

# National Archives



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TO WHOM IT MAY CONCERN;

As evident on the attached validation statement related to the three datasets that comprise the 1970 Census of Population and Housing Puerto Rico 20% Public Use Samples, the dataset names (DSNs) do not accurately represent the contents of each dataset. These errors were present when the data were transferred to our custody from the Bureau of the Census.

In other words, the first dataset, with a DSN that includes the acronym NCHAPR is actually the Municipio data (and not the Neighborhood Characteristics data); the second dataset, with a dataset name that includes the acronym STATPR is actually the Neighborhood Characteristics data (and not the State data); and the third dataset, with a dataset name that includes the acronym COGRPR, is actually the State data (and not the County Group or Municipio data).

Please be certain that all persons who have access to these data are informed of this situation.

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*See next page*

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1970 Census of Population and Housing  
Puerto Rico 20% Public Use Samples

Validation Statement

A random sample of neighborhood characteristics records, household records, and person records from the Neighborhood Characteristics File and household records and person records from the State and Municipio Files in the Puerto Rico 20% Public Use Samples were hand-validated. All of the data in the selected records appeared on the dump of records from the files in the appropriate location. With one exception, the necessary codes for the data were available in the documentation provided by the Bureau of the Census. In the person records of all three datasets, the code for the U.S. State of Birth or Country of Birth (P15-16) often reads "00", which is not included in the documentation. The code "06" to depict Puerto Rico does not appear. No machine-validation of the records has been done by the National Archives to date.

J. L. Davis hand-validated ten records in each of the following datasets:

(12000, 120)

NARA Dataset Name	Total # of Records
RG029.DC70.NCHAPR (Municipio data)	34,672
RG029.DC70.STATPR (Neigh. Char. data)	35,366
RG029.DC70.COGRPR (State data)	34,528
	<u>104,566</u>

File names  
were corrected  
1/22  
SB.

1970 PUERTO RICO PUBLIC USE SAMPLES:  
DESCRIPTION AND TECHNICAL DOCUMENTATION

Each sample herein documented is a representative sample of the long-form questionnaires in the 1970 Census of Puerto Rico. The sample size is one-in-a-hundred, or one sample unit (household, vacant unit, or person in group quarters) for every one hundred such units in the population. For each household, information is provided about the housing unit itself as well as the characteristics of each person therein. The samples are self-weighting; that is, each person or household is assigned a weight of 100. In order to estimate the frequency of a particular characteristic for the entire population, a user multiplies his tabulations of public use sample records by 100.

No names, addresses, or detailed geographic information appear in the samples in order to avoid identifying any individual or household. Geographic areas identified in public use samples are sufficiently large (250,000 persons or more) to avoid disclosure of information for specific individuals.

There are three Puerto Rico Public Use Samples, each contained on a single reel of tape. The three samples contain different individuals, but are identical in format except for 1) geographic information and 2) whether or not neighborhood characteristics records are present. The three samples are discussed further below.

Comparison to 1970 Public Use Samples for the United States.

The Puerto Rico Public Use Samples have been designed so as to be as similar as possible to the 1970 Stateside samples. The methodology of sample selection is comparable. The file structure of 120-character household, person, and neighborhood characteristics records is the same.

Most data items are the same between the Stateside and Puerto Rico samples, the differences reflecting actual differences in questionnaire content. The Puerto Rico census did not include questions on race, mother tongue or activity 5 years ago, but did include questions on the ability to read and write, the ability to speak English, and any previous residence in the U.S. since 1965. A number of housing items including type of construction, electric lighting; and the growing produce for home consumption were substituted for Stateside items on units at address, washers, dryers, dishwashers, etc.

The long-form questionnaires in the Puerto Rico census were collected from a 20% sample of the population. There was no subdivision into 15% and 5% panels as in the U.S., and therefore there is only one public use sample for each of the three types of geography.

Geographic options.

"State" Public Use Sample. This sample is so named because its geographic identification is comparable to that of the State samples for the U.S. There is no geographic subdivision of Puerto Rico except for the identification of urban/rural in H9 and the subdivision of urban into metropolitan urban and nonmetropolitan urban in H10.

Municipio Group Public Use Sample. This sample is comparable to the State-side County Group samples. Puerto Rico is subdivided into areas no smaller than 250,000 population. The areas are defined in terms of their municipio components on pages 40-41 and on the map on page 42.

The municipio groups are based on five regions used by the Puerto Rico Planning Board and the Puerto Rico Department of Labor. In addition the San Juan SMSA and its central county are separately identified.

Neighborhood Characteristics Public Use Sample. As with its Stateside counterparts, this sample subdivides the population by type of residence in H10: central city, urban fringe, other urban, and rural population.

In addition to housing unit and person characteristics which appear in each sample, the neighborhood characteristics sample contains neighborhood characteristics records which precede the group of household records sampled from that neighborhood. The characteristics are summary indicators such as average persons per household, median family income, and percent owner-occupancy. No actual frequencies are given. The list of neighborhood characteristics is presented on pages 33 thru 37.

Neighborhood characteristics are presented as meaningful indicators of the environment in which a sample household occurs; i.e., ecological variables. They may be useful in constructing a meaningful typology of neighborhoods, creating simulations of specific types of communities or more generally relating person and ecological variables. The critical user of these characteristics should be aware of the nature of the neighborhoods involved and some of their attendant limitations.

In general, neighborhoods only rarely coincide with tracts, barrios, or other units for which data are published. The scheme for neighborhood definition was designed this way to eliminate the possibility of matching neighborhood records with published summary data for identified geographic areas, thus resulting in disclosure of geographic information which would tend to allow identification of individuals.

The neighborhoods were not designated with reference to maps, neighborhoods were formed by computer using geographic keys associated with each household record. The resulting neighborhoods are normally contiguous and relatively compact and include an average of 4,000 to 5,000 people.

Socioeconomic or demographic data were not used in grouping units together to form neighborhoods. Thus, it is quite possible that a neighborhood, while being contiguous and compact may straddle a meaningful social boundary such as between an institution and neighboring noninstitutional area. It is also possible that some neighborhoods will consist of two noncontiguous clusters, though most often the separation is minor, as in the combining of non-adjacent parts of two adjacent tracts. Neighborhoods do not cross municipio boundaries.

#### Scope of this documentation.

Since a great many features of the Puerto Rico public use samples duplicate those of the Stateside samples, references are made to the Stateside documentation Public Use Samples of Basic Records from the 1970 Census: Description and Technical Documentation. Occupation and industry codes, concept definitions, and discussions of sampling variability and sample design are found in that document.

#### Sample Size

While a one-in-a-hundred sample for Puerto Rico should not be too large for most uses, it is possible to easily create one-in-a-thousand samples, one-in-ten-thousand samples, or samples of any desired intermediate size, using the subsample number (item H93-94). The method is discussed on page 198 of the Stateside documentation.

Detailed study of population subgroups will benefit from a sample size larger than one percent. Since the three Puerto Rico Public Use Samples are mutually exclusive, but contain the same data items except for geography, they can be used as a single three-percent sample of Puerto Rico. Tripling the sample size reduces sampling errors of estimates by over 2/5.

#### File Structure

Each file consists of 120-character records in which all information is recorded as numeric codes. On "State" and Municipio group samples there are two record types: (1) housing unit records and (2) person records. Each housing unit record is followed by a variable number of person records, i.e., one for each member of the household or none if a vacant unit. On the Neighborhood Characteristics samples a third record type is also present. Each neighborhood characteristics record is followed by the housing unit records sampled within the neighborhood, which in turn are followed by their associated person records.

In this documentation the numeric identification of a particular data item is the same as its character location within the 120-character records. Items on the housing unit record are prefixed with an H, population items with a P, and neighborhood characteristics with an N. For instance, Current Occupation, item P27-29, is a three-digit code beginning on character 27 of the person record.

Item H12-13 on the housing unit record indicates the exact number of person records following before the next housing unit record. This fact is useful in programing the data-reading operation. Control counts for all files are presented on page 57.

#### Sampling Variability

Any user of public use sample data should understand sampling variability and the degree to which it affects the reliability of any estimates derived from the data. Many users will want to obtain the assistance of a statistician with more experience in dealing with sample data.

Chapter IV "Guidelines for Use of the Samples" in the Stateside documentation is primarily devoted to a discussion of sampling variability and its effects on the use of public use samples. The use of standard error tables to approximate errors of estimates is thoroughly discussed with several examples. Tables A and B on page 186 are directly applicable to the Puerto Rico public use samples. Table G and H, presenting factors to adjust the generalized standard errors for specific subjects, should be replaced by Tables G-PR and H-PR which follow in this document on page 56. It is recommended that estimates of standard errors be included with any publication of data from public use sample tabulations.

The discussion of sample design in Chapter V of the Stateside documentation is subject to some modification to reflect differences due primarily to the absence of 15% and 5% panels in Puerto Rico and hence the drawing of three samples instead of six, and the absence of race as a weighting and sample selection variable. Pages 54 and 55 of this document, excerpted from Appendix C to PC(1)-C for Puerto Rico, should be read in lieu of the discussion on pages 194-196 of the Stateside documentation. The remainder of the chapter is relevant. The strata used in selection of the Puerto Rico public use samples are as shown page 7 of the Stateside documentation, except that the distinction between Negro and Not Negro is absent for Puerto Rico.

#### Concept definitions

A facsimile of the sample questionnaire in the Census of Puerto Rico is included on pages 43 to 49. Most individual items, those identical to Stateside questions, are explained in the Census Users' Dictionary, relevant excerpts of which are included in the Stateside documentation, pages 129 to 178. Applicable item descriptions in this document contain references such as "Dict.: 161" which refer the user to concept numbers used in the Census Users' Dictionary.

Items unique to the Puerto Rico Census are explained on pages 50 to 53 of this document. These descriptions were taken from the PC(1)-C and HC(1)-B reports for Puerto Rico.

Allocations

Missing or inconsistent information on census records was edited, usually resulting in the allocation of likely values. Allocated values may be differentiated from actually observed values for certain kinds of analysis, by means of allocation flags contained in items H85 thru H119 and P106 thru P119. Allocated data and their implications and use are discussed in the final section of the Stateside documentation, chapter IV, page 191.

Technical Conventions and Labels

All technical characteristics are the same as for the Stateside samples, except for two items on the tape labels: the file identifier and the file set identifier.

	<u>File identifier</u>	<u>File set identifier</u>
Neighborhood Characteristics sample	70 PUSPRI	NCHAPR
"State" sample	70 PUSPR2	STATPR
Municipio Group sample	70 PUSPR3	COGRPR

Other label information is summarized on page 12 of Stateside documentation. With regard to that presentation, there is no tape mark at the beginning of the file, but there are two tape marks at the end. Also, HDR2 and EOF2 labels on the tapes indicate a logical record size of 1800 characters. The physical records size is 1800 but the logical record size is 120 characters.

Control Counts

Any user of public use sample data should anticipate the possibility of errors in his own processing, and should attempt to verify his tabulations against other available tallies. Page 57 contains exact counts of total persons, group quarters persons, occupied housing units, and vacant housing units selected into each public use sample, including separate counts for each municipio group. A failure of user tallies to replicate these counts would indicate an error in the user's data processing or an incorrectly copied file.

1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

CHARACTER	ITEM	CODE	DESCRIPTION OF CODE
H1	Sample Identifier	1	Neighborhood Characteristics Sample
		2	State Sample
		3	Municipio Group Sample

NEIGHBORHOOD CHARACTERISTICS SAMPLE

H2-7	Household Serial Number	000000-999999	Serial number for each household or person in group quarters, unique within Puerto Rico.
H8	Geographic Unit	0	Puerto Rico
H9	Not Used	0	
H10	Size of Urbanized Area (UA) Dict.: 17	1	Outside Urbanized Areas: Rural
		2	Urban
		3	Inside Urbanized Areas: In Central City of 250,000 or more
		4	In Central Cities 50,000 to 250,000
		5	Urban Fringe
H11	Not Used	0	

STATE SAMPLE

H2-6	Household Serial Number	00000-99999	Serial number for each household or person in group quarters, unique within Puerto Rico.
H7-8	State of Residence	43	Puerto Rico
H9	Urban/Rural Residence Dict.: 16	0	Urban
		1	Rural
H10	Metropolitan/ Nonmetropolitan Residence Dict.: 18	0	Metropolitan (Urban)
		1	Nonmetropolitan (Urban)
		2	Rural (Metropolitan identification violates 250,000 population criterion)



1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

CHARACTER	ITEM	CODE	DESCRIPTIONS OF CODES
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H11	Not Used	0	
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MUNICIPIO GROUP SAMPLE

H2-6	Household Serial Number	00000-99999	Serial number for each household or person in group quarters, unique within each municipio group.
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H7-11	Municipio Group		5 digit code -- see page 40
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ALL SAMPLES

H12-13	Total Number of Person Records following this Household Record	00 to 28	Number of persons in housing unit (01 in the case of a group quarters person, 00 if vacant)
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H14	Type of Construction	0	Masonry walls - concrete slab roof
		1	Masonry walls - wood frame roof
		2	Wood walls - masonry foundation
		3	Wood walls - wood base foundation
		4	Other type of construction
		5	NA (G.Q.)

H15	Electric Lighting	0	Yes
		1	No
		2	NA (G.Q.)

1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

CHARACTER	ITEM	CODE	DESCRIPTION OF CODE
H16	Vacancy Status Dict.: 163	0	For rent
		1	For sale only
		2	Rented or sold, not occupied
		3	For occasional use
		4	Other vacant
		5	Seasonal
		6	NA (Occupied unit or G.Q.)
H17	Duration of Vacancy Dict.: 165	0	Less than 1 month
		1	1 up to 2 months
		2	2 up to 6 months
		3	6 up to 12 months
		4	1 year up to 2 years
		5	2 years or more
		6	NA (Occupied unit or G.Q.)
H18	Telephone Available Dict.: 193	0	Yes
		1	No
		2	NA (Vacant unit or G.Q.)
H19	Access to Unit Dict.: 152	0	Direct from outside or through common or public hall
		1	Through someone else's living quarters
		2	NA (G.Q.)
H20	Kitchen or Cooking Facil- ities Dict.: 153	0	Yes, for this household only
		1	Yes, but also used by another household
		2	No kitchen facilities
		3	NA (G.Q.)
H21	Number of Rooms Dict.: 174	0	1 room
		1	2 rooms
		2	3 rooms
		3	4 rooms
		4	5 rooms
		5	6 rooms
		6	7 rooms
		7	8 rooms
		8	9 rooms or more
		9	NA (G.Q.)
H22	Presence of Hot and Cold Piped Water Dict.: 181	0	Yes
		1	No, only cold piped water
		2	No piped water
		3	NA (G.Q.)

1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

CHARACTER	ITEM	CODE	DESCRIPTION OF CODE
H23	Flush Toilet Dict.: 177	0	Yes, for this household only
		1	Yes, but also used by another household
		2	No flush toilet
		3	NA (G.Q.)
H24	Bathtub or Shower Dict.: 178	0	Yes, for this household only
		1	Yes, but also used by another household
		2	No bathtub or shower
		3	NA (G.Q.)
H25	Plumbing Facilities Dict.: 176	0	With all plumbing facilities
		1	Without plumbing facilities (lacking hot water only)
		2	Without plumbing facilities (lacking other plumbing facilities)
		3	NA (G.Q. and vacant seasonal unit)
H26	Own or Rent the Land (Land Tenure)	0	Owens or buying the land
		1	Pays rent for the land
		2	Does not pay rent for use of the land
		3	NA (G.Q., vacant, or renter occupied housing unit)
H27	Tenure Dict.: 161	0	Owned or being bought
		1	Cooperative or condominium
		2	Rented for cash rent
		3	No cash rent
		4	NA (Vacant unit or G.Q.)
H28	Commercial Use Dict.: 166	0	With commercial establishment or medical office on a place of less than 3 cuerdas (approximately 2.9 acres)
		1	On a place of 3 cuerdas or more
		2	On a place of less than 3 cuerdas with no commercial use
		3	NA (2 or more units in structure, mobile home or trailer, or G.Q.)

1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

CHARACTER	ITEM	CODE	DESCRIPTION OF CODE
H29-30	Value of Property for Specified Units Dict.: 166	0	Less than \$500
		1	\$500 - \$999
		2	\$1,000 - \$1,999
		3	\$2,000 - \$2,999
		4	\$3,000 - \$4,999
		5	\$5,000 - \$7,499
		6	\$7,500 - \$9,999
		7	\$10,000 - \$14,999
		8	\$15,000 - \$19,999
		9	\$20,000 - \$29,999
		10	\$30,000 or more
H31-33	Contract Monthly Rent Dict.: 167.1	001 to 999	Monthly Contract rent (dollar amount)
		000	NA (owner-occupied, rented without cash rent, vacant unit except vacant for rent, one-family house on place of 3 cuerdas or more, or G.Q.)
H34-36	Gross Monthly Rent Dict.: 167.2	001 to 999	Monthly Gross Rent (dollar amount)
		000	NA (owner-occupied, rented without cash rent, vacant unit, one-family house on place of 3 cuerdas or more, or G.Q.)
H37	Payment of Electricity Dict.: 167.2	0	Yes
		1	No, included in rent
		2	No, not used
		3	NA (owner-occupied, rented without cash rent, vacant unit except vacant for rent, one-family house on place of 3 cuerdas or more, or G.Q.)
H38-39	Average Monthly Cost of Electricity Dict.: 167.2	01 to 99	Dollar amount
		00	NA (owner-occupied, rented without cash rent, vacant unit, G.Q., one-family house on place of 3 cuerdas or more, or with "No" in H37)

1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

CHARACTER	ITEM	CODE	DESCRIPTION OF CODE
H40	Payment of Gas Dict.: 167.2	0	Yes
		1	No, included in rent
		2	No, not used
		3	NA (owner-occupied, rented without cash rent, vacant unit except vacant for rent, one-family house on place of 3 cuerdas or more, or G.Q.)
H41-42	Average Monthly Cost of Gas Dict.: 167.2	01 to 99	Dollar amount
		00	NA (owner-occupied, rented without cash rent, vacant unit, G.Q., one-family house on place of 3 cuerdas or more, or with "No" in H40)
H43	Payment of Water Dict.: 167.2	0	Yes
		1	No, included in rent or no charge
		2	NA (owner-occupied, rented without cash rent, vacant unit except vacant for rent, one-family house on place of 3 cuerdas or more, or G.Q.)
H44-46	Yearly Cost of Water Dict.: 167.2	001 to 999	Dollar amount
		000	NA (owner-occupied, rented without cash rent, vacant unit, G.Q., one-family house on place of 3 cuerdas or more, or with "No" in H43)
H47	Payment of Other Fuel Dict.: 167.2	0	Yes
		1	No, included in rent
		2	No, fuel not used
		3	NA (owner-occupied, rented without cash rent, vacant unit except vacant for rent, one-family house on place of 3 cuerdas or more, or G.Q.)
H48-50	Yearly Cost of Fuel Dict.: 167.2	001 to 999	Dollar amount
		000	NA (owner-occupied, rented without cash rent, vacant unit, G.Q., one-family house on place of 3 cuerdas or more, or with "No" in H47)

1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

CHARACTER	ITEM	CODE	DESCRIPTION OF CODE
H51	Water Access	0	Public system
		1	Individual well
		2	Cistern, tanks, or drums
		3	Irrigation canal
		4	Spring, river, or other source
		5	NA (G.Q.)
H52	Year Structure Built Dict.: 173	0	1969 or 1970
		1	1965 - 1968
		2	1960 - 1964
		3	1950 - 1959
		4	1940 - 1949
		5	1939 or earlier
		6	NA (G.Q.)
H53	Units in Structure Dict.: 169	0	1 unit, detached
		1	1 unit, attached
		2	2 units
		3	3 or 4 units
		4	5 to 9 units
		5	10 to 19 units
		6	20 to 49 units
		7	50 or more units
		8	Mobile home or trailer
		9	NA (G.Q.)
H54	Mortgage on Property	0	Yes
		1	No
		2	NA (G.Q., vacant, or occupied unit not in value universe (see H29-30, Code 1)
H55	Condition of Housing Unit	0	Good
		1	Deteriorating
		2	Dilapidated
		3	Original construction in- adequate
		4	NA (G.Q.)
H56	Produce Fruits, Vegetables, or Livestock for Home Consumption	0	Yes
		1	No
		2	NA (G.Q., vacant unit, occupied unit not on a farm in H74)
H57	Sewage Disposal Dict.: 182	0	Yes, connected to public sewer
		1	No, connected to septic tank or cesspool
		2	No, use other means
		3	NA (G.Q.)

1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

CHARACTER	ITEM	CODE	DESCRIPTION OF CODE
H58	Location and Type of Toilet	0	Flush toilet in this structure
		1	Flush toilet outside structure for this household only
		2	Flush toilet outside structure, also used by another household
		3	Privy
		4	No flush toilet or privy
		5	NA (G.Q.)
H59	Location of Piped Water	0	In this structure
		1	Outside structure, on property
		2	Outside structure, on street, road, or highway
		3	No piped water
		4	NA (G.Q.)
H60	Automobile Dict.: 192	0	None
		1	1 automobile
		2	2 or more automobiles
		4	NA (Vacant or G.Q.)
H61	Number of Bedrooms Dict.: 174.1	0	No bedroom
		1	1 bedroom
		2	2 bedrooms
		3	3 bedrooms
		4	4 bedrooms
		5	5 bedrooms or more
		6	NA (G.Q.)
H62	Kitchen Sink with Piped Water	0	Yes
		1	No
		2	NA (G.Q.)
H63	Type of Refrigerator	0	Mechanical (Electric or gas)
		1	Ice
		2	No refrigerator
		3	NA (G.Q. or vacant)
H64	Type of Cooking Facilities	0	Range or cookstove
		1	Portable cooking facilities
		2	No cooking facilities
		3	NA (G.Q.)
H65	Location of Cooking Facilities	0	In this structure
		1	In another structure
		2	Outdoors
		3	No cooking facilities
		4	NA (G.Q.)

CHARACTER	ITEM	CODE	DESCRIPTION OF CODE
H66	Cooking Fuel Dict.: 185	0	Wood
		1	Charcoal
		2	Utility gas
		3	Bottled or tank gas
		4	Electricity
		5	Kerosene, fuel oil, etc.
		6	Other fuel
		7	No fuel used
H67	Television Set Dict.: 196	0	1 set
		1	2 or more sets
		2	None
		3	NA (G.Q. or vacant)
H68	Radio	0	1 or more
		1	None
		2	NA (G.Q. or vacant)
H69	Battery-operated Radio Dict.: 195	0	Yes
		1	No
		2	NA (G.Q., vacant, or "None" in H68)
H70	Household Type Dict.: 159.3, 82, 81	0	Vacant
		1	Husband-wife family
		2	Other family with male head
		3	Family with female head
		4	Male primary individual
		5	Female primary individual
6	G.Q.		
H71	Not Used		
H72-73	Age of Head Dict.: 159.1	14 to 99	14 to 99 years
		00	100 or more
		01	NA (Vacant unit or G.Q.)
H74	House of a Farm	0	Yes, on a farm
		1	No, not on a farm
		2	NA (G.Q. or vacant)
H75	Year Head Moved Into Unit Dict.: 160	0	1969-1970
		1	1968
		2	1967
		3	1965-1966
		4	1960-1964
		5	1950-1959
		6	1949 or earlier
		7	Always lived here
8	NA (Vacant unit or G.Q.)		
H76	Number of Persons Under 18 in Household Dict.: 159.1	0 to 8	0 to 8 persons under 18
		9	9 or more (G.Q. or vacant unit is assigned 0)



1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

CHARACTER	ITEM	CODE	DESCRIPTION OF CODE
H77	Number of Related Children Under 18 in Household Dict.: 84.2	0 to 8 9	0 to 8 related children under 18 9 or more (G.Q. or vacant unit is assigned 0)
<del>H78</del>	Number of Related children Under 6 Years Old in Household Dict.: 84.2	0 to 8 9	0 to 8 related children under 6 9 or more (G.Q. or vacant unit is assigned 0)
H79	Number of Persons 65 Years and Over in Household Dict.: 159.1	0 to 8 9	0 to 8 persons 65 years and over 9 or more (G.Q. or vacant unit is assigned 0)
H80	Number of Persons 60+ in Household Excluding Head Dict.: 159.1	0 to 8 9	0 to 8 persons 60 years and over 9 or more (G.Q. or vacant unit is assigned 0)
H81	Presence of Roomer, Boarder, or Lodger Dict.: 80.51	0 1 2	No RBL present in household RBL present in household NA (G.Q.)
H82	Presence of Other Nonrelative in Household Dict.: 80.5	0 1 2	No nonrelative present, other than roomer, boarder, or lodger Nonrelative present, other than roomer, boarder, or lodger NA (G.Q.)
H83	Presence of Relative Other than Wife or Child of Head Dict.: 80.4	0 1 2	No other relative of head present in household Other relative of head present in household NA (G.Q.)
H84	Persons Per. Room Dict.: 158	0 1 2 3 4 5 6	.50 or less .51 - .75 .76 - 1.00 1.01 - 1.50 1.51 - 2.00 2.01 or more NA (Vacant unit or G.Q.)

1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTION

CHARACTER	ITEM	CODE	DESCRIPTION OF CODE
H85-87	Total Income	999	No income
	of Family or	000	\$1 - \$99
	Primary Indi-	001 to 499	\$100-\$199 to \$49,900-\$49,999
	vidual	500	\$50,000 or more
	Dict.: 159.4,	-00	\$1 - \$99 loss
	104	-01 to -98	Loss in hundred dollar intervals
		-99	Loss of \$9,900 or more
	998	NA (Vacant unit or G.Q.)	
H88	Gross Rent as a Percent of Income of Family or Primary In- dividual	0	Less than 10%
		1	10 to 14%
		2	15 to 19%
		3	20 to 24%
		4	25 to 34%
		5	35% or more
		6	Not computed ("No cash rent", or rent paid but 0 or negative in- come)
7	NA (owner-occupied unit, one- family house on place of 3 cuerdas or more, vacant unit, or G.Q.)		
H89	Ratio of Value to Income of Family or Primary Individual Dict.: 168.1	0	Less than 1.0
		1	1.0 to 1.4
		2	1.5 to 1.9
		3	2.0 to 2.4
		4	2.5 to 2.9
		5	3.0 to 3.9
		6	4.0 or more
		7	Not computed (0 or negative income but in the value universe)
8	NA (Not in value universe in H29-30, vacant unit, or G.Q.)		
H90-92	Land Rent	001-999 000	Monthly Land Rent (dollar amount) NA (not "1" in H26)
H93-94	Subsample Num- ber (See dis- cussion on pages 6-7 and 201-203 of Stateside doc- umentation)	00 to 99	1% subsample serial number

1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

HOUSING ALLOCATIONS

CHARACTER	ITEM ALLOCATED:	TYPE	CODES	
H95		Substitution (See discussion on pages 191-193 of Stateside docu- mentation)	0,1,2,3 4,5,6,7	No substituti Substituted household
		Closeout schedule (See note below)	0,1,4,5 2,3,6,7	Not a Closeou Closeout
	(H14)	Type of Construction: Indirect	0,2,4,6 1,3,5,7	Not allocated Allocated
H96	(H15)	Electric Light: Indirect	0,1,2,3 4,5,6,7	Not allocated Allocated
	(H16)	Vacancy Status: Direct	0,1,4,5 2,3,6,7	Not allocated Allocated
	(H17)	Duration of Vacancy: Indirect	0,2,4,6 1,3,5,7	Not allocated Allocated
H97	(H18)	Telephone Available: Indirect	0,1,2,3 4,5,6,7	Not allocated Allocated
	(H19)	Direct Access: Direct	0,1,4,5 2,3,6,7	Not allocated Allocated
	(H20)	Kitchens or Cooking Facilities: Indirect	0,2,4,6 1,3,5,7	Not allocated Allocated
H98	(H20)	Kitchen or Cooking Facilities: Direct	0,1,2,3 4,5,6,7	Not allocate Allocated
	(H21)	Rooms in Unit: Indirect	0,1,4,5 2,3,6,7	Not allocate Allocated
	(H22)	Hot and Cold Piped Water: Indirect	0,2,4,6 1,3,5,7	Not allocate Allocated
H99	(H22)	Hot and Cold Piped Water: Direct	0,1,2,3 4,5,6,7	Not allocate Allocated
	(H23)	Toilet Facilities: Indirect	0,1,4,5 2,3,6,7	Not allocate Allocated
	(H23)	Toilet Facilities: Direct	0,2,4,6 1,3,5,7	Not allocate Allocated

A "closeout" indicates that the enumerator could obtain no information about the unit or its occupants, if any, and data is substituted.

1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

CHARACTER	ITEM ALLOCATED		CODES	
H100	(H24)	Bathing facilities: Indirect	0,1,2,3 4,5,6,7	Not allocated Allocated
	(H24)	Bathing facilities: Direct	0,1,4,5 2,3,6,7	Not allocated Allocated
	(H26)	Land Temure: Indirect (See also H118)	0,2,4,6 1,3,5,7	Not allocated Allocated
H101	(H27)	Temure: Indirect	0,1,2,3 4,5,6,7	Not allocated Allocated
	(H27)	Temure: Direct	0,1,4,5 2,3,6,7	Not allocated Allocated
	(H28)	Commercial Use: Direct	0,2,4,6 1,3,5,7	Not allocated Allocated
H102	(H29-30)	Value: Indirect	0,1,2,3 4,5,6,7	Not allocated Allocated
	(H31-33)	Contract Rent: Indirect	0,1,4,5 2,3,6,7	Not allocated Allocated
	(H31-33)	Contract Rent: Direct	0,2,4,6 1,3,5,7	Not allocated Allocated
H103	(H34-36)	Gross Rent (consistency)	0,1,2,3 4,5,6,7	Not edited Edited
	(H38-39)	Electricity (Amount): Indirect	0,1,4,5 2,3,6,7	Not allocated Allocated
	(H38-39)	Electricity (Amount): Direct	0,2,4,6 1,3,5,7	Not allocated Allocated
H104	(H37)	Payment of Electricity: Indirect	0,1,2,3 4,5,6,7	Not allocated Allocated
	(H37)	Payment of Electricity: Direct	0,1,4,5 2,3,6,7	Not allocated Allocated
	(H41-42)	Gas (Amount): Indirect	0,2,4,6 1,3,5,7	Not allocated Allocated

1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

CHARACTER	ITEM ALLOCATED		CODES	
H105	(H41-42)	Gas (Amount): Direct	0,1,2,3 4,5,6,7	Not allocated Allocated
	(H40)	Payment of Gas: Indirect	0,1,4,5 2,3,6,7	Not allocated Allocated
	(H40)	Payment of Gas: Direct	0,2,4,6 1,3,5,7	Not allocated Allocated
H106	(H44-46)	Water (Amount): Indirect	0,1,2,3 4,5,6,7	Not allocated Allocated
	(H44-46)	Water (Amount): Direct	0,1,4,5 2,3,6,7	Not allocated Allocated
	(H43)	Payment of Water: Indirect	0,2,4,6 1,3,5,7	Not allocated Allocated
H107	(H43)	Payment of Water: Direct	0,1,2,3 4,5,6,7	Not allocated Allocated
	(H48-50)	Fuel (Amount): Indirect	0,1,4,5 2,3,6,7	Not allocated Allocated
	(H48-50)	Fuel (Amount): Direct	0,2,4,6 1,3,5,7	Not allocated Allocated
H108	(H47)	Payment for Other Fuel: Indirect	0,1,2,3 4,5,6,7	Not allocated Allocated
	(H47)	Payment for Other Fuel: Direct	0,1,4,5 2,3,6,7	Not allocated Allocated
	(H51)	Water Access: Indirect	0,2,4,6 1,3,5,7	Not allocated Allocated
H109	(H52)	Year Structure Built: Indirect	0,1,2,3 4,5,6,7	Not allocated Allocated
	(H52)	Year Structure Built: Direct	0,1,4,5 2,3,6,7	Not allocated Allocated
	(H53)	Units in Structure: Indirect	0,2,4,6 1,3,5,7	Not allocated Allocated

1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

CHARACTER	ITEM ALLOCATED		CODES	
H110	(H53)	Units in Structure: Direct	0,1,2,3 4,5,6,7	Not allocated Allocated
	(H54)	Mortgage on Property: Indirect	0,1,4,5 2,3,6,7	Not allocated Allocated
	(H55)	Condition of Housing Unit: Indirect	0,2,4,6 1,3,5,7	Not allocated Allocated
H111	(H56)	Produce of Fruits, Vegetables, or Livestock: Indirect	0,1,2,3 4,5,6,7	Not allocated Allocated
	(H57)	Sewage Disposal: Direct	0,1,4,5 2,3,6,7	Not allocated Allocated
	(H58)	Location and Type of Toilet: Indirect	0,2,4,6 1,3,5,7	Not allocate Allocated
H112	(H58)	Location and Type of Toilet: Direct	0,1,2,3 4,5,6,7	Not allocate Allocated
	(H59)	Location of Piped Water: Indirect	0,1,4,5 2,3,6,7	Not allocate Allocated
	(H59)	Location of Piped Water: Direct	0,2,4,6 1,3,5,7	Not allocate Allocated
H113	(H60)	Automobile: Indirect	0,1,2,3 4,5,6,7	Not allocate Allocated
	(H61)	Bedrooms: Indirect	0,1,4,5 2,3,6,7	Not allocate Allocated
	(H61)	Bedrooms: Direct	0,2,4,6 1,3,5,7	Not allocat Allocated
H114	(H62)	Kitchen Sink with Piped Water: Indirect	0,1,2,3 4,5,6,7	Not allocat Allocated
	(H62)	Kitchen Sink with Piped Water: Direct	0,1,4,5 2,3,6,7	Not allocat Allocated
	(H63)	Type of Refrigerator: Indirect	0,2,4,6 1,3,5,7	Not all cat Allocated

1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

CHARACTER	ITEM ALLOCATED		CODES	
H115	(H64)	Type of Cooking Facilities Indirect	0,1,2,3 4,5,6,7	Not allocated Allocated
	(H64)	Type of Cooking Facilities Direct	0,1,4,5 2,3,6,7	Not allocated Allocated
	(H65)	Location of Cooking Facilities: Indirect	0,2,4,6 1,3,5,7	Not allocated Allocated
H116	(H65)	Location of Cooking Facilities: Direct	0,1,2,3 4,5,6,7	Not allocated Allocated
	(H66)	Cooking Fuel: Indirect	0,1,4,5 2,3,6,7	Not allocated Allocated
	(H66)	Cooking Fuel: Direct	0,2,4,6 1,3,5,7	Not allocated Allocated
H117	(H67)	Television: Indirect	0,1,2,3 4,5,6,7	Not allocated Allocated
	(H68)	Radio: Indirect	0,1,4,5 2,3,6,7	Not allocated Allocated
	(H69)	Battery Operated Radio: Indirect	0,2,4,6 1,3,5,7	Not allocated Allocated
H118	(H26)	Land Tenure: Direct See also H100	0,1,2,3 4,5,6,7	Not allocated Allocated
	(H90)	Land Rent: Indirect	0,1,4,5 2,3,6,7	Not allocated Allocated
	(H90)	Land Rent: Direct	0,2,4,6 1,3,5,7	Not allocated Allocated
H119	Not Used		0	
H120	Record Type Indicator	6		Household record, 1970, Puerto Rico

1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

CHARACTER	ITEM	CODE	DESCRIPTION OF CODE
P1	Basic Relationship Dict.: 79,80	0	Head of household
		1	Wife of head
		2	Son or daughter of head
		3	Other relative of head
		4	Roomer, boarder, or lodger
		5	Patient or inmate
		6	Other not related to head
P2	Detailed Relationship of Persons in Households Dict.: 80	-	Head, wife or child not in sub-family; or G.Q.
		0	Son or daughter or son-in-law or daughter-in-law in subfamily
		1	Grandson or granddaughter
		2	Father or mother or stepparent
		3	Father-in-law or mother-in-law
		4	Brother or sister or stepbrother or stepsister
		5	Brother- or sister-in-law
		6	Other relative--aunt, cousin, etc.
		7	Partner or friend
		8	Roomer, boarder, or lodger not in G.Q.
9	Resident employee		
P3	Subfamily Membership Number Dict.: 81.111	0	Persons not in a subfamily other than those listed in code 9.
		1	Members of subfamily number 1
		2	Members of subfamily number 2
		3	Members of subfamily number 3
		4	Members of subfamily number 4
		9	Head, wife, or child not in subfamily; or G.Q.



1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

CHARACTER	ITEM	CODE	DESCRIPTION OF CODE
P4-5	Type of Group Quarters Dict.: 79.2	00	Correctional institution
		01	Mental diseases hospital and treatment centers
		02	TB and other chronic diseases hospital
		03	Aged and dependent homes
		04	Mentally handicapped home
		05	Physically handicapped homes, schools and hospitals
		06	Homes for neglected and dependent children
		07	Other institutions for children
		08	Rooming and boarding houses, tourist homes and communes
		09	Military installations
		10	College dormitories
		11	Other
		99	NA (person not in G.Q.)
P6	Sex Dict.: 59	0	Male
		1	Female
P7	Ability to Read and Write	0	Yes
		1	No
		2	NA (person under 10 years of age)
P8	Ability to Speak English	0	Yes
		1	No
		2	NA (person under 10 years of age)
P9-11	Age Dict.: 58	000	Under 1 year
		001 to 099	01 to 99
		100	100 or over
P12	Quarter of Birth Dict.: 58	0	First quarter
		1	Second quarter
		2	Third quarter
		3	Fourth quarter
P13	Marital Status Dict.: 73	0	Married, spouse present
		1	Married, spouse absent
		2	Widowed
		3	Divorced
		4	Separated
		5	Never married
6	NA (person under 14)		

1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

CHARACTER	ITEM	CODE	DESCRIPTION OF CODE
P14	Place of Birth	0	Puerto Rico
	Recode	1	U.S. State
	Dict.: 61	2	At sea or abroad of American parents
		3	U.S. possession
		4	Foreign
P15-16	U.S. State of Birth	06	Puerto Rico
	OR	01 to 56	If P14 = 1, see State Code list, page 38.
	Country of Birth Dict.: 61	01 to 99	State not reported
			If P14 = 2, 3, or 4: see codes for outlying areas and foreign countries, page 39.
P17-18	Highest Grade Attended	00	Never attended school
	Dict.: 71	01	Nursery school
		02	Kindergarten
	(For tabulations of years of school completed, this code must be decreased by one for a response of 0 or 2 in P19.)	03	Elementary 1
		04	Elementary 2
		05	Elementary 3
		06	Elementary 4
		07	Elementary 5
		08	Elementary 6
		09	Elementary 7
		10	Elementary 8
		11	Elementary 9
		12	High school 10
		13	High school 11
		14	High school 12
		15	College 1
		16	College 2
		17	College 3
		18	College 4
		19	College 5
		20	College 6 or more
21		NA (person under 3 years old)	
P19	Finished Grade	0	Now attending
	Dict.: 71	1	Finished grade
		2	Did not finish
		3	NA (person under 3 years old or never attended)

1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

CHARACTER	ITEM	CODE	DESCRIPTION OF CODE
P20-21	Children Ever Born Dict.: 77	00	None
		01	1
		02	2
		03	3
		04	4
		05	5
		06	6
		07	7
		08	8
		09	9
		10	10
		11	11
		12	12 or more
13	NA (male, female under 14 years old)		
P22	Hours Worked Dict.: 90	0	1-14 hours
		1	15-29 hours
		2	30-34 hours
		3	35-39 hours
		4	40 hours
		5	41-48 hours
		6	49-59 hours
		7	60 or more hours
8	NA (person not at work - see employment status recode: P31)		
P23	Year Last Worked Dict.: 92	0	1970
		1	1969
		2	1968
		3	1964-1967
		4	1960-1963
		5	1959 or earlier
		6	Never worked
7	NA (person with employment status recode (P31) "at work" or in armed forces, person under 14 years, person unemployed or not in labor force (NILF) who did not report year last worked.)		
P24-26	Current Industry Dict.: 96	C17 to 997	See 1970 Industry Code List, pages 93- in Stateside documentation.
		000	NA (person under 14 years, person who never worked, person in the armed forces, person NILF who did not report year last worked, or person NIL who last worked 1959 or earlier)

1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

CHARACTER	ITEM	CODE	DESCRIPTION OF CODE
P27-29	Current Occupation Dict.: 95	001 to 991 000	See 1970 Occupation Code List, pages 100-110 in Stateside documentation NA (person under 14 years old, person who never worked, person in the armed forces, person NILF who did not report year last worked, or person NILF who last worked 1959 or earlier)
P30	Class of Worker Dict.: 97	0 1 2 3 4 5 6 7	Employee of private co., etc. Federal government employee (including persons in the armed forces). State government employee Local government employee Self-employed; own business, not incorporated Self-employed; own business, incorporated Working without pay NA (person under 14 years old, person who never worked, person NILF who did not report year last worked, or person NILF who last worked 1959 or earlier)
P31	Employment Status Recode Dict.: 88,87	0 1 2 3 4 5 6	Not in universe (under 14 years old) At work With a job - not at work Unemployed Armed forces - at work Armed forces - on leave Not in labor force
P32	Living in U.S. During Last 5 Years for 6 Months or More	0 1 2	Yes No NA (persons under 5 years old)
P33	Year Returned to Puerto Rico	0 1 2 3 4 5	1965 1966 1967 1968 1969-70 NA (persons under 5 years old or with "No" in P32)

1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

CHARACTER	ITEM	CODE	DESCRIPTION OF CODE
P34	How Long in the U.S.	0	6 months to 1 year
		1	1 or 2 years
		2	3 or 4 years
		3	5 years or more
		4	NA (person under 5 years old or with "No" in P32)
P35	Worked Last Year Dict.: 91	0	Yes
		1	No
		2	NA (person under 14 years)
P36	Weeks Worked Dict.: 91	0	13 weeks or less
		1	14-26 weeks
		2	27-39 weeks
		3	40-47 weeks
		4	48-49 weeks
		5	50-52 weeks
	6	NA (person under 14 or who did not work last year)	
P37-39	Earnings in 1969: Wages, Salary Commissions, Bonuses, or Tips from All Jobs Dict.: 104.11	999	No income
		000	\$1 to \$99
		001 to 499	\$100-\$199 to \$49,900-\$49,999
		500	\$50,000 or more
		998	NA (under 14 years old)
P40-42	Earnings in 1969: Non-Farm Bus- iness, Pro- fessional Practice, or Partnership Dict.: 104.12	999	No income
		000	\$1 to \$99
		001 to 499	\$100-\$199 to \$49,900-\$49,999
		500	\$50,000 or more
		-00	\$1-\$99 loss
		-01 to -98	Loss in hundred dollar intervals
	-99	Loss of \$990 or more	
	998	NA (under 14 years old)	
P43-45	Earnings in 1969: Own Farm Dict.: 104.2	999	No income
		000	\$1-\$99
		001 to 499	\$100-\$199 to \$49,900-\$49,999
		500	\$50,000 or more
		-00	\$1-\$99 loss
		-01 to -98	Loss in hundred dollar intervals
	-99	Loss of \$9900 or more	
	998	NA (under 14 years old)	
P46-48	Income from Social Security or Railroad Retirement Dict.: 104.21	999	No income
		000	\$1-\$99
		001 to 499	\$100-\$199 to \$49,900-\$49,999
		500	\$50,000 or more
		998	NA (under 14 years old)

1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

CHARACTER	ITEM	CODE	DESCRIPTION OF CODE
P49-51	Income from	999	No income
	Public Assist-	000	\$1 to \$99
	ance or Wel-	001 to 499	\$100-\$199 to \$49,900-\$49,999
	fare	500	\$50,000 or more
	Dict.: 104.22	998	NA (under 14 years old)
P52-54	Income from All	999	No income
	Other Sources	000	\$1-\$99
	Dict.: 104.23	001 to 499	\$100-\$199 to \$49,900-\$49,999
		500	\$50,000 or more
		-00	\$1-\$99 loss
		-01 to -98	Loss in hundred dollar intervals
	-99	Loss of \$9900 or more	
	998	NA (under 14 years old)	
P55	Is This Person	0	No, family member not having
	Chief Income		largest income or person
	Recipient in	1	under 14 years old
	Family		Yes, family member with largest
	Dict.: 104		income (and every person in G.Q.
			or unrelated individual 14+)
P56-58	Persons Total	999	No income
	Income	000	\$1-\$99
	Dict.: 104	001 to 499	\$100-\$199 to \$49,900-\$49,999
		500	\$50,000 or more
		-00	\$1-\$99 loss
		-01 to -98	Loss in hundred dollar intervals
	-99	Loss of \$9900 or more	
	998	NA (under 14 years old)	
P59	Ratio of Family		Below poverty cutoff
	Income to Poverty	0	Under .50 or poverty cutoff
	Cutoff	1	.50-.74
	Dict.: 105	2	.75-.99
		3	Above poverty cutoff
		4	1.00-1.24
		5	1.25-1.49
		6	1.50-1.99
		7	2.00-2.99
		8	3.00+
		NA (Inmate of institution, un-	
		related person under 14 years	
		old, armed forces living in mil-	
		itary barracks, or college student	
		living in dormitory)	

1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

CHARACTER	ITEM	CODE	DESCRIPTION OF CODE	
P60-61	Family Poverty Cutoff	14 to 66	Hundreds of dollars (rounded) NA (inmate of institution, un-related person under 14 years old, armed forces living in military barracks, or college student living in dormitory)	
	Dict.: 106 (Matrix from which these cutoffs are drawn is presented on page 122 of State-side documentation)	00		
P62-63	Size of Primary Family (on Primary Family Head's Record Only)	02 to 35	Total number of persons in primary family or subfamily NA (G.Q. or other person not the head of a family or subfamily)	
	OR Size of Subfamily (on Subfamily Head's Record Only) Dict.: 81.11,81.111	00		
P64	Subfamily Relationship	0	Head in a subfamily	
	Dict.: 81.111,81		1	Wife in a subfamily
			2	Own child in a subfamily
			3	In family but not in subfamily
			6	Primary individual
			7	Secondary individual in household
			8	Noninmate in group quarters
			9	Inmate in group quarters
		P65	Type of Sub-family	1
Dict.: 81.111,82			2	Husband/wife subfamily with own children under 18
			3	Female head subfamily with own children under 18
			4	Other-male-head subfamily with with own children under 18
			5	In family - not in subfamily
			6	Primary individual
			7	Secondary individual in household
			8	Noninmate in group quarters
			9	Inmate in group quarters

1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

CHARACTER	ITEM	CODE	DESCRIPTION OF CODE
P66	Family Unit Membership and Group Quarters Status Dict.: 81,79.2	0	Family member, no subfamily in household
		1	Family member, subfamily in household, not in subfamily
		2	Subfamily member
		3	Primary individual
		4	Secondary individual in household
		7	Nonimrate in group quarters without imrates
		8	Nonimrate in group quarters with imrates
		9	Imrate in group quarters
		P67	Family Type and Presence of Own Children Dict.: 82,84
2	Husband/wife with no own children under 18		
3	Female head, with own children under 18		
4	Female head, with no own children under 18		
5	Other male head, with own children under 18		
6	Other male head, with no own children under 18		
7	Primary individual		
8	Secondary individual		
9	Group quarters		
P68-69	Family Relationship Summary Dict.: 81,80	00	Family head
		01	Wife of family head
		02	Child under 18, never married
		03	Child under 18, ever married
		04	Child 18 and over
		05	Other relative under 18, never married
		06	Other relative under 18, ever married
		07	Other relative 18 and over
		08	Primary individual
		09	Secondary individual
	10	Group quarters member	



1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

CHARACTER	ITEM	CODE	DESCRIPTION OF CODE
P70	Nativity and Parentage Dict.: 62	0	Father and mother born in U.S.
		1	Mother born in U.S. possession in P71-72 below. Father born in U.S.
		2	Mother born in foreign country in P71-72 below. Father born in U.S.
		3	Father born in U.S. possession in P71-72. Mother born in U.S.
		4	Father born in U.S. possession in P71-72. Mother also born in a U.S. possession.
		5	Mother born in foreign country in P71-72. Father born in U.S. possession
		6	Father born in foreign country in P71-72. Mother born in U.S.
		7	Father born in foreign country in P71-72. Mother born in U.S. possession.
		8	Father born in foreign country in P71-72. Mother also born in a foreign country.
P71-72	Country of Birth of Parent Indicated in P70 Dict.: 62	00	Both parents born in U.S.
		06	Parent born in Puerto Rico
		01 to 99	See Codes for Foreign Countries and Outlying Areas, p. 39.
P73	Puerto Rican Parentage Indicator	0	Both parents not born in Puerto Rico, or parents birth place not reported
		1	One or both parents born in Puerto Rico.
P74	Consensual Marriage	0	Not consensually married, or not reported
		1	Consensually married
P75	Year Moved In	0	1969 to 1970
		1	1968
		2	1967
		3	1965 to 1966
		4	1960 to 1964
		5	1950 to 1959
		6	1949 or earlier
7	Always lived here		
P76	Place of Residence 5 Years Ago Dict.: 55	0	Same house
		1	Different house, same municipio
		2	Different municipio
		3	Northeast U.S.
		4	North Central U.S.
		5	South U.S.
		6	West U.S.
		7	Abroad
		8	Moved residence not reported NA (persons under 5 years)

1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTION

CHARACTER	ITEM	CODE	DESCRIPTION OF CODE
P77-78	State or Country of Residence 5 Years Ago Dict.: 55	00	Puerto Rico
		01 to 56	State code (see page 38) UNLESS P76 = 7
		01 to 98	IF P76 = 7 see codes for outlying areas and foreign countries, page 39
		99	NA (person under 5 years, or person 5 and over who moved but did not report State or country)
P79	Type of School in Which Enrolled Dict.: 68, 70	0	Not enrolled
		1	Yes, public
		2	Yes, parochial
		3	Yes, other private school
		4	NA (person under 3)
P80	Veteran Dict.: 86	0	Yes
		1	No
		2	NA (Females, males under 14 years, males 14+ in the armed forces)
P81	Period of Service during Viet-Nam Conflict Dict.: 86	0	Yes
		1	No
		2	NA (Females, males under 14 years, males 14+ in the armed forces)
P82	Period of Service during Korean War Dict.: 86	0	Yes
		1	No
		2	NA (Females, males under 14 years, males 14+ in the armed forces)
P83	Period of Service during World War II Dict.: 86	0	Yes
		1	No
		2	NA (Females, males under 14 years, males 14+ in the armed forces)
P84	Period of Service during World War I Dict.: 86	0	Yes
		1	No
		2	NA (Females, males under 14 years, males 14+ in the armed forces)
P85	Veteran of Service Any Other Time Dict.: 86	0	Yes
		1	No
		2	NA (Females, males under 14 years, males 14+ in the armed forces)

1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

CHARACTER	ITEM	CODE	DESCRIPTION OF CODE
P86	Place of Work: SMSA Recode Dict.: 102(18)	0	In central business district
		1	In central city of SMSA
		2	In ring of SMSA
		3	Outside SMSA
		4	Not reported
		5	NA (Under 14 or not "at work")
P87	Vocational Training Dict.: 72	0	Yes
		1	No
		2+	NA (Person under 14 years)
P88	Main Field of Vocational Training Dict.: 72	0	Business, office work
		1	Nursing, other health fields
		2	Trades and crafts
		3	Engineering or science technician, draftsman
		4	Agriculture or home economics
		5	Other field
		6	Not reported
7+	NA (Person with "No" in P87 or under 14 years old)		
P89	Place of Work: State Recode Dict.: 102(1)	0	Same State
		1	Contiguous State
		2	Noncontiguous State
		3	Not reported
		4	NA (Under 14 or not "at work")
P90	Means of Trans- portation to Work Dict.: 103	0	Driver, private car
		1	Passenger, private car
		2	Bus
		3	Public car
		4	Ferry Boat
		5	Taxi
		6	Walked only
		7	Worked at home
		8	Other means
		9	NA (under 14 or not "at work")
P91	Working while in U.S.	0	Yes
		1	No
P92	In Armed Forces while in U.S.	0	Yes
		1	No
P93	In School or College while in U.S.	0	Yes
		1	No
P94	Doing Something Else while in U.S.	0	Yes
		1	No

1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

CHARACTER	ITEM	CODE	DESCRIPTION OF CODE
P95	Not Used		
P96	Metropolitan/	0	Metropolitan (by 1970 definition)
	Nonmetropolitan	1	Nonmetropolitan
	Residence 5 Years	2	Not an intercounty migrant
	Ago	3	NA (age less than 5, residence
	Dict.: 55(54)		in 1965 not reported, or abroad)
P97-103	Not Used		

1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

CHARACTER	ITEM ALLOCATED	CODES	
<u>POPULATION ALLOCATIONS</u>			
P104	Substitution	0,1,2,3 4,5,6,7	No substituti Substituted
	Two or more Sample items	0,1,4,5 2,3,6,7	Not allocated Allocated
	(P4-5) Group Quarters Type	0,2,4,6 1,3,5,7	Not allocated Allocated
P105	(P1) Relationship	0,1,2,3 4,5,6,7	Not allocated Allocated
	(P6) Sex	0,1,4,5 2,3,6,7	Not allocated Allocated
	(P7) Ability to Read and Write	0,2,4,6 1,3,5,7	Not allocated Allocated
P106	(P9-11) Age, Decade and Year	0,1,2,3 4,5,6,7	Not allocated Allocated
	(P9-11) Year only	0,1,4,5 2,3,6,7	Not allocated Allocated
	(P13) Marital Status	0,2,4,6 1,3,5,7	Not allocated Allocated
P107	(P14) Place of Birth	0,1,2,3 4,5,6,7	Not allocated Allocated
	(P17-18) Highest Grade Attended	0,1,4,5 2,3,6,7	Not allocate Allocated
	(P19) Finished Grade	0,2,4,6 1,3,5,7	Not allocate Allocated
P108	(P20-21) Children Ever Born	0,1,2,3 4,5,6,7	Not allocate Allocated
	(P22) Hours Worked Last Week	0,1,4,5 2,3,6,7	Not allocate Allocated
	(P23) Year Last Worked	0,2,4,6 1,3,5,7	Not allocate Allocated
P109	(P27-29) Occupation	0,1,2,3 4,5,6,7	Not all ate Allocated
	(P30) Class of Worker	0,1,4,5 2,3,6,7	Not allocate Allocated
	(P24-26) Industry	0,2,4,6 1,3,5,7	Not allcate Allocated

1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

CHARACTER	ITEM ALLOCATED		CODES	
P110	(P35)	Worked Last Year	0,1,2,3 4,5,6,7	Not allocated Allocated
	(P36)	Weeks Worked	0,1,4,5 2,3,6,7	Not allocated Allocated
	(P37-39)	Wages, Salary Earnings	0,2,4,6 1,3,5,7	Not allocated Allocated
P111	(P40-42)	Nonfarm Business Earnings	0,1,2,3 4,5,6,7	Not allocated Allocated
	(P43-45)	Farm Earnings	0,1,4,5 2,3,6,7	Not allocated Allocated
	(P46-48)	Social Security or Railroad Retirement	0,2,4,6 1,3,5,7	Not allocated Allocated
P112	(P49-51)	Public Assistance or Welfare	0,1,2,3 4,5,6,7	Not allocated Allocated
	(P52-54)	Interest Income	0,1,4,5 2,3,6,7	Not allocated Allocated
	(P31)	Employment Status Recode	0,2,4,6 1,3,5,7	Not allocated Allocated
P113	(P37-45)	Earnings Edited	0,1,2,3 4,5,6,7	Not allocated Allocated
	(P46-54)	Income Edited	0,1,4,5 2,3,6,7	Not allocated Allocated
	(P64)	Family Detailed Relationship	0,2,4,6 1,3,5,7	Not allocated Allocated
P114	(P65)	Type of Family/Subfamily	0 4	Not allocated Allocated
P115	(P70)	Father's Place of Birth	0,2 4,6	Not allocated Allocated
	(P70)	Mother's Place of Birth	0,4 2,6	Not allocated Allocated
P116	(P75)	Year Moved in	0,1,2,3 4,5,6,7	Not allocated Allocated
	(H90)	Year Head Moved in: Indirect	0,1,4,5 2,3,6,7	Not allocated Allocated
	(H90)	Year Head Moved in: Direct	0,2,4,6 1,3,5,7	Not allocated Allocated

1970 PUERTO RICO PUBLIC USE SAMPLE ITEM DESCRIPTIONS

CHARACTER	ITEM ALLOCATED	CODES		
P117	(P76, P77-78)	Residence 5 Years Ago	0,1,2,3 4,5,6,7	Not allocated Allocated
	(P79)	Type of School in Which Enrolled	0,1,4,5 2,3,6,7	Not allocated Allocated
	(P80-85)	Veteran Status	0,2,4,6 1,3,5,7	Not allocated Allocated
P118	(P90)	Means of Transportation to Work	0,1,2,3 4,5,6,7	Not allocated Allocated
	(P87)	Vocational Training	0,1,4,5 2,3,6,7	Not allocated Allocated
	(P88)	Field of Vocational Training	0,2,4,6 1,3,5,7	Not allocated Allocated
P119	(P8)	Ability to Speak English	0 4	Not allocated Allocated
P120	Record Type Indicator	9	Population Record Puerto Rico	1970

NEIGHBORHOOD CHARACTERISTICS RECORD\*  
(included on neighborhood characteristics samples only)

Except where otherwise noted, neighborhood characteristics are ratios recorded in the range .00 to .99 (decimal implied). Values are rounded to the nearest decimal place recorded. A 99 represents any value above 98.5.

<u>Character</u>	<u>Neighborhood Characteristics</u>
<u>General Population Characteristics</u>	
N1-2	<u>Population 0-17 years old</u> Total population
N3-4	<u>Population 65 years and over</u> Total population
N5-6	<u>Population in households</u> (Range: 0.0 to 9.9) Total households
N7-8	<u>Primary individuals</u> Total households
N9-10	<u>Population in group quarters (including inmates)</u> Total population .
<u>Family and fertility</u>	
N11-12	<u>Families with female head</u> Total families
N13-14	<u>Persons 0-17 in husband-wife families</u> Total persons 0-17 years old
N15-16	<u>Separated and divorced population</u> Total ever-married population
N17-18	<u>Children ever born to ever-married females</u> <u>35-44 years old</u> Total ever-married females 35-44 years old (Range 0.0 to 9.9)



Character

Neighborhood Characteristics

Ethnic groups

N19-20

Persons 10 years old and over unable to read and write  
Total persons 10 years old and over

N21-22

Persons 5 years old and over living outside Puerto Rico  
5 years ago  
Total persons 5 years old and over

N23-24

Persons of foreign stock<sup>1/</sup>  
Total population

Education

N25-26

Persons 16-21 not enrolled in school and  
not high school graduates  
Total persons 16-21 years old

N27-28

Population 16-21 years old  
Total population

N29-30

Persons 3-34 enrolled in college<sup>2/</sup>  
Persons 18-21 years old

N31-32

Persons 25-54 with 0-7 years of school completed  
Total persons 25-54 years old

N33-34

Persons 25-54 with 12 or more years of school completed  
Total persons 25-54 years old

N35-36

Persons 25-54 with 4 or more years of college completed  
Total persons 25-54 years old

N37-38

Median years of school completed for persons 25-54

Mobility

N39-40

Persons 5 and over living in same house as 5 years ago  
Total persons 5 years old and over

N41-42

Persons 5 and over living in different municipio 5  
years ago  
Total persons 5 years old and over

1/ Foreign stock is defined as for the U.S.: persons born outside the U.S., Puerto Rico, or other outlying areas of the U.S., and other persons who do not have native American parents.

2/ A value of 1.00 or more is recorded as .99

<u>Character</u>	<u>Neighborhood Characteristics</u>
<u>Employment</u>	
N43-44	<u>Male civilian labor force 16 years old and over</u> Total civilian males 16 years old and over
N45-46	<u>Female civilian labor force 16 years old and over</u> Total civilian females 16 years old and over
N47-48	<u>Persons 16-21 years old not enrolled in school, un- employed or not in labor force</u> Total persons 16-21 years old not enrolled in school
N49-50	<u>Unemployed persons 16 years old and over</u> Total civilian labor force 16 years old and over
<u>Occupation and industry</u>	
N51-52	<u>Employed professional, technical, and kindred workers; and managers and administrators except farm managers; 16 years old and over</u> Total employed persons 16 years old and over in EOLF
N53-54	<u>Employed farmers, farm managers, farm laborers, and farm foremen 16 years old and over</u> Total employed persons 16 years old and over
N55-56	<u>Employed blue collar workers (craftsmen and kindred workers, operatives including transport equipment operatives, and laborers except farm) 16 years old and over</u> Total employed persons 16 years old and over
<u>Income</u>	
N57-58	<u>Families with less than \$1,000 family income</u> Total families
N59-60	<u>Families with \$6,000 or more family income</u> Total families
N61-62	Median family income (in thousands of dollars)
N63-64	Gini index of income concentration <sup>3/</sup>

<sup>3/</sup>The index of income concentration ranges from .01 to .99. As the index approaches 1.0, the greater is the inequality of the income distribution. A code of 00 indicates the index was suppressed due to unreliability. A discussion of the index appears in PC(1)-C reports, page Apr 27. A paper entitled "Index of Income Concentration in the 1940 Census" is available on request.

Character

Neighborhood Characteristics

Poverty

N65-66

Families with income below the poverty level  
Total families

N67-68

Persons with income below the poverty level  
Total population for which poverty status  
is determined<sup>4/</sup>

General Housing Characteristics

N69-70

Owner-occupied units  
Total occupied units

N71-72

Occupied units with 1.01 or more persons per room  
Total occupied units

N73-74

Occupied units with all plumbing facilities and  
with 1.01 or more persons per room  
Total occupied units

N75-76

Occupied units lacking some or all plumbing facilities  
Total occupied units

Value or rent

N77-78

Owner-occupied units valued at less than \$2,000.  
Total owner-occupied units for which value is tabulated

N79-80

Owner-occupied units valued at \$15,000 and over  
Total owner-occupied units for which value is tabulated

N81-82

Renter-occupied units with gross monthly rent less than \$20  
Total renter-occupied units for which gross rent  
is tabulated excluding "no cash rent" units

N83-84

Renter-occupied units with gross monthly rent less than \$40  
Total renter-occupied units for which gross rent is  
tabulated excluding "no cash rent" units

N85-86

Renter-occupied units with gross monthly rent \$100 or more  
Total renter-occupied units for which gross rent is  
tabulated excluding "no cash rent" units

N87-88

Units with gross rent-income ratio of .25 or more<sup>5/</sup>  
Total renter-occupied units for which gross  
rent-income ratio is tabulated

N89-90

Units with gross rent-income ratios of .35 or more<sup>5/</sup>  
Total renter-occupied units for which gross  
rent-income ratio is tabulated

<sup>4/</sup>Poverty status is not determined for inmates of institutions, armed forces living in military barracks, college students living in dormitories, or for unrelated individuals less than 14 years old.

<sup>5/</sup>Units where the primary individual or family income is zero or negative and units for which no cash rent is paid are excluded from tabulation of the rent-income ratio.

Character

Neighborhood Characteristics

Vacancy

N91-92

Vacant units (year round)  
Total units (year round)

N93-94

Vacant for rent and vacant for sale  
Total units (year round)

Structural and Other Characteristics

N95-96

Units in one-unit structures  
Total units (year round)

N97-98

Units in structures of 5 or more units  
Total units (year round)

N99-100

1- and 2-room units  
Total units (year round)

N101-102

Total rooms in all units  
Total units (year round) (Range: 0.0 to 9.9)

N103-104

Units built 1960 or later  
Total units (year round)

N105-106

Units built 1939 or earlier  
Total units (year round)

N107-108

Occupied units deteriorating, dilapidated, or  
with original construction inadequate -  
Total occupied units

N109-110

Households with one or more cars  
Total number of households

N111-116

Serial number of first household in the "neighborhood"

N117-119

Not Used

N120

Record type indicator = 5  
Neighborhood Characteristics Record

State Code List

(The following codes for States of the United States and the District of Columbia are in accordance with the Federal Information Processing Standard 5, dated November 1, 1968:)

Code	Name	Code	Name
01	Alabama	29	Missouri
02	Alaska	30	Montana
04	Arizona	31	Nebraska
05	Arkansas	32	Nevada
06	California	33	New Hampshire
08	Colorado	34	New Jersey
09	Connecticut	35	New Mexico
10	Delaware	36	New York
11	District of Columbia	37	North Carolina
12	Florida	38	North Dakota
13	Georgia	39	Ohio
15	Hawaii	40	Oklahoma
16	Idaho	41	Oregon
17	Illinois	42	Pennsylvania
18	Indiana	44	Rhode Island
19	Iowa	45	South Carolina
20	Kansas	46	South Dakota
21	Kentucky	47	Tennessee
22	Louisiana	48	Texas
23	Maine	49	Utah
24	Maryland	50	Vermont
25	Massachusetts	51	Virginia
26	Michigan	53	Washington
27	Minnesota	54	West Virginia
28	Mississippi	55	Wisconsin
		56	Wyoming

Codes for Foreign Countries and Outlying Areas

<u>Outlying Areas</u>		<u>Code</u>	<u>Description of Codes</u>
01	At Sea	49	India
02	Abroad of American Parents	50	China
03	American Samoa	51	Japan
04	Canal Zone	52	Korea
05	Guam	53	Philippines
07	Virgin Islands	54	Other Asia
08	Other U.S. Possessions	55	Byelorussia S.S.R.
		56	Ukrainian S.S.R.
		57	Other U.S.S.R.
		58	Jordan
		59	Iran
		60	Canada
		61	Mexico
		62	Guatemala
		63	British Honduras
		64	Honduras
		65	Nicaragua
		66	El Salvador
		67	Costa Rica
		68	Panama
		69	Cuba
		70	Jamaica
		71	British West Indies
		72	Associated States
		73	Dominican Republic
		74	Haiti
		75	Other West Indies
		76	Trinidad and Tobago
		77	Venezuela
		78	Equador
		79	Peru
		80	Bolivia
		81	Brazil
		82	Paraguay
		83	Uruguay
		84	Chile
		85	Argentina
		86	Other Central & South America
		87	Columbia
		88	Northern Africa
		89	Central Africa
		90	Union of South Africa
		91	South Africa
		92	Other Africa
		93	Vietnam
		94	Azores
		95	Other Atlantic Islands
		96	Australia
		97	New Zealand
		98	Trust Territories of the Pacific (U.S. Administration)
		99	Other Pacific Islands
			Country not specified

<u>Foreign Countries</u>		<u>Code</u>
10	England	62
11	Scotland	63
12	Wales	64
13	Northern Ireland	65
14	Ireland (Erie)	66
15	Norway	67
16	Sweden	68
17	Denmark	69
18	Netherlands	70
19	Belgium	71
20	Switzerland	72
21	France	73
22	Germany	74
23	Poland	75
24	Czechoslovakia	76
25	Austria	77
26	Hungary	78
27	Yugoslavia	79
28	Latvia	80
29	Estonia	81
30	Lithuania	82
31	Finland	83
32	Rumania	84
33	Bulgaria	85
34	Greece	86
35	Italy	87
36	Spain	88
37	Portugal	89
38	Iceland	90
39	Luxembourg	91
40	Albania	92
41	Other Europe	93
42	Turkey	94
43	Syria	95
44	Lebanon	96
45	Israel	97
46	United Arab Republic	98
47	Other Southwest Asia	99
48	Pakistan	

MUNICIPIO GROUPS

- 00101 San Juan
- 00102 Remainder of San Juan SMSA: Cataño, Bayamón, Guaynabo,  
Carolina, Trujillo Alto
- 00103 Toa Alta, Toa Baja, Dorado, Vega Alta, Corozal,  
Barranquitas, Comerio, Naranjito, Loiza, Rio Grande,  
Luquillo, Fajardo, Ceiba, Culebra, Vieques
- 00200 Caguas, Aguas Buenas, Cidra, Aibonito, Cayey, San Lorenzo,  
Yabucoa, Humacao, Naguabo, Las Piedras, Juncos, Gurabo
- 00300 Arecibo, Hatillo, Camuy, Quebradillas, Lares, Utuado  
Ciales, Orocovis, Morovis, Vega Baja, Manatí,  
Barceloneta
- 00400 Ponce, Juana Diaz, Santa Isabel, Salinas, Guayama, Arroyo,  
Patillas, Maunabo, Coamo, Villalba, Jayuya, Adjuntas,  
Yauco, Guánica, Guayanilla, Peruelas
- 00500 Mayaguez, Hormigueros, Cabo Rojo, Lajas, San Germán,  
Sábana Grande, Maricao, Las Marias, San Sebastián,  
Moca, Isabel, Aguadilla, Aguada, Rincón, Anasco


Equivalency List for Municipio Codes (FIPS)\*  
and Municipio Group Codes

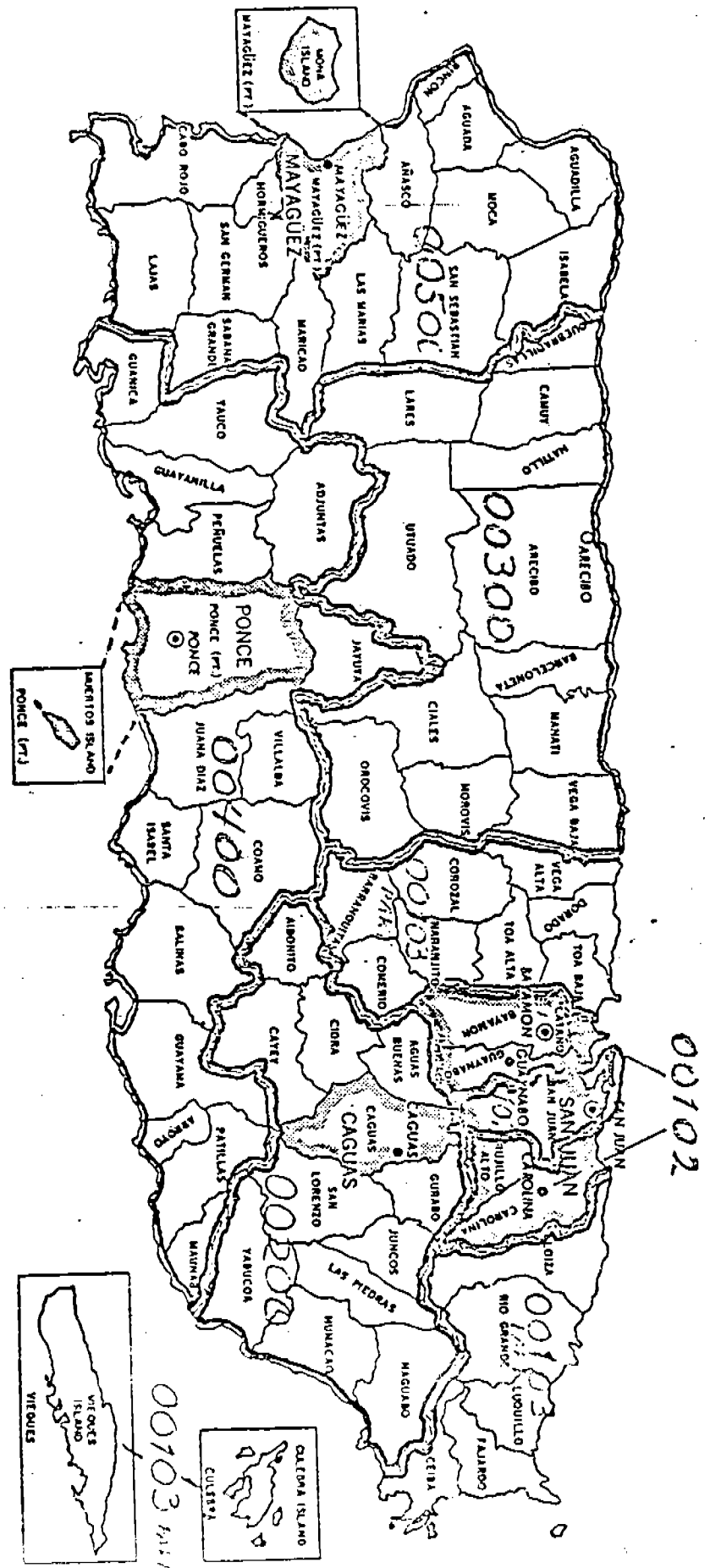
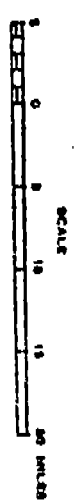
Municipio	FIPS Code	"Municipio Group" Code	Municipio	FIPS Code	"Municipio Group" Code
Adjuntas	001	00400	Las Marias	083	00500
Aguada	003	00500	Las Piedras	085	00200
Aguadilla	005	00500	Loiza	087	00103
Aguas Buenas	007	00200	Luquillo	089	00103
Aibonito	009	00200	Manati	091	00300
Anasco	011	00500	Maricao	093	00500
Arecibo	013	00300	Maunabo	095	00400
Arroyo	015	00400	Mayaguez	097	00500
Barceloneta	017	00300	Moca	099	00500
Barranquitas	019	00103	Morovis	101	00300
Bayamon	021	00102	Naguabo	103	00200
Cabo Rojo	023	00500	Naranjito	105	00103
Caguas	025	00200	Orocovis	107	00300
Camuy	027	00300	Patillas	109	00400
Carolina	031	00102	Penuelas	111	00400
Catano	033	00102	Ponce	113	00400
Cayey	035	00200	Quebradillas	115	00300
Ceiba	037	00103	Rincon	117	00500
Ciales	039	00300	Rio Grande	119	00103
Cidra	041	00200	Sabana Grande	121	00500
Coamo	043	00400	Salinas	123	00400
Comerio	045	00103	San German	125	00500
Corozal	047	00103	San Juan	127	00101
Culebra	049	00103	San Lorenzo	129	00200
Dorado	051	00103	Sań Sebastian	131	00500
Fajardo	053	00103	Santa Isabel	133	00400
Guanica	055	00400	Toa Alta	135	00103
Guayama	057	00400	Toa Baja	137	00103
Guayanilla	059	00400	Trujillo Alto	139	00102
Guaynabo	061	00102	Utuado	141	00300
Gurabo	063	00200	Vega Alta	143	00103
Hatillo	065	00300	Vega Baja	145	00300
Hormigueros	067	00500	Vieques	147	00103
Humacao	069	00200	Villalba	149	00400
Isabela	071	00500	Yabucoa	151	00200
Jayuya	073	00400	Yauco	153	00400
Juana Diaz	075	00400			
Juncos	077	00200			
Lajas	079	00500			
Lares	081	00300			

\*Municipio codes as used in 1970 Census of Puerto Rico computerized data products are consistent with the Federal Information Processing Standards (FIPS) for county codes.



MUNICIPAL GROUPS  
Identified on the 1970 Municipio Group Public Use Sample  
for Puerto Rico

- LEGEND**
- ⊙ Places of 100,000 or more inhabitants
  - Places of 50,000 to 100,000 inhabitants
  - Places of 25,000 to 50,000 inhabitants outside SMSA's
-  Standard Metropolitan Statistical Areas (SMSA's)



Questionnaire for the 1970  
Census of Puerto Rico

(English Translation)

FACSIMILE OF THE RESPONDENT  
INSTRUCTIONS FOR THE 100-PERCENT  
HOUSING QUESTIONS

- A. Mark only one circle. If you live in an apartment building, mark the circle that indicates the number of housing units in the building.
- H1. If there is a telephone, mark Yes and enter the telephone number, even if the telephone is in another apartment or building.
- H2. Mark the second circle only if you must go through someone else's living quarters to get to your own.
- H3. The cooking facilities do not have to be in the same building as the household. The facilities may be in another building, or outside on an open porch, patio, or on the ground.
- Also used by another household means that someone else who is not a member of your household also uses the cooking facilities. Mark this circle also if the occupants of living quarters now vacant would also use the cooking facilities.
- H4. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count kitchenettes, strip or pullman kitchens; utility rooms; or unfinished attics, basements, lean-tos, or other space used for storage.
- H5. Mark Yes, hot water even if you have it only part of the time.
- H6, H7. See instructions for H3 for meaning of also used by another household.
- H8. Owned or being bought means that the living quarters are owned outright or are mortgaged. Also mark owned or being bought if the living quarters are owned but the land is rented. Mark rented for cash rent if any money rent is paid. Rent may be paid by persons who are not members of your household. Occupied without payment of cash rent includes, for example, a parsonage, a house or apartment provided free of rent by a friend or relative, or a house or apartment occupied by a janitor or caretaker in exchange for services.
- H9b. A commercial establishment is easily recognized from the outside; for example, a grocery store or barber shop. A medical office is a doctor's or dentist's office regularly visited by patients.
- If your house is on a place of 3 acres or more and also contains a commercial establishment or medical office, mark Yes, 3 acres or more.
- H10. Include the value of the house, the land it is on, and any other structures on the same property. If the land is rented, estimate the combined value of the house and the land.
- H11. Report the rent agreed to or contracted for, even though the furnishings, utilities, or services are included.
- a. If rent is paid by the month, write in the amount and mark one circle.
- b. If rent is not paid by the month, answer both parts of b. For example, \$10 per week or \$300 per year.

FACSIMILE OF THE 1970 CENSUS QUESTIONNAIRE PAGE SHOWING THE 100-PERCENT HOUSING QUESTIONS

<p><b>A.</b> How many housing units, occupied or vacant, are there in this structure?</p> <p><input type="radio"/> 1 unit, detached from any other unit</p> <p><input type="radio"/> 1 unit, attached to one or more other units</p> <p><input type="radio"/> 2 units</p> <p><input type="radio"/> 3 or 4 units</p> <p><input type="radio"/> 5 to 9 units</p> <p><input type="radio"/> 10 to 19 units</p> <p><input type="radio"/> 20 to 49 units</p> <p><input type="radio"/> 50 or more units</p> <p><input type="radio"/> Mobile home or trailer</p>	<p><b>H9a.</b> Is this building a one-family house?</p> <p><input type="radio"/> Yes, a one-family house</p> <p><input type="radio"/> No, a building for 2 or more families or a mobile home or trailer <span style="float:right;">(Skip to H11)</span></p> <hr/> <p><b>H9b.</b> If "YES" — Is this house on a place of 3 cuerdas or more, or is any part of this property used as a commercial establishment or medical office?</p> <p><input type="radio"/> Yes, 3 cuerdas or more</p> <p><input type="radio"/> Yes, commercial establishment or medical office</p> <p><input type="radio"/> No, none of these</p>	<p style="text-align: center;"><b>FOR CENSUS TAKER'S USE ONLY</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:50%;">34. Block number</th> <th style="width:50%;">35. Serial number</th> </tr> </thead> <tbody> <tr><td>0</td><td>0</td></tr> <tr><td>1</td><td>0</td></tr> <tr><td>2</td><td>0</td></tr> <tr><td>3</td><td>0</td></tr> <tr><td>4</td><td>0</td></tr> <tr><td>5</td><td>0</td></tr> <tr><td>6</td><td>0</td></tr> <tr><td>7</td><td>0</td></tr> <tr><td>8</td><td>0</td></tr> <tr><td>9</td><td>0</td></tr> </tbody> </table>	34. Block number	35. Serial number	0	0	1	0	2	0	3	0	4	0	5	0	6	0	7	0	8	0	9	0
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<p><b>H1.</b> Is there a telephone on which people who live here can be called?</p> <p><input type="radio"/> Yes ————— What is the number?</p> <p><input type="radio"/> No ————— (Phone number)</p>	<p><b>H10.</b> If you live in a one-family house which you own or are buying —</p> <p>What is the value of this property; that is, how much do you think this property (house and land) would sell for if it were for sale? (If land is rented, estimate the value of the land and combine it with the value of the house.)</p> <p><input type="radio"/> Less than \$500</p> <p><input type="radio"/> \$500 to \$999</p> <p><input type="radio"/> \$1,000 to \$1,999</p> <p><input type="radio"/> \$2,000 to \$2,999</p> <p><input type="radio"/> \$3,000 to \$4,999</p> <p><input type="radio"/> \$5,000 to \$7,499</p> <p><input type="radio"/> \$7,500 to \$9,999</p> <p><input type="radio"/> \$10,000 to \$14,999</p> <p><input type="radio"/> \$15,000 to \$19,999</p> <p><input type="radio"/> \$20,000 to \$29,999</p> <p><input type="radio"/> \$30,000 or more</p>	<p><b>C.</b> Type of housing unit or living quarters</p> <p><u>Occupied</u></p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p><u>Vacant</u></p> <p><input type="radio"/> Regular</p> <p><input type="radio"/> Usual residence elsewhere</p> <p><u>Group Quarters</u></p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p>																						
<p><b>H2.</b> Do you enter your living quarters —</p> <p><input type="radio"/> Directly from the outside or through a common or public hall?</p> <p><input type="radio"/> Through someone else's living quarters?</p>	<p><b>H11.</b> Answer this question if you pay rent for your housing unit.</p> <p><i>and if you pay rent by the month —</i></p> <p>What is your monthly rent?</p> <p>Write the amount here — \$ _____ .00 (Nearest dollar)</p> <p style="text-align: center;"><b>AND</b></p> <p>Fill one circle here —→</p> <p><input type="radio"/> Less than \$10</p> <p><input type="radio"/> \$10 to \$19</p> <p><input type="radio"/> \$20 to \$29</p> <p><input type="radio"/> \$30 to \$39</p> <p><input type="radio"/> \$40 to \$49</p> <p><input type="radio"/> \$50 to \$59</p> <p><input type="radio"/> \$60 to \$69</p> <p><input type="radio"/> \$70 to \$79</p> <p><input type="radio"/> \$80 to \$89</p> <p><input type="radio"/> \$90 to \$99</p> <p><input type="radio"/> \$100 to \$119</p> <p><input type="radio"/> \$120 to \$149</p> <p><input type="radio"/> \$150 to \$199</p> <p><input type="radio"/> \$200 or more</p>	<p>For vacant housing unit also answer questions D, E, A, H2 to H7, and H9 to H11.</p> <p><b>D.</b> Vacancy status —</p> <p><u>Year round</u></p> <p><input type="radio"/> For rent</p> <p><input type="radio"/> For sale only</p> <p><input type="radio"/> Rented or sold, not occupied</p> <p><input type="radio"/> For occasional use</p> <p><input type="radio"/> Other vacant</p> <p><input type="radio"/> Seasonal</p>																						
<p><b>H3.</b> Do you have cooking facilities? (Include a range, stove, or portable cooking facilities if used regularly in the preparation of meals.)</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No cooking facilities</p>	<p><b>H7.</b> Is there a bathtub or shower in this structure?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No bathtub or shower.</p>	<p><b>E.</b> Months vacant</p> <p><input type="radio"/> Less than 1 month</p> <p><input type="radio"/> From 1 to 2 months</p> <p><input type="radio"/> From 2 to 6 months</p> <p><input type="radio"/> From 6 to 12 months</p> <p><input type="radio"/> From 1 year to 2 years</p> <p><input type="radio"/> 2 years or more</p>																						
<p><b>H4.</b> How many rooms do you have in your living quarters? (Count bedrooms, kitchen, living room, etc. but not the bathroom.)</p> <table style="width:100%;"> <tr> <td><input type="radio"/> 1 room</td> <td><input type="radio"/> 6 rooms</td> </tr> <tr> <td><input type="radio"/> 2 rooms</td> <td><input type="radio"/> 7 rooms</td> </tr> <tr> <td><input type="radio"/> 3 rooms</td> <td><input type="radio"/> 8 rooms</td> </tr> <tr> <td><input type="radio"/> 4 rooms</td> <td><input type="radio"/> 9 rooms or more</td> </tr> <tr> <td><input type="radio"/> 5 rooms</td> <td></td> </tr> </table>	<input type="radio"/> 1 room	<input type="radio"/> 6 rooms	<input type="radio"/> 2 rooms	<input type="radio"/> 7 rooms	<input type="radio"/> 3 rooms	<input type="radio"/> 8 rooms	<input type="radio"/> 4 rooms	<input type="radio"/> 9 rooms or more	<input type="radio"/> 5 rooms		<p><b>H5.</b> Is there hot and cold piped water in this structure?</p> <p><input type="radio"/> Yes, hot and cold piped water in this structure</p> <p><input type="radio"/> No, only cold piped water in this structure</p> <p><input type="radio"/> No piped water in this structure</p>	<p>C/O    0    0</p>												
<input type="radio"/> 1 room	<input type="radio"/> 6 rooms																							
<input type="radio"/> 2 rooms	<input type="radio"/> 7 rooms																							
<input type="radio"/> 3 rooms	<input type="radio"/> 8 rooms																							
<input type="radio"/> 4 rooms	<input type="radio"/> 9 rooms or more																							
<input type="radio"/> 5 rooms																								
<p><b>H5.</b> Is there a flush toilet in this structure?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No flush toilet</p>	<p><b>H6.</b> Is there a bathtub or shower in this structure?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No bathtub or shower.</p>																							
<p><b>H6.</b> Is your housing unit —</p> <p><input type="radio"/> Owned or being bought by you or someone else in this household? (Include all housing units that are owned or being bought, even if the land is rented. Do not include cooperatives or condominiums here.)</p> <p><input type="radio"/> A cooperative or condominium which is owned or being bought by you or someone else in this household?</p> <p><input type="radio"/> Rented for cash rent?</p> <p><input type="radio"/> Occupied without payment of cash rent?</p>	<p><b>H8.</b> If you do not pay monthly rent —</p> <p>What is your rent, and what period of time does it cover?</p> <p>\$ _____ .00 per _____ (Nearest dollar) (Week, half month, year, etc.)</p>																							

FACSIMILE OF THE 1970 CENSUS QUESTIONNAIRE PAGE SHOWING THE SAMPLE HOUSING QUESTIONS

<p><i>Ask questions H12 to H14 if housing unit is owned or being bought.</i></p> <p><b>H12.</b> Is the owner of the housing unit also owner of the land or does he rent the land?</p> <p><input type="radio"/> Owner or buying the land</p> <p><input type="radio"/> Pays rent for the land</p> <p><input type="radio"/> Does not pay rent for use of the land</p>		<p><b>H19.</b> What type of refrigerator do you have?</p> <p><input type="radio"/> Mechanical (electric or gas)</p> <p><input type="radio"/> Ice</p> <p><input type="radio"/> No refrigerator</p>	<p><b>H26.</b> Determine from the Address Register—Is this house on a farm?</p> <p><input type="radio"/> Yes, on a farm (Skip to H28)</p> <p><input type="radio"/> No, not on a farm</p>
<p><b>H13.</b> If the land is rented—What is the monthly rent for the land?</p> <p>\$ _____ .00</p> <p><i>(Nearest dollar)</i></p>		<p><b>H20.</b> Type of cooking facilities.</p> <p><input type="radio"/> Range or cookstove</p> <p><input type="radio"/> Portable cooking facilities</p> <p><input type="radio"/> No cooking facilities</p>	<p><b>H27.</b> If not on a farm—Do you produce any fruits or vegetables or keep any livestock on this place for home consumption?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p>
<p><b>H14.</b> Is there a mortgage on this property?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p>		<p><b>H21.</b> Location of cooking facilities.</p> <p><input type="radio"/> In this structure</p> <p><input type="radio"/> In another structure</p> <p><input type="radio"/> Outdoors</p> <p><input type="radio"/> No cooking facilities</p>	<p><b>H28.</b> Does this housing unit have electric lighting?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p>
<p><i>Ask question H15 if rented for cash rent.</i></p> <p><b>H15.</b> In addition to the rent (entered in H11), do you also pay for—</p> <p>a. Electricity?</p> <p><input type="radio"/> Yes, average monthly cost is—\$ _____ .00</p> <p><i>(Average monthly cost)</i></p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, electricity not used</p>		<p><b>H22.</b> Which fuel is used most for cooking?</p> <p><input type="radio"/> Wood</p> <p><input type="radio"/> Charcoal</p> <p><input type="radio"/> Utility gas</p> <p><input type="radio"/> Bottled or tank gas</p> <p><input type="radio"/> Electricity</p> <p><input type="radio"/> Kerosene, fuel oil, etc.</p> <p><input type="radio"/> Other fuel</p> <p><input type="radio"/> No fuel used</p>	<p><b>H29.</b> What means do you use to obtain water for your housing unit?</p> <p><input type="radio"/> Public system</p> <p><input type="radio"/> Individual well</p> <p><input type="radio"/> Cistern, tanks, or drums</p> <p><input type="radio"/> Irrigation canal</p> <p><input type="radio"/> Spring or other source (river, etc.)</p>
<p>b. Gas?</p> <p><input type="radio"/> Yes, average monthly cost is—\$ _____ .00</p> <p><i>(Average monthly cost)</i></p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, gas not used</p>		<p><b>H23.</b> How many bedrooms are there in this housing unit? (Count rooms used mainly for sleeping even if used also for other purposes.)</p> <p><input type="radio"/> No bedrooms</p> <p><input type="radio"/> 1 bedroom</p> <p><input type="radio"/> 2 bedrooms</p> <p><input type="radio"/> 3 bedrooms</p> <p><input type="radio"/> 4 bedrooms</p> <p><input type="radio"/> 5 bedrooms or more</p>	<p><b>H30.</b> Is this structure connected to a public sewer?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No, use septic tank</p> <p><input type="radio"/> No, use other means</p>
<p>c. Water?</p> <p><input type="radio"/> Yes, yearly cost is—\$ _____ .00</p> <p><i>(Yearly cost)</i></p> <p><input type="radio"/> No, included in rent or no charge</p>		<p><b>H24.</b> Type of construction.</p> <p>Masonry walls (poured concrete, concrete blocks, stone, ornamental blocks, etc.)</p> <p><input type="radio"/> With concrete slab roof</p> <p><input type="radio"/> With wood frame roof</p> <p>Wood frame walls</p> <p><input type="radio"/> With masonry foundation, poured concrete, etc.</p> <p><input type="radio"/> With wood base foundation</p> <p><input type="radio"/> Other type of construction</p>	<p><b>H31.</b> Do you have a television set? (Count sets in working order)</p> <p><input type="radio"/> 1 set</p> <p><input type="radio"/> 2 or more sets</p> <p><input type="radio"/> None</p>
<p>d. Oil, kerosene, charcoal, wood, etc.?</p> <p><input type="radio"/> Yes, yearly cost is—\$ _____ .00</p> <p><i>(Yearly cost)</i></p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, these fuels not used</p>		<p><b>H16.</b> Location and type of toilet</p> <p><input type="radio"/> Flush toilet inside structure</p> <p><input type="radio"/> Flush toilet outside structure, for this household only</p> <p><input type="radio"/> Flush toilet outside structure, also used by another household</p> <p><input type="radio"/> Privy</p> <p><input type="radio"/> No flush toilet or privy</p>	<p><b>H32a.</b> Do you have a radio? (Include car radios)</p> <p><input type="radio"/> 1 or more</p> <p><input type="radio"/> None</p>
<p><b>H17.</b> Location of piped water</p> <p><input type="radio"/> Inside structure</p> <p><input type="radio"/> Outside structure, on property</p> <p><input type="radio"/> Outside structure, on street, road or highway</p> <p><input type="radio"/> No piped water</p>		<p><b>H25.</b> About when was this structure originally built? (Mark when this structure was constructed for the first time, not when it was remodeled, added to, etc.)</p> <p><input type="radio"/> 1969 or 1970</p> <p><input type="radio"/> 1965 to 1968</p> <p><input type="radio"/> 1960 to 1964</p> <p><input type="radio"/> 1950 to 1959</p> <p><input type="radio"/> 1940 to 1949</p> <p><input type="radio"/> 1939 or earlier</p>	<p><b>H32b.</b> Is any of these battery-operated?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p>
<p><b>H18.</b> Does this housing unit have a kitchen sink with piped water?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p>		<p><b>H33.</b> How many passenger cars are owned or used regularly by members of this household? (Include company-owned automobiles kept at home.)</p> <p><input type="radio"/> None</p> <p><input type="radio"/> 1 automobile</p> <p><input type="radio"/> 2 or more automobiles</p>	<p><b>H3.</b> Condition of this housing unit—</p> <p>Original construction adequate</p> <p><input type="radio"/> Sound</p> <p><input type="radio"/> Deteriorating</p> <p><input type="radio"/> Dilapidated</p> <p><input type="radio"/> Original construction inadequate</p>

(English Translation)

FACSIMILES OF THE POPULATION QUESTIONS ON THE 1970 CENSUS QUESTIONNAIRES  
(Questions on this page appeared on both the 80-percent and 20-percent questionnaires)

<p><b>1. WHAT IS THE NAME OF EACH PERSON</b> who was living here on Wednesday, April 1, 1970 or who was staying or visiting here and had no other home?</p> <p style="margin-left: 40px;"><i>Print names in this order</i></p> <ul style="list-style-type: none"> <li><i>Head of the household</i></li> <li><i>Wife of head</i></li> <li><i>Unmarried children, oldest first</i></li> <li><i>Married children and their families</i></li> <li><i>Other relatives of the head</i></li> <li><i>Persons not related to the head</i></li> </ul> <p style="font-size: small; margin-left: 10px;">Line No. _____</p>	<p><b>2. HOW IS EACH PERSON RELATED TO THE HEAD OF THIS HOUSEHOLD?</b></p> <p><i>Fill one circle.</i></p> <p><i>If "Other relative of head," also give exact relationship, for example, mother-in-law, brother, niece, grandson, etc.</i></p> <p><i>If "Other not related to head," also give exact relationship, for example, partner, roomer's wife, maid, boarder's daughter, etc.</i></p>
<p>① Last name _____</p> <p>First name _____ Middle initial _____</p>	<p> <input type="radio"/> Head of household      <input type="radio"/> Roomer, boarder, lodger  <input type="radio"/> Wife of head      <input type="radio"/> Patient or inmate  <input type="radio"/> Son or daughter of head      <input type="radio"/> Other not related to head—  <input type="radio"/> Other relative of head — <i>Print exact relationship</i> → _____ <i>Print exact relationship</i> → _____         </p>

3. SEX	DATE OF BIRTH				7. MARITAL STATUS
	4. Month and year of birth and age last birthday	5. Month of birth	6. Year of birth		
Fill one circle	Print	Fill one circle	Fill one circle for first three numbers	Fill one circle for last number	Is this person now —
<p>Male <input type="radio"/></p> <p>Female <input type="radio"/></p>	<p>Month _____</p> <p>Year _____</p> <p>Age _____</p>	<p><input type="radio"/> January—March</p> <p><input type="radio"/> April—June</p> <p><input type="radio"/> July—September</p> <p><input type="radio"/> October—December</p>	<p><input type="radio"/> 186-    <input type="radio"/> 192-</p> <p><input type="radio"/> 187-    <input type="radio"/> 193-</p> <p><input type="radio"/> 188-    <input type="radio"/> 194-</p> <p><input type="radio"/> 189-    <input type="radio"/> 195-</p> <p><input type="radio"/> 190-    <input type="radio"/> 196-</p> <p><input type="radio"/> 191-    <input type="radio"/> 197-</p>	<p><input type="radio"/> 0    <input type="radio"/> 5</p> <p><input type="radio"/> 1    <input type="radio"/> 6</p> <p><input type="radio"/> 2    <input type="radio"/> 7</p> <p><input type="radio"/> 3    <input type="radio"/> 8</p> <p><input type="radio"/> 4    <input type="radio"/> 9</p>	<p><input type="radio"/> Married?</p> <p><input type="radio"/> Consensually married?</p> <p><input type="radio"/> Widowed?</p> <p><input type="radio"/> Divorced?</p> <p><input type="radio"/> Separated?</p> <p><input type="radio"/> Single?</p>

FACSIMILES OF THE RESPONDENT INSTRUCTIONS FOR POPULATION QUESTIONS 1 TO 7

**Question 1.** If you are not sure about whether to list a person, see the rules on the flap of the census form.

**Question 2.** If two or more unrelated people live together and share the rent, mark the first one you list "Head of the household." Mark the rest "Other not related to head" and print "partner" in the space.

A stepchild or legally adopted child of the head should be marked "son or daughter of the head."

**Question 4.** If the month or year of birth, or the age, is not known, give your best estimate.

**Questions 5, 6.** If you are not sure how to fill these circles, look at the examples shown above.

**Question 7.** If the person's only marriage was annulled, mark "single."

REPRODUCED AT THE NATIONAL ARCHIVES

(English Translation)

**FACSIMILES OF THE POPULATION QUESTIONS ON THE 1970 CENSUS QUESTIONNAIRES**  
 (Questions on this page appeared only on the 20-percent questionnaires)

Name of person on line (1) of page 2 <hr style="border-top: 1px dashed black;"/> Last name                      First name                      Initial
12. Where was this person born? <i>If born in a hospital, give residence of the mother, not location of hospital.</i>  <i>If born in Puerto Rico, mark the circle, or write the name of the municipio. If born outside of Puerto Rico, give State or territory of the United States or foreign country.</i>  <input type="radio"/> This municipio Other: _____ <i>(Municipio, State, territory, or foreign country)</i>
13. Where was his father born? <input type="radio"/> P. R. Other: _____ <i>(State, foreign country, etc.)</i>
14. Where was his mother born? <input type="radio"/> P. R. Other: _____ <i>(State, foreign country, etc.)</i>
15. Does this person know how to read and write? (in any language)  <input type="radio"/> Yes <input type="radio"/> No
16. Can this person speak English?  <input type="radio"/> Yes <input type="radio"/> No
17. When did this person move into this house (or apartment)? <i>(Mark circle for date of last move.)</i>  <input type="radio"/> 1969 or 1970 <input type="radio"/> 1960 to 1964 <input type="radio"/> 1968 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1967 <input type="radio"/> 1949 or earlier <input type="radio"/> 1965 or 1966 <input type="radio"/> Always lived here
18a. Was this person living here on April 1, 1965? <i>(If in college or Armed Forces in April 1965, report place of residence there.)</i>  <input type="radio"/> Born in April 1965 or later <i>(Skip to 19)</i> <input type="radio"/> Yes, in this house <i>(Skip to 18c)</i> <input type="radio"/> No, in another house

18b. Where did he live on April 1, 1965?  
**OUTSIDE OF PUERTO RICO:**  
 (1) \_\_\_\_\_  
*(State, territory, foreign country)*  
**IN PUERTO RICO:**  
 (2) \_\_\_\_\_  
*(Municipio, barrio)*  
 (3) Inside the limits of a city, town or village?  
 Yes                                       No  
 (4) \_\_\_\_\_  
*(Name of city, town or village)*

18c. During the last 5 years, did he live in the United States at any time for 6 months or more?  
 Yes                                       No *(Skip to 19)*

18d. What year did he return to Puerto Rico last time?  
 1965                                       1968  
 1966                                       1969 or 1970  
 1967

18e. How long did he live in the United States (the last time)?  
 6 months to one year                       Three or four years  
 One or two years                               Five years or more

18f. When he lived in the United States, was he — :  
*(Mark the appropriate circles)*  
 Working at a job or business (full or part-time)                        
 In the Armed Forces                                        
 Attending school or college                                        
 Doing something else (housework, retired, etc.)                     

19. Since February 1, 1970, has this person attended regular school or college at any time?  
 No  
 Yes, public school or college  
 Yes, parochial school or college  
 Yes, other private school

20. What is the highest grade (or year) of regular school he has ever attended?  
*(If now attending, mark grade he is in)*  
 Never attended school *(Skip to 22)*  
 Nursery school  
 Kindergarten  
 Elementary through high school  
                
 1 2 3 4 5 6 7 8 9 10 11 12  
 College or university (academic year)  
       
 1 2 3 4 5 6 or more

REPRODUCED AT THE NATIONAL ARCHIVES

(English Translation)

FACSIMILES OF THE POPULATION QUESTIONS ON THE 1970 CENSUS QUESTIONNAIRES  
(Questions on this page appeared only on the 20-percent questionnaires)

<p>21. Did he finish the highest grade (or year) he attended?</p> <p><input type="radio"/> Now attending this grade  <input type="radio"/> Finished this grade  <input type="radio"/> Did not finish this grade</p> <hr/> <p>22. When was this person born?</p> <p><input type="radio"/> Before April 1956  <input type="radio"/> Born April 1956 or later (<i>Interview next person</i>)</p> <hr/> <p>23. If this is a girl or a woman —          How many babies has she ever had, not counting stillbirths, stepchildren, or adopted children?</p> <p>1 2 3 4 5 6 7 8 9 10 11 12 or more None  <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <hr/> <p>24. If this person is a man —          Has he at some time served in the Army, Navy, or other Armed Forces of the United States?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <p><i>(Fill the circle for each period of service)</i></p> <p>Vietnam conflict (Since Aug. 1964) <input type="radio"/>          Korean War (June 1950 to Jan. 1955) <input type="radio"/>          World War II (Sept. 1940 to July 1947) <input type="radio"/>          World War I (April 1917 to Nov. 1918) <input type="radio"/>          Any other time <input type="radio"/></p> <hr/> <p>25a. Has this person ever completed a vocational training program? (<i>For example, in high school; as apprentice; in school of business, nursing, or industrial; technical institute, or Armed Forces schools.</i>)</p> <p><input type="radio"/> Yes <input type="radio"/> No (<i>Skip to 26</i>)</p> <hr/> <p>25b. What was his main field of training? (<i>Fill one circle</i>)</p> <p><input type="radio"/> Business, office work  <input type="radio"/> Nursing, other health field  <input type="radio"/> Trades and crafts (mechanic, electrician, barber, etc.)  <input type="radio"/> Engineering, draftsman  <input type="radio"/> Agriculture or home economics  <input type="radio"/> Other field —          Specify: _____</p> <hr/> <p>26a. Did this person work at any time last week? <i>Include part-time work such as a Saturday job, home needwork, or helping without pay in a family business or farm, and active duty in the Armed Forces. Do not include own housework.</i></p> <p><input type="radio"/> Yes (<i>Continue with 26b</i>)  <input type="radio"/> No (<i>Skip to 27</i>)</p>	<p>26b. How many hours did this person work <u>last week</u>? (at all jobs)</p> <p><input type="radio"/> 1 to 14 hours <input type="radio"/> 40 hours  <input type="radio"/> 15 to 29 hours <input type="radio"/> 41 to 48 hours  <input type="radio"/> 30 to 34 hours <input type="radio"/> 49 to 59 hours  <input type="radio"/> 35 to 39 hours <input type="radio"/> 60 hours or more</p> <hr/> <p>26c. Where did he work <u>last week</u>? (<i>If he worked at more than one place, indicate the place where he worked most last week.</i>)</p> <p>(1) Address — Number and street name → _____          (2) Name of city, town, village, etc. _____          (3) Inside the limits of this city, town, village, etc.?  <input type="radio"/> Yes <input type="radio"/> No          (4) Barrio _____          (5) Municipio _____          (6) Zip code _____</p> <hr/> <p>26d. What means of transportation did he use to get to work? (<i>Mark the most recently used one.</i>)</p> <p><input type="radio"/> Driver, private car <input type="radio"/> Taxi  <input type="radio"/> Passenger, private car <input type="radio"/> Walked only  <input type="radio"/> Bus <input type="radio"/> Worked at home  <input type="radio"/> Public car <input type="radio"/> Other means → _____  <input type="radio"/> Ferry boat <input type="radio"/> Specify _____</p> <hr/> <p>27. Does this person have a job or business from which he was temporarily absent or on layoff <u>last week</u>?</p> <p><input type="radio"/> Yes, on layoff  <input type="radio"/> Yes, on vacation, temporary illness, labor dispute, etc.  <input type="radio"/> No</p> <hr/> <p>28a. Has he been looking for work during the past 4 weeks?</p> <p><input type="radio"/> Yes <input type="radio"/> No (<i>Skip to 29</i>)</p> <hr/> <p>28b. Was there any reason why he could not take a job <u>last week</u>?</p> <p><input type="radio"/> Yes, already has a job  <input type="radio"/> Yes, due to this person's illness  <input type="radio"/> Yes, for other reasons  <input type="radio"/> No, could have taken a job</p> <hr/> <p>29. When did he last work at all, even for a few days?</p> <p><input type="radio"/> In 1970 <input type="radio"/> 1960-1963  <input type="radio"/> In 1969 <input type="radio"/> 1959 or earlier } (<i>Skip to 25</i>)  <input type="radio"/> In 1968 <input type="radio"/> Never worked  <input type="radio"/> 1964-1967</p>
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(English Translation)

FACSIMILES OF THE POPULATION QUESTIONS ON THE 1970 CENSUS QUESTIONNAIRES  
(Questions on this page appeared only on the 20-percent questionnaires)

<p>30-32. Show in questions 30-32 this person's job or business during the last week. If he had no job or business last week, give information for most recent job or business since 1960.</p>	<p>33b. How many weeks did he work in 1969, either full-time or part-time? (Count paid vacation, paid sick leave, and military service.)</p> <p> <input type="radio"/> 13 weeks or less      <input type="radio"/> 40 to 47 weeks  <input type="radio"/> 14 to 26 weeks      <input type="radio"/> 48 to 49 weeks  <input type="radio"/> 27 to 39 weeks      <input type="radio"/> 50 to 52 weeks         </p>
<p>30a. For whom did he work?    <input type="radio"/> Now serving in the Armed Forces (Skip to 33)</p> <p>----- (Name of company, business, organization, or other employer)</p>	<p>34a. How much did this person earn during 1969 in wages, salary, commissions, bonuses, or tips from all jobs? (Before deductions for taxes, etc.)</p> <p>\$ _____ .00      <input type="radio"/> None (Nearest dollar)</p>
<p>30b. What kind of business or industry was this?</p> <p>----- (For example: Junior high school, retail supermarket, TV and radio service, dairy farm, sugar mill, etc.)</p>	<p>34b. How much did he earn in 1969 from his own business, professional practice, or partnership? (Net amount after operating expenses.)</p> <p>\$ _____ .00      <input type="radio"/> None (Nearest dollar)</p>
<p>30c. Is this business or industry mainly —</p> <p> <input type="radio"/> Manufacturing              <input type="radio"/> Wholesale trade  <input type="radio"/> Retail trade                  <input type="radio"/> Other (agriculture, construction, government, service, etc.)         </p>	<p>34c. How much did he earn in 1969 from his own farm? (Net amount after operating expenses.)</p> <p>\$ _____ .00      <input type="radio"/> None (Nearest dollar)</p>
<p>31a. What kind of work was he doing?</p> <p>----- (For example: TV repairman, seamstress, civil engineer, farm operator, junior high school English teacher, etc.)</p>	<p>35a. How much did this person receive in 1969 from Social Security or retirement?</p> <p>\$ _____ .00      <input type="radio"/> None (Nearest dollar)</p>
<p>31b. What were the most important activities or duties?</p> <p>----- (For example: Types, keeps account books, filing, selling cars, janitor, bricklayer, etc.)</p>	<p>35b. How much money did he receive in 1969 from public assistance or welfare payments? (Include aid to minors, old age assistance, general assistance, aid to the blind or totally disabled. Exclude separate payments for hospital or other medical care.)</p> <p>\$ _____ .00      <input type="radio"/> None (Nearest dollar)</p>
<p>32. <u>Class of worker:</u> Mark from the information in 30-31, or ask if not clear.</p> <p> <input type="radio"/> Employee of <u>private</u> company, business, or individual, for wages, salary, or commissions  <input type="radio"/> Employee of <u>Federal</u> government  <input type="radio"/> Employee of <u>Commonwealth</u> government  <input type="radio"/> Employee of <u>municipal</u> government  <input type="radio"/> <u>Self-employed</u>, in own business, farm, etc.?  <input type="radio"/> Own business not incorporated  <input type="radio"/> Own business incorporated  <input type="radio"/> Work <u>without pay</u> in a family business or farm         </p>	<p>35c. How much did he receive in 1969 from other sources? (Include interests, dividends, veterans' payments, pensions and other regular payments.)</p> <p>\$ _____ .00      <input type="radio"/> None (Nearest dollar)</p>
<p>33a. During last year (1969), did this person work at all, even for a few days?</p> <p> <input type="radio"/> Yes                      <input type="radio"/> No (Skip to 35)         </p>	



(English Translation)

FACSIMILES OF THE POPULATION QUESTIONS ON THE 1970 CENSUS QUESTIONNAIRES  
(Questions on this page appeared only on the 20-percent questionnaires)

<p>30-32. Show in questions 30-32 this person's job or business during the last week. If he had no job or business last week, give information for most recent job or business since 1960.</p>	<p>33b. How many weeks did he work in 1969, either full-time or part-time? (Count paid vacation, paid sick leave, and military service.)</p> <p> <input type="radio"/> 13 weeks or less      <input type="radio"/> 40 to 47 weeks  <input type="radio"/> 14 to 26 weeks      <input type="radio"/> 48 to 49 weeks  <input type="radio"/> 27 to 39 weeks      <input type="radio"/> 50 to 52 weeks         </p>
<p>30a. For whom did he work?    <input type="radio"/> Now serving in the Armed Forces (Skip to 33)</p> <p>----- (Name of company, business, organization, or other employer)</p>	<p>34a. How much did this person earn during 1969 in wages, salary, commissions, bonuses, or tips from all jobs? (Before deductions for taxes, etc.)</p> <p>\$ _____ .00      <input type="radio"/> None (Nearest dollar)</p>
<p>30b. What kind of business or industry was this?</p> <p>----- (For example: Junior high school, retail supermarket, TV and radio service, dairy farm, sugar mill, etc.)</p>	<p>34b. How much did he earn in 1969 from his own business, professional practice, or partnership? (Net amount after operating expenses.)</p> <p>\$ _____ .00      <input type="radio"/> None (Nearest dollar)</p>
<p>30c. Is this business or industry mainly —</p> <p> <input type="radio"/> Manufacturing                      <input type="radio"/> Wholesale trade  <input type="radio"/> Retail trade                              <input type="radio"/> Other (agriculture, construction, government, service, etc.)         </p>	<p>34c. How much did he earn in 1969 from his own farm? (Net amount after operating expenses.)</p> <p>\$ _____ .00      <input type="radio"/> None (Nearest dollar)</p>
<p>31a. What kind of work was he doing?</p> <p>----- (For example: TV repairman, seamstress, civil engineer, farm operator, junior high school English teacher, etc.)</p>	<p>35a. How much did this person receive in 1969 from Social Security or retirement?</p> <p>\$ _____ .00      <input type="radio"/> None (Nearest dollar)</p>
<p>31b. What were the most important activities or duties?</p> <p>----- (For example: Types, keeps account books, filing, selling cars, janitor, bricklayer, etc.)</p>	<p>35b. How much money did he receive in 1969 from public assistance or welfare payments? (Include aid to minors, old age assistance, general assistance, aid to the blind or totally disabled. Exclude separate payments for hospital or other medical care.)</p> <p>\$ _____ .00      <input type="radio"/> None (Nearest dollar)</p>
<p>32. <u>Class of worker:</u> Mark from the information in 30-31, or ask if not clear.</p> <p> <input type="radio"/> Employee of <u>private</u> company, business, or individual, for wages, salary, or commissions  <input type="radio"/> Employee of <u>Federal government</u>  <input type="radio"/> Employee of <u>Commonwealth government</u>  <input type="radio"/> Employee of <u>municipal government</u>  <u>Self-employed, in own business, farm, etc.?</u>  <input type="radio"/> Own business not incorporated  <input type="radio"/> Own business incorporated  <input type="radio"/> Work without pay in a family business or farm         </p>	<p>35c. How much did he receive in 1969 from other sources? (Include interests, dividends, veterans' payments, pensions and other regular payments.)</p> <p>\$ _____ .00      <input type="radio"/> None (Nearest dollar)</p>
<p>33a. During last year (1969), did this person work at all, even for a few days?</p> <p> <input type="radio"/> Yes                                      <input type="radio"/> No (Skip to 35)         </p>	

Definitions and explanations of items unique to the Puerto Rico Census.

HOUSING ITEMS

Excerpted from HC(1)-B for Puerto Rico, Appendix B.

**STRUCTURAL AND PLUMBING CHARACTERISTICS**

**Cooking facilities.**—(See facsimiles of questionnaire item H3 and instructions on pages App-22 and App-26.) Cooking facilities consist of: (1) a permanently installed range or cookstove (electric, gas, any other fuel), whether or not it is used regularly, or (2) portable cooking equipment such as a hotplate or portable electric appliances (electric skillet, electric grill, etc.) if used for the regular preparation of meals. The cooking facilities may be in the same structure as the housing unit, or in another structure on the same property, or outdoors. The facilities are for the exclusive use of the occupants (shown on the questionnaire as "for this household only") when they are used only by occupants of the unit being enumerated, including any who are not related to the head of the household. Vacant units are considered to have cooking equipment if the last occupants had such equipment.

**Type of cooking facilities.**—(See facsimile of questionnaire item H20 on page App-24.) A range or cookstove is counted whether or not it is used regularly. Portable cooking equipment such as a hotplate or portable electric appliances is counted as cooking facilities only if used regularly for preparation of meals; if not used regularly it is classified as "No cooking facilities."

**Location of cooking facilities.**—(See facsimile of questionnaire item H21 on page App-24.) The category "in another structure" refers to cooking facilities, not in the same structure as the housing unit, which are enclosed by walls and covered by a roof. Cooking facilities are classed as "outdoors" if not enclosed by walls even though they are covered by a roof; canvas sides are not considered as walls.

**Kitchen sink.**—(See facsimile of questionnaire item H18 on page App-24.) By definition, a kitchen sink must be connected to piped water. A unit is counted as having a kitchen sink if so connected, even though it drains onto the surface of the ground rather than into a sewer or septic tank.

**Type of construction.**—(See facsimile of questionnaire item H24 on page App-24.) Units are classified according to the construction of the major part of the structure. Masonry refers to walls of poured concrete, concrete or cinder blocks, stone, brick, or other masonry material. Units in structures with masonry walls are classified by type of roof—a "concrete slab roof" over the main part of the structure or a "wood frame roof" over the main part. A wood frame roof may be covered by sheet metal, wood with asphalt shingles, or other material.

In units with wood walls, the basic supporting material of the outer walls is wood, which may be covered with wood or metal siding, stucco, gypsum board, or other materials. A "masonry foundation" most commonly is poured concrete or concrete block; it may be stone or other masonry material, or concrete posts or columns. A "wood base" foundation ordinarily consists of wood posts.

"Other type" of construction is anything not described above. It includes makeshift construction, buildings of mixed types of construction, and mobile homes.

**Condition and plumbing facilities.**—In this report, the availability of certain plumbing facilities is presented in combination with the condition of the housing unit. For condition, the enumerators classified each housing unit into one of four categories: sound, deteriorating, dilapidated, or of inadequate original construction. The plumbing facilities that are combined with condition are: piped water in structure, flush toilet, and bathtub or shower.

**Condition.**—(See facsimile of questionnaire item H34 on page App-24.) The enumerators assigned the condition classification by observation, on the basis of instructions regarding the extent, degree and type of visible defects. The criteria dealt mainly with weather tightness, extent of disrepair, and inadequate or makeshift construction. Defects which would be revealed only by a more thorough inspection than is possible during a census, or would be recognized only by a person with fairly thorough knowledge of construction, were not included in the standards by which condition was rated.

The enumerators were instructed to judge each unit on the basis of its own physical characteristics, regardless of the neighborhood, the attractiveness or dreariness of the unit, the degree of crowding, the house-keeping standards of the occupants, or other considerations unrelated to physical condition.

"Sound" housing was defined as having no defects or only slight defects of a type normally corrected in the course of regular maintenance. Examples are: slight damage to doors or shutters; a broken or detached downspout or roof gutter; small cracks in walls.

"Deteriorating" housing has intermediate defects which need repairs beyond the scope of ordinary maintenance. Examples include rotted, broken, or missing material over a small area of the walls or roof, a shaky or unsafe porch or steps, a badly rusted or leaking roof, several broken windowpanes.

A "dilapidated" unit no longer provides safe and adequate shelter. It has one or more critical defects, such as broken or missing material over a large area of the foundation, exterior walls, floors, etc., or a badly sagging roof or floors, or extensive termite damage, or has a large number of intermediate serious defects.

"Original construction inadequate" applies to units built largely of makeshift or scrap material (scrap lumber or sheet metal, panels salvaged from abandoned industrial equipment, etc.) or having no foundation and resting directly on the ground, or having a dirt floor. The term also applies to shacks, huts, sheds, and similar buildings not suitable for residential use, and tents, used as a place of residence.

Plumbing facilities.—(See facsimiles of questionnaire items H5, H6, and H7 and instructions on pages App-22 and App-26.) The category "with all plumbing facilities" consists of units which have piped water (either hot and cold or only cold) inside the structure as well as a flush toilet and a bathtub or shower inside the structure for the exclusive use of the occupants of the unit. Units "lacking some or all facilities" are without a flush toilet or without a bathtub or shower in the structure, or have a flush toilet or a bathtub or shower which is also used by the occupants of another housing unit, or do not have piped water in the structure.

Data are also shown separately for each of the plumbing facilities: piped water in structure, flush toilet, and bathtub or shower.

Location of piped water.—(See facsimile of questionnaire item H17 on page App-24.) "On property" refers to piped water outside the structure which may be in another building (either residential or nonresidential) on the same property, or may be outdoors on the property, as a yard hydrant. "On street, road, or highway" refers to units without piped water on the property which can obtain it at a street hydrant or flowing pipe not more than 500 feet away. "None" means that water is obtained from a non-piped supply such as a spring or a hand pump, or else that piped water is obtained from another property or from a street hydrant more than 500 feet from the unit.

Location and type of toilet.—(See facsimile of questionnaire item H16 on page App-24.) To be counted, a flush toilet outside the structure had to be available to the household members and on the same property. It could be in another residential building, in a building for retail or other nonresidential activity, or in a small structure of its own.

Source of water.—(See facsimile of questionnaire item H29 on page App-24.) "A public system" refers to a common source supplying running water to six or more houses or apartments. In the great majority of cases this is the Aqueduct and Sewer Authority, but it may be a private well which supplies six or more houses or apartments. If a well provides water for five or fewer houses or apartments, it is classified as an "individual well." "Irrigation canal" means that the water comes from any part of an irrigation distribution system.

Sewage disposal.—(See facsimile of questionnaire item H30 on page App-24.) A "public sewer" is a part of the Aqueduct and Sewer Authority system. A "septic tank or cesspool" is an underground tank or pit used for disposal of sewage. Units for which sewage is disposed of in any other way make up the "other" category.

#### EQUIPMENT, FUEL, AND APPLIANCES

Electric lighting.—(See facsimile of questionnaire item H28 on page App-24.) A housing unit is classified as having electric lighting if wired for such lighting, even though the current has been shut off at the time of enumeration because the unit is vacant or bills have not been paid.

Refrigerator.—(See facsimile of questionnaire item H19 on page App-24.) The refrigerator can be in the housing unit or in a different structure on the same property.

Cooking fuel.—(See facsimile of questionnaire item H22 on page App-24.) The category "gas" in the tables consists of two categories on the enumeration schedule—utility gas and bottled or tank gas. Utility gas is piped in from a central system through underground pipes which serve the neighborhood. Bottled or tank gas is stored under pressure in tanks on or close to the property, which are refilled or exchanged when empty. The two types of gas were combined for publication because utility gas rather than bottled or tank gas was reported for a considerable number of housing units in localities where utility gas was not available. The category "kerosene, fuel oil, etc." includes all combustible liquids used as fuel.

Television.—(See facsimile of questionnaire item H31 on page App-24.) Sets of all kinds are included in the count—floor, table, built-in, portable, and combination with radio or phonograph, whether "black and white" or "color."

Radio.—(See facsimile of questionnaire item H32 on page App-24.) The question applies to radios of any kind except sending-receiving sets and crystal sets, if in good order or being repaired or (in the case of battery-operated radios) needing only a new battery to be operable. It includes floor models, table models, combinations with other appliances (clocks, television sets, record players, anything else), automobile radios, and portable radios owned by any member of the household.

Automobile radios, portable radios, and any other radios that will operate on batteries (including those which operate also on house current) are counted as battery-operated radios.

Food raised for home use.—(See facsimile of questionnaire item H27 on page App-24.) The question regarding home-produced foods was asked at occupied non-farm units, urban as well as rural. Animal and poultry products (milk, eggs, etc., as well as meats) were included, as were fruits and vegetables.

## FINANCIAL CHARACTERISTICS

Value.—(See facsimiles of questionnaire item H10 and instructions on pages App-22 and App-26.) Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale. The value estimate includes the lot, whether owned, rented, or rent free. The statistics on value are shown only for

Land tenure.—(See facsimile of questionnaire item H12 on page App-24.) Owner-occupied housing units for which value is tabulated are further classified as "unit and land owned," "unit owned, land rented," and "unit owned, land rent free" according to the tenure of the land on which the housing unit is situated; in the case of "unit owned, land rent free," the owner of the housing unit may have authorized or unauthorized use of the land.

Monthly land rent.—(See facsimile of questionnaire item H13 on page App-24.) This item is tabulated for owner-occupied units on rented land.

Mortgage.—(See facsimile of questionnaire item H14 on page App-24.) A mortgage (including deed of trust, contract for deed, land sales contract) is defined as any form of debt in which the property is pledge as security for repayment.

Definitions and explanations of items unique to the Puerto Rico census.

POPULATION ITEMS

Excerpted from PC(1)-C for Puerto Rico, Appendix B.

**NATIVITY**

Nativity.—Information on place of birth is used to classify the population of Puerto Rico into two major categories: native and foreign born. The category "native" comprises persons born in the Commonwealth of Puerto Rico, in the United States, in an outlying area of the United States, or at sea. Also included in this category is the small number of persons who, although they were born in a foreign country, have at least one native American parent. When information on place of birth was missing, nativity was assigned on the basis of related information. In previous censuses, persons for whom nativity was not reported were generally classified as native. Persons not classified as native are classified as "foreign born."

**ABILITY TO READ AND WRITE**

The data on ability to read and write were derived from answers to question 15 (see facsimile of the questionnaire item on page App-62). These data were tabulated for the population 10 years old and over. Ability to read and write was not limited to any particular language. Consequently the category, able to read and write, includes persons who are able to read and write in Spanish, French, German, etc., as well as those who are able to read and write in English. Persons who could write only their own names were classified as unable to read and write.

**ABILITY TO SPEAK ENGLISH**

The data on ability to speak English were derived from answers to question 16 (see facsimile of questionnaire item on page App-62). These data were tabulated for the population 10 years old and over. Persons were classified as able to speak English if they reported that they could make themselves understood in English. However, persons who could speak only a few words, such as "Hello" and "Goodbye," were classified as unable to speak English.

**RESIDENCE IN THE UNITED STATES**

The data on residence in the United States were derived from the answers to questions 18c, 18d, 18e, and 18f (see facsimiles of questionnaire items on page App-62).

The questions were asked of persons 5 years old and over; however, data on activity were tabulated only for persons 14 years old and over. Those who reported having lived in the United States for 6 months or more during the last 5 years were asked to report the year they returned to Puerto Rico, how long they stayed in the United States the last time, and the activity they were engaged in during their stay in the United States (in Armed Forces, attending school or college, working at a job or business, and doing something else). These data were collected and published for the first time in Puerto Rico in the 1970 census.

Table G-PR - Factors to be applied to Standard Errors in tallies of persons (see pages 180-186 Stateside documentation).

Characteristics	Factor		
Age .....	1.0	Labor force status .....	0.9
Household relationship .....	1.0	Unemployed .....	1.1
Families and subfamilies <sup>1</sup> .....	0.8	Hours worked .....	0.9
Unrelated individuals .....	1.5	Weeks worked in 1969 .....	0.9
Type of group quarters .....	0.8	Year last worked .....	0.9
Marital status .....	0.7	Place of work .....	1.1
Place of birth .....	1.4	Means of transportation to work .....	1.1
Country of origin .....	1.4	Occupation .....	1.1
Nativity and parentage .....	1.6	Industry .....	1.1
Year moved into present house .....	1.7	Class of worker .....	1.1
Residence in 1965 .....	1.7	Income	
Residence in the United States .....	1.7	Persons .....	1.1
Rural farm-nonfarm residence .....	1.9	Families <sup>1</sup> .....	1.1
School enrollment .....	1.0	Poverty status	
Years of school completed .....	1.2	Persons .....	2.2
Vocational training .....	0.9	Families <sup>1</sup> .....	1.2
Veteran status .....	0.9	All other .....	1.0

<sup>1</sup>When using table B to determine the standard error for a count of families, use the column in table B appropriate to the total number of families (rather than the total number of persons) in the area under consideration.

Table H-PR - Factors to be applied to Standard Errors for tallies of housing units or households.

Characteristic	Característica	Factor	Characteristic	Característica	Factor
<b>Inventory</b>	<b>Inventario</b>		<b>Structural characteristics</b>	<b>Características estructurales</b>	
Urban-rural residence .....	Residencia urbana y rural .....	0.3	Condition .....	Condición .....	1.0
Rural farm-nonfarm residence .....	Residencia rural en fincas y no en fincas .....	0.8	Type of construction .....	Tipo de construcción .....	1.0
			Units in structure .....	Unidades en la estructura .....	0.8
			Year structure built .....	Año en que se construyó la estructura .....	1.0
<b>Occupancy characteristics</b>	<b>Características de la ocupación</b>		<b>Equipment and appliances</b>	<b>Equipo y enseres</b>	
Tenure .....	Tenencia .....	0.2	Telephone available .....	Teléfono disponible .....	1.0
Year moved into unit .....	Año en que se mudó a la unidad .....	0.9	Electric lighting .....	Alumbrado eléctrico .....	1.0
			Cooking facilities .....	Facilidades de cocina .....	1.0
<b>Utilization characteristics</b>	<b>Características de la utilización</b>		Automobiles available .....	Automóviles disponibles .....	1.0
Rooms .....	Cuartos .....	1.0	Appliances .....	Enseres .....	1.2
Size of household (persons) .....	Tamaño del hogar (personas) .....	0.6	<b>Financial characteristics</b>	<b>Características financieras</b>	
Persons per room .....	Personas por cuarto .....	0.5	Value:	Valor:	
Bedrooms .....	Dormitorios .....	1.0	Owner-occupied units .....	Unidades ocupadas por propietarios .....	1.0
			Vacant for sale .....	Vacantes para venta .....	1.0
<b>Plumbing characteristics</b>	<b>Características de las facilidades sanitarias</b>		Contract rent:	Alquiler contractual:	
Plumbing facilities .....	Facilidades sanitarias .....	1.0	Renter-occupied units .....	Unidades ocupadas por inquilinos .....	1.0
Piped water .....	Agua por tuberías .....	1.0	Gross rent .....	Alquiler bruto .....	0.8
Flush toilet .....	Inodoro .....	1.0	All other .....	Todas las demás .....	1.0
Source of water .....	Abastecimiento de agua .....	0.8			
Sewage disposal .....	Disposición de aguas negras .....	0.8			

REPRODUCED AT THE NATIONAL ARCHIVES

Definitions and explanations of items unique to the Puerto Rico census.

POPULATION ITEMS

Excerpted from PC(1)-C for Puerto Rico, Appendix B.

**NATIVITY**

Nativity.—Information on place of birth is used to classify the population of Puerto Rico into two major categories: native and foreign born. The category "native" comprises persons born in the Commonwealth of Puerto Rico, in the United States, in an outlying area of the United States, or at sea. Also included in this category is the small number of persons who, although they were born in a foreign country, have at least one native American parent. When information on place of birth was missing, nativity was assigned on the basis of related information. In previous censuses, persons for whom nativity was not reported were generally classified as native. Persons not classified as native are classified as "foreign born."

**ABILITY TO READ AND WRITE**

The data on ability to read and write were derived from answers to question 15 (see facsimile of the questionnaire item on page App-62). These data were tabulated for the population 10 years old and over. Ability to read and write was not limited to any particular language. Consequently the category, able to read and write, includes persons who are able to read and write in Spanish, French, German, etc., as well as those who are able to read and write in English. Persons who could write only their own names were classified as unable to read and write.

**ABILITY TO SPEAK ENGLISH**

The data on ability to speak English were derived from answers to question 16 (see facsimile of questionnaire item on page App-62). These data were tabulated for the population 10 years old and over. Persons were classified as able to speak English if they reported that they could make themselves understood in English. However, persons who could speak only a few words, such as "Hello" and "Goodbye," were classified as unable to speak English.

**RESIDENCE IN THE UNITED STATES**

The data on residence in the United States were derived from the answers to questions 18c, 18d, 18e, and 18f (see facsimiles of questionnaire items on page App-62).

The questions were asked of persons 5 years old and over; however, data on activity were tabulated only for persons 14 years old and over. Those who reported having lived in the United States for 6 months or more during the last 5 years were asked to report the year they returned to Puerto Rico, how long they stayed in the United States the last time, and the activity they were engaged in during their stay in the United States (in Armed Forces, attending school or college, working at a job or business, and doing something else). These data were collected and published for the first time in Puerto Rico in the 1970 census.

(Excerpted from PC(1)-C for Puerto Rico, Appendix C.

**SAMPLE DESIGN**

For persons living in housing units at the time of the 1970 census, the housing unit, including all its occupants, was the sampling unit; for persons in group quarters identified in advance of the census, it was the person. The enumerator canvassed his assigned area and listed all housing units in an address register sequentially in the order in which he first visited the units whether or not he completed the interview. Every fifth line of the address register was designated as a sample line; and the housing units listed on these lines were included in the sample. Each enumerator was given a random line on which he was to start listing and the order of canvassing was indicated in advance, although the instructions allowed some latitude in the order of visiting addresses. In group quarters, all persons were listed and every fifth person was selected for the sample.

Although the sampling procedure did not automatically insure an exact 20-percent sample of persons or housing units in each locality, the sample design was unbiased if carried through according to instructions; generally for larger areas the deviation from 20 percent was found to be quite small. Biases may have arisen, however, when the enumerator failed to follow his listing and sampling instructions exactly. Quality control procedures were used throughout the census process, including a check for any serious distortion in the proportions of persons or housing units designated for the sample. The percent of the total population and housing units enumerated in the sample is shown for the Commonwealth in table C-1 in the body of this report. The computation of these proportions excluded the relatively small numbers of persons and housing units added to the enumeration from the various supplemental forms. However, the ratio estimation procedure described below adjusts the sample data to reflect these persons and housing units.

**RATIO ESTIMATION**

The statistics based on 1970 census sample data are estimates made through the use of ratio estimation procedures. The first step in carrying through the ratio estimates was to establish the areas within which separate ratios were to be prepared. These are referred to as "weighting areas." The weighting areas contained a minimum population size of 2,500. Weighting areas were established by a mechanical operation on the computer and were defined to conform, as nearly as possible, to areas for which tabulations are produced. Where these areas do not agree (primarily for smaller areas), there may be some differences between complete counts and sample estimates.

The ratio estimation process operated in three stages. The first stage employed 19 household-type groups (the first of which was empty by definition). The second stage used two groups, head of household and not head of household, and the third stage used 12 age-sex groups.

*Group*

**STAGE I**

*Male head with own children under 18.*

- 1 1-person household
- 2 2-person household
- 3 3-person household
- .
- .
- 6 6-or-more-person household

*Male head without own children under 18*

- 7-12 1-person to 6-or-more-person households

*Female head*

- 13-18 1-person to 6-or-more-person households
- 19 *Group quarters persons*

**STAGE II**

- 20 *Head of household*
- 21 *Not head of household (including persons in group quarters)*

**STAGE III**

*Male*

- 22 Age under 5 years
- 23 5-13
- 24 14-24
- 25 25-44
- 26 45-64
- 27 65 and older

*Female*

- 28-33 Same age groups as for Male

At each stage, for each of the groups, the ratio of the complete count to the weighted sample count of the population in the group was computed and applied to the weight of each sample person in the group. This operation was performed for each of the 19 groups in the first stage, then for the two groups in the second stage and finally for the 12 groups in the third stage. As a rule, the weighted sample counts within each of the 12 groups in the third stage should agree with the



complete counts for the weighting areas. Close, although not exact, consistency can be expected for the two groups in the second stage and the 19 groups in the first stage.

There are some exceptions to this general rule, however. As indicated above, there may be differences between the complete counts and sample estimates when the tabulation area is not made up of whole weighting areas. Furthermore, in order to increase the reliability, a separate ratio was not computed in a group whenever certain criteria pertaining to the complete count of persons and the magnitude of the weight were not met. For example, the complete count of persons in a group had to exceed 85 persons and the ratio of the complete count to the unweighted sample count could not exceed 20. Where these criteria were not met, groups were combined in a specific order until the conditions were met. Where this occurred, consistency between the weighted sample and the complete counts would apply as indicated above for the combined group but not necessarily for each of the groups in the combination.

Each sample person was assigned an integral weight to avoid the complications involved in rounding in the final tables. If, for example, the final weight for a group was 5.2, one-fifth of the persons in the group (selected at random) were assigned a weight of 6 and the remaining four-fifths a weight of 5.

The estimates realize some of the gains in sampling efficiency that would have resulted had the population been stratified into the groups before sampling. The net effect is a reduction in both the sampling error and possible bias of most statistics below what would be obtained by weighting the results of the sample by a uniform factor (e.g., by weighting the sample results by a uniform factor of 5). The reduction in sampling error will be trivial for some items and substantial for others. A byproduct of this estimation procedure is that estimates for this sample are, in general, consistent with the complete count for the population groups used in the estimation procedure. A more complete discussion of the technical aspects of these ratio estimates will be presented in a separate report.

Discussion of sample design is continued on page 197 of the Stateside documentation.

Table G-PR - Factors to be applied to Standard Errors in tallies of persons (see pages 180-186 Stateside documentation).

Characteristics	Factor		
Age .....	1.0	Labor force status .....	0.9
Household relationship .....	1.0	Unemployed .....	1.1
Families and subfamilies <sup>1</sup> .....	0.8	Hours worked .....	0.9
Unrelated individuals .....	1.5	Weeks worked in 1969 .....	0.9
Type of group quarters .....	0.8	Year last worked .....	0.9
Marital status .....	0.7	Place of work .....	1.1
Place of birth .....	1.4	Means of transportation to work .....	1.1
Country of origin .....	1.4	Occupation .....	1.1
Nativity and parentage .....	1.6	Industry .....	1.1
Year moved into present house .....	1.7	Class of worker .....	1.1
Residence in 1965 .....	1.7	Income	
Residence in the United States .....	1.7	Persons .....	1.1
Rural farm-nonfarm residence .....	1.9	Families <sup>1</sup> .....	1.1
School enrollment .....	1.0	Poverty status	
Years of school completed .....	1.2	Persons .....	2.2
Vocational training .....	0.9	Families <sup>1</sup> .....	1.2
Veteran status .....	0.9	All other .....	1.0

<sup>1</sup>When using table B to determine the standard error for a count of families, use the column in table B appropriate to the total number of families (rather than the total number of persons) in the area under consideration.

Table H-PR - Factors to be applied to Standard Errors for tallies of housing units or households.

Characteristic	Característica	Factor	Characteristic	Característica	Factor
<b>Inventory</b>	<b>Inventario</b>		<b>Structural characteristics</b>	<b>Características estructurales</b>	
Urban-rural residence .....	Residencia urbana y rural .....	0.3	Condition .....	Condición .....	1.0
Rural farm-nonfarm residence .....	Residencia rural en fincas y no en fincas .....	0.8	Type of construction .....	Tipo de construcción .....	1.0
			Units in structure .....	Unidades en la estructura .....	0.8
			Year structure built .....	Año en que se construyó la estructura .....	1.0
<b>Occupancy characteristics</b>	<b>Características de la ocupación</b>		<b>Equipment and appliances</b>	<b>Equipo y enseres</b>	
Tenure .....	Tenencia .....	0.2	Telephone available .....	Teléfono disponible .....	1.0
Year moved into unit .....	Año en que se mudó a la unidad .....	0.9	Electric lighting .....	Alumbrado eléctrico .....	1.0
			Cooking facilities .....	Facilidades de cocina .....	1.0
			Automobiles available .....	Automóviles disponibles .....	1.0
<b>Utilization characteristics</b>	<b>Características de la utilización</b>		Appliances .....	Enseres .....	1.2
Rooms .....	Cuartos .....	1.0	<b>Financial characteristics</b>	<b>Características financieras</b>	
Size of household (persons) .....	Tamaño del hogar (personas) .....	0.6	Value:	Valor:	
Persons per room .....	Personas por cuarto .....	0.5	Owner-occupied units .....	Unidades ocupadas por propietarios .....	1.0
Bedrooms .....	Dormitorios .....	1.0	Vacant for sale .....	Vacantes para venta .....	1.0
	<b>Características de las facilidades sanitarias</b>		Contract rent:	Alquiler contractual:	
<b>Plumbing characteristics</b>	<b>Características de las facilidades sanitarias</b>		Renter-occupied units .....	Unidades ocupadas por inquilinos .....	1.0
Plumbing facilities .....	Facilidades sanitarias .....	1.0	Gross rent .....	Alquiler bruto .....	0.8
Piped water .....	Agua por tuberías .....	1.0	All other .....	Todas las demás .....	1.0
Flush toilet .....	Inodoro .....	1.0			
Source of water .....	Abastecimiento de agua .....	0.8			
Sewage disposal .....	Disposición de aguas negras .....	0.8			

PUERTO RICO PUBLIC USE SAMPLES

Control Counts

One-in-a-Hundred Samples

	<u>Total</u> <u>Population</u>	<u>Persons</u> <u>in G.O.</u>	<u>Occupied</u> <u>Housing</u> <u>Units</u>	<u>Vacant</u> <u>Housing</u> <u>Units</u>	<u>Total</u> <u>Records</u>	<u>Block</u> <u>Count</u>
Neighborhood Characteristics Sample	27,284	328	6,328	811	35,366*	2,358
"State" sample	27,068	326	6,323	811	34,528	2,302
Municipio Group Sample	27,212	326	6,323	811	34,672	2,312
00101	4,674	129	1,199	137	6,139	
00102	3,898	26	911	98	4,933	
00103	3,016	30	671	105	3,822	
00200	3,622	28	805	94	4,549	
00300	3,384	15	772	110	4,281	
00400	4,752	45	1,033	130	5,960	
00500	3,866	53	932	137	4,988	

\* Includes 615 neighborhood characteristics records.