GII Survey Report

Selection: Germany; only surveys with inequality measures.

D.C.: United States Government Printing Office, 1892)

.00 ho	useholds	Sample I	Duration: 1 W	/eek(s)			
Notes:	textile and wool textile	vey is from the US Commissic industries. Income from all n osts including 21 subcategori	nembers of the househo				
	Ref ID: 278						
	-	ort Of The Commissio	-	o. cost of i roduction	,,,	, ,	D.C
	-	vernment Printing Of	-	-	oup Data Relevant]
	United States Gov	vernment Printing Of	fice, 1891)	-]
	Table: [GII table 1	vernment Printing Of] asures gini (income)	fice, 1891)	Non Gi <i>p50-10</i>	roup Data Relevant	p90-10]
	Table: [GII table 1 Inequality Med	vernment Printing Of asures gini (income) 0.314987242221832	Non Group Data	<i>p50-10</i> 1.98835527896881	p90-50 2.06542134284973	<i>p90-10</i> 4.10679149627686	
	Table: [GII table 1	vernment Printing Of] asures gini (income)	Non Group Data	Non Gi <i>p50-10</i>	roup Data Relevant	p90-10	

Ref ID: 1269	
Michael R. Haines, Codebo 7711	ok: Cost of Living of Industrial Workers in the United States and Europe, 1888-1890, ICPSR
Ref ID: 1270	

Academy of Political and Social Science, No. 2 (May 1892), pp. 135-146.

2) **Germany, 1892 - 1892**

46 households

Notes

This is, perhaps, the least detailed of all German individual data: household composition is limited to the number of adults and the number of children; there are 12 broad items of food and drink; other items such as rent, heating & fuel, clothing, etc. are not broken down into much detail (there are 9 such totals) and a single household income figure is provided.

Ref ID:	283	
		-

E. Wurm, Die Lebenshaltung der deutschen Arbeiter: ihre Ernährung und Wohnung, Einkommen, indirekte Besteuerung, Erkrankung und Sterblichkeit, nebst einem Anhang, Die Zusammensetzung der Nahrungsmittel (Dresden, 1892)

Living Standards of German workers: their food and housing, income, indirect taxation, disease and mortality, together with an appendix, The composition of foods

Table: Food and	Drink	Non Group Data	1	Non Group Data	Relevant	p. 98-100
Inequality M	<u>easures</u>					
	gini (income)	gini (expenditure)	p50	0-10	p90-50	p90-10
BL:	0.440356552600861		1.44481718540	1.8799	5254993439	2.7161877155304
Naive:	0.436159878969193		1.68875837326	05 1.5022	3541259766	2.53691267967224
LN:	0.277694463729858		1.13094103336	334 1.1157	8059196472	1.26188206672668
Table: GII Comp	osita	GDI Germany-18	92 vlev	Group Data	Entered	

3) Germany, 1905 - 1908 (Great Britain Board of Trade)

5,046 households

Notes

This survey is reported by the UK Board of Trade. It provides a distribution into 5 income groups of working class households across 33 German towns. Food and drink is broken down into 15 sub-categorised items and quantities are given for 9 food items. Besides household budget information, considerable information is provided on wages as well as housing and food prices. There are considerably detailed reports on conditions in each of the 33 towns.

Ref ID: 292

Great Britain Board of Trade, Report of an Enquiry into Working Class rents, housing and retail prices, together with the rates of wages in certain occupations in the principal industrial towns in the German Empire (London: H.M.S.O., 1908)

Table: F (i)		GD_Germany_19	08a - 1905.xls	Group D	ata Entered	p. lx
<u>Inequality M</u>	<u>leasures</u>					
_	gini (income)	gini (expenditure)		50-10	p90-5	0 p90-10
BL:	0.153341814875603		1.3445476293	35638	1.40891396999359	1.89435207843781
Naive:	0.144054070115089		1.4631578922	22717	1.52845001220703	2.23636364936829
LN:	0.215210303664207		1.0591145753	38605	1.05581510066986	1.11822915077209

32 II	ouseholds	Sample Dur	ation: 12 l	Month(s)							
otes:		ey that gives comprehensive deta s. There are 16 items of non-nutri									
	Ref ID: 295						-				
	Statistisches Reichsamt, Erhebung von Wirtschaftsrechnungen Minderbemittelter Familien in Deutschen Reiche,										
	Sonderheft zum	Reichs Arbeitsblatt. [Par	t 2] (1909)								
	Household Budget	Survey of lower-income far	milies in the Germ	an Reich							
	Table: Overview of Revenue and Expenditure Town	of Revenue and Expenditure by	Non Group Data	Non Gr	roup Data Relevant	p. 2-149					
	<u>Inequality M</u>	<u>leasures</u>									
			gini (expenditure)	p50-10	p90-50	p90-10					
	BL:	0.183950483798981		1.44043433666229	1.54954946041107	2.23202419281006					
	Naive:	0.183974206447601		1.4071980714798	1.59662318229675	2.24676489830017					
	LN:	0.222166106104851		1.05655348300934	1.05352628231049	1.11310684680939					
	Table: GII Group	Data	GDI_Germany-19	<u> </u>	Data Entered						
			852households19	907.xlsx							
	Ref ID: 294										

Ref ID: 1223

H. S J., 'Reviewed Work: Erhebung von Wirtschaftsrechnungen Minderbemittelter Familien im Deutschen Reiche', Journal of the Royal Statistical Society, Vol. 73, No. 1 (Wiley for the Royal Statistical Society, 1910)

5) Germany, 1908 - 1908 (Private - Group, German Metalworkers Association)

320 households

Notes: This survey of 320 German metalworkers specifies the occupation of each head of household and reports 'husband's' income as well as total household income. There are 14 items of food/drink expenditure plus 10 other items such as rent, clothing etc.

Ref ID: 299

Deutscher Metallarbeiterverband, Haushaltungsrechnungen von Metallarbeitern (Stuttgart: Schlicke, 1909)

German Metalworkers Union/Group, Household Budgets of Metalworkers

Table: Table III		Non Group Data		Non Group Data	Relevant	p. 130-142
Inequality Me	<u>easures</u>					
	gini (income)	gini (expenditure)	р	50-10	p90-50	p90-10
BL:	0.123456440865994		1.3407953977	5848 1.3084	2578411102	1.75433123111725
Naive:	0.123442195355892		1.3476092815	3992 1.3223	33357429504	1.78198885917664
LN:	0.211833223700523		1.0393073558	8074 1.0378	32069683075	1.07861471176147
Table: GII Group	Data	GDI_Germany-190	19a-	Group Data	Entered	
		320household- expensesofMetalv	vorkers1908.xlsx			

6) **Germany, 1910 - 1910 (Private - Individual)**

1	06	h	Λı	ISP	ho	ldc

Notes:

Home ownership (or otherwise) is recorded for each household as well as whether children in the household contribute earnings. A headcount is provided alongside full-time equivalents and the number of children (with ages) as well as lodgers. Valuation of capital is included (such as the value of house/land) and income is recorded separately for 'man' and 'wife' as well as children. 21 items of food & drink are recorded and 15 other items of expenditure are defined.

Ref ID: 302

Ernst Herbig, Wirtschaftsrechnungen Saarbrücker Bergleute (Berlin: Verlag von Wilhelm Ernst & Sohn, 1913)

Accounts of Saarbrucker Miners

<u>Inequality M</u>					
_	gini (income)	gini (expenditure)	p50-10	p90-50	p90-1
BL:	0.186503484845161		1.44158709049225 1.6	019115447998	2.30929517745972
Naive:	0.1866534948349		1.39012718200684 1.7	3448026180267	2.41114807128906
LN:	0.223918467760086		1.05752217769623 1.0	5439329147339	1.1150442361831

7) **Germany, 1912 - 1913**

31 households

Notes

There are, in fact, some budgets reaching back to 1890 in this report, but the majority are for 1912 and 1913. They are working class households with occupations recorded (such as metalworker, locksmith, miller). Income is recorded separately for 'husband', 'wife' and children, there being 12 items of income recorded altogether. Expenditure is relatively basic: there are only six items of household expenditure (food, clothing, housing, etc.). There is also a total outgoings recorded 'per quet'. There is some food data recorded for some families in tables throughout.

Ref ID: 305

Karl Bittmann, Arbeiterhaushalt und Teuerung (Jena: Verlag von Gustav Fischer, 1914)

Workers' Households and Expenses

Table: GII Comp	osite, multi-yr resamples	Non Group Data	N	on Group Data	Relevant	
Inequality M	<u>leasures</u>					
_	gini (income)	gini (expenditure)	p50)-10	p90-50	p90-10
BL:	0.172236680984497		1.336685299873	1.4335	652589798	1.9162255525589
Naive:	0.171691402792931		1.397905707359	1.3033	7083339691	1.8219895362854
LN:	0.220289215445518		1.054326176643	1.0515	2690410614	1.10865235328674

8) **Germany, 1916 - 1916**

858 households

Notes

The households of this survey cover large cities (472 households), medium-sized cities/towns (279) and villages (107). The survey covers a majority of middleclass officials ('Beamten') but also some waged/workingclass households (183). From one published report of this survey, there are 17 items of expenditure, one of them being food. Food, however, is reported in further detail (24 items) as monetary and percentage shares of the total food spend in a contemporary review of the same survey. The same income groups are used, so the two reports match, providing a good coverage of food in detail together with other expenditures.

Ref ID: 309

'Cost of Living in Germany, April, 1916', Monthly Review of the Bureau of Labor Statistics, Vol. 6: 505 (1918)

Table: GII_Comp	oosite	GD_Germany_19	17a - 1916c.xls	Group D	ata E	ntered		
Inequality M	<u>leasures</u>							
_	gini (income)	gini (expenditure)	p.	50-10		p90-50		p90-10
BL:	0.287305623292923		1.9141288995	7428	1.802784	144290161	3.450	076179504395
Naive:	0.265254080295563		1.6688963174	3199	1.400801	165863037	2.33	779263496399
LN:	0.251527041196823		1.13642239570	0618	1.120045	554271698	1.27	284491062164

Ref ID: 313

Waldemar Zimmermann, Die Veränderungen der Einkommens und Lebensverhältnisse der deutschen Arbeiter durch den Krieg, Die Einwirkung des Krieges auf Bevölkerungsbewegung, Einkommen und Lebenshaltung in Deutschland (1932)

'The changes in income and living conditions of the German workers by the war' in 'The effect of war on population movement, income and standard of living in Germany'also in:The surveys of the war committee for consumer interests. contributions to the

Table: GII_Composite	GD_Germany_1932d - 1916.xls	Group Data	Entered	

9) Germany, 1916 - 1916 (War Committee on Consumers' Interests)

146 households

Notes

This reports food consumption per head and also provides food quantities. It does so separately for April and July of 1916, covering cities (101), towns (39) and villages (6). There is also a table with the distribution of occupation type (officials, salaried and waged plus unemployed). It only records expenditure on food and drink (26 items of expenditure). Many foods became scarce and so expensive in Germany during the war and these war-time surveys reflect this in the proportion of total income spent on food.

Ref ID: 310

Abteilung fur Arbeiterstatistik Abteilung fur Arbeiterstatistik, 'Die Erhebungen des kreigsausschusses fur konsumenteninteressen uber die lebenshaltung im kriege. Die Erhebung vom Juli 1916', *Reichs-Arbeitsblatt*, Vol. 15, No. 3 (1917), pp. 145-156.

The surveys of the war committee for consumer interests over the living standards in the wars. The survey of July 1916

able: [GII table 1]		GD_Germany_19	17b - 1916.xls G	roup Data	Entered	
Inequality M	<u>easures</u>					
_	gini (income)	gini (expenditure)	p50	-10	p90-50	p90-10
BL:	0.323339611291885		1.322355151176	1.0403	4602642059	1.37570691108704
Naive:	0.224773243069649		1.666666626930	1.7430	579662323	2.90509653091431
LN:	0.23907595872879		1.111893892288	1.1006	3362121582	1.22378778457642

10) Germany, 1917 - 1917 (Academic - Individual)

342 households

Notes

The report of this survey is set out exactly as the first report of 823 households in 1916. A similar review to that of the 1916 survey which breaks down the detail of food expenditures has not been located in this instance. Thus we are left with 17 total averages of expenditure across 6 income groups with one of those totals accounting for food.

Ref ID: 313

Waldemar Zimmermann, Die Veränderungen der Einkommens und Lebensverhältnisse der deutschen Arbeiter durch den Krieg, Die Einwirkung des Krieges auf Bevölkerungsbewegung, Einkommen und Lebenshaltung in Deutschland (1932)

'The changes in income and living conditions of the German workers by the war' in 'The effect of war on population movement, income and standard of living in Germany'also in:The surveys of the war committee for consumer interests. contributions to the

Table: [GII table	1]	GD_Germany_19	32e - 1917.xls	Group Data	Entered		p. 436-37
Inequality M	<u>leasures</u>						
	gini (income)	gini (expenditure)	p5	50-10	p90-50		p90-10
BL:	0.263034850358963		1.82075321674	1.689	30053710938	3.07	579946517944
Naive:	0.245826095342636		1.66445183753	1.798	40314388275	2.99	335551261902
LN:	0.245410069823265		1.12213861942	2291 1.108	8445186615	1.24	427735805511

Germany, 1918 - 1918 (War Committee on Consumers' Interests) Survey ID: 314 249 households This survey is reported in exactly the same manner as the 1917 survey of 342 households. Ref ID: 316 Abteilung fur Arbeiterstatistik, Statistisches Reichsamt, 'Die Erhebungen des kreigsausschusses fur konsumenteninteressen. Beitrage zur Kenntnis der Lebenshaltung im Vierten kriegsjahre', Reichs-Arbeitsblatt, Vol. 21, No. Sonderheft (1919) The surveys of the war committee for consumer interests: contributions to the knowledge of living standards in the Fourth year of war Ref ID: 317

Statistisches Reichsamt, Beitrage zur Kenntnis der Lebenshaltung im Vierten kriegsjahre (Berlin: Carl Henmanns Verlag, 1919)

Contributions to knowledge of living standards in the four war-years

Ref ID:	313																

Waldemar Zimmermann, Die Veränderungen der Einkommens und Lebensverhältnisse der deutschen Arbeiter durch den Krieg, Die Einwirkung des Krieges auf Bevölkerungsbewegung, Einkommen und Lebenshaltung in Deutschland (1932)

'The changes in income and living conditions of the German workers by the war' in 'The effect of war on population movement, income and standard of living in Germany'also in:The surveys of the war committee for consumer interests. contributions to the

Table: [GII table	1]	GD_Germany_19	32f - 1918.xls	Group Data	Entered	р. 436-7
Inequality M	<u>leasures</u>					
	gini (income)	gini (expenditure)	р5	0-10	p90-50	p90-10
BL:	0.262738525867462		1.64570689201	.355 1.695	66202163696	2.79056262969971
Naive:	0.243574544787407		1.39920163154	602 2.301	913022995	3.22084021568298
LN:	0.246276795864105		1.11604762077	332 1.103	98089885712	1.23209524154663

12) Germany, 1927 - 1928 (Government - Statistical Office)

1,940 l	nouseholds	Sample Duration:	1 Year(s)
Notes:	location, occupational class and occupati	ion, household composition w	I class: officials, salaried employees and waged workers. It is comprehensive, covering the following: vith all ages specified; 8 items of income ('head of household', 'wife', etc.), 37 food & drink items, This survey is officially referred to as a budget of 2,000 households but the slightly lesser figure of
	-	•	00 Arbeiter-, Angestellten- und Beamtenhaushaltungen. Erhebungen n Jahre 1927-1928, Einzelschriften zur Statistik des Deutschen Reichs

The standard of living of 2,000 Labourers, Employees and Officials' households. Surveys of budgets in the German Empire from the years 1927-1928

Table: [GII table	1]	Non Group Data	oup Data Non Group Data Relevant			
Inequality M	<u>leasures</u>					
	gini (income)	gini (expenditure)		p50-10	p90-50	p90-10
BL:	0.196525096893311		1.422861456	87103 1.60	791575908661	2.28784155845642
Naive:	0.196563020348549		1.412237048	14911 1.64	7305727005	2.32638621330261
LN:	0.224317118525505		1.055001139	64081 1.05	213379859924	1.11000227928162
Table: GII Group	Data	GDI_Germany-19	32-	Group Data	Entered	
		1940households1	927-28.xlsx	-		

Ref ID: 1221

'German Family Budget Enquiry of 1927-1928', International Labour Review, Vol. 22, No. 4 (Oct. 1930), pp. 524-532.

13) Germany, 1929 - 1929 (Private - Group, German Railways Company)

102 households

Notes

Income groups are specified in annual income per household and per 'full' person. Income and expenditure is also presented per household and per 'full person'. Officials ('Beamten') and workers ('Arbeiter') are both included. Good detail is provided: 11 types of income appear ('head of household', 'wife', etc.); 17 items of food/drink expenditure are recorded along with quantities. Nine other expenditure items are recorded (rent, heating, clothing, etc.). This data appears across several tables within a monograph spanning 150 pages with plenty of prose as well as tables.

Ref ID: 326

Deutschen Reichsbahngesellschaft, Die Lebenshaltung des deutschen Reichsbahnpersonals: Ergebnisse einer Erhebung von Wirtschaftsrechnungen unter den Arbeitern und Beamten der deutschen Reichsbahngesellschaft (Berlin: Deutschen Eisenbahner G.M.B.H., 1930)

The living standards of German Reichsbahn [Railway] personnel: results of a survey of household budget among the workers and officials of the German State Railroad Company

Table: [GII table 1]		GD_Germany_19	30c - 1929.xls	Group Data	Entered	
Inequality M	<u>leasures</u>					
	gini (income)	gini (expenditure)	p	50-10	p90-50	p90-10
BL:	0.192336589097977		1.4572612047	1954 1.558	352258205414	2.27117443084717
Naive:	0.189508751034737		1.5807949304	5807 1.637	784265518188	2.58909344673157
LN:	0.22368349134922		1.0550122261	0474 1.052	14369297028	1.11002433300018

14) Germany, 1929 - 1930

75 households

Notes

This survey is reported in a 135-page monograph with several tables. Income is broken down ('head of household', 'wife', etc.) with the number of cases specified in each income group (e.g. there are 39 'heads of households' in the middle income group earning an average annual income of 2,368.74 Reichsmarks; there are 15 'wives' in the same income group earning an average annual income of 11.76 R.M). Note that the top income group is truncated.

Ref ID: 327

Dr. Luise Breuer, *Die Lebenshaltung der Bergarbeiter im Ruhrgebiet: Eine haushaltungsstatistische Untersuchung* (Muenster: Verlag von Gustav Fischer, 1935)

The living of the miners in the Ruhr: A housekeeping statistical study

ble: [GII table 1]		GD_Germany_19 1930.xls	35a - 1929-	9- Group D		Entered	
Inequality M	<u>easures</u> gini (income)	gini (expenditure)	,	p50-10		p90-50	p90-10
BL:	0.100526303052902	g (cpcac)	1.076088428		1.0119	0650463104	1.08890080451965
Naive:	0.065877534449101		1.		1.2000	3640651703	1.20003640651703
LN:	0.209563806653023		1.032154917	71698	1.0311	5320205688	1.06430983543396

15) **Germany, 1937 - 1937**

1,509 households

Notes

This is comprehensive. For each household, the location and its population density class is itemised, as is the age and gender of every member. Nine items of income, 59 items of food & drink and 25 other items of expenditure are recorded.

Ref ID: 332

Statistisches Bundesamt Wiesbaden, Prreise Löhne Wirtschaftsrechnungen: Reihe 13: Wirtschaftsrechnungen. Sonderheft 4. Verbrauch in Arbeiterhaushalten 1937. Teil I: Einzelhaushalt (Stuttgart und Mainz: W. Kohlhammer Verlag, 1960)

Prices wages household budget: Series 13: household budget. Special Issue 4: Consumption in working-class households 1937 Part I: Individual households.

Table: [GII table	1]	Non Group Data		Non Group Dat	Relevant		
Inequality N	<u>leasures</u>						
	gini (income)	gini (expenditure)	p!	50-10	p90-50		p90-10
BL:	0.132559821009636		1.33970630168	3915 1.324	194413852692	1.77	503609657288
Naive:	0.13250045478344		1.33519709110	1.34	148480606079	1.79	515206813812
LN:	0.214079543948174		1.04329812520	5703 1.043	150128364563	1.08	659636974335
Table: GII Group	Data	GDI_Germany_19	937.xlsx	Group Data	Entered		

16) Germany, 1962 - 1963 (Government - Statistical Office)

35,563 households

Sample Duration:

1 Month(s)

Notes

There are 35,563 households of self-employed, officials, employees and workers plus 2,547 agricultural workers covered by this enormous survey. The report we have covers basic income detail and only a total average for food & drink in each group. The details of all other living expenses, in contrast, are incredibly detailed (clothing, fuel, etc.).

Ref ID: 361

LN:

Preise Löhne Wirtschaftsrechnungen: Reihe 18, Einkommens und Verbrauchsstichproben; Gesamtausgaben der privaten Haushalte 1962/63 (Stuttgart und Mainz: W. Kohlhammer Verlag, 1966)

Prices wages household budget: Series 18, Income and Expenditure Survey; Total household expenditure in 1962-63

Table: [GII table	1]	GD_Germany_19	66b - 1962-	Group Dat	a Entered	p. 51
		63.xlsx				
<u>Inequality M</u>	<u>leasures</u> gini (income)	gini (expenditure)		p50-10	p90-50	p90-10
BL:	0.307210892438889	giii (experiancii e)	2.188537359		1.95701014995575	4.28298997879028
Naive:	0 304906368255615		4 670000076	529395	1 42826557159424	6 67000007629395

Report Stats:

Selection: Germany; only surveys with inequality measures.

0.277889996767044

Surveys: 16
Reference instances: 25

Total Households: 47,385

Survey ID: 359

1.14549160003662

1.12701237201691

1.29098320007324