	-	-	-	-	-	-	-
5,000 to 10,000	-	-	-	-	-	-	-	-
2,500 to 5,000	-	-	-	-	-	-	-	-
Places of less than 2,500	-	-	-	-	-	-	-	-
2,000 to 2,500	-	-	-	-	-	-	-	-
1,500 to 2,000	-	-	-	-	-	-	-	-
1,000 to 1,500	-	-	-	-	-	-	-	-
Less than 1,000	-	-	-	-	-	-	-	-
Other urban .....	...	-	-	-	...	-	-	-
Outside urbanized areas	10	41 875	39.5	100.0	5	21 671	25.5	100.0
Places of—	-	-	-	-	-	-	-	-
25,000 or more	-	-	-	-	-	-	-	-
10,000 to 25,000	-	-	-	-	-	-	-	-
5,000 to 10,000	2	14 495	13.7	34.6	2	13 282	15.6	61.3
2,500 to 5,000	8	27 380	25.8	65.4	3	8 389	9.9	38.7
Rural	22	64 104	60.5	100.0	11	63 325	74.5	100.0
Places of 1,000 to 2,500	13	20 880	19.7	32.6	6	10 041	11.8	15.9
2,000 to 2,500	3	6 476	6.1	10.1	2	4 505	5.3	7.1
1,500 to 2,000	4	7 248	6.8	11.3	2	3 525	4.1	5.6
1,000 to 1,500	6	7 156	6.8	11.2	2	2 011	2.4	3.2
Places of less than 1,000	9	6 351	6.0	9.9	5	3 367	4.0	5.3
Other rural .....	...	36 873	34.8	57.5	...	49 917	58.7	78.8
URBANIZED AREAS								
Total	-	-	-	-	-	-	-	-
Areas of—	-	-	-	-	-	-	-	-
1,000,000 or more	-	-	-	-	-	-	-	-
500,000 to 1,000,000	-	-	-	-	-	-	-	-
250,000 to 500,000	-	-	-	-	-	-	-	-
100,000 to 250,000	-	-	-	-	-	-	-	-
Less than 100,000	-	-	-	-	-	-	-	-

Table 8. Population by Urban and Rural Residence: 1930 to 1980

[Portions of certain cities may be classified as rural, see appendix A for explanation For meaning of symbols, see Introduction]

Size of Place	1980	1970	1960	1950		1940	1930
				Current urban definition	Previous urban definition		
NUMBER OF PLACES							
Urban	10	5	4	1	1	1	1
Places of 2,500 or more	10	5	4	1	1	1	1
1,000,000 or more	-	-	-	-	-	-	-
500,000 to 1,000,000	-	-	-	-	-	-	-
250,000 to 500,000	-	-	-	-	-	-	-
100,000 to 250,000	-	-	-	-	-	-	-
50,000 to 100,000	-	-	-	-	-	-	-
25,000 to 50,000	-	-	-	-	-	-	-
10,000 to 25,000	-	-	-	-	-	1	-
5,000 to 10,000	2	2	1	-	-	-	1
2,500 to 5,000	8	3	3	1	1	-	-
Places of less than 2,500	-	-	-	-	-	-	-
Rural	22	11	12	19	19	96	31
Places of 1,000 to 2,500	13	6	6	5	5	1	2
Places of less than 1,000	9	5	6	14	14	95	29
Cumulative summary:							
Places of—							
1,000,000 or more	-	-	-	-	-	-	-
500,000 or more	-	-	-	-	-	-	-
250,000 or more	-	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-	-
50,000 or more	-	-	-	-	-	-	-
25,000 or more	-	-	-	-	-	1	-
10,000 or more	-	-	-	-	-	1	1
5,000 or more	2	2	1	-	-	1	1
2,500 or more	10	5	4	1	1	1	1
POPULATION							
Urban	41 875	21 671	14 047	3 069	3 069	10 004	8 690
Places of 2,500 or more	41 875	21 671	14 047	3 069	3 069	10 004	8 690
1,000,000 or more	-	-	-	-	-	-	-
500,000 to 1,000,000	-	-	-	-	-	-	-
250,000 to 500,000	-	-	-	-	-	-	-
100,000 to 250,000	-	-	-	-	-	-	-
50,000 to 100,000	-	-	-	-	-	-	-
25,000 to 50,000	-	-	-	-	-	-	-
10,000 to 25,000	-	-	-	-	-	10 004	-
5,000 to 10,000	14 495	13 282	5 380	-	-	-	8 690
2,500 to 5,000	27 380	8 389	8 667	3 069	3 069	-	-
Places of less than 2,500	-	-	-	-	-	-	-
Other urban	-	-	-	-	-	-	-
Rural	64 104	63 325	52 997	56 429	56 429	12 286	9 819
Places of 1,000 to 2,500	20 880	10 041	10 638	6 799	6 799	1 388	2 146
Places of less than 1,000	6 351	3 367	3 882	8 874	8 874	10 898	7 673
Other rural	36 873	49 917	38 477	40 756	40 756	-	-
PERCENT OF TOTAL POPULATION							
Urban	39.5	25.5	21.0	5.2	5.2	44.9	47.0
Places of 2,500 or more	39.5	25.5	21.0	5.2	5.2	44.9	47.0
1,000,000 or more	-	-	-	-	-	-	-
500,000 to 1,000,000	-	-	-	-	-	-	-
250,000 to 500,000	-	-	-	-	-	-	-
100,000 to 250,000	-	-	-	-	-	-	-
50,000 to 100,000	-	-	-	-	-	-	-
25,000 to 50,000	-	-	-	-	-	-	-
10,000 to 25,000	-	-	-	-	-	44.9	-
5,000 to 10,000	13.7	15.6	8.0	-	-	-	47.0
2,500 to 5,000	25.8	9.9	12.9	5.2	5.2	-	-
Places of less than 2,500	-	-	-	-	-	-	-
Other urban	-	-	-	-	-	-	-
Rural	60.5	74.5	79.0	94.8	94.8	55.1	53.0
Places of 1,000 to 2,500	19.7	11.8	15.9	11.4	11.4	6.2	11.6
Places of less than 1,000	6.0	4.0	5.8	14.9	14.9	48.9	41.5
Other rural	34.8	58.7	57.4	68.5	68.5	-	-

Table 9. Population Inside and Outside Standard Metropolitan Statistical Areas (SMSA's) by Urban and Rural Residence: 1980

[For meaning of symbols, see Introduction]

The Area
Inside SMSA's
Outside SMSA's

THE AREA

	Inside places										Outside places	
	Total		Incorporated places						Census designated places			
	Total population	Number	Population	Total		Central cities of SMSA's		Other		Number		Population
				Number	Population	Number	Population	Number	Population			
Total	105 979	32	69 106	-	-	-	-	-	32	69 106	36 873	
Urban	41 875	10	41 875	-	-	-	-	-	10	41 875	-	
Inside urbanized areas	-	-	-	-	-	-	-	-	-	-	-	
Central cities	-	-	-	-	-	-	-	-	-	-	-	
Cities of—	-	-	-	-	-	-	-	-	-	-	-	
1,000,000 or more	-	-	-	-	-	-	-	-	-	-	-	
500,000 to 1,000,000	-	-	-	-	-	-	-	-	-	-	-	
250,000 to 500,000	-	-	-	-	-	-	-	-	-	-	-	
100,000 to 250,000	-	-	-	-	-	-	-	-	-	-	-	
50,000 to 100,000	-	-	-	-	-	-	-	-	-	-	-	
Less than 50,000	-	-	-	-	-	-	-	-	-	-	-	
Urban fringe	-	-	-	-	-	-	-	-	-	-	-	
Places of 2,500 or more	-	-	-	-	-	-	-	-	-	-	-	
100,000 or more	-	-	-	-	-	-	-	-	-	-	-	
50,000 to 100,000	-	-	-	-	-	-	-	-	-	-	-	
25,000 to 50,000	-	-	-	-	-	-	-	-	-	-	-	
10,000 to 25,000	-	-	-	-	-	-	-	-	-	-	-	
5,000 to 10,000	-	-	-	-	-	-	-	-	-	-	-	
2,500 to 5,000	-	-	-	-	-	-	-	-	-	-	-	
Places of less than 2,500	-	-	-	-	-	-	-	-	-	-	-	
2,000 to 2,500	-	-	-	-	-	-	-	-	-	-	-	
1,500 to 2,000	-	-	-	-	-	-	-	-	-	-	-	
1,000 to 1,500	-	-	-	-	-	-	-	-	-	-	-	
Less than 1,000	-	-	-	-	-	-	-	-	-	-	-	
Other urban	-	-	-	-	-	-	-	-	-	-	-	
Outside urbanized areas	41 875	10	41 875	-	-	-	-	-	10	41 875	-	
Places of—	-	-	-	-	-	-	-	-	-	-	-	
25,000 or more	-	-	-	-	-	-	-	-	-	-	-	
10,000 to 25,000	-	-	-	-	-	-	-	-	-	-	-	
5,000 to 10,000	14 495	2	14 495	-	-	-	-	-	2	14 495	-	
2,500 to 5,000	27 380	8	27 380	-	-	-	-	-	8	27 380	-	
Rural	64 104	22	27 231	-	-	-	-	-	22	27 231	36 873	
Places of 1,000 to 2,500	20 880	13	20 880	-	-	-	-	-	13	20 880	-	
2,000 to 2,500	6 476	3	6 476	-	-	-	-	-	3	6 476	-	
1,500 to 2,000	7 248	4	7 248	-	-	-	-	-	4	7 248	-	
1,000 to 1,500	7 156	6	7 156	-	-	-	-	-	6	7 156	-	
Places of less than 1,000	6 351	9	6 351	-	-	-	-	-	9	6 351	-	
Other rural	36 873	-	-	-	-	-	-	-	-	-	36 873	
INSIDE SMSA's	-	-	-	-	-	-	-	-	-	-	-	
Total	-	-	-	-	-	-	-	-	-	-	-	
Urban	-	-	-	-	-	-	-	-	-	-	-	
Inside urbanized areas	-	-	-	-	-	-	-	-	-	-	-	
Central cities	-	-	-	-	-	-	-	-	-	-	-	
Cities of—	-	-	-	-	-	-	-	-	-	-	-	
1,000,000 or more	-	-	-	-	-	-	-	-	-	-	-	
500,000 to 1,000,000	-	-	-	-	-	-	-	-	-	-	-	
250,000 to 500,000	-	-	-	-	-	-	-	-	-	-	-	
100,000 to 250,000	-	-	-	-	-	-	-	-	-	-	-	
50,000 to 100,000	-	-	-	-	-	-	-	-	-	-	-	
Less than 50,000	-	-	-	-	-	-	-	-	-	-	-	
Urban fringe	-	-	-	-	-	-	-	-	-	-	-	
Places of 2,500 or more	-	-	-	-	-	-	-	-	-	-	-	
100,000 or more	-	-	-	-	-	-	-	-	-	-	-	
50,000 to 100,000	-	-	-	-	-	-	-	-	-	-	-	
25,000 to 50,000	-	-	-	-	-	-	-	-	-	-	-	
10,000 to 25,000	-	-	-	-	-	-	-	-	-	-	-	
5,000 to 10,000	-	-	-	-	-	-	-	-	-	-	-	
2,500 to 5,000	-	-	-	-	-	-	-	-	-	-	-	
Places of less than 2,500	-	-	-	-	-	-	-	-	-	-	-	
2,000 to 2,500	-	-	-	-	-	-	-	-	-	-	-	
1,500 to 2,000	-	-	-	-	-	-	-	-	-	-	-	
1,000 to 1,500	-	-	-	-	-	-	-	-	-	-	-	
Less than 1,000	-	-	-	-	-	-	-	-	-	-	-	
Other urban	-	-	-	-	-	-	-	-	-	-	-	
Outside urbanized areas	-	-	-	-	-	-	-	-	-	-	-	
Places of—	-	-	-	-	-	-	-	-	-	-	-	
25,000 or more	-	-	-	-	-	-	-	-	-	-	-	
10,000 to 25,000	-	-	-	-	-	-	-	-	-	-	-	
5,000 to 10,000	-	-	-	-	-	-	-	-	-	-	-	
2,500 to 5,000	-	-	-	-	-	-	-	-	-	-	-	
Rural	-	-	-	-	-	-	-	-	-	-	-	
Places of 1,000 to 2,500	-	-	-	-	-	-	-	-	-	-	-	
2,000 to 2,500	-	-	-	-	-	-	-	-	-	-	-	
1,500 to 2,000	-	-	-	-	-	-	-	-	-	-	-	
1,000 to 1,500	-	-	-	-	-	-	-	-	-	-	-	
Places of less than 1,000	-	-	-	-	-	-	-	-	-	-	-	
Other rural	-	-	-	-	-	-	-	-	-	-	-	

Table 9. Population Inside and Outside Standard Metropolitan Statistical Areas (SMSA's) by Urban and Rural Residence: 1980—Con.

[For meaning of symbols, see Introduction]

The Area
Inside SMSA's
Outside SMSA's

	Total population	Inside places										Outside places
		Total		Incorporated places						Census designated places		
		Number	Population	Total		Central cities of SMSA's		Other		Number	Population	
				Number	Population	Number	Population	Number	Population			
OUTSIDE SMSA's												
Total	105 979	32	69 106	—	—	...	...	—	—	32	69 106	36 873
Urban	41 875	10	41 875	—	—	...	...	—	—	10	41 875	—
Inside urbanized areas .....	—	—	—	—	—	...	...	—	—	—	—	—
Central cities .....	—	—	—	—	—	...	...	—	—	...	...	...
Cities of—												
1,000,000 or more .....	—	—	—	—	—	...	...	—	—	...	...	...
500,000 to 1,000,000 .....	—	—	—	—	—	...	...	—	—	...	...	...
250,000 to 500,000 .....	—	—	—	—	—	...	...	—	—	...	...	...
100,000 to 250,000 .....	—	—	—	—	—	...	...	—	—	...	...	...
50,000 to 100,000 .....	—	—	—	—	—	...	...	—	—	...	...	...
Less than 50,000 .....	—	—	—	—	—	...	...	—	—	...	...	...
Urban fringe .....	—	—	—	—	—	...	...	—	—	—	—	—
Places of 2,500 or more .....	—	—	—	—	—	...	...	—	—	—	—	—
100,000 or more .....	—	—	—	—	—	...	...	—	—	—	—	—
50,000 to 100,000 .....	—	—	—	—	—	...	...	—	—	—	—	—
25,000 to 50,000 .....	—	—	—	—	—	...	...	—	—	—	—	—
10,000 to 25,000 .....	—	—	—	—	—	...	...	—	—	—	—	—
5,000 to 10,000 .....	—	—	—	—	—	...	...	—	—	—	—	—
2,500 to 5,000 .....	—	—	—	—	—	...	...	—	—	—	—	—
Places of less than 2,500 .....	—	—	—	—	—	...	...	—	—	—	—	—
2,000 to 2,500 .....	—	—	—	—	—	...	...	—	—	—	—	—
1,500 to 2,000 .....	—	—	—	—	—	...	...	—	—	—	—	—
1,000 to 1,500 .....	—	—	—	—	—	...	...	—	—	—	—	—
Less than 1,000 .....	—	—	—	—	—	...	...	—	—	—	—	—
Other urban .....	—	...	...	...	...	...	...	...	...	...	...	...
Outside urbanized areas	41 875	10	41 875	—	—	...	...	—	—	10	41 875	...
Places of—												
25,000 or more .....	—	—	—	—	—	...	...	—	—	—	—	—
10,000 to 25,000 .....	—	—	—	—	—	...	...	—	—	—	—	—
5,000 to 10,000	14 495	2	14 495	—	—	...	...	—	—	2	14 495	...
2,500 to 5,000	27 380	8	27 380	—	—	...	...	—	—	8	27 380	...
Rural	64 104	22	27 231	—	—	...	...	—	—	22	27 231	36 873
Places of 1,000 to 2,500	20 880	13	20 880	—	—	...	...	—	—	13	20 880	...
2,000 to 2,500	6 476	3	6 476	—	—	...	...	—	—	3	6 476	...
1,500 to 2,000	7 248	4	7 248	—	—	...	...	—	—	4	7 248	...
1,000 to 1,500	7 156	6	7 156	—	—	...	...	—	—	6	7 156	...
Places of less than 1,000	6 351	9	6 351	—	—	...	...	—	—	9	6 351	...
Other rural	36 873	...	—	...	—	...	...	...	—	...	...	36 873

Table 10. Population Inside and Outside Standard Metropolitan Statistical Areas (SMSA's) by Size of Place: 1980

[For meaning of symbols, see Introduction]

The Area Inside SMSA's Outside SMSA's	Inside places										Outside places	
	Total		Incorporated places						Census designated places			
	Total population	Number	Population	Total		Central cities of SMSA's		Other		Number		Population
				Number	Population	Number	Population	Number	Population			
THE AREA												
Total	105 979	32	69 106	-	-	-	-	-	32	69 106	36 873	
Inside places	69 106	32	69 106	-	-	-	-	-	32	69 106	...	
Places of—												
1,000,000 or more	-	-	-	-	-	-	-	-	-	-	...	
500,000 to 1,000,000	-	-	-	-	-	-	-	-	-	-	...	
250,000 to 500,000	-	-	-	-	-	-	-	-	-	-	...	
100,000 to 250,000	-	-	-	-	-	-	-	-	-	-	...	
50,000 to 100,000	-	-	-	-	-	-	-	-	-	-	...	
25,000 to 50,000	-	-	-	-	-	-	-	-	-	-	...	
10,000 to 25,000	-	-	-	-	-	-	-	-	-	-	...	
5,000 to 10,000	14 495	2	14 495	-	-	...	...	-	2	14 495	...
2,500 to 5,000	27 380	8	27 380	-	-	...	...	-	8	27 380	...
2,000 to 2,500	6 476	3	6 476	-	-	...	...	-	3	6 476	...
1,500 to 2,000	7 248	4	7 248	-	-	...	...	-	4	7 248	...
1,000 to 1,500	7 156	6	7 156	-	-	...	...	-	6	7 156	...
500 to 1,000	5 028	6	5 028	-	-	...	...	-	6	5 028	...
200 to 500	1 323	3	1 323	-	-	...	...	-	3	1 323	...
Less than 200 .....	-	-	-	-	-	...	...	-	-	-	...
Cumulative summary:												
Places of—												
1,000,000 or more	-	-	-	-	-	-	-	-	-	-	...	
500,000 or more	-	-	-	-	-	-	-	-	-	-	...	
250,000 or more	-	-	-	-	-	-	-	-	-	-	...	
100,000 or more	-	-	-	-	-	-	-	-	-	-	...	
50,000 or more	-	-	-	-	-	-	-	-	-	-	...	
25,000 or more	-	-	-	-	-	-	-	-	-	-	...	
10,000 or more	-	-	-	-	-	-	-	-	-	-	...	
5,000 or more	14 495	2	14 495	-	-	-	-	-	2	14 495	...	
2,500 or more	41 875	10	41 875	-	-	-	-	-	10	41 875	...	
2,000 or more	48 351	13	48 351	-	-	-	-	-	13	48 351	...	
1,500 or more	55 599	17	55 599	-	-	-	-	-	17	55 599	...	
1,000 or more	62 755	23	62 755	-	-	-	-	-	23	62 755	...	
500 or more	67 783	29	67 783	-	-	-	-	-	29	67 783	...	
200 or more	69 106	32	69 106	-	-	-	-	-	32	69 106	...	
Outside places	36 873	...	...	...	...	...	...	...	...	...	36 873
INSIDE SMSA's												
Total	-	-	-	-	-	-	-	-	-	-	-	
Inside places	-	-	-	-	-	-	-	-	-	-	...	
Places of—												
1,000,000 or more	-	-	-	-	-	-	-	-	-	-	...	
500,000 to 1,000,000	-	-	-	-	-	-	-	-	-	-	...	
250,000 to 500,000	-	-	-	-	-	-	-	-	-	-	...	
100,000 to 250,000	-	-	-	-	-	-	-	-	-	-	...	
50,000 to 100,000	-	-	-	-	-	-	-	-	-	-	...	
25,000 to 50,000	-	-	-	-	-	-	-	-	-	-	...	
10,000 to 25,000	-	-	-	-	-	-	-	-	-	-	...	
5,000 to 10,000	-	-	-	-	-	-	-	-	-	-	...	
2,500 to 5,000	-	-	-	-	-	-	-	-	-	-	...	
2,000 to 2,500	-	-	-	-	-	-	-	-	-	-	...	
1,500 to 2,000	-	-	-	-	-	-	-	-	-	-	...	
1,000 to 1,500	-	-	-	-	-	-	-	-	-	-	...	
500 to 1,000	-	-	-	-	-	-	-	-	-	-	...	
200 to 500	-	-	-	-	-	-	-	-	-	-	...	
Less than 200	-	-	-	-	-	-	-	-	-	-	...	
Cumulative summary:												
Places of—												
1,000,000 or more	-	-	-	-	-	-	-	-	-	-	...	
500,000 or more	-	-	-	-	-	-	-	-	-	-	...	
250,000 or more	-	-	-	-	-	-	-	-	-	-	...	
100,000 or more	-	-	-	-	-	-	-	-	-	-	...	
50,000 or more	-	-	-	-	-	-	-	-	-	-	...	
25,000 or more	-	-	-	-	-	-	-	-	-	-	...	
10,000 or more	-	-	-	-	-	-	-	-	-	-	...	
5,000 or more	-	-	-	-	-	-	-	-	-	-	...	
2,500 or more	-	-	-	-	-	-	-	-	-	-	...	
2,000 or more	-	-	-	-	-	-	-	-	-	-	...	
1,500 or more	-	-	-	-	-	-	-	-	-	-	...	
1,000 or more	-	-	-	-	-	-	-	-	-	-	...	
500 or more	-	-	-	-	-	-	-	-	-	-	...	
200 or more	-	-	-	-	-	-	-	-	-	-	...	
Outside places	-	-	-	-	-	-	-	-	-	-	-	

Table 10. **Population Inside and Outside Standard Metropolitan Statistical Areas (SMSA's) by Size of Place: 1980—**
 Con.

[For meaning of symbols, see Introduction]

**The Area
 Inside SMSA's
 Outside SMSA's**

OUTSIDE SMSA's

	Total population	Inside places								Outside places		
		Total		Incorporated places				Census designated places				
		Number	Population	Total		Central cities of SMSA's		Other			Number	Population
				Number	Population	Number	Population	Number	Population			
Total -----	105 979	32	69 106	--	--	...	...	--	--	32	69 106	36 873
Inside places -----	69 106	32	69 106	--	--	...	...	--	--	32	69 106	...
Places of—												
1,000,000 or more -----	--	--	--	--	--	...	...	...	...	--	--	...
500,000 to 1,000,000 -----	--	--	--	--	--	...	...	...	...	--	--	...
250,000 to 500,000 -----	--	--	--	--	--	...	...	...	...	--	--	...
100,000 to 250,000 -----	--	--	--	--	--	...	...	...	...	--	--	...
50,000 to 100,000 -----	--	--	--	--	--	...	...	...	...	--	--	...
25,000 to 50,000 -----	--	--	--	--	--	...	...	--	--	--	--	...
10,000 to 25,000 -----	--	--	--	--	--	...	...	--	--	--	--	...
5,000 to 10,000 -----	14 495	2	14 495	--	--	...	...	--	--	2	14 495	...
2,500 to 5,000 -----	27 380	8	27 380	--	--	...	...	--	--	8	27 380	...
2,000 to 2,500 -----	6 476	3	6 476	--	--	...	...	--	--	3	6 476	...
1,500 to 2,000 -----	7 248	4	7 248	--	--	...	...	--	--	4	7 248	...
1,000 to 1,500 -----	7 156	6	7 156	--	--	...	...	--	--	6	7 156	...
500 to 1,000 -----	5 028	6	5 028	--	--	...	...	--	--	6	5 028	...
200 to 500 -----	1 323	3	1 323	--	--	...	...	--	--	3	1 323	...
less than 200 -----	--	--	--	--	--	...	...	--	--	--	--	...
Cumulative summary:												
Places of—												
1,000,000 or more -----	--	--	--	--	--	...	...	...	...	--	--	...
500,000 or more -----	--	--	--	--	--	...	...	...	...	--	--	...
250,000 or more -----	--	--	--	--	--	...	...	...	...	--	--	...
100,000 or more -----	--	--	--	--	--	...	...	...	...	--	--	...
50,000 or more -----	--	--	--	--	--	...	...	...	...	--	--	...
25,000 or more -----	--	--	--	--	--	...	...	--	--	--	--	...
10,000 or more -----	--	--	--	--	--	...	...	--	--	--	--	...
5,000 or more -----	14 495	2	14 495	--	--	...	...	--	--	2	14 495	...
2,500 or more -----	41 875	10	41 875	--	--	...	...	--	--	10	41 875	...
2,000 or more -----	48 351	13	48 351	--	--	...	...	--	--	13	48 351	...
1,500 or more -----	55 599	17	55 599	--	--	...	...	--	--	17	55 599	...
1,000 or more -----	62 755	23	62 755	--	--	...	...	--	--	23	62 755	...
500 or more -----	67 783	29	67 783	--	--	...	...	--	--	29	67 783	...
200 or more -----	69 106	32	69 106	--	--	...	...	--	--	32	69 106	...
Outside places -----	36 873	...	...	...	...	...	...	...	...	...	...	36 873

Table 11. **Population of Standard Metropolitan Statistical Areas (SMSA's): 1960 to 1980**

(Table omitted because the area has no SMSA's.)

Table 12. **Population of Standard Metropolitan Statistical Areas (SMSA's) by Type of Residence: 1980**

(Table omitted because the area has no SMSA's.)

Table 13. **Population of Urbanized Areas: 1980 and 1970**

(Table omitted because the area has no urbanized areas.)

Map Legend

MAP LEGEND

SYMBOLS



TYPE STYLES

LEE

Brent

STAPLETON

Lake Wingra

GEOGRAPHIC AREAS

County equivalent

Election district

Census designated place

Major water feature

Coral reef

Asterisk following place name indicates place is coextensive with a election district. Election district name is shown only when it differs from place name.

Note: All political boundaries are as of January 1, 1980. Boundaries of small areas may not be depicted exactly due to the scale of the map. Where boundaries coincide, boundary symbol of higher level geographic area is shown.

Appendix A.—Area Classifications

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STATE EQUIVALENTS

The 50 States and the District of Columbia are the constituent units of the United States. Puerto Rico, Guam, the Virgin Islands of the United States, American Samoa, the Northern Mariana Islands, and the remainder of the Trust Territory of the Pacific Islands are treated as State equivalents in the text and tables of the PC80-1-A reports.

COUNTY EQUIVALENTS

In most States, the primary divisions are termed counties. In the Virgin Islands of the United States, the comparable areas are the three major islands. In American Samoa, the county equivalents are three districts and two islands. In Guam and the Northern Mariana Islands, there are no primary divisions, and the entire area is considered equivalent to a county for census purposes. In the Trust Territory of the Pacific Islands, excluding the Northern Mariana Islands, the administrative districts are the county equivalents.

COUNTY SUBDIVISION EQUIVALENTS

In reports for the States, statistics are presented for the following subdivisions of counties or equivalent areas: minor civil divisions (MCD's), census county divisions (CCD's), and, in Alaska, census subareas. In Guam, the Virgin Islands of the United States, American Samoa, the Northern Mariana Islands, and the remainder of the Trust Territory of the Pacific Islands, statistics are presented for minor civil divisions and, in the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands, for subdivisions of the minor civil divisions.

Minor Civil Divisions (MCD's)

In 29 States, MCD's are primary divisions of counties established under State law. MCD's in Guam, the Virgin Islands of the United States, American Samoa, the Northern Mariana Islands, and the remainder of the Trust Territory of the Pacific Islands have been established by local law.

The MCD's in Guam are referred to as election districts. In the Virgin Islands of the United States, MCD's called census subdistricts have been established for the 1980 census to replace the quarters and cities that were used in the 1970 census. For American Samoa, the three districts are subdivided into MCD's called counties; MCD's for the two islands coincide with and have the same names as these islands. The MCD's in the Northern Mariana Islands are called municipalities.

The MCD's in the remainder of the Trust Territory of the Pacific Islands are municipalities. In addition, the Census Bureau recognizes two islands and one unorganized territory that are not within any municipality. In the Palau District of the Trust Territory of the Pacific Islands, numerous islands are not included in a

legally established MCD (municipality); this area of unorganized territory is recognized as one subdivision and given a name (Palau Islands) by the Census Bureau, followed by the designation "(unorg.)."

Subdivisions of MCD's

In the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands, subMCD's, called municipal districts, represent political subdivisions of the municipalities. Some are true political entities while others have been established for census purposes. Data are shown only for municipal districts in multi-district municipalities.

PLACES

Two types of places are recognized in the State census reports—incorporated places and census designated places—as defined below.

Incorporated Places

Incorporated places recognized in the State census reports are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages. There are no incorporated places in Guam, the Virgin Islands of the United States, American Samoa, the Northern Mariana Islands, and the remainder of the Trust Territory of the Pacific Islands.

Towns in the Virgin Islands of the United States and Villages in American Samoa are not legally incorporated. The three places specified as towns in the Virgin Islands Code have legally established boundaries and purposes, but are not functioning governments. The villages in American Samoa have functioning governments authorized by the Revised

Code of American Samoa but do not have legally established boundaries.

Census Designated Places

As in previous censuses, the Census Bureau, in cooperation with local governments, delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." For 1980, all places in Guam are designated as CDP's; in 1970 and earlier censuses, these places were identified in census publications as cities, towns, and villages. In the Virgin Islands of the United States, six CDP's have been designated. All places in the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands are CDP's. To be recognized for the 1980 census, CDP's in Guam, the Virgin Islands of the United States, the Northern Mariana Islands, and the remainder of the Trust Territory of the Pacific Islands must have a minimum 1980 population of 300. There are no CDP's in American Samoa.

Census designated place boundaries change as the settlement pattern changes; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's are shown on the map which follows the detailed tables. Larger-scale maps, showing boundaries in more detail, are available for purchase from the Census Bureau.

URBAN AND RURAL RESIDENCE

As defined for the 1980 census, the urban population comprises all persons living in urbanized areas and in places of 2,500 or more inhabitants outside urbanized areas. More specifically, the urban population consists of all persons living in (1) places of 2,500 or more inhabitants and (2) other territory included in urbanized areas. The population not classified as urban constitutes the rural population.

Since there are no urbanized areas in Guam, the Virgin Islands of the United States, American Samoa, the Northern Mariana Islands, and the remainder of the Trust Territory of the Pacific Islands, the current definition of urban population is equivalent to the previous definition. That

is, the urban population comprises all persons living in places of 2,500 or more inhabitants.

URBANIZED AREAS

The major objective of the Census Bureau in delineating urbanized areas is to provide a better separation of urban and rural population in the vicinity of large cities. An urbanized area consists of a central city or cities, and surrounding closely settled territory ("urban fringe"), which contains a minimum population of 50,000. There are no urbanized areas in Guam, the Virgin Islands of the United States, American Samoa, the Northern Mariana Islands, and the remainder of the Trust Territory of the Pacific Islands.

STANDARD METROPOLITAN STATISTICAL AREAS

The general concept of a metropolitan area is one of a large population nucleus—an urbanized area with a population of at least 50,000—together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard developed for use by federal agencies in the production, analysis, and publication of data on metropolitan areas. SMSA's are designated and defined by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas. There are no SMSA's in Guam, the Virgin Islands of the United States, American Samoa, the Northern Mariana Islands, and the remainder of the Trust Territory of the Pacific Islands.

BOUNDARY CHANGES

The boundaries of some of the areas shown in this report have changed between an earlier census for which counts are shown and January 1, 1980. The historic counts shown here have not been adjusted for such changes and thus reflect the population in those areas as defined at each census. Information on boundary changes is presented in table 4. For information on boundary changes

prior to 1970 for Guam, the Virgin Islands of the United States, and American Samoa, see the *Number of Inhabitants* report for previous censuses.

AREA MEASUREMENTS

Area measurement figures published in the 1980 census for each entity and its districts or islands are taken from the data used for the 1970 census. Appropriate modifications were made to account for changes in boundaries, the establishment of new geographic units, and for errors in the earlier figures.

HISTORIC COUNTS

As in past censuses, the general rule for presenting historic figures for each area is to present counts only for single, continually existing entities. Stated another way, if an area existed at both the current and previous censuses, a count is shown for the previous census. Included in this category are areas which are of the same type and which have retained the same name, or which may have changed their name. Also included are places which have merged and retained the name of one of the merged areas.

In cases where entities have been formed since, or were not recognized in the earlier censuses, such as a new district, district subdivision, or place, the symbol three dots ("...") is shown for the earlier census. The three-dot symbol is also shown for those parts of a place which are now located in an entity in which it was not previously reported.

In a number of tables in this report, 1970 counts are shown for aggregations of individual areas, such as the number and population of places by size groups or urban and rural distributions. In some instances, population counts for individual areas have been revised since publication of the 1970 census reports (indicated by the prefix "r" as described in the section "Symbols and Geographic Abbreviations" in the Introduction). These revisions have not been carried through to the various aggregations; therefore, it may not be possible to determine the individual areas in a given aggregation using the 1970 population counts shown here.

Appendix B.—General Enumeration and Processing Procedures

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USUAL PLACE OF RESIDENCE

In accordance with census practice, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day. Persons without a usual place of residence, or persons with no one at their usual place of residence to report them to a census taker, however, were counted where they happened to be staying.

U.S. Armed Forces

Members of the U.S. Armed Forces living on a military installation were

counted, as in previous censuses, as residents of the area in which the installation was located; members of the U.S. Armed Forces not living on a military installation were counted as residents of the area in which they were living. Persons in families with U.S. Armed Forces personnel were counted where they were living on Census Day (i.e., the military installation or "off base," as the case might be).

Each U.S. Navy ship was attributed to the geographic area that the Department of the Navy designated as its homeport.

Crews of Merchant Vessels

Crews of merchant ships berthed in a port, excluding those not flying a U.S. flag, were enumerated as of that port.

Persons Away at School

College students were counted as residents of the area in which they were living while attending college. However, children in boarding schools below the college level were counted at their parental home.

Persons in Institutions

Inmates of institutions were counted as residents of the area where the institution was located. Patients in short-term wards of general hospitals were counted at their usual place of residence; if they had no usual place of residence or there was no one at their usual place of residence to report them, they were counted at the hospital.

Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980 (September 12, 1980 for the Trust Territory of the Pacific Islands, excluding the Northern Mariana Islands), having their usual home

within the Area and who indicated that no one was at home to report them in the census were enumerated as residents of the hotel, motel, etc. Information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was away during the whole period of the enumeration, information on that household was obtained from neighbors.

In the Virgin Islands of the United States, the part of the procedures relating to the enumeration of persons staying in hotels and motels was not feasible because of the large number of guests in the islands during the local festivities that took place around Census Day. This should not have any significant effect in the total population counts, since persons staying at hotels and motels during this period were generally not residents of the area, and even if they were, someone at home would have reported them to a census taker.

Residents Abroad

Residents who were abroad for an extended period (in the Armed Forces, working at civilian jobs, studying in universities outside the Area, etc.) were not included in the population of the Area. On the other hand, residents who were temporarily abroad on vacations, business trips, and the like, were counted at their usual residence in the Area.

Persons From Other Areas

Persons from other areas, having their usual residence (legally or illegally) in this Area on Census Day, including those working here and those attending school (but not living at a chancellery or consulate) were included in the enumeration, as were members of their families living with them,

regardless of citizenship. However, persons from other areas, temporarily visiting or traveling in this Area, were not enumerated in the 1980 census.

DATA COLLECTION PROCEDURES

The 1980 census of Guam, the Virgin Islands of the United States, American Samoa, the Northern Mariana Islands, and the remainder of the Trust Territory of the Pacific Islands was conducted through direct interview. Beginning on Census Day, April 1, 1980 (September 15, 1980 for the Trust Territory of the Pacific Islands, excluding the Northern Mariana Islands), enumerators visited and listed every household, asking the questions as worded on the questionnaire, and recording the answers. A single questionnaire was used, which contained all

the questions asked of every person and household.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, and prisons. These forms contained the same population questions that appeared on the regular census questionnaire, but did not include any housing questions.

PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 census. They were designed to be processed electronically by the Film Optical Sensing Device for Input into Computer (FOSDIC). For most items on the questionnaire, the information obtained by the enumerator was recorded

by marking the answers in the predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape excluded information on individual names and addresses.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulating steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototypesetting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.

Appendix C.—Accuracy of the Data

Since 1980 population counts shown in this report were tabulated from the entries for persons on all questionnaires, these counts are not subject to sampling error. In any large-scale statistical operation such as a decennial census, human and mechanical errors occur. These errors are commonly referred to as nonsampling errors. Such errors include failure to enumerate every household or person in

the population, not obtaining all required information from respondents, obtaining incorrect or inconsistent information, and recording information incorrectly. Errors can also occur during the field review of the enumerators' work, the clerical handling of the census questionnaires, or the electronic processing of the questionnaires.

In an attempt to reduce various types

of nonsampling error in the 1980 census, a number of techniques were introduced on the basis of experience in previous censuses and in tests conducted prior to the census. These quality control and review measures were utilized throughout the data collection and processing phases of the census to minimize undercoverage of the population and housing units and to keep the errors at a minimum.



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