

# GII Survey Report

*Selection: Brazil; only surveys with inequality measures.*

## 1) Brazil, 1934 - 1934 (Academic - Individual, Horace Davis)

Survey ID: 71

### 221 households

Sample Duration: 3 Month(s)

**Notes:** This 1934 sociological survey by Horace Davis was the first on income and expenditure to be carried out in Brazil. It was informed by surveys that had been carried out in other countries, and was intended to assess the living conditions of working-class families in Sao Paulo, with a particular concern over malnutrition. The survey was conducted under the direction of the authors in April-June 1934.

Data is organised by type of expenditure (e.g. housing, food, milk quantity etc.) and in some places by income group. Data on receipts and expenditures were provided by 221 families through questionnaires. The families were selected at random in the city of Sao Paulo; it is claimed that this sample represents conditions among the better-paid part of the working classes.

The survey was financed in large part by the Escola Livre de Sociologia e Politica de Sao Paulo and aided also by the Institute of Education (now of the University of Sao Paulo) and by the Institute of Hygiene. The Sanitary Education Service of the Department of Education lent the time of some of its workers.

Ref ID: 72

**Carla Dieguez and Angelo Del Vecchio, *As Pesquisas sobre o padrao de vida dos trabalhadores da Cidade de Sao Paulo, Horace Davis e Samuel Lowrie pioneiros de sociologia aplicada no Brazil* (Sao Paulo: Editora Sociologia y Politica, 2008)**

Table: Mean Incomes by household size	GD_Brazil_1934.xls	Group Data	Entered	p. 131
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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>	0.296981245279312		1.92508637905121	1.99964725971222	3.84949350357056
<b>Naive:</b>	0.289144486188889		2.19867539405823	1.9066264629364	4.19205284118652
<b>LN:</b>	0.260098069906235		1.13724851608276	1.12068474292755	1.27449703216553

*Selection: Brazil; only surveys with inequality measures.*

Ref ID: 1379

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Oscar Egidio de Araujo, 'Pesquisa de padrão de vida dos operarios da usina Santa Olimpia Limitada', *Revista do Arquivo Municipal*, Vol. LXXX ( São Paulo: Departamento de cultura, 1941)

Ref ID: 1650

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Jaime Rodrigues, 'Por uma história da alimentação na cidade de São Paulo (décadas de 1920 a 1950)', *Revista de Estudos Sociais*, Vol. 33 (2009), pp. 118-128.

Ref ID: 1644

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Horace B. Davis and Marian Rubins Davis, 'Scale of Living of the Working Class in Sao Paulo, Brazil', *Monthly Labor Review*, Vol. 44, No. 1 (1937), pp. 245-253.

Selection: Brazil; only surveys with inequality measures.

2) **Brazil, 1937 - 1937 (Direccion General de Estadistica)**

Survey ID: 1662

**271 households**

Sample Duration: 3 Month(s)

**Notes:** Survey carried out by the national statistical agency between October and December 1937 on the cost of living of the Recife working class. The aim of the survey was to obtain an exact base to estimate the cost of living index of working and middle classes, though the data presented only focuses on the former. 1200 surveys were distributed, 305 were chosen and 271 were considered useful.

There is group data by income (four categories) despite the clear nutrition concerns in the report. Monthly expenditure averages by income are also presented.

The report focuses a lot in trying to estimate/understand the behaviour of the typical family. For that reason it elaborates an average budget. It quotes surveys from Australia, US, Italy and Mexico. There is also an important focus on nutrition. There is no explanation of the sampling technique followed.

Ref ID: 1717

**Antonio Freire and A. Carolino Goncalves, 'Sondagem sobre o custo de vida das classes trabalhadoras no Recife', *Boletim da Secretaria de Agricultura, Industria y Comercio*, Vol. 3, No. 1 (1938), pp. 31-51.**

Table: GII Composite	GD_Brazil_Recife_1937.xls	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:	0.236009031534195		2.03724575042725	1.57931268215179	3.21744799613953
Naive:	0.204389631748199		1.	2.32890367507935	2.32890367507935
LN:	0.240680053830147		1.12168049812317	1.1084805727005	1.24336111545563

Table: household size by income		Group Data	Relevant	p. 37
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Table: monthly expenditure by income		Group Data	Relevant	p. 38
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Selection: Brazil; only surveys with inequality measures.

### 3 ) Brazil, 1943 - 1943 (Ministerio do Trabalho)

Survey ID: 79

54 households

Sample Duration: 2 Week(s)

Notes: This is a comprehensive survey of the cost of living of public sector workers and managers of the city of Porto Alegre during the first two weeks of October 1943.

Data is presented by four income groups and additionally by the occupational status of the head of household. 220 households received forms, but data is only for 54 families.

Data includes incomes, expenditures on key items such as food, housing, clothing, and food quantities purchased.

Ref ID: 80

Januario Prates, 'Padrao de Vida dos Funcionarios Estaduais no Rio Grande do Sul', *Boletim do Ministerio do Trabalho, Industria e Comercio*, Vol. XI, No. 121 and 122 (September and October 1944), pp. 291-311.

Table: sample by income group and av income	GD_Brazil_1943.xlsx	Group Data	Entered	p. 306
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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:	0.293411582708359		1.50545310974121	2.51905202865601	3.79231476783752
Naive:	0.273353427648544		1.79601073265076	1.80539786815643	3.24251389503479
LN:	0.249236419796944		1.10721957683563	1.09683680534363	1.21443927288055

Table: Distribution of expenditure by income group		Group Data	Relevant	p. 298
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Selection: Brazil; only surveys with inequality measures.

4 ) **Brazil, 1961 - 1961 (Academic - Individual, Maciel)**

Survey ID: 1444

**800 households**

Sample Duration: 1 Week(s)

Notes: The objective of this survey was to assess living standards among rural workers in the 'Zona da Mata'. Random sampling was attempted.

Data is mostly presented by geographic area and family age/size. Data presented includes information on housing and sanitation, transport and food. The quantities of certain foodstuffs purchased and average calories consumed are given by region.

Ref ID: 1476

**Telmo Frederico do Rego Maciel, *Nivel de Vida do Trabalhador Rural da Zona da Mata-1961* (Recife: Instituto Joaquim Nabuco de Pesquisas Sociais, 1964)**

Table: Monthly expenditure by location	GD_Brazil_1962c.xls	Group Data	Entered	p. 46
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Table: GII Composite	GD_Brazil_1961.xls	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:	0.313063591718674		1.93273425102234	1.96669507026672	3.80109906196594
Naive:	0.292546421289444		1.80080080032349	2.51278686523438	4.52502822875977
LN:	0.260462552309036		1.11430203914642	1.10257732868195	1.22860407829285

Table: Household income groups	GD_Brazil_1961b.xlsx	Group Data	Entered	p. 44
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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:	0.255895406007767		1.10720038414001	1.38792157173157	1.53670716285706
Naive:	0.206536665558815		1.13127827644348	2.28279852867126	2.58248043060303
LN:	0.229961663484573		1.08256280422211	1.07626605033875	1.1651257276535

Selection: Brazil; only surveys with inequality measures.

5) **Brazil, 1962 - 1962 (Instituo Brasileiro de Economia)**

Survey ID: 1457

**327 households**

Sample Duration: 1 Year(s)

**Notes:** A rural household budget survey, conducted for the year of 1962 by the agricultural department of the Economic Institute. Households were selected from across the area, with the interview/budget book methodology adapted from that used in the Sao Paulo survey that took place at a similar time.

Data includes information on the composition of the households, as well as detailed expenditures by income group and information on education, household equipment and standards of hygiene.

The results problematise rural poverty, as differences in expenditure are taken to be down to socio-cultural differences as much as to differences in income.

Ref ID: 1482

**Centro de Estudos Agrícolas, Pesquisa Agrícola no Estado de Guanabara, Orcamentos Familiares (Rio de Janeiro: Centro de Estudos Agrícolas, 1967)**

Table: GII Composite	GD_Brazil_1962.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:	0.260126829147339		5.09185361862183	1.29130005836487	6.57511043548584
Naive:	0.252643793821335		2.67750310897827	1.32935011386871	3.55933904647827
LN:	0.345999002456665		1.12612056732178	1.11199569702148	1.25224125385284

Table: households in each income group	GD_Brazil_1962b.xlsx	Group Data	Entered	p. 16
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Table: total income by income group		Group Data	Relevant	p. 35
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Table: Expenditures by income group	GD_Brazil_1962c.xls	Group Data	Entered	p. 62-63
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*Selection: Brazil; only surveys with inequality measures.*

Ref ID: 1557

**The Getulio Vargas Foundation, Brazilian Institute of Economics and Center for Agricultural Studies, *Food Consumption in Brazil, Family Budget Surveys in the Early 1960s* (Rio de Janeiro: Getulio Vargas Foundation, 1970)**

Selection: Brazil; only surveys with inequality measures.

6) **Brazil, 1967 - 1968 (Companhia Central de Abastecimento do Estado de Guanabara)**

Survey ID: 1675

**3,578 households**

Sample Duration: 1 Year(s)

**Notes:** This survey of 3,578 households was carried out in the state of Rio de Janeiro (Guanabara at that time). The survey was carried out by the Companhia Central de Abastecimento do Estado de Guanabara together with the Pontificia Universidade Catolica between 1 November 1967 and 31 October 1968. The report includes a thorough explanation of the definitions used. Stratified, proportional random sampling was used. The fieldwork was carried out by university students together with trained supervisors.

Demographic data as well as information on housing characteristics, expenditure, schooling/education and consumption habits/preferences is presented by income categories. Twelve income categories are established on the basis of the minimum wage.

Ref ID: 1736

**Companhia Central do Abastecimento, Resultado de Pesquisa sobre consumo alimentar e orcamentos familiares no Grande Rio (Rio de Janeiro, [No Date])**

Table: GII Composite	GD_Brazil_Rio_de_Janeiro_1967-1968.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:	0.437267661094666		2.49266719818115	2.79706501960754	6.97215223312378
Naive:	0.43080922961235		2.89982223510742	2.88204669952393	8.35742282867432
LN:	0.309315413236618		1.12512922286987	1.11121320724487	1.25025856494904

Table: sample by income		Group Data	Relevant	p. 19
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Table: expenditure by income group		Group Data	Relevant	p. 85-96
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Table: average income by income group		Group Data	Relevant	p. 98-109
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### **Report Stats:**

*Selection: Brazil; only surveys with inequality measures.*

**Surveys:** 6  
Reference instances: 10  
**Total Households:** 5,251