

# GII Survey Report

*Selection: Puerto Rico; only surveys with inequality measures.*

## 1) Puerto Rico, 1937 - 1937 (P.R.R.A.)

Survey ID: 818

### 5,743 households

**Notes:** Part of the 1937-1940 series of Puerto Rico Reconstruction Administration/School of Tropical Medicine surveys into health and socio-economic conditions in rural areas of the island, headed by Otero and team.

This survey focused on the tobacco, coffee and fruit regions (regions in which more than 50% of agricultural workers were employed in these agricultural sectors). All 246 barrios in the relevant agro-geographic areas were investigated thoroughly, with nurses and social workers visiting households to question them on various aspects of health, social and economic life.

Data presented is varied, and includes information on mortality, education, debt and farming practices. Economic data is mostly presented by wages earned by employee rather than in the form of household expenditure.

No information on how families were selected, exactly for how long the households were studied, etc.

Ref ID: 813

**P. Morales Otero, Manuel A. Perez, R. Ramirez Santos, Rafaela Espino and Mario Marrero, 'Health and Socio-Economic Studies in Puerto Rico. II. Health and Socio-Economic Conditions in the Tobacco, Coffee and Fruit Regions', *Porto Rico Journal of Public Health and Tropical Medicine*, Vol. XIV, No. 3 (June 1939), pp. 201-289.**

Table: wage earners by income	GD_PuertoRico_1937b.xlsx	Group Data	Entered	p. 270
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#### Inequality Measures

	<i>gini (income)</i>	<i>gini (expenditure)</i>	<i>p50-10</i>	<i>p90-50</i>	<i>p90-10</i>
BL:	0.445214241743088		2.90870308876038	2.76785826683044	8.05087852478027
Naive:	0.403071701526642		2.12121200561523	4.31428575515747	9.15151500701904
LN:	0.31421884894371		1.28297603130341	1.22056221961975	1.56595206260681

Table: [GII table 1]	GD_Puertorico_1941a.xls	Group Data	Entered	p. 270
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*Selection: Puerto Rico; only surveys with inequality measures.*

Ref ID: 1447

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**Alice L. Hanson, 'Living Conditions of Workers in Puerto Rico', *Monthly Labor Review*, Vol. 52, No. 4 (April 1941), pp. 781-809.**

Selection: Puerto Rico; only surveys with inequality measures.

2) **Puerto Rico, 1937 - 1937 (Department of Agriculture and Commerce)**

Survey ID: 820

**3,069 households**

Sample Duration: 1 Week(s)

**Notes:** A rural household budget survey interested in living conditions among poor rural labourers. To this end, the survey was a comprehensive lifestyle report that considered aspects of debt, education and landholding in addition to income and expenditure. Data was gathered by the Health Division of the Puerto Rico Reconstruction Administration (PRRA), and report made with help of Insular Department of Labour and BLS.

Study of 3,069 rural families of small farmers operating tracts of land of 5 to 34 'cuerdas'. The survey covers 470 rural barrios of 60 municipalities of Puerto Rico. Limitations of funds made it advisable not to extend the study to all the municipalities of Puerto Rico. The island was divided in 5 districts. The Treasurer of Puerto Rico gave the enumerators the necessary information as to the number of farms of 5 to 34 cuerdas in each municipality, name of owners, location. From this list, the farms to be visited were selected by the enumerators. The enumerators were instructed to see that the farms visited should be as scattered as possible throughout the barrio and that at least they should not be contiguous. They were further instructed to omit all farms not operated directly by owners or tenants.

Data was mostly conceptualised by type of crop (tobacco, sugar, crops, coffee) or by size of land held by the farmer, as these criteria were deemed to be more relevant than cash income.

Few of the farmers owned their land and most lived a very poor, debt-laden existence.

Purpose of survey: having a basis of comparison as to differences in living conditions between wage earners' families already studied in various agricultural regions and the small owners' families living in the same environment.

Ref ID: 815

**Manuel A. Perez, 'Living Conditions among small Farmers in Puerto Rico.', Department of Agriculture and Commerce, Research Bulletins on Agriculture and Livestock, No. 2 (1942)**

Table: income by type of farm	GD_PuertoRico_1937a.xlsx	Group Data	Entered	p. 47
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**Inequality Measures**

	<i>gini (income)</i>	<i>gini (expenditure)</i>	<i>p50-10</i>	<i>p90-50</i>	<i>p90-10</i>
<b>BL:</b>	0.254060745239258		1.44087696075439	1.77985763549805	2.56455588340759
<b>Naive:</b>	0.228735119104385		1.37574481964111	2.64951586723328	3.64505791664124
<b>LN:</b>	0.233427077531815		1.58846402168274	1.37046110630035	2.17692804336548

Selection: Puerto Rico; only surveys with inequality measures.

### 3) Puerto Rico, 1938 - 1938 (Agricultural Experiment Station)

Survey ID: 821

1,901 households

Sample Duration: 1 Month(s)

Notes: This survey of food consumption in households of 22 other towns and cities in June 1938 was carried out by researchers interested in comparing dietary patterns and nutrition across Puerto Rico.

A previous sister survey by the same researchers looked at households in San Juan in June 1937.

2007 household reports were obtained, 1901 were used.

Extensive data on consumption of different food types is presented along with brief income data.

Ref ID: 816

S. Diaz Pacheco, *Consumo de Alimentos en la Zona Urbana de Puerto Rico* (Rio Piedras: Universidad de Puerto Rico, Estracion Experimental Agricola, Boletin 52, April 1940)

Table: sample by income bands	GD_PuertoRico_1938.xlsx	Group Data	Entered	p. 11
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#### Inequality Measures

	<i>gini (income)</i>	<i>gini (expenditure)</i>	<i>p50-10</i>	<i>p90-50</i>	<i>p90-10</i>
BL:	0.354654908180237		1.90077340602875	2.23873949050903	4.25533676147461
Naive:	0.340148270130157		1.68318474292755	3.70830368995667	6.24176025390625
LN:	0.269463896751404		1.86775958538055	1.46459913253784	2.73551917076111

Selection: Puerto Rico; only surveys with inequality measures.

4) **Puerto Rico, 1953 - 1953 (Bureau of Labor Statistics)**

Survey ID: 830

**2,545 households**

Sample Duration: 1 Year(s)

Notes: Detailed survey designed to update the consumer price index. Households from across the island were selected using random sampling.

The report was divided into those households who had at least one wage earner paying income tax (677) and those who did not (1, 868). Data is presented by these two groups, and also by income group and geographic region. Aggregate data is also presented.

Ref ID: 825

**Bureau of Labor Statistics, *Ingresos y gastos de las familias 1953* (San Juan, 1960)**

*Income and expenditures of the families, Puerto Rico, 1953*

Table: GII Composite	GD_Puertorico_1953_COMPOSITE.xlsx	Group Data	Entered	
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***Inequality Measures***

	<i>gini (income)</i>	<i>gini (expenditure)</i>	<i>p50-10</i>	<i>p90-50</i>	<i>p90-10</i>
BL:	0.451333075761795		2.69193291664124	2.78322887420654	7.49226522445679
Naive:	0.425109773874283		2.68278574943542	2.10659408569336	5.65154027938843
LN:	0.314997673034668		1.16331839561462	1.1403900384903	1.32663667201996

Table: [GII table 1]	GD_Puertorico_1953.xls	Group Data	Entered	
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Table: distrib of sample by inc		Group Data	Entered	p. 53 (table 1)
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Table: av income by inc group		Group Data	Entered	p. 96 (table 27)
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Selection: Puerto Rico; only surveys with inequality measures.

5) **Puerto Rico, 1963 - 1963 (Puerto Rico Bureau of labour Statistics)**

Survey ID: 831

**223,000 households**

Sample Duration: 1 Year(s)

Notes: A comprehensive survey undertaken using random sampling methods to select participant households from all areas of Puerto Rico and all income groups. 223,000 families surveyed throughout a year by the Puerto Rican BLS.

Data is broken down by income group, area, occupation, age and several other factors. Detailed information on household income and expenditure is given.

Ref ID: 1446

**Departamento del Trabajo, *Ingresos y Gastos de las Familias, Puerto Rico, 1963, Informe 4B: Gastos de las Familias Obreras (Departamento del Trabajo, 1968)***

Table: av income by income band	GD_Puertorico_1963_COMPOSITE.xlsx	Group Data	Entered	p. 5 (table 4a)
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***Inequality Measures***

	<i>gini (income)</i>	<i>gini (expenditure)</i>	<i>p50-10</i>	<i>p90-50</i>	<i>p90-10</i>
BL:	0.319007724523544		2.33102607727051	1.99859416484833	4.65877532958984
Naive:	0.301711112260818		3.35180044174194	1.82479333877563	6.11634349822998
LN:	0.265978813171387		1.10831761360168	1.097731590271	1.21663522720337

Ref ID: 826

**Puerto Rico. Bureau of Labor Statistics, *Ingresos y gastos de las familias, Puerto Rico, 1963 (San Juan: The Bureau, 1967)***

*Income and expenditures of the families, Puerto Rico, 1963*

*Selection: Puerto Rico; only surveys with inequality measures.*

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### **Report Stats:**

*Selection: Puerto Rico; only surveys with inequality measures.*

**Surveys:** 5  
Reference instances: 7  
**Total Households:** 236,258