

Sending statistical series to WID.world

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Introduction

This technical note provides information to researchers willing to send statistical series to the WID.world team for integration to the website.

For any question, please contact amory.gethin@psemail.eu or lucas.chancel@wid.world

Material to be sent

Any series sent to WID.world should contain the three following:

1. Final data files to be integrated to the website (see below for detail).
2. A Working paper (see examples [here](#)) or Technical note (see examples [here](#)) describing the methodology followed. Technical Notes are short papers that only describe the methodology. Working Papers are longer, they often also discuss and analyse the results and can sometimes be turned into research articles.
3. Computer codes and/or datasheets enabling the creation of the final data files.

For further information on concepts and methods used in WID.world, please refer to our [Distributional National Accounts Guidelines](#).

WID.world variables codes

We prefer when series are sent along with their WID.world variable codes, which allow simple identification of the series type (eg. Macro aggregates, averages, shares, etc.), concept (eg. income, wealth, etc.) and the corresponding statistical population (eg. adults, males, etc.).

Variables codes are composed of:

- A prefix: eg. "m" for macroeconomic aggregate.
- A five-letter variable code: eg. "nninc", for national income.
- A 3-number age code: eg. "999", corresponding to "all ages".
- A 1-letter population code: eg. "i", corresponding to individuals.

Variables codes are defined in [this](#) document. Please ensure you always have the latest version of the document when using it (ie. by downloading it directly from the above link).

If you have difficulties matching your variables to WID codes, feel free to contact us for any further information

Monetary variables format

- **Unit:** except for indices and ratios, we prefer when variables are expressed in their original unit. For instance, we prefer that population be expressed in number of individuals rather than in thousands or millions.

- **Currency:** We prefer that the series be in local current currency. They are then converted using deflators and exchange rates available on WID.world (unless there is a good reason to modify currently available WID.world deflator or exchange rate series - in this case, a deflator or exchange rate series should also be provided by the researcher). In the database, the series are stored in constant local currency. For information on conversion of WID.world series, read this [technical note](#).

Inequality series format

To facilitate integration to the database, inequality series should be sent in ["gpinter" output format](#), (GPinter is an online statistical tool available on WID.world and R). Ideally, a single Excel file would contain all the series, in the following way:

1. The first sheet summarizes years and income/wealth concepts available.
2. Other sheets contain the series in gpinter format, with one sheet for each year.

The first sheet may look like this, where "fiinc992j", the WID.world variable code refers here to "fiscal income", "adult population", "equal-split of income or wealth between adults".

	B	C	D	E	F	G	H	I	J
1	Component	Year	Fiscal Income	1986					
2	fiinc992j	1986	Fiscal Income	1986					
3	fiinc992j	1987	Fiscal Income	1987					
4	fiinc992j	1988	Fiscal Income	1988					
5	fiinc992j	1993	Fiscal Income	1993					
6	fiinc992j	1998	Fiscal Income	1998					
7	fiinc992j	2002	Fiscal Income	2002					
8	fiinc992j	2008	Fiscal Income	2008					
9	fiinc992j	2014	Fiscal Income	2014					
10			Fiscal Income	1986					
11			Fiscal Income	1987					
12			Fiscal Income	1988					
13			Fiscal Income	1993					
14			Fiscal Income	1998					
15			Fiscal Income	2002					
16			Fiscal Income	2008					
17			Fiscal Income	2014					
18			Fiscal Income	1986					
19			Fiscal Income	1987					
20			Fiscal Income	1988					
21			Fiscal Income	1993					
22			Fiscal Income	1998					
23			Fiscal Income	2002					
24			Fiscal Income	2008					
25			Fiscal Income	2014					
26			Fiscal Income	1986					
27			Fiscal Income	1987					
28			Fiscal Income	1988					
29			Fiscal Income	1993					
30			Fiscal Income	1998					
31			Fiscal Income	2002					
32			Fiscal Income	2008					
33			Fiscal Income	2014					
34			Fiscal Income	1986					
35			Fiscal Income	1987					
36			Fiscal Income	1988					
37			Fiscal Income	1993					
38			Fiscal Income	1998					
39			Fiscal Income	2002					
40			Fiscal Income	2008					
41			Fiscal Income	2014					
42			Fiscal Income	1986					
43			Fiscal Income	1987					
44			Fiscal Income	1988					
45			Fiscal Income	1993					
46			Fiscal Income	1998					
47			Fiscal Income	2002					
48			Fiscal Income	2008					
49			Fiscal Income	2014					
50			Fiscal Income	1986					
51			Fiscal Income	1987					
52			Fiscal Income	1988					
53			Fiscal Income	1993					
54			Fiscal Income	1998					
55			Fiscal Income	2002					
56			Fiscal Income	2008					
57			Fiscal Income	2014					
58			Fiscal Income	1986					
59			Fiscal Income	1987					
60			Fiscal Income	1988					
61			Fiscal Income	1993					
62			Fiscal Income	1998					
63			Fiscal Income	2002					
64			Fiscal Income	2008					
65			Fiscal Income	2014					
66			Fiscal Income	1986					
67			Fiscal Income	1987					
68			Fiscal Income	1988					
69			Fiscal Income	1993					
70			Fiscal Income	1998					
71			Fiscal Income	2002					
72			Fiscal Income	2008					
73			Fiscal Income	2014					
74			Fiscal Income	1986					
75			Fiscal Income	1987					
76			Fiscal Income	1988					
77			Fiscal Income	1993					
78			Fiscal Income	1998					
79			Fiscal Income	2002					
80			Fiscal Income	2008					
81			Fiscal Income	2014					
82			Fiscal Income	1986					
83			Fiscal Income	1987					
84			Fiscal Income	1988					
85			Fiscal Income	1993					
86			Fiscal Income	1998					
87			Fiscal Income	2002					
88			Fiscal Income	2008					
89			Fiscal Income	2014					
90			Fiscal Income	1986					
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93			Fiscal Income	1993					
94			Fiscal Income	1998					
95			Fiscal Income	2002					
96			Fiscal Income	2008					
97			Fiscal Income	2014					
98			Fiscal Income	1986					
99			Fiscal Income	1987					
100			Fiscal Income	1988					
101			Fiscal Income	1993					
102			Fiscal Income	1998					
103			Fiscal Income	2002					
104			Fiscal Income	2008					
105			Fiscal Income	2014					
106			Fiscal Income	1986					
107			Fiscal Income	1987					
108			Fiscal Income	1988					
109			Fiscal Income	1993					
110			Fiscal Income	1998					
111			Fiscal Income	2002					
112			Fiscal Income	2008					
113			Fiscal Income	2014					
114			Fiscal Income	1986					
115			Fiscal Income	1987					
116			Fiscal Income	1988					
117			Fiscal Income	1993					
118			Fiscal Income	1998					
119			Fiscal Income	2002					
120			Fiscal Income	2008					
121			Fiscal Income	2014					
122			Fiscal Income	1986					
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125			Fiscal Income	1993					
126			Fiscal Income	1998					
127			Fiscal Income	2002					
128			Fiscal Income	2008					
129			Fiscal Income	2014					
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135			Fiscal Income	2002					
136			Fiscal Income	2008					
137			Fiscal Income	2014					
138			Fiscal Income	1986					
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141			Fiscal Income	1993					
142			Fiscal Income	1998					
143			Fiscal Income	2002					
144			Fiscal Income	2008					
145			Fiscal Income	2014					
146			Fiscal Income	1986					
147			Fiscal Income	1987					
148			Fiscal Income	1988					
149			Fiscal Income	1993					
150			Fiscal Income	1998					
151			Fiscal Income	2002					
152			Fiscal Income	2008					
153			Fiscal Income	2014					
154			Fiscal Income	1986					
155			Fiscal Income	1987					
156			Fiscal Income	1988					
157			Fiscal Income	1993					
158			Fiscal Income	1998					
159			Fiscal Income	2002					
160			Fiscal Income	2008					
161			Fiscal Income	2014					
162			Fiscal Income	1986					
163			Fiscal Income	1987					
164			Fiscal Income	1988					
165			Fiscal Income	1993					
166			Fiscal Income	1998					
167			Fiscal Income	2002					
168			Fiscal Income	2008					
169			Fiscal Income	2014					
170			Fiscal Income	1986					
171			Fiscal Income	1987					
172			Fiscal Income	1988					
173			Fiscal Income	1993					
174			Fiscal Income	1998					
175			Fiscal Income	2002					
176			Fiscal Income	2008					
177			Fiscal Income	2014					
178			Fiscal Income	1986					
179			Fiscal Income	1987					
180			Fiscal Income	1988					
181			Fiscal Income	1993					
182			Fiscal Income	1998					
183			Fiscal Income	2002					
184			Fiscal Income	2008					
185			Fiscal Income	2014					
186			Fiscal Income	1986					
187			Fiscal Income	1987					
188			Fiscal Income	1988					
189			Fiscal Income	1993					
190			Fiscal Income	1998					
191			Fiscal Income	2002					
192			Fiscal Income	2008					
193			Fiscal Income	2014					
194			Fiscal Income	1986					
195			Fiscal Income	1987					
196			Fiscal Income	1988					
197			Fiscal Income	1993					
198			Fiscal Income	1998					
199			Fiscal Income	2002					
200			Fiscal Income	2008					
201			Fiscal Income	2014					
202			Fiscal Income	1986					
203			Fiscal Income	1987					
204			Fiscal Income	1988					
205			Fiscal Income	1993					
206			Fiscal Income	1998					
207			Fiscal Income	2002					
208			Fiscal Income	2008					
209			Fiscal Income	2014					
210			Fiscal Income	1986					
211			Fiscal Income	1987					
212			Fiscal Income	1988					
213									

	A	B	C	D	E	F	G	H	I	J	K
1	year	country	average	p	thr	topsh	bracketsh	topavg	bracketavg	b	
2	1986	CI	485515,625	0	0	1	0,00018451	485515,625	8958,06298	#DIV/0!	
3				0,01	15173,5427	0,99981549	0,0004124	490329,338	20022,8018	32,3147565	
4				0,02	24544,5019	0,99940309	0,00058935	495128,384	28613,7792	20,17268	
5				0,03	32518,741	0,99881374	0,00074485	499937,813	36163,4066	15,3738367	
6				0,04	39702,8293	0,9980689	0,00085925	504768,796	41717,8526	12,7136732	
7				0,05	43592,7013	0,99720965	0,00093511	509643,017	45400,8689	11,6910171	
8				0,06	47166,7042	0,99627454	0,00100634	514581,763	48859,5145	10,909852	
9				0,07	50533,3271	0,9952682	0,00107601	519589,529	52241,9864	10,282116	
10				0,08	54018,0479	0,99419219	0,00115377	524669,394	56017,1945	9,71285364	
11				0,09	58104,7853	0,99303842	0,0012405	529819,418	60228,2719	9,11834396	
12				0,1	62308,6639	0,99179792	0,00132257	535037,097	64212,9824	8,58688124	
13				0,11	65996,0185	0,99047535	0,00139044	540327,256	67508,1614	8,18727051	
14				0,12	68884,4913	0,98908491	0,00144313	545700,2	70066,0919	7,92196022	
15				0,13	71246,0545	0,98764178	0,001496	551167,259	72633,3464	7,73610921	
16				0,14	74197,3336	0,98614577	0,00156853	556731,607	76154,3721	7,50339102	
17				0,15	78289,2225	0,98457725	0,00166044	562385,457	80616,7479	7,18343392	
18				0,16	82913,8267	0,98291681	0,00174879	568120,798	84906,3361	6,85194281	
19				0,17	86776,3643	0,98116803	0,00182524	573942,659	88618,3018	6,61404363	
20				0,18	90524,3658	0,97934278	0,00190756	579861,249	92615,1044	6,40558201	
21				0,19	94790,0607	0,97743522	0,00199784	585876,634	96998,4721	6,18078129	
22				0,2	98113,188	0,97513738	0,00207677	591887,611	100000,378	5,97384874	
series CI, 1986 CI, 1987 CI, 1988 CI, 1993 CI, 1998 CI, 2002 CI, 2008 CI, 2014 +											

This format can be obtained simply by running a generalized Pareto interpolation on the website at <http://wid.world/gpinter/>. Please export all the variables listed above:

- Year, country, average
- Percentiles list
- Thresholds
- Top shares
- Bracket shares
- Top averages
- Bracket averages
- Beta coefficients

Macroeconomic series format

For macroeconomic series, a very standard format is sufficient, with years in rows and variables in column. If possible, please match your variable names (eg. "National Income") to WID codes (eg. "mnninc999i").

	A	B	C	D	E	F
1	Variable	National income	Net domestic product	Gross domestic product	Consumption of fixed capital	Net foreign income
2	WID code	mnninc999i	mndpro999i	mgdpro999i	mconfc999i	mnnfin999i
72	1970	13	13	15	1	0
73	1971	15	15	17	2	0
74	1972	18	18	20	2	0
75	1973	22	22	25	2	0
76	1974	27	27	30	3	0
77	1975	32	32	36	4	0
78	1976	39	39	44	5	0
79	1977	49	49	55	6	0
80	1978	60	60	68	8	-1
81	1979	70	71	80	10	-1
82	1980	82	82	94	12	-1
83	1981	90	92	106	14	-1
84	1982	104	106	123	17	-2
85	1983	119	121	140	19	-2
86	1984	134	137	159	22	-2
87	1985	150	152	176	24	-2
88	1986	174	176	202	26	-2
89	1987	197	199	227	28	-2
90	1988	220	222	254	32	-2
91	1989	240	251	287	36	-2

Sheet1