



ECONOMIC OUTLOOK DATABASE INVENTORY

(EO72 DECEMBER 2002 VERSION)

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1. INTRODUCTION¹

This document describes in detail the OECD Economic Outlook database. It provides the codes and descriptions of all variables, the country codes used, and the definitions of and relations between the variables. It is supplementary to the document on the sources and methods of the Economic Outlook (see OECD INTERNET page <http://www.oecd.org/EN/document/0,,EN-document-654-8-no-5-26100-0,FF.html>).

The Outlook database is a comprehensive and consistent macroeconomic database of the OECD economies, covering expenditures, foreign trade, output, employment and unemployment, interest rates and exchange rates, the balance of payments, outlays and revenues of government and of households, and government debt. For the non-OECD regions, foreign trade and current account series are available.

The database contains yearly, semi-annual, quarterly and monthly data for the historical period. It also contains yearly and semi-annual data for the projection period. For this period, semi-annual data are only available for the G7 countries and the OECD regions, while yearly data are available for all OECD countries and for non-OECD regions. Quarterly and half-yearly series are seasonally adjusted. Variables are defined in such a way that they are as homogenous as possible over the countries. Breaks in underlying series are corrected as far as possible. Sources for the historical data are publications of national statistical agencies and OECD statistical publications such as the Quarterly National Accounts, the Annual National Accounts, the Quarterly Labour Force Statistics, the Annual Labour Force Statistics and the Main Economic Indicators.

The next section gives by table and by figure the codes of the variables presented in the Economic Outlook. Section 3 provides the definitions and relations between the variables. Section 4 contains in alphabetical order descriptions of the variables, for the database as a whole as well as by subject. Information on the data sources is provided in Section 5. Section 6 gives the codes of OECD countries, OECD regions and non-OECD regions. Section 7 describes the way regional aggregates are calculated and the availability of such aggregates. The final section gives the variables available on OECD electronic data products related to the Economic Outlook. The major part of the database is available on two electronic data products:

- Economic Outlook (EO) CDROM (see for information on this CDROM also the OECD INTERNET page <http://www.oecd.org/pdf/M00024000/M00024545.pdf>)
- International Trade and Competitiveness indicators (ITCI) CDROM (see <http://www.oecd.org/pdf/M000000000/M00000314.pdf>)

¹ The Macro-Economic Analysis and Systems Management Division (MASD) of the Economics Department of the OECD produced this document.

The facilities of Acrobat greatly facilitate the use of this pdf-document. For instance the use of the Find and Find again facilities on a variable code found in section 2 can provide the definition of the variable and its relations with other variables in section 3, its description in section 4 and the electronic data products containing the variable in section 8.

Concurrent with the publication of preliminary version of the Economic Outlook on INTERNET, a file (EO [Flashfile](#)) containing the forecasts can now be downloaded free of charge directly from the following address: <http://www.oecd.org/EN/longabstract/0,,EN-longabstract-280-8-no-1-8293-0,FF.html>. Data for key macroeconomic variables are presented for all OECD countries and regions in text file form, and can be input directly into most statistical and analytical software.

1.1 Changes from last issue

The base year for the data of the OECD Interlink Model and the *Economic Outlook* aggregates is changed to 1995.

1.2 Change in Balance of Payments and Trade

- In this issue, our trade data are rebased to 1995 using the new world bilateral trade matrices for 1995 (source UNCTAD). This also affects data for export markets.
- In the modernisation of reporting and standardising data, several countries have redefined their balance of payments from BPM4 to BPM5 standard.

1.3 Other Changes since Outlook71

The following data changes have been implemented since the June 2002 issue of the OECD *Economic Outlook*.

1.4 National account reporting systems and base-years

Many countries are changing from the SNA68/ESA79 methodology for the national accounts data. In the present edition of the OECD Economic Outlook, the status of national accounts in the OECD countries is as follows :

	Expenditure accounts	Household accounts	Government accounts	Use of chain-weighted price indices	Benchmark/ base year
Australia	SNA93 (1959)	SNA93 (1959)	SNA93 (1959)	YES	1999/2000
Austria	ESA95 (1988)	ESA95 (1995)	ESA95 (1976)	NO	1995
Belgium	ESA95 (1970)	ESA95 (1995)	ESA95 (1970)	NO	1995
Canada	SNA93 (1955)	SNA93 (1955)	SNA93 (1955)	YES	1997
Czech Republic	SNA93 (1994)	SNA93 (1994)	GFS (adjusted by OECD)	NO	1995
Denmark	ESA95 (1988)	ESA95 (1988)	ESA95 (1988)	NO	1995
Finland	ESA95 (1975)	ESA95 (1975)	ESA95 (1975)	NO	1995
France	ESA95 (1978)	ESA95 (1978)	ESA95 (1978)	NO	1995
Germany ^b	ESA95 (1991)	ESA95 (1991)	ESA95 (1991)	NO	1995
Greece	ESA95 (1960)	Not available	ESA95 (1960)	NO	1995 ^a
Hungary	SNA93 (1995)	Not available	Not available	NO	1998
Iceland	SNA93 (1970)	Not available	SNA93 (1970) ^c	NO	1990
Ireland	ESA95 (1990)	ESA95 (1990)	ESA95 (1990)	NO	1995
Italy	ESA95 (1982)	ESA79	ESA95 (1995)	NO	1995
Japan	SNA93 (1980q1)	SNA93 (1990)	SNA93 (1990)	NO	1995
Korea	SNA93 (1970)	SNA93 (1975)	SNA93 (1975)	NO	1995
Luxembourg	ESA95 (1970)	Not available	ESA95(1990)	NO	1995
Mexico	SNA93 (1980)	Not available	Not available	NO	1993
Netherlands	ESA95 (1995)	ESA95 (1995)	ESA95 (1995)	YES	1995
New Zealand	SNA93 (1987)	SNA68	SNA93	YES	1995/96
Norway	SNA93 (1978)	SNA93 (1978)	SNA93 (1978)	NO	1997
Poland	SNA93 (1990)	SNA93 (1991)	SNA93 (1991)	YES	1995
Portugal	ESA95 (1995)	ESA95(1995)	ESA95 (1995)	NO	1995
Slovak Republic	SNA93 (1993)	SNA93 (1994)	SNA93 (1994)	NO	1995
Spain	ESA95 (1995)	ESA95 (1995)	ESA95 (1995)	NO	1995
Sweden	ESA95 (1980)	ESA95 (1993)	ESA95 (1980)	YES	1995
Switzerland	SNA68	SNA68	Not available	NO	1990
Turkey	SNA68	SNA68	SNA68	NO	1987
United Kingdom	ESA95 (1987)	ESA95 (1987)	ESA95 (1987)	NO	1995
United-States	NIPA (SNA93) (1959q1)	NIPA (SNA93) (1959q1)	NIPA (SNA93) (1960q1)	YES	1996

Note: SNA: System of National Accounts. ESA: European Standardised Accounts. NIPA: National Income and Product Accounts. GFS: Government Financial Statistics. The numbers in brackets indicate the starting year for the time series.

a) Change in benchmark/base year since the last edition of *OECD Economic Outlook*.

b) Data prior to 1991 refer to western Germany and are spliced to accord with the new SNA93/ESA95 accounts.

1.5 The irrevocable conversion euro rates

Data for the 12 Euro area countries are now expressed in Euro, and pre-1999 data were converted from national currency using the irrevocable conversion euro rates, which are, for 1 euro:

Germany	1.95583 DEM
France	6.55957 FRF
Italy	1936.27 ITL
Austria	13.7603 ATS
Belgium	40.3399 BEF
Finland	5.94573 FIM
Ireland	0.787564 IEP
Luxembourg	40.3399 LUF
Netherlands	2.20371 NLG
Portugal	200.482 PTE
Spain	166.386 ESP
Greece	340.750 GRD

2. CODE OF VARIABLES PRESENTED IN ECONOMIC OUTLOOK TABLES

This section presents for Economic Outlook tables and figures the codes of the variables shown. This information, in combination with the information in section 3, makes it easy to get the definition of a variable presented in the Economic Outlook table. It makes it also possible to produce the same table over a longer period using OECD electronic data products.

2.1. General Assessment (Editorial and Chapter I)

2.1.1. Tables

Nr.	Title	Contains the following variables:
	Summary of projections	GDPV, TDDV, PGDP, UNR, CBGDPR, IRS, (XGVC+MGVC)/2, EXCHUD
1.1	Output growth projections	GDPV
1.2	General government financial balances	NLGQ, NLGQA, NLGXQA
1.3	Labour productivity in the business sector	PROD
1.4	Unemployment, output gaps and inflation	ET, UNR, GAP, PGDP
1.5	Euro Area <i>Summary of Projections</i>	CP, CP/GDP, CG, CG/GDP, IT, IT/GDP, IH, IH/GDP, IG, IG/GDP, FDD, FDD/GDP, ISK, ISK/GDP; TDD, TDD/GDP, FBGS, FBGS/GDP; GDPV; GDP; PCP; ET; UNR; NLGQ; CBGDPR; GAP
1.6	Fiscal commitments in the European Union	<i>Sources:</i> National stability and convergence programmes (third and fourth vintage), French Ministry of Finance, <i>Perspectives économiques 2002-2003</i> , Eurostat, Deutsche Bundesregierung, <i>Jahreswirtschaftsbericht 2002</i> .
1.7	Public spending ratios in the largest euro area countries	<i>Sources:</i> National stability, French Ministry of Finance
1.8	Results of the special loan inspections in Japan	<i>Sources:</i> Financial Services Agency
1.9	World trade and current account summary	CBGDPR, CBD
1.10	Medium-term reference baseline summary	MTB figures cover the period up to 2008. They are not available in EO72 CD-ROM. (Codes of variables presented: GDPV, PGDP, UNR, CBGDPR, IRL)
1.11	Fiscal trends in the medium-term reference baseline	Available in Outlook database up-to 2004 only (Codes of variables presented: NLGQ, GNFLQ, GGFLQ, GGFLMQ)
1.12	Growth in potential GDP and its components	GDPVTR, LPTR, ETBPT, LFPRS, POPT, NAIRU

2.1.2. Figures

Nr.	Title	Contains the following variables:
1.1	Equity price developments	(Not available in ADB. See sources and methods.)
1.2	Long-term interest rates	IRL
1.3	OECD industry oil stocks	(Not available in ADB. See sources and methods.)
1.4	Energy price increases in 2010 required to implement the Kyoto Protocol	(Not available in ADB. See sources and methods.)
1.5	Terms of trade losses due to oil price increases in OECD countries	(Not available in ADB. See sources and methods.)
1.6	Energy and oil intensity	(Not available in ADB. See sources and methods.)
1.7	Consumer price indices with and without energy	CPI used in computations. See sources and methods.
1.8	Cyclically adjusted total and business tax revenues as a per cent of potential GDP: Changes from 1995 to 2000	TYBA, TYHA, TINDA, SSRGA, GDPVPT, PGDP, GDPTR
1.9	General government gross financial liabilities	GGFLQ
1.10	United States: Capital-labour ratio and relative factor prices in the business sector	Computed on the basis of KBV, ETB, PIB, WSSE
1.11	The effect of higher oil prices with real wage resistance in the Euro area	GDPV, PCP
1.12	Yield curves in Japan	(Not available in ADB. See sources and methods.)

2.1.3. Boxes

Nr.	Title	Contains the following variables:
1.1	Oil and non-oil commodity prices	WPOIL
1.2	Corporate bankruptcies in the United States	Not available in ADB. <i>Source:</i> BankruptcyData.com.
1.3	Assessing the underlying fiscal position	
1.4	The medium-term reference scenario	GDPV, PGDP, UNR, GBGDPR, IRL (up to 2001)

The Annex

Tables

Nr.	Title	Contains the following variables:
1	Real GDP	GDPV
2	Nominal GDP	GDP
3	Real private consumption expenditure	CPV
4	Real public consumption expenditure	CGV
5	Real total gross fixed capital formation	ITV
6	Real gross private non-residential fixed capital formation	IBV
7	Real gross private residential fixed capital formation	IHV
8	Real total domestic demand	TDDV
9	Real exports of goods and services	XGSV
10	Real imports of goods and services	MGSV

Nr.	Title	Contains the following variables:
11	Output gaps ²	GAP
12	Compensation per employee in the business sector	WSSE
13	Labour productivity of the business economy	PROD
14	GDP Deflators	PGDP
15	Private consumption deflators	PCP
16	Consumer Price Index	CPI for all OECD countries and CPIH only for Euro zone countries: Source: OECD Main Economic Indicators
17	Oil and other primary commodity markets	OILCON, OILSUP, OILMNT, OILXNT, WPOIL, WPHFBD, WPHFD, WPHTBD, WPHAMD, WPHMMD, WPXM
18	Labour force. Percentage change from previous period	LF
18A	Labour force. Levels	LF
19	Labour force participation rate	LFPRS
20	Employment. Percentage change from previous period	ET
20A	Employment. Levels	ET
21	Unemployment rates: commonly used definitions	UNR
22	Employment. Levels	UNR
23	Labour force, employment and unemployment	LF, ET, UN
26	Household saving rates	SRATIO
28	General government total outlays	YPGTQ
29	General government current tax and non-tax receipts	YRGQ
30	General government financial balances	NLGQ (Balances excluding social security are not available in Outlook database)
31	General government structural balances ³	NLGQA
32	General government primary balances	NLGXQ
33	General government net debt interest payments	GNINTQ
34	General government gross financial liabilities	GGFLQ (since 1990, GGFLQ = GGFLMQ for AUT, BEL, GRC, IRE, LUX, NLD and PRT)
35	General government net financial liabilities	GNFLQ
36	Short-term interest rates	IRS
37	Long-term interest rates	IRL
38	Nominal exchange rates (vis-à-vis the US dollar)	EXCHUD
39	Effective exchange rates	EXCHEB
40	Export volumes	XGVC
41	Import volumes	MGVC
42	Export price (average unit values)	PXG
43	Import price (average unit values)	PMG
44	Competitive positions: relative unit labour costs	ULCMDR
45	Competitive positions: relative export prices	PXMDR

² The estimated gaps are subject to significant margins of error.

³ The estimated structural budget balances are surrounded by large margins of uncertainty. This is due not only to the usual risks to the projection of potential output, but also to uncertainty as to the present size and future growth of potential output, and the degree to which elimination of the output gap would translate into enhanced tax revenues and reduced expenditures.

3. DEFINITIONS OF VARIABLES

Definitions of variables and the relations between variables are presented by mathematical expressions between variable codes. These expressions are identities and hold therefore exactly. Not presented are behavioural relations between variables and other non-identities.

The identities are shown at an annual level. Some identities are slightly different on a semi-annual level.

Most identities are identical for all OECD countries. In case of differences, the identity holding for most countries is given first, followed by the diverging identity and the countries for which it is relevant.

The base year is relevant for some identities. There are two kinds of base years:

- Country-specific base-years, relevant for volume and price series for expenditures and GDP (see for current base year section 6.1). These base years are presented in the identities as ‘base year’.
- Not country-specific base year, relevant for trade series and other series comparable over countries. This base year is 1995 in the current database and is presented in the identities as ‘overall base year’.

The indices for Australia, Canada, New Zealand, Poland, Sweden and the US are chain-linked. However the formula for the US is based on a different type of index than those used for the other five countries (see the formula for GDPV on the forecasting period for Australia, Sweden in 3.1.1 / 4.a, Poland, New Zealand, Canada in 3.1.1 / 4.c and for the US in 3.1.1 / 4.b.)

3.1. Expenditures and GDP

3.1.1. Volumes

1	$FDDV = CPV + CGV + ITV$	
1.a	$FDDV = FDDV(-1) * (CPV / CPV(-1) * (CP / (CP + CG + IT) + CP(-1) / (CP(-1) + CG(-1) + IT(-1))) + CGV / CGV(-1) * (CG / (CP + CG + IT) + CG(-1) / (CP(-1) + CG(-1) + IT(-1))) + ITV / ITV(-1) * (IT / (CP + CG + IT) + IT(-1) / (CP(-1) + CG(-1) + IT(-1)))) / 2.0 + ZCS011$	[USA]
1.b	$FDDV = FDDV(-1) / (CP(-1) + CG(-1) + IT(-1)) * (CPV / CPV(-1) * CP(-1) + CGV / CGV(-1) * CG(-1) + ITV / ITV(-1) * IT(-1)) + ZCS019$	[NZL]
1.c	$FDDV = FDDV(-1) / (CP(-1) + CG(-1) + IT(-1)) * (CPV / CPV(-1) * CP(-1) + CGV / CGV(-1) * CG(-1) + ITV / ITV(-1) * IT(-1)) + ZCS001$	[POL]
1.d	$FDDV = FDDV(-1) / (CP(-1) + CG(-1) + IT(-1)) * (CPV / CPV(-1) * CP(-1) + CGV / CGV(-1) * CG(-1) + ITV / ITV(-1) * IT(-1)) + ZCS007$	[CAN]
2	$TDDV = FDDV + ISKV$	
2.a	$TDDV = GDPV - (XGSV - MGSV)$	[EMU]
2.b	$TDDV = IF(N.GE.10) TDDV(-1) * (GDPV / GDPV(-1) * (GDP / TEMPP + GDP(-1) / TEMP1) + MGSV / MGSV(-1) * (MGS / TEMPP + MGS(-1) / TEMP1) - XGSV / XGSV(-1) * (XGS / TEMPP + XGS(-1) / TEMP1)) / 2.0 + ZCS010$	[USA]
2.c	$TDDV = TDDV(-1) / (GDP(-1) + MGS(-1) - XGS(-1)) * (GDPV / GDPV(-1) * GDP(-1) + MGSV / MGSV(-1) * MGS(-1) - XGSV / XGSV(-1) * XGS(-1)) + ZCS018$	[NZL]
2.d	$TDDV = TDDV(-1) / (GDP(-1) + MGS(-1) - XGS(-1)) * (GDPV / GDPV(-1) * GDP(-1) + MGSV / MGSV(-1) * MGS(-1) - XGSV / XGSV(-1) * XGS(-1)) + ZCS002$	[POL]

2.e	$TDDV = TDDV(-1) / (GDP(-1) + MGS(-1) - XGS(-1)) * (GDPV / GDPV(-1) * GDP(-1) + MGSV / MGSV(-1) * MGS(-1) - XGSV / XGSV(-1) * XGS(-1)) + ZCS008$	[CAN]
3	$FBGSV = XGSV - MGSV$	
4	$GDPV = TDDV + FBGSV$	[DEU]
4.a	$GDPV = GDPV(-1) * ((CP(-1) / GDP(-1)) * CPV / CPV(-1) + (CG(-) / GDP(-1)) * CGV / CGV(-1) + (IT(-1) + ISK(-1)) / GDP(-1)) * ((ITV + ISKV) / (ITV(-1) + ISKV(-1))) + (XGS(-1) / GDP(-1)) * XGSV / XGSV(-1) - (MGS(-1) / GDP(-1)) * MGSV / MGSV(-1))$	[AUS, SWE]
4.b	$GDPV = GDPV(-1) * (CPV / CPV(-1)) * (CP / GDP + CP(-1) / GDP(-1)) + CGV / CGV(-1) * (CG / GDP + CG(-1) / GDP(-1)) + (ITV + ISKV) / (ITV(-1) + ISKV(-1)) * ((IT + ISK) / GDP + (IT(-1) + ISK(-1)) / GDP(-1)) + XGSV / XGSV(-1) * (XGS / GDP + XGS(-1) / GDP(-1)) - MGSV / MGSV(-1) * (MGS / GDP + MGS(-1) / GDP(-1))) / 2 + SDGDPV$	[USA]
4.c	$GDPV = GDPV(-1) / (CP(-1) + CG(-1) + IT(-1) + ISK(-1) + XGS(-1) - MGS(-1)) * (CPV / CPV(-1) * CP(-1) + CGV / CGV(-1) * CG(-1) + (ITV + ISKV) / (ITV(-1) + ISKV(-1)) * (IT(-1) + ISK(-1)) + XGSV / XGSV(-1) * XGS(-1) - MGSV / MGSV(-1) * MGS(-1)) + SDGDPV$	[CAN, NZL, POL]
4.d	$GDPV = TDDV + XGSV - MGSV + SDGDPV$	[AUT, FIN, GBR, IRE, KOR, LUX, NLD, NOR, SVK, TUR]
4.e	$GDPV = TDDV + XGSV - MGSV$	[BEL, CHE, DNK, ESP, FRA, GRC, HUN, ISL, ITA, MEX, POR]
5	$GDPCSA = GDPV - ZCS004$ [GDPCSA is an exogenous variable for AUS, ESP and GRC]	[NOR]
5.a	$GDPCSA = GDPCSA(-1) * ((GDPV / GDPV(-1)) * (1 + ZCS001 / 100))$	[NZL]
6	$GNPV = GDPV + NYFV$	[IRE; for JPN history only]
7	$GDPVD = GDPV / GDPV(\text{overall base year}) * GDP(\text{overall base year}) / PPP(\text{overall base year})$	
8	$NITV = XNITV * (GDPV - CGW / PCGW)$	
8.a	$NITV = XCS003 * (GDPV - CGW / PCGW)$	[DEU before 1991]
8.b	$NITV = XNITV * (GDPV - CGW / ZCS014)$	[USA]
8.c	$NITV = XNITV * (GDPCSA - CGW / PCGW)$	[NZL]
9	$GDPBV = GDPV - CGW / PCGW - NITV - CFKG / PIG$	
9.a	$GDPBV = GDPV - CGW / PCGW - NITV - CFKG / PIT$	[CZE, HUN, POL, PRT, SVK, TUR]
9.b	$GDPBV = GDPV - CGW / PCGW - NITV - CFKG / PIG - GDPCSA$	[NOR]
9.c	$GDPBV = GDPBV(-1) / (GDPCSA(-1) * PGDP(-1) - CGW(-1) - (TIND(-1) - TSUB(-1)) - CFKG(-1)) * (GDPCSA / GDPCSA(-1)) * (GDPCSA(-1) * PGDP(-1)) - TEMP * CGW(-1) - TEMP1 * CFKG(-1) - NITV / NITV(-1) * (TIND(-1) - TSUB(-1)))$	[NZL]
9.d	$GDPBV = GDPBV(-1) * (GDPV / GDPV(-1)) * (GDP / (GDP - (CGW + CFKG) - (TIND - TSUB))) + GDP(-1) / (GDP(-1) - (CGW(-1) + CFKG(-1)) - (TIND(-1) - TSUB(-1))) - ((CGW + CFKG) * ZCS014(-1)) / ((CGW(-1) + CFKG(-1)) * ZCS014) * ((CGW + CFKG) / (GDP - (CGW + CFKG) - (TIND - TSUB)) + (CGW(-1) + CFKG(-1)) / (GDP(-1) - (CGW(-1) + CFKG(-1)) - (TIND(-1) - TSUB(-1)))) - NITV / NITV(-1) * ((TIND - TSUB) / (GDP - (CGW + CFKG) - (TIND - TSUB)) + (TIND(-1) - TSUB(-1)) / (GDP(-1) - (CGW(-1) + CFKG(-1)) - (TIND(-1) - TSUB(-1)))) / 2$	[USA]
9.e	$GDPBV = GDPBV(-1) / (GDP - (CGW + CFKG) - (TIND - TSUB)) * (GDPV / GDPV(-1)) * GDP - (CGW / PCGW) / (CGW(-1) / PCGW(-1)) * CGW - NITV / NITV(-1) * (TIND - TSUB) - (CFKG / PIG) / (CFKG(-1) / PIG(-1)) * CFKG$	[CAN]
10	$TEVX = TDDV - CGW / PCGW + XGSV$	

11	TEV = TDDV + XGSV	
12	Related variable: INDPRO	
13	STOCKV = STOCKV(-1) + ISKV	[G7 countries]
13a	STOCKV = STOCKV(-1) + ISKV + ZCS001 (ZCS001=0 except for 1991)	[DEU]
14	XSNAV = XGSV - XGV	[DEU, FRA, GBR, CAN, DNK, ESP, SWE, SWI; history only]
15	MSNAV = MGSV - MGV	[DEU, FRA, GBR, CAN, DNK, ESP, SWE, SWI; history only]

3.1.2. Deflators

1	Pxx = xx / xxV xx = CP, CG, IT, FDD, ISK, TDD, XGS, MGS, GDP, GDPB, SDGDP, GNP	
2	PITCG = (GDP- XGS + MGS - CP) / (TDDV - CPV)	
3	PTE = (TDD - CGW) / (TDDV - CGW / PCGW)	
4	PCGNW = CGNW / (CGV - CGW / PCGW)	
4a	PCGNW = CGNW / (CGAA / PCG - CGW / PCGW)	[CZE, HUN, NZL, POL, BEL]
4b	PCGNW = CGNW / (CGAA / PCG - CGW / PCGW - CFKG/PIG)	[KOR]
5	LLRPCP = (1/(GDPBV+MGSV+NITV-XGSV)) * (GDPBV*DLOG(PGDGPB/PGDGPB(-1)) + MGSV*DLOG(PMGS/PMGS(-1)) - XGSV*DLOG(PXGS/PXGS(-1)) + NITV * (DLOG((TIND-TSUB)/NITV(N))-DLOG((TIND(-1)-TSUB(-1))/NITV(N-1))))	[G7 countries, CZE, HUN, KOR, POL]
6	Related variables: PCPH [CAN, FRA, ITA, JPN, USA], RHP [GBR]	

3.1.3. Values

1	FDD = CP + CG + IT	
2	TDD = FDD + ISK	
3	FBGS = XGS - MGS	
4	GDP = CP + CG + IT + ISK + FBGS	
4.a	GDP = CP + CG + IT + ISK + FBGS + SDGDP	[AUS, AUT, FIN, GBR, IRE, KOR, LUX, NLD, TUR]
5	GNP = GDP + NYF	[IRE; for USA and JPN history only]
6	GDPD = GDP / PPP(overall base year)	
7	GDPB = GDP - CGW - (TIND - TSUB) - CFKG	
7.a	GDPB = GDP - CGW - (TIND-TSUB) - CFKG - ZCS003	[NOR]
7.b	GDPB = GDP - CGW - (TIND-TSUB)	[GRC, LUX, PRT, TUR]
7.c	GDPB = GDPBV * PGDPB	[NZL]

8	$XSNA = XGS - XG$	[CAN, CHE, DEU, DNK, ESP, FRA, GBR, SWE; history only]
9	$MSNA = MGS - MG$	[CAN, DEU, FRA, GBR, DNK, ESP, SWE; history only]

3.1.4. Investment

1	$IBV = ITV - IGV - IHV$	[n.a.: HUN, POL, SVK]
1	$IBV = ITV - IGV - IHV$	
1.a	$IBV = ICNHV + IMEQV + IGBV + ICSA$	[AUS; this means that the general description of ICNHV is not correct for AUS as it is only private investment]
1.b	$IBV = ICNHV + IMEQV - IGV$	[ITA]
1.c	$IBV = ICV + IMEQV - IHV - IGV$	[CHE, IRE]
1.d	$IBV = ICNHV + IMEQV - (IGV - ZCS004) + ICSA$	[KOR]
2	$ICSA = IBV + IGBV$	[JPN, GBR]
2.a	$ICSA = IBV - IOBV - ISHV - IOILV$	[NOR]
3	$IBBV = IBV$	
3.a	$IBBV = ICSA$	[JPN, GBR, NOR]
4	$IBCSV = IBBV - IBV$	
5	$IPV = IBV + IHV$	[n.a.: CZE, HUN, POL, SVK, TUR]
5.a	$IPV = IPV(-1) / (IH(-1) + IB(-1)) * (IH(-1) * IHV / IHV(-1) + IB(-1) * IBV / IBV(-1)) + ZCS012$	[NZL]
5.b	$IPV = IPV(-1) / (IH(-1) + IB(-1)) * (IH(-1) * IHV / IHV(-1) + IB(-1) * IBV / IBV(-1)) + ZCS005$	[CAN]
6	$ITV = IPV + IGV$	[n.a.: CZE, HUN, POL, SVK]
6.a	$ITV = ICV + IMEQV$	[TUR]
6.b	$ITV = ICV + IMEQV = IBV + IHV + IGV - ZCS004$	[KOR; this means that the general description of IHV is not correct for KOR as it includes government housing investment; ZCS004 = IHGV]
6.c	$ITV = ITV(-1) / IT(-1) * (IG(-1) * IGV / IGV(-1) + (IH(-1) + IB(-1)) * IPV / IPV(-1)) + ZCS020$	[NZL]
6.d	$ITV = ITV(-1) / IT(-1) * (IG(-1) * IGV / IGV(-1) + (IH(-1) + IB(-1)) * IPV / IPV(-1)) + ZCS006$	[CAN]
7	$ICV = ITV - IMEQV$	[DEU]
7.a	$ICV = ICNHV + IHV$	[KOR, TUR]
7.b	$ICV = ITV - IMEQV$	[CAN, FRA]
8	$ICNHV = ICV - IHV$	[ITA]
9	$KBV = IBV + KBV(-1) * (1.0 - RSCR_B / 100)$	[n.a. CZE, HUN, ISL, MEX, POL, PRT, TUR]
9.a	$KBV = ICSA + KBV(-1) * (1.0 - RSCR_B / 100)$	[JPN]
9.b	$KBV = IOBV + KBV(-1) * (1.0 - RSCR_B / 100)$	[NOR]
10	$KHV = IHV + KHV(-1) * (1.0 - RSCR_H / 100)$	[G7 countries]
11	$IT = IB + IH + IG$	
11.a	$IT = IB + IH + IG + IENTG$	[JPN]
11.b	$IT = IB + IH + IG - ZCS005$	[KOR; this means that the general description of IHV is not correct for KOR as it includes government housing investment; ZCS005=IHG]

11.c	$IT = IB + IH + ZCS010$	[NOR]
11.d	$IT = ZCS003 * ICV + ZCS004 * IMEQV$	[TUR]
12	$IC = IT - IMEQ$	[DEU, CAN, AUT, TUR]
13	$PIB = IB / IBV$	[n.a.: CZE, HUN, POL, PRT, TUR, SVK]
14	$PIH = IH / IHV$	[n.a.: CZE, HUN, POL, PRT, TUR, SVK]
15	$PIG = IG / IG V$	[n.a.: CZE, HUN, KOR, POL, SVK]
15.a	$PIG = (IG + IENTG) / IG V$	[JPN]
16	$PIT = IT / ITV$	
17	$PIC = IC / ICV$	[USA, FRA, ITA, CAN, AUT, IRE, MEX, NLD, ESP, CHE, TUR, GBR]
17.a	$ZCS007 = IC / ICV$	[DEU]
17.b	$ZCS003 = PIC$	[TUR]
17.c	$PIC = ICNH / ICNHV$	[GBR]
18	$PIME = IMEQ / IMEQV$	[USA, FRA, ITA, CAN, AUT, IRE, MEX, NLD, CHE, TUR, AUS]
18.a	$PIME = (IMEQ-IGME)/(IMEQV-IGMEQV)$	[GBR]
18.b	$ZCS004 = PIME$	[TUR]
18.c	$ZCS008 = IMEQ / IMEQV$	[DEU]
19	Related variables: IHG, IHGV	[GBR, KOR; history only]

3.2. Supply block⁴

[n.a. CZE, HUN, KOR, LUX, MEX, POL, SVK, TUR]

[n.a. PRT except XNITV and GDPVTR]

3.2.1. Core

1	LFS = LFPRS * POPT / 100	
1.a	LFS = LFPRS * ZCS001 / 100	[IRE]
2	ETBPT = XLFS * LFS - EG - XLFS * LFS * NAIRU / 100.	
2.a	ETBPT = CLFS * LFS - EG - CLFS * LFS * NAIRU / 100.	[USA,ITA,FIN,IRE]
2.b	ETBPT = XLFS * LFS - EG - ECSA - XLFS * LFS * NAIRU / 100.	[GBR, NOR]
3	ELEFF2 = HP(ELEFFU) HRST=HP(HRS) HP: Hodrick-Prescott filter	
4	XTAU = MEAN (WSSE*ETB/GDPB)	[exc. JPN]
5	QBVTR = ((ELEFF2*ETBPT*HRST)**XTAU) * (KBV**(1-XTAU))	[excl. AUT, JPN]
5.a	QBVTR = ((ELEFF2*ETBPT)**XTAU) * (KBV**(1-XTAU))	[AUT]
5.b	QBVTR = (XOBETA/10**10*((ELEFF2*ETBPT*HRST/100)**((XTAU-1)/XTAU)) + XOGAMA*(KBV**((XTAU-1)/XTAU))) ** (XTAU/(XTAU-1))	[JPN]
6	XNITV = [TIND(base year)-TSUB(base year)]/(GDP(base year)-CGW(base year))	
7	GDPVTR = (QBVTR + CFKG/PIG)/(1-XNITV) + CGW/PCGW	
7.a	GDPVTR = (QBVTR + GDPCSA + CFKG/PIG) / (1-XNITV) + CGW/PCGW - GDPCSA	[NOR]
7.b	GDPVTR = (QBVTR + CFKG/PIG + SDGDPV)/(1-XNITV) + CGW/PCGW	[IRE]
7.c	GDPVTR = Production function based on total economy	[PRT]
8	GAP = (GDPV / GDPVTR -1) * 100	
8.a	GAP = (ZCS001 / GDPVTR -1) * 100	[AUS]
8.b	GAP = (ZCS004 / GDPVTR -1) * 100	[NOR]
8.c	GAP = (GDPCSA / GDPVTR -1) * 100	[NZL]
9	IFU3 = GDPVTR / GDPV	
9.a	IFU3 = GDPVTR / ZCS001	[AUS]
9.b	IFU3 = GDPVTR / ZCS004	[NOR]
9.c	IFU3 = (GDPVTR + GDPVTR(-1)) / (GDPCSA + GDPCSA(-1))	[NZL]
10	GDPTR = GDP * IFU3	
10.a	GDPTR = ZCS005 * IFU3	[NOR]

⁴ See also:

- Giorno, C., P. Richardson, D. Rosevaere and P. Van den Noord (1995), 'Estimating potential output, output gaps and structural budget balances', *OECD Economics Department Working paper*, No.152
- Giorno, C. and W. Suyker (1997), "Les estimations de l'écart de production de l'OCDE", *Économie Internationale*, No. 69, pp. 109-134

3.2.2. Values of supply block coefficients

	xlfs	xtau	xobeta	xogama	xnitv
usa	0	0.671664			0.084689
jpn	1	0.4	1.22843	0.676836	0.073872
deu	1	0.671755			0.101683
fra	1	0.679848			0.161077
ita	0	0.684201			0.119552
gbr	1	0.710336			0.13597
can	1	0.672114			0.149503
aus	1	0.623293	3.24E-07	0.638852	0.129303
bel	0	0.707085	1.2E-07	0.911489	0.121175
dnk	1	0.661349	9.41E-08	1.790479	0.174783
fin	0	0.645724	0.000552	0.682809	0.128662
grc	1	0.647153	8.12E-05	0.355744	0.148023
isl	1	0.720115			0.206056
ire	0	0.677722	6.73E-07	2.078347	0.139263
nld	0	0.652292	2.74E-07	1.184864	0.108352
nor	1	0.719091	1.43E-09	0.734821	0.150967
prt					0.146697
esp	0	0.612374	0.000144	0.512972	0.102515
swe	1.015055	0.690093	1.41E-08	1.249051	0.120421
che	1	0.666956	0.000896	0.710619	0.05352
aus	1	0.623293	3.24E-07	0.638852	0.129303
nzl	1	0.59247	7.8E-07	0.841456	0.148601

	XLFS	XTAU	XOBETA	XOGAMA	XNITV
United States		0.673			0.0847
Japan	1	0.400	1.228	0.677	0.0738
Germany	1	0.672			0.1017
France	1	0.665			0.1611
Italy		0.689			0.1196
United Kingdom	1	0.710			0.1360
Canada	1	0.671			0.1495
Austria	1	0.761	1.12E-09	1.096	0.1300
Belgium		0.696	1.20E-07	0.911	0.1212
Denmark	1	0.660	9.39E-08	1.819	0.1748
Finland		0.646	5.51E-04	0.683	0.1287
Greece	1	0.631	7.86E-05	0.428	0.1480
Iceland	1	0.726			0.2061
Ireland		0.681	6.75E-07	2.070	0.1393
Netherlands		0.653	2.75E-07	1.180	0.1084
Norway	1	0.719	1.43E-09	0.735	0.1510
Portugal					0.1467
Spain		0.625	1.50E-04	0.493	0.1025
Sweden	1.02	0.687	1.41E-08	1.249	0.1204
Switzerland	1	0.667	8.96E-04	0.710	0.0535
Australia	1	0.629	3.29E-07	0.638	0.1294
New Zealand	1	0.595	7.78E-07	0.842	0.1486

3.2.3. Miscellaneous

1	$ELEFFU = (GDPBV / ((ETB*HRS)**XTAU) * KBV**(1-XTAU)) ** (1/XTAU)$	[excl. AUT, JPN]
1.a	$ELEFFU = (GDPBV / ((ETB**XTAU) * KBV**(1-XTAU))) ** (1/XTAU)$	[AUT]
1.b	$ELEFFU = (((GDPBV**((XTAU-1)/XTAU) - XOGAMA*(KBV**((XTAU-1)/XTAU))) / (XOBETA/10**10))**XTAU/(XTAU-1)) / (ETB*HRS/100)$	[JPN]
2	$GAPPRD = (ELEFFU / ELEFF2 - 1.0) * 100.$	
3	$GAPUNR = NAIRU - UNR$	
4	$GAPLFP = (LFPR / LFPRS - 1) * 100$	
5	$GAPHR = (HRST / HRS - 1) * 100$	[excl. AUT]
6.a	$QBSV = ((ELEFF2*ETB*HRST)**XTAU) * (KBV**(1-XTAU))$	[USA, DEU, FRA, ITA, GBR, CAN, ISL]
6.b	$QBSV = (XOBETA/10**10*((ELEFF2*ETB*HRST/100)**((XTAU-1)/XTAU)) + XOGAMA*(KBV**((XTAU-1)/XTAU))) ** (XTAU/(XTAU-1))$	[JPN]
6.c	$QBSV = ((ELEFF2*ETB)**XTAU1 * (KBV**(1-XTAU1))$	[non-G7 countries]
7	$IFU = GDPBV / QBSV$	
8	$QBVPT = ((XOBETA * (ELEFF * ETBPT) ** ((XTAU1 - 1) / XTAU1)) + (XOGAMA * KBV ** ((XTAU1 - 1) / XTAU1))) ** (XTAU1 / (XTAU1 - 1))$	[non-G7 countries]
9	$IFU2 = GDPBV / QBVTR$	
9.a	$IFU2 = GDPBV / QBVPT$	[non-G7 countries]
10	$UCC = PIB * (XRHOR + XRSCR B + IRLRE) / 100$	
10.a	$UCC = PIB * (XRHOR + XRSCR B + 0.25 * (IRLRE + IRLRE(-1) + IRLRE(-2) + IRLRE(-3))) / 100$	[FIN]
11	$XRSCR B = MEAN(RSCR B)$	
12	$XRHOR = MEAN[GDPB - WSSE*ETB - PIB*KBV*(IRLRE+XRSCR B)/100] / [KBV*PIB]*100$	
12.a	$XRHOR = 7$	[IRE]
13	$CKL = ((WSSE / ELEFF2) ** XTAU) * UCC ** (1 - XTAU)$	
13.a	$CKL = ((WSSE / HRS / ELEFF2) ** XTAU) * UCC ** (1 - XTAU)$	[USA,DEU,FRA]
13.b	$CKL = ((XOGAMA ** XTAU * UCC ** (1 - XTAU)) + ((XOBETA / 10. ** 10) ** XTAU) * ((WSSE / (HRS / 100) / ELEFF2) ** (1 - XTAU))) ** (1 / (1 - XTAU))$	[JPN]
13.c	$CKL = (XOBETA ** XTAU1 * (WSSE / ELEFF) ** (1 - XTAU1) + XOGAMA ** XTAU1 * UCC ** (1 - XTAU1)) ** (1 / (1 - XTAU1))$	[non-G7 countries except FIN]
13.d	$ZCS002 = ZCS001/(ZCS001+KBV)$	[JPN]
13.e	$CKL = (XOBETA ** XTAU1 * (0.25 * (WSSE + WSSE(-1) + WSSE(-2) + WSSE(-3)) / ELEFF) ** (1.0 - XTAU1) + XOGAMA ** XTAU1 * UCC ** (1 - XTAU1)) ** (1 / (1 - XTAU1))$	[FIN]

3.3. Labour market

3.3.1. Employment, labour force, unemployment

1	$ES = ECSA + ECSB$	[GRC, ESP]
2	$ETB = EEP + ES$	
2.a	$ETB = EEP + ES - ECSA$	[NOR]
3	$EE = EEP + EG$	
4	$ET = EE + ES = ETB + EG$	
4.a	$ETNIA = EE + ES = ETB + EG$	[BEL, ESP, FIN, ITA, MEX, NLD, SWE, USA]
4.b	$ET = EE + ES + ECSA = ETB + EG + ECSA$	[GBR]
5	$EEA = EE - EENA$	[AUS]
6	$UN = LF - ET$	
6.a	$UN = LF - ZCS002$	[LUX]
7	$ZCS002 = ET - ZCS001$	[LUX]
8	$UNR = UN / LF * 100$	
8.a	$UNR = UN / ZCS001 * 100$	[CHE]
9	$ZCS001 = ZCS001(-1) * SSPG / SSPG(-1)$	[CHE; projection period]
10	$ZCS002 = UN / LF * 100$	[CHE]
11	$POPT = POPM + POPF$	
12	$LFPR = LF / POPT * 100$	
13	$EUFW = EUFW(-1)$	[projection period]
13.a	$EUFW = 0$	[CZE, GBR, GRC, HUN, ISL, POL, SVK]
14	Related variable POP	(history only)
15	$UNRPAM = UNPAM / LFPAM * 100$	[USA, UNPAM and LFPAM history only]
16	$PROD = GDPBV / ETB$	
17	$PDTY = [GDPV / ET] / [GDPV(overall base year) / ET(overall base year)]$	
17.a	$PDTY = [GDPV / ETNIA] / [GDPV(overall base year) / ETNIA(overall base year)]$	[BEL, ESP, FIN, ITA, MEX, NLD, SWE, USA]
18	Related variable: LTPRHP	

3.3.2. Wage rates

1	$WR = (WAGE - CGW) / EEP$	
1.a	$WR = (WAGE - WAGEG) / EEP$	[BEL, CZE, FIN, FRA, HUN, NLD, POL, SWE]
1.b	$WR = WAGE / EE$	[LUX]
2	$WRG = CGW / EG$	

3	$PCGW = WRG / WRG(\text{base year})$	
3.a	$PCGW = [WRG / WRG(\text{base year})] / ZCS005$	[BEL; NLD]
4	$WSSE = (WSSS - CGW) / EEP$	
4.a	$WSSE = WSSS / ET$	[LUX]
5	$WSRE = (WSSE / WSSE(\text{overall base year})) / (PCP / PCP(\text{overall base year}))$	
6	$RLC = (WSSE / WSSE(\text{overall baseyear})) / (PGDPB / PGDPB(\text{overall baseyear}))$	
7	$ULC = (WSSS / WSSS(\text{overall base year})) / (GDPV / GDPV(\text{overall base year}))$	
8	$ULCB = (WSSE * ETB) / GDPBV$	[n.a. TUR]
9	$ULCM = ULCM(-1) * ULCMAN/ULCMAN(-1)$	[projection period only]
10	$ULCMB = ULCM$	
11	Related variables: WRMAN, WCSB [USA]	

3.4. *Households appropriation account*

1	$CGW = WAGEG + TRPGSH + TRPGPH$	[DEU, NLD, SWE]
1.a	$CGW = WAGEG + TRPGSH$	[FIN, FRA, HUN, POL]
1.b	$CGW = WAGEG$	[CZE, MEX, SVK]
2	$WAGE = WR * EEP + WAGEG$	[BEL, CZE, FIN, FRA, HUN, NLD, POL, SWE]
2.a	$WAGE = WR * EEP + CGW$	
2.b	$WAGE = WR * EE$	[LUX]
2.c	$WAGE = WSSS / 0.83$	[MEX]
3	$WSSS = (WR * EEP + TRPBSH + TRPBPH) + CGW$ $= WAGE + TRPBPH + TRPBSH$	
4	$TRPBTH = TRPBSH + TRPBPH$	[history only; available for USA, DEU, FRA, GBR, CAN, AUS, AUT, BEL, FIN, NOR, PRT, ESP]
5	$YPE = YRENT + YDIV + YINT$	[USA]
6	$YOTH = YPE + YSE$	
6.a	$YOTH = .5 * WSSS$	[MEX]
7	$YSES = YSE / ES$	[ITA, PRT]
8	$YCSA = YOTH - YCSB$	[GRC, ESP]
9	$TRRH = SSPG + TRPG$	[HUN, POL]
9.a	$TRRH = ZC003 + ZCS004$	[CHE]
9.b	$TRRH = SSPG + TRPG + ZCS001$	[NLD]
9.c	$TRRH = ZCS001 + ZCS002$	[GRC, ESP]
9.d	$TRRH = ZC003 + ZCS004 + ZCS005$	[DNK]
9.e	$TRRH = SSPG$	[TUR]
9.f	$TRRH = TXTR * (WAGE + YOTH)$	[ISL, LUX, MEX]
9.g	$TRRH = SSPG + ZCS001$	[CZE]

10	$YRH = WSSS + YOTH + TRRH - INTDBT$	
10.a	$YRH = WSSS + YOTH + TRRH$	[CAN, FIN, SWE]
10.b	$YRH = WSSS + YOTH + TRRH + ZCS018 - ZCS019$	[DEU]
11	$TROPH = ZCS003 + ZCS004$	[NLD]
12	$TRPESH = ZCS001 + ZCS002$	[DNK]
12.a	$TRPESH = (1 - TXSSH) * TRPH$	[USA]
13	$TRSSH = TRPBSH + TRPGSH + TRPESH$	
13.a	$TRSSH = TRPBSH + TRPESH$	[CZE, DNK, FIN, DEU, KOR, CHE]
13.b	$TRSSH = TXSSH * TRPH$	[AUS, GRC, ISL, IRE, ITA, LUX, MEX, NOR, NZL, PRT, ESP, TUR, USA]
14	$TRPH = TROPH + TRSSH$	
14.a	$TRPH = TROPH + TRSSH + TRPBPH$	[FIN]
14.b	$TRPH = TXTR * (WAGE + YOTH)$	[ISL, LUX, MEX]
14.c	$TRPH = SSRG$	[TUR]
15	$RTRPH = TRPH / (WAGE + YSE)$	[CZE, DNK, FRA, HUN, POL, PRT, SWE]
16	$YDH = YRH - TYH - TRPH$	
16.a	$YDH = YRH - TYH - TRPH - INTDBT$	[FIN, DEU, SWE]
17	$YDRH = YDH / PCP$	
18	$CPAA = CP$	[history and projection period: AUS, CAN, DNK, DEU, HUN, ISL, MEX, NLD, ESP, SWE, CHE, SVK, TUR,]
18.a	$CPAA = CPAA(-1) * CP/CP(-1)$	[projection period only: CZE, ITA, NOR, POL]
18.b	$CPAA = CPAA(-1) * [CP + \{CG-CGAA\} / [CP(-1) + \{CG(-1)-CGAA(-1)\}]]$	[projection period only: HUN]
18.c	$CPAA \# CP$	[AUT, BEL, FIN, FRA, GRC, IRE, ITA, JPN, NZL, PRT, GBR, USA]
19	$YPH = CPAA + TYH + TRPH$	[BEL, CZE, GBR, GRC, HUN, IRE, ITA, JPN, NOR, POL, PRT, USA]
19.a	$YPH = CP + TYH + TRPH$	[AUS, AUT, CAN, CHE, DNK, ESP, FRA, ISL, LUX, MEX, NLD, TUR, USA]
19.b	$YPH = CP + TYH + TRPH + INTDBT$	[DEU, FIN, SWE]
20	$SAVH = YDH - CPAA = YRH - YPH$	[CZE, GRC, HUN, IRE, ITA, NOR, POL, SVK]
20.a	$SAVH = YDH - CP = YRH - YPH$	[AUS, CAN, CHE, FRA, ISL, IRE, LUX, MEX, NZL, TUR, USA]
20.b	$SAVH = YDH - CP + EQPF = YRH - YPH + EQPF$	[DEU, DNK, ESP, FIN, KOR, NLD, SWE]
20.c	$SAVH = YDH - CPAA + EQPF = YRH - YPH + EQPF$	[AUT, BEL, GBR, PRT]
21	$SRATIO = SAVH / YDH * 100$	[AUS, CAN, CHE, CZE, HUN, FRA, GRC, IRE, ISL, ITA, NOR, NZL, POL, SVK, TUR, USA]
21.a	$SRATIO = (SAVH / (YDH + EQPF)) * 100$	[AUT, BEL, DEU, DNK, ESP, FIN, GBR, JPN, KOR, NLD, PRT, SWE]
22	$NLH = SAVH - IH$	
22.a	$NLH = SAVH$	[CZE, HUN, POL, SVK]
22.b	$NLH = SAVH - IHV * PITCG$	[LUX, MEX]
22.c	$NLH = SAVH + ZCS001 + ZCS002 - ZCS003$	[KOR]
22.d	$NLH = SAVH - IH * PIT$	[PRT]
22.e	$NLH = SAVH - IH - ZCS005$	[CHE]
22.f	$NLH = SAVH - IH + ZCS002$	[FRA]
23	$TPBSSR = (TRPBSH + TRPBPH) / (WAGE - WAGEG)$	[CZE, HUN, POL]
23.a	$TPBSSR = (TRPBSH + TRPBPH) / WAGE$	

3.5. *Business appropriation account*

1	$NLB = - NLH - NLG + FBGS + (OFTD + NTTROD) / EXCH$	
2	$YB = GDP + BSII - TIND + TSUB - YPERG + YPEPG - CFKG - WSSS$	
3	$PROF = GDP - WSSS - YSE - TIND + TSUB$	[CZE, DNK, FRA, HUN, ITA, KOR, POL, PRT, SWE]
4	$PSB = ((GDPB - (WSSE * (ETB - EUFW))) / GDPB) * 100$	[n.a. EO72]
5	$RORB = (GDPB - (WSSE * (ETB - EUFW))) / (KBV*PIB) * 100$	[n.a. EO72.]
5.a	$RORB = (GDPB - (WSSE * (ETB - EUFW))) / (KBV*ZCS002) * 100$	[n.a. EO72.]

3.6. *Government appropriation account, not cyclically-adjusted*

3.6.1. *Current government revenues*

1	$TYB = ZCS006 + ZCS011$	[NOR]
2	$TY = TYH + TYB$	
2.a	$TY = TYH + TYB + ZCS020$	[DEU]
2.b	$TY = TYH + TYB + ZCS002$	[NLD]
3	$TIND = ZCS007 + ZCS012$	[NOR]
4	$SSRG = TRSSH$	[CAN, GBR, HUN, ITA, KOR, NLD]
4.a	$SSRG = TRSSH + ZCS005$	[DEU]
4.b	$SSRG = TRSSH + ZCS002$	[CZE]
4.c	$SSRG = TRSSH - ZCS001$	[FRA]
4.d	$SSRG = TRPH$	[LUX, MEX]
4.e	$SSRG = TRSSH + TRPBPH$	[SWE]
4.f	$SSRG = TRSSH / TXSSH$	[ITA]
5	$YPERG = YPERGX + GGINTR$	
6	$ZCS008 = YPERG - ZCS013$	[NOR]
7	$YRG = TY + TIND + SSRG + TRRG + YPERG$	
8	$YRGQ = YRG / GDP * 100$	
9	$YRGX = YRG - GGINTR$	
10	$TRSSRG = SSRG + TRRG$	[history only; not available for USA, JPN, CZE, ISL, IRE, LUX, MEX, NLD, NZL, POL, CHE, TUR]
11	$RTYB = TYB / PROF * 100$	[CZE, DNK, HUN, ITA, KOR, NZL, POL, PRT, SWE]
11.a	$RTYB = TYB / PROF(-2) * 100.$	[FRA]
12	$RTYH = TYH / YRH * 100$	[CZE, DNK, HUN, ITA, KOR, POL, PRT, SWE]
12.a	$RTYH = TYH / YRH(-2) * 100$	[FRA]

13	$RTIND = TIND / FDD$	
14	$RTIND2 = TIND / CP * 100$	[CZE, DNK, FRA, HUN, ITA, KOR, NZL, POL, PRT, SWE]
15	$RSSRG = SSRG / (WAGE + YSE) * 100$	[CZE, DNK, FRA, HUN, ITA, KOR, POL, PRT, SWE]
16	$TAXQ = (TY + TIND + SSRG) / GDP * 100$	[CZE, DNK, FRA, HUN, ITA, KOR, NZL, POL, PRT, SWE]

3.6.2. Current government outlays

1	$CGAA = CG = CGW + CGNW$	
1.a	$CGAA = CGW + CGNW$	[AUS, BEL, CHE, CZE, DEU, FRA, GRC, HUN, IRE, ITA, NOR, NZL, POL]
1.b	$CGAA = CGW + CGNW + CFKG$	[KOR]
2	$CGAA = CGAA(-1) * CG/CG(-1)$	[KOR, CZE; projection period only]
2.a	$CG = CGAA$	[MEX, GBR]
2.b	$CG = CG(-1) * CGAA/CGAA(-1)$	[NOR; projection period only]
3	$YPEPG = YPEPGX + GGINTP$	
4	$SSPG = ZCS003 + ZCS004$	[DNK]
4.a	$SSPG = TRPP + TRPNRF$	[CAN; TRPP and TRPNRF for history only]
5	$TRPG = ZCS005 + ZCS008$	[DNK]
6	$YPG = CG + YPEPG + TSUB + SSPG + TRPG$	
6.a	$YPG = CGAA + YPEPG + TSUB + SSPG + TRPG$	[AUS, CZE, DEU, FRA, GRC, HUN, IRE, ITA, KOR, NOR, NZL, PRT, POL,]
7	$YPGX = YPG - GGINTP$	
8	$TRSSPG = SSPG + TRPG$	[history only; not available for CHE, CZE, IRE, ISL, LUX, MEX, NZL, POL, TUR, USA]

3.6.3. Government capital account and deficits

1	$SAVG = YRG - YPG$	
2	$IG = IGCON + IGME$	[DEU; history only]
3	$RESTG = ZCS006 + ZCS007$	[KOR]
3.a	$RESTG = ZCS018 + ZCS020$	[USA]
4	$IGAA = IG$	[exc. FRA, CZE, HUN, NZL, POL]
4.a	$IGAA \approx IGAA(-1) * IG/IG(-1)$	[FRA, CZE, HUN, NZL, POL, projection]
4.b	$KTRRG = ZCS016 + ZCS017$	[USA]
5	$CAPOG = IG + RESTG - KTRRG - CFKG$	
5.a	$CAPOG = IGAA + RESTG - KTRRG - CFKG$	[JPN, FRA, GBR, DEU, CZE, HUN, NZL, POL]
6	$IGG = IG + RESTG$	

6.a	$IGG = IGAA + RESTG$	[FRA, CZE, HUN, IRE, NZL, POL]
7	$CFKG = 0$	[GRC, HUN, MEX POL, PRT]
7.a	$CFKG = ZCS007 + ZCS008$	[USA]
8	$YPGT = YPG + CAPOG$	
9	$YPGTX = YPGT - GGINTP$	
10	$YPGTQ = YPGT / GDP * 100$	
11	$NLG = SAVG - CAPOG = YRG - YPGT$	
12	$ZCS014 = NLG - (ZCS006 + ZCS007 + ZCS008)$	[NOR]
13	$IGG = IG + RESTG$	
13.a	$IGG = IGAA + RESTG$	[FRA, CZE, HUN, NZL, POL]
14	$GNINTP = GGINTP - GGINTR$	
14.b	$GNINTP = GFINT + GLINTP$	[USA]
15	$GNINTQ = GNINTP / GDP * 100$	
16	$NLGX = NLG + GNINTP$	
17	$NLGQ = NLG / GDP * 100$	
18	$NLGXQ = NLGX / GDP * 100$	
19	$ZCS012 = SAVG / GDP * 100$	[USA]
20	$NLGM = NLG + ZCS017$	[DEU, FRA, SWE]
21	$NLGMQ = NLGM / GDP * 100$	[DEU, FRA, SWE]

3.6.4. Accounts for federal and state & local government

(Only available for the United States)

1	$GFY = TFYB + TFYH + TFIND + TRFSSH$
2	$CGFNW = CGFDNW + CGFONW$
3	$CGFW = CGFDW + CGFOW$
4	$CGF = CGFNW + CGFW$
5	$SSPFG = SSPFGH + SSPFGW$
6	$GFP = CGF + SSPFG + SUBF + GFINT + GFAIDS$
7	$GFSURP = GFY - GFP - IGF + ZCS007 + ZCS016 - ZCS018$
8	$ZCS010 = GFY - GFP$
9	$ZCS013 = ZCS010 / GDP * 100.$

10 $GLY = TLYB + TLYH + TLIND + TRLSSH + GFAIDS$

11 $CGL = CGLNW + CGLW$

12 $GLP = CGL + SSPLG + SUBL + GLINT - ZCS015$

13 $GLSURP = GLY - GLP - IGL + ZCS008 + ZCS017 - ZCS020$

14 $ZCS011 = GLY - GLP$

15 $ZCS014 = ZCS011 / GDP * 100.$

16 $TYB = TFYB + TLYB$

17 $TYH = TFYH + TLYH$

18 $TIND = TFIND + TLIND$

19 $SSRG = TRFSSH + TRLSSH$

20 $CGNW = CGFNW + CGLNW$

21 $CGW = CGFW + CGLW$

22 $SSPG = SSPFG + SSPLG$

23 $TSUB = SUBF + SUBL$

24 $YPEPG = GGINTP + ZCS015$

25 $IG = IGF + IGL$

26 $CFKG = ZCS007 + ZCS008$

27 $NLG = GFSURP + GLSURP$
(given that $RESTG = KTRRG = 0.$)

28 $CGFV = CGF / ZCS001$

29 $CGLV = CGL / ZCS002$

30 $IGFV = IGF / ZCS003$

31 $IGLV = IGL * ZCS005$

32 $CGV = CGFV + CGLV$

33 $IGV = IGFV + IGLV$

34 $GFRQA = (TFYB*(XALPHA*IFU3**XTYBEL + (1-XALPHA)*IFU3(-1) **XTYBEL)$
 $+ TFYH*IFU3**XTYHEL + TFIND*IFU3**XTINDE + TRFSSH * IFU3**XSSRGE) *$
 $100. / (GDP*IFU3)$

35 $GFPQA = (GFP-GFAIDS) * IFU3**XYPGEL + GFAIDS + ZCS009) * 100. /$
 $(GDP*IFU3)$

36 $NLGFQA = GFRQA - GFPQA + (- IGF + ZCS007 - ZCS018 + ZCS016) * 100. / (GDP *$
 $IFU3)$

37 $NLXFQA = NLGFQA + GFINT * 100. / (GDP * IFU3)$

38	$\text{GLRQA} = (\text{ TLYB}*(\text{XALPHA}*\text{IFU3}**\text{XTYBEL} + (1-\text{XALPHA})*\text{IFU3}(-1) **\text{XTYBEL}) + \text{ TLYH}*\text{IFU3}**\text{XTYHEL} + \text{ TLIND}*\text{IFU3}**\text{XTINDE} + \text{ TRSSH} * \text{ IFU3}**\text{XSSRGE} + \text{ GFAIDS}) * 100. / (\text{GDP}*\text{IFU3})$
39	$\text{GLPQA} = \text{GLP} * \text{IFU3}**\text{XYPGEL} * 100. / (\text{GDP}*\text{IFU3})$
40	$\text{NLGLQA} = \text{GLRQA} - \text{GLPQA} + (- \text{ IGL} + \text{ ZCS008} - \text{ ZCS020} + \text{ ZCS017}) * 100. / (\text{GDP} * \text{IFU3})$

3.7. *Government appropriation account, cyclically-adjusted*⁵

[n.a. CZE, HUN, KOR, MEX, LUX, POL, CHE, SVK, TUR]

1	$\text{TYHA} = \text{TYH} * \text{IFU3}**\text{XTYHEL}$	
1.a	$\text{TYHA} = (\text{TYH} + \text{ZCS020}) * \text{IFU3}**\text{XTYHEL}$	[DEU]
2	$\text{TYBA} = \text{TYB} * (\text{XALPHA}*\text{IFU3}**\text{XTYBEL} + (1-\text{XALPHA})*\text{IFU3}(-1)**\text{XTYBEL})$	
2.a	$\text{TYBA} = (\text{TYB}+\text{ZCS002}) * (\text{XALPHA}*\text{IFU3}**\text{XTYBEL} + (1-\text{XALPHA})*\text{IFU3}(-1)**\text{XTYBEL})$	[NLD]
2.b	$\text{TYBA} = \text{ZCS011}*(\text{XALPHA}*\text{IFU3}**\text{XTYBEL}+(1-\text{XALPHA})*\text{IFU3}(-1)**\text{XTYBEL})$	[NOR]
3	$\text{TINDA} = \text{TIND} * \text{IFU3}**\text{XTINDE}$	
3.a	$\text{TINDA} = \text{ZCS012} * \text{IFU3}**\text{XTINDE}$	[NOR]
4	$\text{SSRGA} = \text{SSRG} * \text{IFU3}**\text{XSSRGE}$	
5	$\text{YRGA} = \text{TYHA} + \text{TYBA} + \text{TINDA} + \text{SSRGA} + \text{TRRG} + \text{YPERG}$	
5.a	$\text{YRGA} = \text{TYHA} + \text{TYBA} + \text{TINDA} + \text{SSRGA} + \text{TRRG} + \text{ZCS013}$	[NOR]
6	$\text{YRGQA} = \text{YRGA} / \text{GDPTR} * 100$	
7	$\text{YPGXA} = (\text{YPG} - \text{GGINTP}) * \text{IFU3}**\text{XYPGEL}$	
7.a	$\text{YPGXA} = (\text{YPG} - \text{GGINTP} + \text{ZCS009}) * \text{IFU3}**\text{XYPGEL}$	[USA, JPN, DEU]
8	$\text{YPGXQA} = \text{YPGXA} / \text{GDPTR} * 100$	
9	$\text{YPGA} = \text{YPGXA} + \text{GGINTP}$	
10	$\text{YPGQA} = \text{YPGA} / \text{GDPTR} * 100$	
11	$\text{NLGA} = \text{YRGA} - \text{YPGA} - \text{CAPOG} - \text{ZCS015}$	
12	$\text{NLGXA} = \text{NLGA} + \text{GNINTP}$	
13	$\text{NLGQA} = \text{NLGA} / \text{GDPTR} * 100$	
14	$\text{NLGXQA} = \text{NLGXA} / \text{GDPTR} * 100$	

⁵ See also: Giorno, C., P. Richardson, D. Rosevaere and P. Van den Noord (1995), 'Estimating potential output, output gaps and structural budget balances', *OECD Economics Department Working paper*, No.152

<i>Values of tax and outlays elasticities</i>							
	xalpha	xyhel	xybel	xtinde	xssrge	xypgel	
United States	1	0.6	1.8	0.9	0.6	-0.1	
Japan	1	0.4	2.1	0.5	0.3	-0.1	
Germany	1	1.3	0.8	1.0	1.0	-0.1	
France	1	0.6	1.8	0.7	0.5	-0.2	
Italy	1	0.8	1.4	1.3	0.6	-0.1	
United Kingdom	1	1.4	0.6	1.1	1.2	-0.2	
Canada	1	1.2	1.0	0.7	0.9	-0.2	
Austria	1	0.7	1.9	0.5	0.5	0.0	
Belgium	1	1.3	0.9	0.9	1.0	-0.3	
Denmark	1	0.7	1.6	1.6	0.7	-0.5	
Finland	1	1.3	0.7	0.9	1.1	-0.4	
Greece	1	2.2	0.9	0.8	1.1	0.0	
Iceland	1	1.0	1.3	0.9	0.8	-0.2	
Ireland	1	1.0	1.2	0.5	0.8	-0.3	
Netherlands	1	1.4	1.1	0.7	0.8	-0.7	
Norway	1	0.9	1.3	1.6	0.8	-0.1	
Portugal	1	1.2	1.2	0.6	0.9	-0.1	
Spain	1	1.1	1.1	1.2	0.8	-0.1	
Sweden	1	1.2	0.9	0.9	1.0	-0.3	
Switzerland	1	1.0	1.2	1.0	0.8	-0.1	
Turkey							
Czech Republic							
Hungary							
Poland							
Mexico							
Korea							
Australia	1	0.6	1.6	0.4	0.6	-0.2	
New Zealand	1	1.2	0.9	1.2	1.1	-0.3	

3.8. Government debt

[n.a. CZE, HUN, LUX (except for history of GGFL and GGFLMQ), MEX, POL, CHE, TUR]

1	$GNFL = GNFL(-1) - NLG + SDGNFL$	
2	$GGFL = GNFL$	[GRC, IRE, PRT, SVK; GFAR = 0]
3	$GGFLM = (GGFLMQ(-1) + GGFLQ - GGFLQ(-1)) * GDP / 100$	[European Union countries except Ireland; projection period]
3.a	$GGFLM = GGFLM(-1) + GGFL - GGFL(-1)$	[Ireland; projection period]
4	$GGFL = GGFLM$	[AUT, BEL, GRC, IRE, ITA, NLD, PRT; history]
5	$GNFLQ = GNFL / GDP * 100$	
6	$GGFLQ = GGFL / GDP * 100$	
7	$GGFLMQ = GGFLM / GDP * 100$	[European Union countries; history]
7.a	$GGFLMQ = GGFLM / GDP * 100$	[European Union countries; projection period]

$$= \text{GGFLMQ}(-1) + \text{GGFLQ} - \text{GGFLQ}(-1)$$

8 Related variables: CGFL (G7 countries + DNK), CNFL [history only]
(USA, JPN, FRA, CAN, DNK)

3.9. Interest rates, exchange rates and monetary aggregates

1	$\text{IRSRC} = \text{IRS} - 100 * (\text{PCP} / \text{PCP}(-1) - 1)$	
2	$\text{IRLRC} = \text{IRL} - 100 * (\text{PCP} / \text{PCP}(-1) - 1)$	
3	$\text{IRSDFG} = \text{IRS} - \text{IRSGER}$	
4	$\text{IRLDFG} = \text{IRL} - \text{IRLGER}$	
5	$\text{IRSDFU} = \text{IRS} - \text{IRSUSA}$	
6	$\text{IRLDFU} = \text{IRL} - \text{IRLUSA}$	
7	$\text{IRWYP} = \text{XYPGIR} * \text{IRS} + (1 - \text{XYPGIR}) * \text{IRL}$	
8	$\text{IRLR} = \text{IRL} - 200.0 * (0.15 * \text{PGDP} / \text{PGDP}(-1) + 0.15 * \text{PGDP}(-1) / \text{PGDP}(-2) + 0.20 * \text{PGDP}(-2) / \text{PGDP}(-3) + 0.20 * \text{PGDP}(-3) / \text{PGDP}(-4) + 0.15 * \text{PGDP}(-4) / \text{PGDP}(-5) + 0.15 * \text{PGDP}(-5) / \text{PGDP}(-6) - 1.0)$	[identity shown on a half-yearly basis]
9	$\text{IRLRE} = \text{XIRLRE} * \text{IRLRE}(-1) + (1.0 - \text{XIRLRE}) * \text{IRLR}$ (XIRLE = 0.95)	[identity shown on a half-yearly basis;]
10	$\text{IRGOV} = \text{GGINTP} / \text{GGFL} * 100$	[DNK, FRA, ITA, PRT, SWE]
11	Related variables: IRL2 (USA, KOR, ITA), IRS2 (USA, KOR), IRCPV, IRFOR, IRLAF, IRLANF, IRLNLF	
12	$\text{EXCHUD} = 1 / \text{EXCH}$	
13	$\text{EXDML} = \text{EXCH} / \text{EXUSDM}$	
14	$\text{EXCHIN} = \text{EXCH} / \text{EXCH}(\text{overall base year})$	
15	$\text{EXCHE} = [\text{EXCH} / \text{EXCH}(\text{overall base year})] / \text{EXFORE}$	
16	Related variables: EXCHB25, PPP, EXFORF, EXCHEF, EXCHEX, EXPANF, EXPLNF, WWD	
17	$\text{EXCHER} = \text{EXCHE} / [\{ \text{PGDP} / \text{PGDP}(\text{overall base year}) \} / \text{PFOR2}]$	
18	$\text{VLCTY} = \text{GDP} / \text{MONEYYS}$	
19	Related variables: MONEYN(FRA, SWE, USA), ADCE	

3.10. External sector

3.10.1. Trade volumes

1	$\begin{aligned} XGVBAJ &= XGVB / XGVC \\ XGVBAJ &= XGVBAJ(-1) \end{aligned}$	<p>(history) (projection period)</p>
2	$\begin{aligned} XMOB &= [XGSV / XGSV(-1)] / [(XGVB + XSRV) / (XGVB(-1) + XSRV(-1))] \\ XMOB &= 1 \end{aligned}$	<p>(OECD countries: history) (OECD countries: projection period and non-OECD)</p>
3	$\begin{aligned} XGVB &= XGB / PXG \\ XGVB &= (XGSV / XGSV(-1)) / XMOB * (XGVB(-1) + XSRV(-1)) - XSRV \\ XGVB &= XGVC * XGVBAJ \end{aligned}$	<p>(history) (OECD countries: if not in history) (Non-OECD: projection period)</p>
4	$XSRV = XSR / PXS$	<p>(if PXS in history)</p>
5	$\begin{aligned} XGVC &= XGVB / XGVBAJ \\ XGVC &= XGVC(-1) * (XMV + XNV) / (XMV(-1) + XNV(-1)) \end{aligned}$	<p>(OECD countries: if not in history) (Non-OECD: projection period)</p>
6	$\begin{aligned} XNV &= XFV + XRV + XEV \\ XNV &= (XGVC / XGVC(-1)) * (XMV(-1) + XNV(-1)) - XMV \end{aligned}$	<p>(history only) (Non-OECD: if XMV not history and not projection period)</p>
7	$XMV = XGVC / XGVC(-1) * (XMV(-1) + XNV(-1)) - XNV$	<p>(OECD countries: if not in history)</p>
8	$\begin{aligned} MGVBAJ &= MGVB / MGVC \\ MGVBAJ &= MGVBAJ(-1) \end{aligned}$	<p>(history) (projection period)</p>
9	$\begin{aligned} MMOB &= [MGSV / MGSV(-1)] / [(MGVB + MSRV) / (MGVB(-1) + MSRV(-1))] \\ MMOB &= 1 \end{aligned}$	<p>(OECD countries: history) (OECD countries: projection period and non-OECD)</p>
10	$\begin{aligned} MGVB &= MGB / PMG \\ MGVB &= (MGSV / MGSV(-1)) / MMOB * (MGVB(-1) + MSRV(-1)) - MSRV \\ MGVB &= MGVC * MGVBAJ \end{aligned}$	<p>(history) (OECD countries: if not in history) (Non-OECD: projection period)</p>
11	$MSRV = MSR / PMS$	<p>(if PMS in history)</p>
12	$\begin{aligned} MGVC &= MGVB / MGVBAJ \\ MGVC &= MGVC(-1) * (MMV + MNV) / (MMV(-1) + MNV(-1)) \end{aligned}$	<p>(OECD countries: if not in history) (Non-OECD: projection period)</p>
13	$\begin{aligned} MNV &= MFV + MRV + MEV \\ MNV &= (MGVC / MGVC(-1)) * (MMV(-1) + MNV(-1)) - MMV \end{aligned}$	<p>(history only) (Non-OECD: if MMV not history and not projection period)</p>
14	$MMV = MGVC / MGVC(-1) * (MMV(-1) + MNV(-1)) - MNV$	<p>(OECD countries: if not in history)</p>
15	$XMVD = XMV * EXCH(\text{overall base year})$	
16	$XcVMKT_{i,t} = \sum_{j \in WLD} \omega_{ij,1995}^{m,c} * McV_{j,t} * EXCH_{j, \text{overall base year}}$ <p> $\forall i \in WLD \quad c=M, N, S(R)$ with: $\sum_{j \in WLD} \omega_{ij,1995}^{m,c} = 1 \quad \forall i \in WLD$ </p>	
17	$XGVMKT = XMVMKT + XNVVMKT$	
18	$XMPERF = XMVD / XGVMKT$	

19	$XNPERF = (XNV * EXCH(\text{overall baseyear})) / XNVMKT$	
20	$XGVCD = XGVC * EXCH(\text{overall base year})$	
21	$XGPERF = [(XMV + XNV) * EXCH(\text{overall base year})] / XGVMKT$	
22	$VRATIO = XGVC / MGVC$	
23	$MGVCD = MGVC * EXCH(\text{overall base year})$	
24	$yGSV = yGVB + ySRV$ $y = X, M$	(Non-OECD)

3.10.2. Trade prices

1	$PXG = [(PXGS / PXGS(-1) * (PXG(-1) * XGVB(-1) + PXS(-1) * XSRV(-1)) / (XGVB(-1) + XSRV(-1)) * (XGVB + XSRV)) - (PXS * XSRV)] / XGVB$	(projection period)
2	$PXN = (XFV * PXF + XRV * PXR + XEV * PXE) / (XFV + XRV + XEV)$	(history)
3	$PXM = [(PXG / PXG(-1) * (PXM(-1) * XMV(-1) + PXN(-1) * XNV(-1)) / (XMV(-1) + XNV(-1)) * (XMV + XNV)) - (PXN * XNV)] / XMV$	(if not in history)
4	$PMG = [(PMGS / PMGS(-1) * (PMG(-1) * MGVB(-1) + PMS(-1) * MSRV(-1)) / (MGVB(-1) + MSRV(-1)) * (MGVB + MSRV)) - (PMS * MSRV)] / MGVB$	(projection period)
5	$PMN = (MFV * PMF + MRV * PMR + MEV * PME) / (MFV + MRV + MEV)$	(history)
6	$PMM = [(PMG / PMG(-1) * (PMM(-1) * MMV(-1) + PMN(-1) * MNV(-1)) / (MMV(-1) + MNV(-1)) * (MMV + MNV)) - (PMN * MNV)] / MMV$	(if not in history)
7	$PxxD = Pxx * EXCHIN$ $xx = XM, XN, XG, XS(R), MM, MN, MG, MS(R), XF, XR, XE, MF, MR, ME$	(History only for F, R and E)
8	$Pxx = xx / xxV$ $xx = XM, XN, XG, XS(R), MM, MN, MG, MS(R), XF, XR, XE, MF, MR, ME$	(history) (History only for F, R and E)
9	$PyGS = yGS / yGSV, y = X, M$	(Non-OECD)
10	$PXCM = (PXCMD / EXCHIN)$	
11	$PXCcD_{i,t} = PXCcD_{i,t-1} * \sum_{j \in WLD} \omega_{ij,t-1}^{cs} * (PXC_{j,t} * EXCHIN_{j,t}) / (PXC_{j,t-1} * EXCHIN_{j,t-1})$ $\sum_{j \in WLD} \omega_{ij,t-1}^{cs} = 1; \forall i \in WLD,$ $c = M, S$	
12	$PXCS = (PXCSD / EXCHIN)$	

13	$\ln(PXCOMD_{i,t}) = \sum_{j \in WLD} \omega_{ij,t-1}^{cm} * [\alpha_j^{cm} \ln(PMM_{j,t}) + (1 - \alpha_j^{cm}) \ln\{PTDD_{j,t} / PTDD_{j,overallbaseyear}\}]$ $* \ln(EXCHIN_{j,t})$ $\sum_{j \in WLD} \omega_{ij,t-1}^{cm} = 1; \forall i \in WLD$	PXCOMD influences PXMD
14	$\ln(PMCSTD_{i,t}) = \sum_{j \in WLD} \omega_{ij}^{mm} * \ln(COSTXM_{j,t} * EXCHIN_{j,t})$ $\sum_{j \in WLD} \omega_{ij,t-1}^{mm} = 1; \forall i \in WLD$	PMCSTD influences PMM
15	$COSTXM = PMG ** \{MGC(-1)/(MGC(-1)+GDPB(-1))\}$ $+ \{CKL/CKL(overall base year)\} ** \{GDPB(-1)/(MGC(-1)+GDPB(-1))\}$	[G7 countries]
15.a	$COSTXM = PMG ** \{MGC(-1)/(MGC(-1)+GDPB(-1))\}$ $+ \{ULCB/ULCB(overall base year)\} ** \{(WSSS(-1)-CGW(-1))/(MGC(-1)+GDPB(-1))\}$ $+ \{UCC/UCC(overall base year)\} ** [\{GDPB(-1)-(WSSS(-1)-CGW(-1))\} / (MGC(-1)+GDPB(-1))]$	[non-G7 countries exc. POL]
15.b	$COSTXM = PMG ** \{MGC(-1)/(MGC(-1)+GDPB(-1))\} +$ $\{ULCMAN/ULCMAN(overall base year)\} ** \{(WSSS(-1)-CGW(-1))/(MGC(-1)+GDPB(-1))\}$ $+ \{UCC/UCC(overall base year)\} ** [\{GDPB(-1)-(WSSS(-1)-CGW(-1))\} / (MGC(-1)+GDPB(-1))]$	[POL]
16	$PXSHND = PXSHND(-1) * [XPXSF * WPHFD/ WPHFD(-1) + XPXSA * WPHAMD/ WPHAMD(-1) + XPXSM * WPHMMD/ WPHMMD(-1) + (1-XPXSF-XPXSA-XPXSM) * WPOIL/WPOIL(-1)]$ <p>Coefficients based on composition of XN in overall base year</p>	
17	$PMSHcD_{i,t} = PMSHcD_{i,t-1} * \sum_{j \in WLD} \omega_{ij,t-1}^{mc} * (PXcD_{j,t} / PXcD_{j,t-1})$ $\sum_{j \in WLD} \omega_{ij,t-1}^{mc} = 1; \forall i \in WLD; c = N, S$	
18	<p>Related variables: WPHAMD, WPHFBD, WPHD, WPHFD, WPHMMD, WPHTBD, WPOIL, WPUAMD, WPUUD, WPUFBD, WPUFD, WPUMMD, WPUTBD (only history)</p>	
19	TTRADE = PXG / PMG	
20	TTMANU = PXM / PMM	
21	TERMST = ((2*(XGS-MGS)) / ((XGS/XGSV)+(MGS/MGSV))) - (XGSV-MGSV):	[TERMST for history only]
22	RPXM = PXM / PXCM	
23	RPXS = PXS / PXCS	

3.10.3. Trade values

1	$XGSNAJ = (XGS * EXCH) / (XGBD + XSRD)$ $XGSNAJ = 1$	(OECD countries) (Non-OECD)
2	$XGCD = XGBD / XGVBAJ$ $XGCD = XGVC * PXG * EXCH$	(History) (projection period)
3	$XGC = XGCD / EXCH$ $XGC = XGVC * PXG$	(History) (projection period)
4	$XGD = XGC / EXCHUD$	
5	$XG = XGVB * XGSNAJ * PXG$	
6	$XS = XSRV * XGSNAJ * PXS$	
7	$MGSNAJ = (MGS * EXCH) / (MGBD + MSRD)$ $MGSNAJ = 1$	(OECD countries) (Non-OECD)
8	$MGCD = MGBD / MGVBAJ$ $MGCD = MGVC * PMG * EXCH$	(History) (projection period)
9	$MGC = MGCD / EXCH$ $MGC = MGVC * PMG$	(History) (projection period)
10	$MGD = MGC / EXCHUD$	
11	$MG = MGVBAJ * MGSNAJ * PMG$	
12	$MS = MSRV * MGSNAJ * PMS$	
13	$xx = P_{xx} * xxV$ $xx = XM, XN, MM, MN$	
14	$xxD = xx * EXCH$ $xx = XM, XN, MM, MN$	
15	$yGS = yGBD + ySRD$	(Non-OECD)

3.10.4. Current account of the balance of payments

1	$XGB = XGC * XGVBAJ$	(projection period)
2	$XSR = XSRV * PXS$	(projection period)
3	$MGB = MGC * MGVBAJ$	(projection period)
4	$MSR = MSRV * PMS$	(projection period)
5	$xxD = xx * EXCH$ $xx = XGB, MGB, XSR, MSR, XSII, MSII, OFT, NTTRO$	
6	$TBD = XGBD - MGBD$	
7	$BSRD = XSRD - MSRD$	
8	$BSIID = XSIIID - MSIIID$	

9	$SPTD = BSRD + BSIID + NTTROD$	
9	$INVBD = BSRD + BSIID + OFTD + NTTROD$	
10	$CBD = TBD + INVBD$	
11	$xx = xxD / EXCH$ $xx = TB, BSR, BSII, INVBD, CB$	
12	$CBGDPR = CB / GDP * 100$	(OECD countries)
13	$XSBD = XSRD + XSIID$	
14	$MSBD = MSRD + MSIID$	
15	$BSD = XSBD - MSBD$	
16	$BGSD = TBD + BSD$	

3.10.5. Capital and financial accounts of the balance of payments

1	$FIND = DIAD + PFAD + OTAD + DILD + PFLD + OTLD + RESD$	[history only]
2	$EOD = - (CBD + CAPD + FIND)$	[history only]
3	$BOSD = - RESD$	[history only]
4	$KFO = DIAD + PFAD + OTAD$	[history only]
5	$CAPFLO = BOSD - CBD - CFD$	
6	$DFA = BOSD / EXCH$	
7	$NFAD = FADD - FLDD$	
7.a	$NFAD = NFAD(-1) * RHOL(-1)/RHOL - CBD$	[projection period only; CZE, GRC, HUN, ISL, IRE, MEX, NZL, POL, PRT, ESP, TUR]
7.b	$NFAD = NFAD(-1) * RHOA(-1)/RHOA - CBD$	[projection period only; CHE]
8	$FADD = FADD(-1) * RHOL(-1)/RHOL - CBD + KFO$	[projection period only; n.a. for CZE, GRC, HUN, ISL, IRE, MEX, NZL, POL, PRT, ESP, CHE, TUR]
9	$FLDD = FLDD(-1) * RHOA(-1)/RHOA + KFO$	[projection period only; n.a. for CZE, GRC, HUN, ISL, IRE, MEX, NZL, POL, PRT, ESP, CHE, TUR]
10	$RAE = XSIID / FADD * 100$	[n.a. for CZE, GRC, HUN, ISL, IRE, MEX, NZL, POL, PRT, ESP, CHE, TUR]
11	$RLE = MSIID / FLDD * 100$	[n.a. for CZE, GRC, HUN, ISL, IRE, MEX, NZL, POL, PRT, ESP, CHE, TUR]
12	$RE = BSIID / NFAD * 100$	[GRC, ISL, IRE, MEX, NZL, PRT, ESP, CHE, TUR]
13	Related variables: RAL, RAS, RLL, RLS	

3.10.6. Competitiveness indicators⁶

$$1 \quad w1_{ij,t-1} = \sum_{k=1,\dots,N} [T_{ik,t-1} / \sum_{k=1,\dots,N} T_{ik',t-1}] [T_{jk,t-1} / \sum_{j'=1,\dots,N} T_{j'k,t-1}] \text{ if } i \neq j$$

$$w1_{ij,t-1} = 0 \text{ if } i=j$$

T_{ik} : export of manufactured goods from country i to country k (if $i \neq k$); production of the manufacturing sector (net of exports) (if $i=k$)

M: number of competitors

N: number of markets (countries and regions)

$$2 \quad XDR_{i,t} = XDR_{i,t-1} * \exp[\ln\{(X_{i,t} * EXCHIN_{i,t}) / (X_{i,t-1} * EXCHIN_{i,t-1})\}] - \sum_{j \in OECD, NON12} w1_{ij,t-1} * \ln\{(X_{j,t} * EXCHIN_{j,t}) / (X_{j,t-1} * EXCHIN_{j,t-1})\}]$$

$$\sum_{j \in OECD, NON12} w1_{ij,t-1} = 1 \forall i$$

XDR = ULCMDR if X = ULCM

XDR = CPIDR if X = CPI

XDR = PXMDR if X = PXM

NON12=[Singapore, Chinese Taipei, Hong Kong China, China, Indonesia, Malaysia, the Philippines, Thailand, India, Argentina, Brazil, Russia (from 1993 onwards)]

W1: overall competitiveness weights (for specification see equation 1)

CZE, HUN and POL in calculation from 1993 onwards.
[calculated for history and current period only]

$$3 \quad EXCHEB_{i,t} = EXCHEB_{i,t-1} * \exp[\ln\{EXCH_{i,t} / EXCH_{i,t-1}\}] - \sum_{j \in OECD, NON12} w1_{ij,t-1} * \ln\{EXCH_{j,t} / (EXCH_{j,t-1})\}]$$

$$\sum_{j \in OECD, NON12} w1_{ij,t-1} = 1 \forall i$$

NON12=[Singapore, Chinese Taipei, Hong Kong China, China, Indonesia, Malaysia, the Philippines, Thailand, India, Argentina, Brazil, Russia (from 1993 onwards)]

W1: overall competitiveness weights (for specification see equation 1)

CZE, HUN and POL in calculation from 1993 onwards.
[calculated for history and current period only]

⁶ See also:

- Durand, M., C. Madaschi and F. Terribile (1998), "Trends in OECD countries' international competitiveness: the influence of emerging market economies" *OECD Economics Department working paper*, No. 195 (<http://www.oecd.org/pdf/M00001000/M00001292.pdf>)
- Durand, M., J. Simon and C. Webb (1992), "OECD's indicators of international trade and competitiveness", *OECD Economics Department working paper*, No. 120 (<http://www.oecd.org/pdf/M00007000/M00007153.pdf>)

4. DESCRIPTIONS

In the first part, the descriptions of all variables are given in alphabetical order while in the second part the description of the most relevant variables are given in alphabetical order by subject.

Variables are in local currency unless mentioned otherwise.

4.1. All variables

Most variables are defined the same for all countries. However, there are also some variables with a country-specific definition. The latter are clarified at the end of this subsection.

Nr.	Variable code	Description
1	ADCE	domestic credit expansion autonomous element
2	BGSD	balance of goods, services & income, value in US\$, BOP basis
3	BINARY	step function variable, 1st semester = 0, 2nd semester = 2
4	BOSD	change in reserves, value in US\$, BOP basis
5	BSD	balance of services and income, value in US\$, BOP basis
6	BSII	balance of investment income, value, balance of payments basis
7	BSIID	balance of investment income, value in US\$, balance of payments basis
8	BSR	balance of non-factor services, value, balance of payments basis
9	BSRD	balance of non-factor services, value in US\$, balance of payments basis
10	CAPD	capital account balance of the balance of payments, value in US\$
11	CAPFLO	capital account excluding reserves, value in US\$, BOP basis
12	CAPOG	net capital outlays of the government, value
13	CB	current account, value
14	CBD	current account, value in US\$
15	CBGDPR	current account, as a percentage of GDP
16	CBWD	world, foreign balance, current account, US\$
17	CCEXGSG	expenditure on goods & services, central govt (GBR only)
18	CCNORG	capital costs, normal, growth rate
19	CFD	compensatory finance, value in US\$
20	CFKG	government consumption of fixed capital, value
21	CG	government final consumption expenditure, value
22	CGAA	Government final consumption expenditure, value, appr. account
23	CGF	federal government consumption expenditure, value
24	CGFDNW	federal government non-wage defence consumption, value
25	CGFDW	federal government wage defence consumption, value
26	CGFL	central government gross financial liabilities, value
27	CGFNW	federal government non-wage consumption, value
28	CGFONW	federal government non-wage non-defence consumption, value
29	CGFOW	federal government wage non-defence consumption, value
30	CGFV	federal government consumption, volume
31	CGFW	federal government wage consumption, value
32	CGL	state & local government consumption, value
33	CGLNW	state & local government non-wage consumption, value
34	CGLV	state & local government consumption, volume
35	CGLW	state & local government wage consumption, value

36	CGNW	government final non-wage consumption expenditure, value
37	CGV	government final consumption expenditure, volume
38	CGW	government final wage consumption expenditure, value
39	CGWC	government consumption, civilian wages (can only)
40	CKL	unit capital-labour costs
41	CLEXEDG	expenditure on education, local authorities(GBR only)
42	CLEXOG	expend on other goods & services, local authorities(GBR only)
43	CLFS	trend of etnia-et ratio
44	CLNORG	labour costs, normal, growth rate
45	CMNORG	import costs, normal, growth rate
46	CNFL	central government net financial liabilities, value
47	COSTXM	costs, total of domestic and import costs
48	CP	private final consumption expenditure, value
49	CPAA	Private final consumption expenditure, value, appr. account
50	CPI	consumer price
51	CPIDR	competitiveness, relative consumer prices (CPI),overall weights
52	CPIH	Harmonised consumer price
53	CPV	private final consumption expenditure, volume
54	DFA	change in reserves, value, balance of payments basis
54	DIAD	direct investment outflows (-), value in US\$
55	DILD	direct investment inflows, value in US\$
56	EBSTAR	employment, business, desired
57	ECSA	employment, country specific, variable a
58	ECSB	employment, country specific, variable b
59	EE	dependent employment
60	EEA	agricultural sector employment (aus only)
61	EENA	dependent employment non govt non agricultural(aus only)
62	EEP	dependent employment of the business sector
63	EG	government employment
64	EGF	federal government employment
65	EGL	state & local government employment
66	ELEFF	trend labour efficiency of the business sector
67	ELEFF2	trend labour efficiency of the business sector
68	ELEFFU	labour efficiency of the business sector
69	EOD	net errors and omissions of the balance of payments, value in US\$
70	EQPF	adjustment for change in equity of households in pension fund reserves, value
71	ES	self-employed
72	ET	total employment
73	ETB	employment of the business sector
74	ETBPT	potential employment of the business sector
75	ETNIA	total employment, national accounts basis
76	EUFW	unpaid family workers
77	EXCEEU	nominal eff. exchange rate, constant trade weights, Euro area
78	EXCFEU	nominal effective exchange rate, financial weights, Euro area
79	EXCH	exchange rate, US\$ per local currency
80	EXCHE	nominal effective exchange rate, constant trade weights
81	EXCHEB	nominal effective exchange rate, chain-linked, overall weights
82	EXCHEF	nominal effective exchange rate, constant financial weights
83	EXCHER	real effective exchange rate, constant trade weights
84	EXCHEX	effective exchange rate, expectation given relative prices
85	EXCHIN	exchange rate, index of US\$ per local currency
86	EXCHUD	exchange rate, local currency per US\$
87	EXCREU	real effective exchange rate, constant trade weights, Euro area
88	EXDML	exchange rate, deutschemark per local currency
89	EXEEU	trade weighted foreign exchange rate index, Euro area
90	EXEUUS	exchange rate, Euro per us dollar
91	EXFEU	financial weighted foreign exchange rate index, Euro area
92	EXFORE	foreign effective weighted exchange rates
93	EXFORF	financial wtd foreign exchange rate index
94	EXPANF	foreign non-us exch. rate growth, wghtd by foreign assets
95	EXPLNF	Foreign non-us exch. rate growth, wghtd by foreign liabs.
96	EXUSDN	exchange rate, us dollars per 1 deutschemark

97	FADD	gross foreign assets excluding monetary gold, value in US\$
98	FBGS	net exports of goods & services, value
99	FBGSV	net exports of goods & services, volume
100	FDD	final domestic expenditure, value
101	FDDV	final domestic expenditure, volume
102	FIND	financial account balance of the balance of payments, value in US\$
103	FLDD	foreign liabilities, value in US\$
104	GAP	output gap of the total economy
105	GAPHRS	difference of actual and trend hours worked, % of trend
106	GAPLFP	difference of actual and trend participation rate, % trend
107	GAPPRD	difference of actual and trend labour efficiency, % of trend
108	GAPUNR	difference of NAWRU and unemployment rate
109	GDP	gross domestic product, value, market prices
110	GDPA	gross domestic product, value, agriculture
111	GDPAV	gross domestic product, volume, agriculture
112	GDPB	gross domestic product, business sector, value, factor cost
113	GDPBV	gross domestic product, business sector, volume, factor cost
114	GDPCSA	Country specific GDP, volume
115	GDPD	gross domestic product, value at 1995 PPP, US\$
116	GDPNAV	gross domestic product, volume, excluding agriculture
117	GDPTR	potential output of total economy, value
118	GDPV	gross domestic product, volume, market prices
119	GDPVD	gross domestic product, volume, at 1995 PPP, US\$
120	GDPVPT	gross domestic product, volume, potential
121	GDPVTR	potential output of total economy, volume
122	GFAIDS	federal grant aid to state & local government, value
123	GFAR	general government gross financial assets, as a % of GDP
124	GFINT	interest payments by federal government, value
125	GFP	federal government current disbursements, value
126	GFPQA	Cyclically adj. federal gov. current disbursements, % pot. GDP
127	GFRQA	Cyclically adjusted federal government receipts, % pot. GDP
128	GFSURP	federal government balance, value
129	GFY	federal government current receipts, value
130	GGFL	general government gross financial liabilities, value
131	GGFLM	gross public debt, Maastricht criterion, value
132	GGFLMQ	gross public debt, Maastricht criterion, as a % of GDP
133	GGFLQ	general government gross financial liabilities, % of GDP
134	GGINTP	gross government interest payments, value
135	GGINTR	gross government interest receipts, value
136	GLINT	state & local government interest payments, value
137	GLP	state & local government current disbursements, value
138	GLPQA	Cyclically adj. state & loc. gov. current disbursements, %pot. GDP
139	GLRQA	Cyclically adj. state & local government receipts, % pot. GDP
140	GLSURP	state & local government balance, value
141	GLY	state & local government current receipts, value
142	GNFL	general government net financial liabilities, value
143	GNFLQ	general government net financial liabilities, as a % of GDP
144	GNINTP	net government interest payments, value
145	GNINTQ	net government interest payments, as a percentage of GDP
146	GNP	gross national product, value, market prices
147	GNPV	gross national product, volume, market prices
148	HRS	hours worked per employee in the business sector
149	HRST	trend of hours worked per employee in the business sector
150	IB	private non-residential fixed capital formation, value
151	IBBV	Private non-resid. fixed capital formation, volume, broad def.
152	IBCSV	Private non-resid. fixed capital formation, volume, adjustment
153	IBV	private non-residential fixed capital formation, volume
154	IC	fixed investment in construction, value
155	ICNH	fixed investment in non-residential construction, value
156	ICNHV	fixed investment in non-residential construction, volume
157	ICSA	fixed investment, country specific, volume
158	ICV	fixed investment in construction, volume

159	IENTG	fixed investment of government enterprises, value
160	IFU	ratio of actual and 'normal' real GDP of business sector
161	IFU2	ratio of actual and potential real GDP of business sector
162	IFU3	ratio of potential and actual real GDP of the total economy
163	IG	government fixed capital formation, value
164	IGAA	Government fixed capital formation, value, approp. account
165	IGBV	fixed investment of government enterprises, volume
166	IGCON	government investment, construction (deu only)
167	IGF	federal government fixed capital formation, value
168	IGFV	federal government fixed capital formation, volume
169	IGG	government investment & other capital transactions, value
170	IGL	state & local government fixed capital formation, value
171	IGLV	state & local government fixed capital formation, volume
172	IGME	government investment, machinery & equipment
173	IGV	government fixed capital formation, volume
174	IH	private residential fixed capital formation, value
175	IHG	government residential fixed capital formation, value
176	IHGV	government residential fixed capital formation, volume
177	IHV	private residential fixed capital formation, volume
178	IMEQ	fixed investment in machinery & equipment, value
179	IMEQV	fixed investment in machinery & equipment, volume
180	INTDBT	interest on consumer debt, value
181	INVB	balance of invisibles, value, balance of payments basis
182	INVBD	balance of invisibles, value in US\$, BOP basis
183	IOB	private non-residential investment exc. shipping & oil, value
184	IOBV	private non-residential investment exc. shipping & oil, volume
185	IOIL	fixed investment of the oil industry, value
186	IOILV	fixed investment of the oil industry, volume
187	IP	private total fixed capital formation, value
188	IPV	private total fixed capital formation, volume
189	IRCPV	implicit interest rate on consumption debt
190	IRFOEU	weighted foreign short-term interest rate, Euro area
191	IRFOR	interest rate, weighted foreign
192	IRGOV	Effective interest rate of government gross fin. liabilities
193	IRL	long-term interest rate on government bonds
194	IRL2	long-term interest rate on corporate bonds
195	IRLAF	interest rate, foreign, long, weighted by foreign assets
196	IRLANF	foreign non-us int. rates, long, wghtd by foreign assets
197	IRLDFG	long-term interest rate differential vis-à-vis Germany
198	IRLDFU	long-term interest rate differential vis-à-vis the USA
199	IRLGER	Long-term interest rate on German government bonds
200	IRLLNF	Foreign non-us int. rates, long, wghtd by foreign liabs.
201	IRLR	real long-term interest rate, based on lagged GDP deflator
202	IRLRC	real long-term interest rate, based on PCP deflator
203	IRLRE	trend real long-term interest rate, based on GDP deflator
204	IRLREU	real long-term interest rate, based on PCP, EURO-area
205	IRLUS	long-term interest rate on U.S. government bonds
206	IRM	mortgage interest rate
207	IRS	short-term interest rate
208	IRS2	short-term interest rate, second definition
209	IRSAF	Interest rate, foreign, short, weighted by foreign liabs.
210	IRSANF	foreign non-us int. rates, short, wghtd by foreign assets
211	IRSDFG	short-term interest rate differential vis-à-vis Germany
212	IRSDFU	short-term interest rate differential vis-à-vis the USA
213	IRSGER	Short-term German interest rate
214	IRSLNF	Foreign non-us int. rates, short, wghtd by foreign liabs.
215	IRSRC	real short-term interest rate, based on PCP deflator
216	IRSREU	real short-term interest rate, based on PCP, EURO-area
217	IRSUS	short-term U.S. interest rate
218	IRWYP	interest rate, weighted average of short and long-term
219	ISH	fixed investment of the shipping industry, value
220	ISHV	fixed investment of the shipping industry, volume

221	ISK	increase in stocks, value
222	ISKV	increase in stocks, volume
223	IT	gross total fixed capital formation, value
224	ITV	government final consumption expenditure, volume
225	KAPOG	government net capital outlays excluding investment, value
226	KBSTAR	capital stock, business, desired
227	KBV	capital stock of the business sector, volume
228	KFO	foreign sector, capital outflow
229	KHV	capital stock, housing, volume
230	KTRMOB	Sales on mobile phone license
231	KTRRG	net government capital transfers received, value
232	LF	labour force
233	LFF	female labour force
234	LFM	male labour force
235	LFPAM	labour force of prime-age males
236	LFPR	labour force participation rate
237	LFPRS	trend labour force participation rate
238	LFS	trend labour force
239	LLRPCP	domestic expenditure exc. government wages, deflator, log
240	LTPRHP	trend labour productivity of the business sector, log
241	MG	imports of goods, value, national accounts basis, using MGSNAJ
242	MGB	goods imports, value, balance of payments basis
243	MGBD	goods imports, value in US\$, balance of payments basis
244	MGC	goods imports, value, customs basis
345	MGCD	goods imports, value in US\$, customs basis
346	MGD	goods imports, value in US\$, customs basis
347	MGNA	imports of goods, value, national accounts basis
248	MGNAV	imports of goods, volume, national accounts basis
249	MGS	imports of goods & services, value, national accounts basis
250	MGSNAJ	imports of goods services, national acc. adjustment factor
251	MGSV	imports of goods & services, volume, national accounts basis
252	MGV	imports of goods, volume, (n.a. basis) , using MGSNAJ
253	MGVB	goods imports, volume, balance of payments basis
254	MGVBAJ	good imports, adjustment factor customs-BOP basis
255	MGVC	goods imports, volume, customs basis
256	MM	manufactured goods imports, value, customs basis
257	MMD	manufactured goods imports, value in US\$, customs basis
258	MMOB	special adj factor for import volume, customs to n.a. basis
259	MN	non-manufactured goods imports, value, customs basis
260	MND	non-manufactured goods imports, value in US\$, customs basis
261	MNV	non-manufactured goods imports, volume, customs basis
262	MONEYN	money supply, narrow definition: base money, M1 or M2
263	MONEYS	money supply, broad definition: M2 or M3
264	MS	imports of services, value, national accounts basis, using MGSNAJ
265	MSBD	services imports and income paid, value in US\$, BOP basis
266	MSII	factor income paid abroad, value, balance of payments basis
270	MSIID	factor income paid abroad, value in US\$, BOP basis
271	MSIIV	factor income paid abroad, volume, balance of payments basis
272	MSNA	imports of services, value, national accounts basis
273	MSNAV	imports of services, volume, national accounts basis
274	MSR	services imports, value, BOP basis
275	MSRD	services imports, value in US\$, BOP basis
276	MSRV	services imports, volume, BOP basis
277	MSV	Imports of services, n.a. basis, volume
278	NAIRU	unemployment rate consistent with constant inflation
279	NFAD	net foreign assets excluding monetary gold, value in US\$
280	NITV	net indirect taxes , volume
281	NLB	net lending of the business sector, value
282	NLG	government net lending, value
283	NLGA	cyclically adjusted government net lending, value
284	NLGFQA	cyclically adj. federal governm.net lending, % potential GDP
285	NLGLQA	Cyclically adj. state & local governm.net lending, % pot. GDP

286	NLGM	government net lending, Maastricht definition, value
287	NLGMQ	government net lending, Maastricht definition, as % of GDP
288	NLGMQA	Cyclic. adj. governm. lending, Maastricht def., % of pot. GDP
289	NLGQ	government net lending, as a percentage of GDP
290	NLGQA	cyclically adjusted governm.net lending, % of potential GDP
291	NLGX	government primary balance, value
292	NLGXA	cyclically adjusted government primary balance, value
293	NLGXQ	government primary balance, as a percentage of GDP
294	NLGXQA	Cyclically adjusted governm. primary balance, % of pot. GDP
295	NLH	net lending of households, value
296	NLXFQA	Cyclically adj. federal governm. primary balance, % pot. GDP
297	NLXLQA	Cyclically adj. state & local govern. primary balance, % pot. GDP
298	NTTRO	net private unrequited transfers, value, BOP basis
299	NTTROD	net private unrequited transfers, value in US\$, BOP basis
300	NYF	net factor income from rest of world, value, nat. acc. basis
301	NYFV	net factor income from rest of world, volume, nat. acc. basis
302	OFT	net official unrequited transfers, value, BOP basis
303	OFTD	net official unrequited transfers, value in US\$, BOP basis
304	OILCON	oil consumption, million barrel/day
305	OILMNT	net imports of oil, million barrel/day
306	OILPG	oil supply processing gain, million barrel/day
307	OILSHK	oil supply shock, %
308	OILSTO	stocks of oil, million barrel/day
309	OILSUP	supply of oil, million barrel/day
310	OILXNT	net exports of oil, million barrel/day
311	OTAD	other investment outflows of the balance of payments (-), value in US\$
312	OTLD	other investment inflows, value in US\$
313	PCG	government final consumption expenditure, deflator
314	PCGNW	government final non-wage consumption expenditure, deflator
315	PCGW	government final wage consumption expenditure, deflator
316	PCP	private final consumption expenditure, deflator
317	PCPEUR	private final consumption expenditure, deflator EURO-area
318	PCPH	private housing consumption expenditure, deflator
319	PDTY	labour productivity of the total economy
320	PFAD	portfolio investment outflows (-), value in US\$
321	PFDD	final domestic expenditure, deflator
322	PFLD	portfolio investment inflows, value in US\$
323	PFO2EU	deflator, GDP, weighted foreign (trade weights), Euro area
324	PFOR	deflator, GDP, weighted foreign (financial weights)
325	PFOR2	deflator, GDP, weighted foreign (trade weights)
326	PFOREU	deflator, GDP, weighted foreign (financial weights),Euro area
327	PGDP	gross domestic product, deflator, market prices
328	PGDPA	deflator for GDP agricultural sector (AUS only)
329	PGDPB	gross domestic product, business sector, deflator
330	PGDPEU	gross domestic product, deflator, market prices, Euro area
331	PGDPNA	gross domestic product, deflator, excluding agriculture
332	PGNP	gross national product, deflator, market prices
333	PIB	private non-residential fixed capital formation, deflator
334	PIC	fixed investment in construction, deflator
335	PIG	government fixed capital formation, deflator
336	PIH	private residential fixed capital formation, deflator
337	PIME	fixed investment in machinery & equipment, deflator
338	PISK	increase in stocks, deflator
339	PIT	gross total fixed capital formation, deflator
340	PITCG	domestic expenditure exc. private consumption, deflator
341	PMCSTD	foreign costs, import weighted, US\$ (for PMM equation)
342	PMG	goods imports, unit value, customs basis
343	PMGD	goods imports, unit value in US\$, customs basis
348	PMGS	imports of goods & services, deflator, national accounts basis
349	PMM	manufactured goods imports, unit value, customs basis
350	PMMD	manufactured goods imports, unit value in US\$, customs basis
351	PMN	non-manufactured goods imports, unit value, customs basis

352	PMND	non-manufactured goods imports, unit value in US\$, customs basis
353	PMS	services imports, unit value, BOP basis
354	PMSHND	non-manufactured goods import price calculated on export prices suppliers
357	PMSHSD	service import price calculated on export prices suppliers
358	POP	population
359	POPF	female working-age population
360	POPM	male working-age population
361	POPT	working-age population
362	PPP	purchasing power parity, local currency per US\$
363	PROD	labour productivity of the business economy
364	PROF	profits and other non-wage income, value
365	PSB	capital income share of the business sector
366	PSDGBP	statistical discrepancy of GDP, deflator
367	PTDD	total domestic expenditure, deflator
368	PTE	total expenditure exc. government wage consumption, deflator
369	PXCM	competitors export price of manufactured goods
370	PXCMD	competitors export price of manufactured goods, in US\$
371	PXCOMD	competitors price manufactures world & domestic markets, US\$
372	PXCS	competitors export price of services
373	PXCSD	competitors export price of services, in US\$
374	PXG	goods exports, unit value, customs basis
375	PXGD	goods exports, unit value in US\$, customs basis
380	PXGS	exports of goods & services, deflator, national accounts basis
381	PXM	manufactured goods exports, unit value, customs basis
382	PXMD	manufactured goods exports, unit value in US\$, customs basis
383	PXMDR	competitiveness, relative exp. price manufact., overall weights
384	PXN	non-manufactured goods exports, unit value, customs basis
385	PXND	non-manufactured goods exports, unit value in US\$, customs basis
386	PXS	services exports, unit value, BOP basis
387	PXSHND	non-manufactured goods export price calculated on world commodity prices
390	QBSTAR	gross output, business, desired
391	QBSV	normal output of the business sector, volume
392	QBVPT	gross output, business, volume, potential
393	QBVTR	potential output of the business sector, volume
394	RAE	effective rate of return on gross foreign assets
395	RAL	long-term interest rate on foreign assets
396	RAS	short-term interest rate on foreign assets
397	RE	effective rate of return on net foreign assets
398	RES	reserves, stock value in US\$, balance of payments basis
399	RESD	changes in official reserves (-), value in US\$
400	RESTG	government other capital transactions, value
401	RHOA	proportion of foreign assets which are US\$ denominated
402	RHOL	proportion of foreign liabilities which are US\$ denominated
403	RHP	real house price
404	RLC	real compensation rate of the business sector, deflator PGDP
405	RLE	effective rate of return on foreign liabilities
406	RLL	long-term interest rate on foreign liabilities
407	RLS	short-term interest rate on foreign liabilities
408	RORB	rate of return on capital in the business sector
409	RPXM	export price manufactured relative to competitors price
410	RPXS	export price of services relative to competitors exp. price
411	RSCRB	capital stock scrapping rate of the business sector
412	RSCRH	capital stock scrapping rate, housing
413	RSSRG	social security contributions, % wages & self-employed income
414	RTIND	indirect taxes, as a % of total domestic expenditure
415	RTIND2	indirect taxes, as a percentage of private consumption
416	RTRPH	transfers paid by households, % wages & self-employed income
417	RTYB	direct taxes on business, as a percentage of GDP
418	RTYH	direct taxes on households, as a percentage of GDP
419	SAVB	saving of the business sector, value
420	SAVG	government saving, value
421	SAVH	household saving, value

422	SDGDP	statistical discrepancy of GDP, value
423	SDGDPV	statistical discrepancy of GDP, volume
424	SDGNFL	statistical discrepancy of government net liabilities, value
425	SPTD	balance of services, income & private transfers, US\$, BOP basis
426	SRATIO	household saving ratio
427	SRNHCG	national health contributions, central govt (GBR only)
428	SRNICG	national insurance contributions, central govt (GBR only)
429	SRPXS	services exports, relative unit value, lagged
430	SRRFCG	redundancy fund contributions, central govt
431	SSPFG	federal government transfers to households and abroad
432	SSPFGH	federal government transfers to households, value
433	SSPFGW	federal government transfers to abroad, value
434	SSPG	social security benefits paid by government, value
435	SSPLG	state & local government transfers to households, value
436	SSRG	social security contributions received by government, value
437	SSRGA	cyclically adjusted social security contributions, value
438	STOCKV	stocks, volume
439	SUBF	federal government subsidies, value
440	SUBL	state & local subsidies, value
441	TAXQ	taxes and social security contributions, as a % of GDP
442	TB	trade balance, value, balance of payments basis
443	TBD	trade balance, value in US\$, balance of payments basis
444	TCSUBG	subsidies, central govt (GBR only)
445	TDD	total domestic expenditure, value
446	TDDV	total domestic expenditure, volume
447	TERMST	terms of trade
448	TEV	total expenditure, volume
449	TEVX	total expenditure exc. government wage consumption, volume
450	TFIND	indirect taxes received by the federal government, value
451	TFYB	direct taxes on business received by the federal government
452	TFYH	direct taxes on households received by federal government
453	TIME	time trend (1.0 in 1960.1)
454	TIND	indirect taxes, value
455	TINDA	cyclically adjusted indirect taxes, value
456	TLIND	indirect taxes received by the state & local government, value
457	TLSUBG	subsidies, local authorities
458	TLYB	direct taxes on business received by state & local government
459	TLYH	Direct taxes on households received by state & local govt.
460	TPBSSR	employers contrib. to soc. security & pension funds, ratio wages
461	TRFSSH	Social security contributions received by federal govt.
462	TRLSSH	Social security contributions received by state & local gov.
463	TROPH	non-social security transfers paid by households, value
464	TRPBPH	private employers contributions to pension funds, value
465	TRPBSH	private employers contributions to social security, value
466	TRPBTH	private employers contributions to social security and pension funds, value
467	TRPESH	employees & self-employed contributions to social security, value
468	TRPG	other current transfers paid by government, value
469	TRPGPH	government employers contributions to pension funds, value
470	TRPGSH	government employers contributions to social security, value
471	TRPH	total transfers paid by households, value
472	TRPNRF	current transfers to non-residents, federal, govt acct (CAN)
473	TRPP	transfer payments to persons, govt acct (CAN only)
474	TRPPCI	personal contributions for social insurance, house acct(USA)
475	TRPPVF	personal transfer payments to foreigners, house acct (USA)
476	TRRCFPG	compulsory fees, fines & penalties, govt acct (JPN only)
477	TRRCICG	casualty insurance claims, govt acct (JPN only)
478	TRRG	other current transfers received by government, value
479	TRRH	current transfers received by households, value
480	TRRNECG	current transfers nec recd from country, govt acct (JPN)
481	TRRUWBG	unfounded employee welfare contrib. imputed, govt act (JPN)
482	TRSSH	social security contributions by households, value
483	TRSSPG	social security benefits and other current transfers paid by government, value

484	TRSSRG	social security contributions and other transfers received by government, value
485	TSUB	subsidies, value
486	TTMANU	terms of trade, manufactured goods
487	TTRADE	terms of trade, total goods
488	TY	total direct taxes, value
489	TYB	direct taxes on business, value
490	TYBA	cyclically adjusted direct taxes on business, value
491	TYH	direct taxes on households, value
492	TYHA	cyclically adjusted direct taxes on households, value
493	UCC	user cost of capital
494	UCC2	user cost of capital, with reduced impact real interest rate
495	ULC	unit labour cost of the total economy
496	ULCB	unit labour costs in the business sector
497	ULCM	Unit labour cost of the manufacturing sector (exists for all OECD countries starting from 1970, except for CZE, HUN, SVK & POL since 1993)
498	ULCMAN	unit labour cost of the manufacturing sector
499	ULCMDR	competitiveness, rel. unit labour costs manufacturing sector, overall weights
500	UN	unemployment
501	UNPAM	unemployment of prime-age males
502	UNR	unemployment rate
503	UNRPAM	unemployment rate of prime-age males
504	VLCTY	velocity of money
505	VRATIO	ratio of goods exports and imports, volumes, customs basis
506	WAGE	wages, value
507	WAGEG	wages of the government sector, value
508	WCSA	wage rate, country specific a
509	WCSB	wage rate, country specific b
510	WDPGDP	growth GDP deflator of oecd competitors, \$
511	WGDP	world GDP, value
513	WGDPV	world GDP, volume
514	WPGDP	deflator, world GDP
515	WPHAMD	agricultural raw materials, world price, HWWA-index in US\$
516	WPHD	primary commodities exc. energy, world price, HWWA-index US\$
517	WPHFBD	food & tropical beverages, world price, HWWA-index in US\$
518	WPHFD	food, world price, HWWA-index in US\$
519	WPHMMD	minerals, ores and metals, world price, HWWA-index in US\$
520	WPHTBD	tropical beverages, world price, HWWA-index in US\$
521	WPI	wholesale price
522	WPOIL	oecd crude oil import price, cif, US\$ per barrel
523	WPXM	manufactured goods, world price in US\$
524	WR	wage rate of the business sector
525	WRG	compensation rate of government employees
526	WSRE	real compensation rate of the business sector, deflator PCP
527	WSSE	compensation rate of the business sector – per employee -
528	WSSS	compensation of employees, value
529	WTGV	world trade goods
530	WTMV	world trade manufactures
531	XG	exports of goods, value, national accounts basis, using XGSNAJ
532	XGB	goods exports, value, balance of payments basis
540	XGBD	goods exports, value in US\$, balance of payments basis
541	XGC	goods exports, value, customs basis
542	XGCD	goods exports, value in US\$, customs basis
543	XGD	goods exports, value in US\$, customs basis
544	XGNA	exports of goods, value, national accounts basis
545	XGNAV	exports of goods, volume, national accounts basis
546	XGPERF	export performance for goods, volume ratio, customs basis
547	XGS	exports of goods & services, value, national accounts basis
548	XGSNAJ	exports of goods services, national acc. adjustment factor
549	XGSV	exports of goods & services, volume, national accounts basis
550	XGV	Exports of goods, volume, n.a. basis, using XGSNAJ
551	XGVB	goods exports, volume, balance of payments basis
552	XGVBAJ	good exports, adjustment factor customs-BOP basis

553	XGVC	goods exports, volume, customs basis
554	XGVCD	goods exports, volume in US\$, customs basis
555	XGVMKT	export market for goods, volume in US\$, customs basis
556	XM	manufactured goods exports, value, customs basis
557	XMD	manufactured goods exports, value in US\$, customs basis
558	XMOB	special adj factor for export volume, customs to n.a. basis
559	XMPERF	export performance for manufactured goods, volume ratio, customs
560	XMV	manufactured goods exports, volume, customs basis
561	XMVD	manufactured goods exports, volume in US\$, customs basis
562	XVMKT	export market for goods, volume in US\$, customs basis
563	XMVRAS	consistency adjustment for manufactured exports, volume
564	XN	non-manufactured goods exports, value, customs basis
565	XND	non-manufactured goods exports, value in US\$, customs basis
566	XNPERF	export performance for non-manufactured goods, volume ratio, customs
567	XNV	non-manufactured goods exports, volume, customs basis
568	XNVMKT	export market for non-manufactured goods, volume in US\$, customs basis
569	XNVRAS	consistency adjustment for non-manufactured exports, volume
570	XS	exports of services, value, national accounts basis, using XGSNAJ
571	XSBD	services exports and income received, value in US\$, BOP basis
572	XSII	factor income from abroad, value, balance of payments basis
576	XSID	factor income from abroad, value in US\$, BOP basis
577	XSIIV	factor income from abroad, volume, balance of payments basis
578	XSNA	exports of services, value, national accounts basis
579	XSNAB	exports of services, volume, national accounts basis
580	XSR	services exports, value, BOP basis
581	XSRD	services exports, value in US\$, BOP basis
582	XSRV	services exports, volume, BOP basis
583	XSV	Exports of services, volume, n.a. basis, using XGSNAJ
584	XSVMKT	export market for services, volume in US\$
585	XSVRAS	Consistency adjustment for non-factor services exports, vol.
586	YB	business income, value
587	YCSA	income, country specific, variable a
588	YCSB	income, country specific, variable b
589	YDH	household disposable income, value
590	YDIV	dividends received by households, value
591	YDRH	household disposable income, real
592	YINT	interest payments received by households, value
593	YOTH	self-employment & property income received by households, value
594	YPE	property income received by households, value
595	YPEPG	property income paid by government, value
596	YPEPGX	property income paid by government, exc. interest payments
597	YPERG	property income received by government, value
598	YPERGX	property income received by governm., exc. interest receipts
599	YPG	government current disbursements, value
600	YPGA	cyclically adjusted government current disbursements, value
601	YPGQA	Cyclically adjusted governm. current disbursements, % pot. GDP
602	YPGT	government total disbursements, value
603	YPGTQ	government total disbursements, as a percentage of GDP
604	YPGTX	government total disbursements exc. gross interest payments
605	YPGX	Government current disbursements exc. gross interest paym.
606	YPGXA	Cycl. adj. governm. current disbursements exc. interest, value
607	YPGXQA	cycl.adj.gov. current disbursements exc. interest, % pot. GDP
608	YPH	current disbursements of households, value
609	YRENT	rents received by households, value
610	YRG	government current receipts, value
611	YRGA	cyclically adjusted government current receipts, value
612	YRGQ	government current receipts, as a percentage of GDP
613	YRGQA	Cyclically adjusted government current receipts, % pot. GDP
614	YRGX	government current receipts exc. gross interest receipts
615	YRH	current receipts of households, value
616	YSDIVG	dividends received, state & local govt (USA only)
617	YSE	self-employment income received by households, value

4.1.1. Country-specific variables

Nr.	Variable code	Country code	Description
620	ECSA	GRC	self-employed, agriculture
		FRA	Total domestic demand employment
		DEU	Hours worked per employee
		NOR	total employment, off-shore sector
		ESP	self-employed, agriculture
621	ESCB	GBR	Government supported training and employment programs
		GRC	self-employed, non-agriculture
		GBR	Registered unemployed
622	ECSC	GBR	Unemployment rate(registered as % of labour force)
623	ECSD	GBR	Civilian labour force(survey bas)
624	GDPCSA	GRC	gross domestic product, volume, at factor cost
		NOR	gross domestic product, volume, off-shore
		ESP	gross domestic product, volume, at factor cost
		NZL	gross domestic product, volume, production measure
625	IRL		interest rate on:
		AUS	10-year government bonds
		AUT	10-year government bonds (from 1990 onwards)
			public sector bonds of more than 1 year maturity (up to 1989)
		BEL	central government bonds (more than 5 years)
		CAN	Benchmarks 10-year long-term government bonds
		CAN	Benchmarks 10-year long-term government bonds
		DNK	10-year central government bonds
		FIN	10-year government bonds
		FRA	10-year benchmark government bonds
		DEU	9-10 year public sector bonds (from 1990 onwards)
		GRC	10 year government bonds yield
		HUN	90-days government bonds
		ISL	non-indexed secured loans
		IRE	10-year government bonds
		ITA	9-10-year government bonds (from 1992 onwards)
			government bonds more than 2 years (up to 1991)
		JPN	10-year government bonds
		KOR	5 year government bonds
		MEX	1-year treasury certificates
		NLD	10-year government bonds (most recent one)
		NZL	10-year government bonds
		NOR	6-10 year govt bonds before 1993 and 10-years govt bonds from 1993 onwards.
		POL	Official discount rate
		PRT	10-year government bonds
		ESP	government bonds (more than 2 years)
		SWE	10-year government bonds
CHE	confederation government bonds (more than 5 years)		
SVK	Average yield (% p.a.) on two-year Government bonds		
TUR	6-month to 1-year government bills		
GBR	10-year government bonds		
USA	10-year government bonds		
626	IRS		interest rate on:
		AUS	90-day bank accepted bills
		AUT	3-month interbank rate (from 1990 onwards)
			day-to-day money (up to 1989)
		BEL	3-month treasury certificates
	CAN	Chartered bank rates for 90-days deposit receipts	

		CHE	3-month interbank rate (LIBOR)
		CZE	3-month interbank rate (PRIBOR)
		DEU	3-month FIBOR
		DNK	3-month interbank rate
		EURO	Before Jan 99 synthetic euro area rates calculated on the basis of national rates weighted by GDP. From Jan 99, euro interbank offered rates (EURIBOR).
		ESP	3-month interbank loans
		FIN	3-month interbank rate (HELIBOR)
		FRA	3-month PIBOR (FROM 01/87)
		GBR	3-month interbank rate
		GRC	12 month treasury bills
		HUN	90-day treasury bills
		IRE	3-month fixed interbank rate (from 1984 onwards)
		ISL	90-day treasury bills
		ITA	91-day exchequer bills (up to 1983)
		ITA	3-month interbank deposits (from 1979 onwards)
		JPN	interbank rate (up to 1978)
		JPN	3-6 month cd (from 1980 onwards)
		JPN	3 month Gensaki rate (up to 1979)
		KOR	3-month CD rate
		MEX	3-month federal treasury bills
		NLD	3-month interbank rate (AIBOR)
		NOR	3-month interbank rate (NIBOR)
		NZL	90-day bank bills
		POL	3 month interbank rate (WIBOR)
		PRT	86-96 days interbank rate
		SVK	3-months BRIBOR (Bratislava Interbank Offered Rates & monthly average)
		SWE	3-month treasury discount notes
		TUR	Overnight interbank rate
		USA	3-month libor
627	ICSA	AUS	Breeding animals
		GBR	private non-residential investment, volume, incl. government enterprises
		JPN	private non-residential investment, volume, incl. government enterprises
		NOR	other private non-residential investment, volume
628	ICSB	NOR	Other private non-residential investment, vol.
629	WCSA	USA	Minimum wage rate (hourly)
		WCSB	USA
630	YCSA	ESP	Labour cost in private industries
		GRC	non-wage income, value, agriculture
631	YCSB	GRC	non-wage income, value, agriculture
		ESP	non-wage income, value, non-agriculture
		GRC	non-wage income, value, non-agriculture
632	ZCS001	AUS	GDP, volume, average expenditure, production & income measures
		CAN	government sales of goods and services, value
		CHE	labour force, series used by Swiss authorities to calculate UNR
		CZE	current transfers received by households excluding from government, value
		DEU	inventory stock, eastern Germany
		DNK	private employees contribution to social security, value
		ESP	Social transfers received by households, value
		FIN	employers paid-in contributions to social security, value
		FRA	Residual between TRSSH and SSRG
		ITA	GDP in mining, quarrying & manuf., vol.
		JPN	Cumulative FDI real
		KOR	consumption of fixed capital by households, value
		LUX	net-incoming cross-border workers
		NLD	government current transfers to abroad, value
		NOR	off-shore GDP, deflator at factor costs
		NZL	Growth rate of GDP (vol.) in mining, quarrying & manuf. with Expenditure GDP (vol.)
		POL	Residual calculated with Laspeyres Method to correct non-additivity between chain linked of total domestic expenditure(FDDV), volume and its chain linked components
		SWE	unemployment rate, standardised definition
		TUR	gross national product, value, at market prices (=GNP)

633	ZCS002	USA	federal government consumption expenditure, deflator		
		CAN	Current transfers househ. to non-residents, value		
		CZE	social security contributions received by government excluding from households, value		
		CHE	unemployment rate, standard definition, not used by Swiss authorities		
		DNK	social pension scheme contributions paid by public servants, value		
		ESP	Other current transfers received by households, value		
		FIN	employers imputed contributions to social security funds, value		
		GBR	Consumer Price Index excluding mortgage interest.		
		ITA	Compensation per employee in mining, quarrying & manuf., vol.		
		JPN	Ratio of cumulative FDI in manuf. relative to capital stock		
		KOR	net capital transfers received by households, value		
		LUX	total employment excluding net incoming border workers		
		NLD	other direct taxes, value		
		NOR	non-oil non-shipping business investment, deflator		
NZL	% of compensation of employees in the total of Transfert receivable by Households				
POL	Residual calculated with Laspeyres Method to correct non-additivity between chain linked of total domestic expenditure(TDDV), volume and its chain linked components				
634	ZCS003	TUR	gross national product, volume, at market prices (=GNPV)		
		USA	state & local government consumption, deflator		
		CAN	Other current transfers from non-residents		
		CHE			
		DNK	unemployment benefits, value		
		ESP	dependent employment in agricultural sector		
		GRC	dependent employment in agricultural sector		
		IRE	net factor income from rest of world, volume, nat. acc. basis		
		KOR	households, other capital transactions, value		
		NLD	other households transfer payments, value		
		NZL	% of subsidies in the total of GDP		
		TUR	fixed investment in construction, deflator		
		USA	federal government fixed capital formation, deflator		
		BEL	Frontier workers, net		
635	ZCS004	CAN	Current transfers to non-residents		
		CHE			
		DEU	Residential housing		
		DNK	Non-unemployment related social transfers of households, value		
		ESP	Social transfers paid households, value		
		GRC	saving ratio of households, based on total direct taxes		
		KOR	government residential fixed capital formation, volume		
		NLD	transfers paid by households to pension funds, value		
		NOR	main-land gross domestic product, volume		
		NZL	% of direct taxes on households in the total of current receipts of households		
		USA	Revenue from UMTS auctions		
		636	ZCS005	CAN	Residual calculated with Laspeyres Method to correct non-additivity between chain linked of private Investment(IPV), volume and its chain linked components
				CHE	Net household capital transfer + household other capital transactions
				CZE	Adjustment for privatisation and financial transactions
DEU	social security contributions not received from households, value				
DNK	other transfers received by households from government, value				
ESP	Social transfers paid by households, value				
KOR	government residential fixed capital formation, value				
NLD	labour productivity of government sector				
NOR	main-land gross domestic product, value				
NZL	% of social securities receivable by government in the total of compensation of employees				
TUR	fixed investment in machinery & equipment, deflator				
637	ZCS006			DNK	real interest rate tax on pension schemes, value
				CAN	Residual calculated with Laspeyres Method to correct non-additivity between chain linked of total Investment(ITV), volume and its chain linked components
				ESP	Other current transfers paid by households, value
		KOR	government stockbuilding and other intangible assets, value		
NOR	direct taxes on oil-sector, value				

		NZL	% of the total of Transfert receivable by government in the total of compensation of employees
638	ZCS007	USA	state & local government fixed capital formation, deflator
		DEU	fixed investment in construction, deflator
		CAN	Residual calculated with Laspeyres Method to correct non-additivity between chain linked of Final Domestic Demand (FDDV), volume and its chain linked components
		DNK	unemployment benefits per unemployed, ratio of the wage rate
		ESP	Fixed investment in construction, deflator
639	ZCS008	KOR	purchases of land by government, value
		NOR	indirect taxes related to oil-production, value
		USA	wage income share business sector
		DEU	fixed investment in machinery & equipment, deflator
		CAN	Residual calculated with Laspeyres Method to correct non-additivity between chain linked of Total Domestic Demand (TDDV), volume and its chain linked components
640	ZCS009	DNK	government transfers not received by households, value
		ESP	Fixed investment in machinery & equipment, deflator
		NOR	property income received by government from oil sector
		USA	federal government consumption of fixed capital, value
		DEU	transfers received by government for operation desert storm
641	ZCS010	DNK	adjustment for change in equity of households in pension funds reserves, value
		JPN	transfers received by government for Operation Desert Storm
		NOR	Average indirect tax rate(not related to oil profits)
		USA	state & local government consumption of fixed capital, value
		ESP	unit labour cost of non-agricultural sector
642	ZCS011	GRC	unit labour cost of non-agricultural sector
		NOR	Mainland GDP deflator
		USA	transfers received by government for Operation Desert Storm, value
		AUT	Investment transportation
		NOR	direct taxes on business sector excluding oil, value
643	ZCS012	USA	federal government saving, value
		AUT	Investment plant equipment
		NOR	indirect taxes not related to oil-production, value
		NZL	Residual calculated with Laspeyres Method to correct non-additivity between chain linked of private total fixed capital formation, volume (IPV) and its chain linked components
		USA	state & local government saving, value
644	ZCS013	NOR	property income received by government from non-oil sector, value
		USA	government saving, as a percentage of GDP
645	ZCS014	NOR	government net lending excluding oil receipts, value
646	ZCS015	USA	federal government saving, as a percentage of GDP
		DEU	Revenue from UMTS auctions
		FRA	Revenue from UMTS auctions
		ITA	Revenue from UMTS auctions
		NLD	Revenue from UMTS auctions
647	ZCS016	POL	Revenue from UMTS auctions
		USA	State & local government subsidies less surplus of govt enterprises
		DEU	Household accounts
		USA	Federal government capital transfers (net) received
		DEU	Government accounts
648	ZCS017	FRA	Government net lending, Maastricht adjustment, value
		NOR	Current transfers received by government from the oil sector
		SWE	Government net lending, Maastricht adjustment, value
		USA	State & local government transfers (net) received
		DEU	Other transfers by households
649	ZCS018		Current transfers received by government, excluding oil sector
		NZL	Residual calculated with Laspeyres Method to correct non-additivity between chain linked of total domestic expenditure(TDDV), volume and its chain linked components
		USA	Federal government other transfers
		DEU	Domestic consumption
		NZL	Residual calculated with Laspeyres Method to correct non-additivity between chain linked of final domestic expenditure(FDDV), volume and its chain linked components
650	ZCS019	DEU	Other direct taxes, value

651	ZCS020	NZL	Residual calculated with Laspeyres Method to correct non-additivity between chain linked of gross total fixed capital formation, volume (ITV), volume and its chain linked components State & local government other transfers
		USA	

4.2. Variables by category

4.2.1. Expenditures and GDP

Expenditures and GDP (volume)

Nr.	Code	Description
1	CGV	government final consumption expenditure, volume
2	CPV	private final consumption expenditure, volume
3	FBGSV	net exports of goods & services, volume
4	FDDV	final domestic expenditure, volume
5	GDPAV	gross domestic product, volume, agriculture
6	GDPBV	gross domestic product, business sector, volume, factor cost
7	GDP CSA	GDP volume country specific a
8	GDPNAV	gross domestic product, volume, excluding agriculture
9	GDPV	gross domestic product, volume, market prices
10	GDPVD	gross domestic product, volume, at 1995 PPP, US\$
11	GNPV	gross national product, volume, market prices
12	IBV	private non-residential fixed capital formation, volume
13	IGV	government fixed capital formation, volume
14	IHV	private residential fixed capital formation, volume
15	IPV	private total fixed capital formation, volume
16	ISKV	increase in stocks, volume
17	ITV	government final consumption expenditure, volume
18	MGSV	imports of goods & services, volume, national accounts basis
19	NYFV	net factor income from rest of world, volume, nat. acc. basis
20	SDGDPV	statistical discrepancy of GDP, volume
21	STOCKV	stocks, volume
22	TDDV	total domestic expenditure, volume
23	TEV	total expenditure, volume
24	TEVX	total expenditure exc. government wage consumption, volume
25	XGSV	exports of goods & services, volume, national accounts basis

Expenditures and GDP (deflators)

Nr.	Code	Description
1	COSTXM	costs, total of domestic and import costs
2	CPI	consumer price
3	CPIH	harmonised consumer price
4	PCG	government final consumption expenditure, deflator
5	PCGNW	government final non-wage consumption expenditure, deflator
6	PCGW	government final wage consumption expenditure, deflator
7	PCP	private final consumption expenditure, deflator
8	PCPEUR	private final consumption expenditure, deflator EURO-area
9	PCPH	private housing consumption expenditure, deflator
10	PFDD	final domestic expenditure, deflator
11	PGDP	gross domestic product, deflator, market prices
12	PGDPB	gross domestic product, business sector, deflator
13	PGNP	gross national product, deflator, market prices
14	PIB	private non-residential fixed capital formation, deflator
15	PIG	government fixed capital formation, deflator
16	PIH	private residential fixed capital formation, deflator
17	PISK	increase in stocks, deflator
18	PIT	gross total fixed capital formation, deflator
19	PITCG	domestic expenditure exc. private consumption, deflator
20	PMGS	imports of goods & services, deflator, national accounts basis
21	PSDGDGP	statistical discrepancy of GDP, deflator
22	PTDD	total domestic expenditure, deflator
23	PTE	total expenditure exc. government wage consumption, deflator
24	PXGS	exports of goods & services, deflator, national accounts basis
25	RHP	real house price
26	WPI	wholesale price

Expenditures and GDP (values)

Nr.	Code	Description
1	CP	private final consumption expenditure, value
2	CG	government final consumption expenditure, value
3	FBGS	net exports of goods & services, value
4	FDD	final domestic expenditure, value
5	GDP	gross domestic product, value, market prices
6	GDPB	gross domestic product, business sector, value, factor cost
7	GDPD	gross domestic product, value at 1995 PPP, US\$
8	GNP	gross national product, value, market prices
9	IB	private non-residential fixed capital formation, value
10	IG	government fixed capital formation, value
11	IH	private residential fixed capital formation, value
12	IP	private total fixed capital formation, value
13	ISK	increase in stocks, value
14	IT	gross total fixed capital formation, value
15	MGS	imports of goods & services, value, national accounts basis
16	NYF	net factor income from rest of world, value, nat. acc. basis
17	SDGDGP	statistical discrepancy of GDP, value
18	TDD	total domestic expenditure, value
19	XGS	exports of goods & services, value, national accounts basis

Expenditures and GDP (investment)

Nr.	Code	Description
1	IB	private non-residential fixed capital formation, value
2	IBBV	Private non-resid. fixed capital formation, volume, broad def.
3	IBCSV	Private non-resid. fixed capital formation, volume, adjustment
4	IBV	private non-residential fixed capital formation, volume
5	ICNHV	fixed investment in non-residential construction, volume
6	ICSA	fixed investment, country specific, volume
7	ICV	fixed investment in construction, volume
8	IENTG	fixed investment of government enterprises, value
9	IG	government fixed capital formation, value
10	IGBV	fixed investment of government enterprises, volume
11	IGV	government fixed capital formation, volume
12	IH	private residential fixed capital formation, value
13	IHG	government residential fixed capital formation, value
14	IHGV	government residential fixed capital formation, volume
15	IHV	private residential fixed capital formation, volume
16	IMEQV	fixed investment in machinery & equipment, volume
17	IOBV	private non-residential investment exc. shipping & oil, volume
18	IOILV	fixed investment of the oil industry, volume
19	IP	private total fixed capital formation, value
20	IPV	private total fixed capital formation, volume
21	ISHV	fixed investment of the shipping industry, volume
22	IT	gross total fixed capital formation, value
23	ITV	gross total fixed capital formation, volume
24	KBV	capital stock of the business sector, volume
25	KHV	capital stock, housing, volume
26	PIB	private non-residential fixed capital formation, deflator
27	PIG	government fixed capital formation, deflator
28	PIH	private residential fixed capital formation, deflator
29	PIT	gross total fixed capital formation, deflator
30	RSCRB	capital stock scrapping rate of the business sector
31	RSCRH	capital stock scrapping rate, housing

4.2.2. Supply block

Nr.	Code	Description
1	CKL	unit capital-labour costs
2	CLFS	trend of etnia-et ratio
3	ELEFF	trend labour efficiency of the business sector
4	ELEFF2	trend labour efficiency of the business sector
5	ELEFFU	labour efficiency of the business sector
6	ETBPT	potential employment of the business sector
7	GAP	output gap of the total economy
8	GAPHRS	difference of actual and trend hours worked, % of trend
9	GAPLFP	difference of actual and trend participation rate, % trend
10	GAPPRD	difference of actual and trend labour efficiency, % of trend
11	GAPUNR	difference of NAWRU and unemployment rate
12	GDPTR	potential output of total economy, value
13	GDPVTR	potential output of total economy, volume
14	HRST	trend of hours worked per employee in the business sector
15	IFU	ratio of actual and 'normal' real GDP of business sector
16	IFU2	ratio of actual and potential real GDP of business sector
17	IFU3	ratio of potential and actual real GDP of the total economy
18	KBV	capital stock of the business sector, volume
19	LFPRS	trend labour force participation rate

20	LFS	trend labour force
21	NAIRU	Non accelerating inflation , unemployment rate
22	NITV	net indirect taxes , volume
23	QBSV	normal output of the business sector, volume
24	QBVTR	potential output of the business sector, volume
25	UCC	user cost of capital
26	UCC2	user cost of capital, with reduced impact real interest rate

4.2.3. Labour market

Employment, labour force and unemployment

Nr.	Code	Description
1	ECSA	employment, country specific, variable a
2	ECSB	employment, country specific, variable b
3	EE	dependent employment
4	EEP	dependent employment of the business sector
5	EG	government employment
6	ES	self-employed
7	ET	total employment
8	ETB	employment of the business sector
9	ETNIA	total employment, national accounts basis
10	EUFW	unpaid family workers
11	HRS	hours worked per employee in the business sector
12	LF	labour force
13	LFF	female labour force
14	LFM	male labour force
15	LFPR	labour force participation rate
16	NAIRU	Non accelerating inflation , unemployment rate
17	PDTY	labour productivity of the total economy
18	POP	population
19	POPF	female working-age population
20	POPM	male working-age population
21	POPT	working-age population
22	PROD	labour productivity of the business economy
23	UN	unemployment
24	UNR	unemployment rate
25	UNRPAM	unemployment rate of prime-age males

Wage rates and labour costs

Nr.	Code	Description
1	RLC	real compensation rate of the business sector, deflator pgdp
2	ULC	unit labour cost of the total economy
3	ULCB	unit labour costs in the business sector
4	ULCM	unit labour cost of the manufacturing sector
5	ULCMAN	unit labour cost of the manufacturing sector
6	WCSA	wage rate, country specific a
7	WCSB	wage rate, country specific b
8	WR	wage rate of the business sector
9	WRG	compensation rate of government employees
10	WSRE	real compensation rate of the business sector, deflator PCP
11	WSSE	compensation rate of the business sector, per employee

4.2.4. *Households appropriation account*

Nr.	Code	Description
1	CPAA	Private final consumption expenditure, value, appr. account
2	CPV	private final consumption expenditure, volume
3	EQPF	adjustment for change in equity of households in pension fund reserves, value
4	INTDBT	interest on consumer debt, value
5	NLH	net lending of households, value
6	PCP	private final consumption expenditure, deflator
7	SAVH	household saving, value
8	SRATIO	household saving ratio
9	TROPH	non-social security transfers paid by households, value
10	TRPBPH	private employers contributions to pension funds, value
11	TRPBSH	private employers contributions to social security, value
12	TRPESH	employees & self-employed contributions to social security, value
13	TRPGPH	government employers contributions to pension funds, value
14	TRPGSH	government employers contributions to social security, value
15	TRPH	total transfers paid by households, value
16	TRRH	current transfers received by households, value
17	TRSSH	social security contributions by households, value
18	TYH	direct taxes on households, value
19	WAGE	wages, value
20	WR	wage rate of the business sector
21	WRG	compensation rate of government employees
22	WSRE	real compensation rate of the business sector, deflator PCP
23	WSSE	compensation rate of the business sector
24	WSSS	compensation of employees, value
25	YCSA	income, country specific, variable a
26	YCSB	income, country specific, variable b
27	YDH	household disposable income, value
28	YDIV	dividends received by households, value
29	YDRH	household disposable income, real
30	YINT	interest payments received by households, value
31	YOTH	self-employment & property income received by households, value
32	YPE	property income received by households, value
33	YPH	current disbursements of households, value
34	YRENT	rents received by households, value
35	YRH	current receipts of households, value
36	YSE	self-employment income received by households, value
37	YSES	self-employed income per person

4.2.5. *Business appropriation account*

Nr.	Code	Description
1	NLB	net lending of the business sector, value
2	PROF	profits and other non-wage income, value
3	PSB	capital income share of the business sector (na EO72)
4	RORB	rate of return on capital in the business sector (na EO72)
5	SAVB	saving of the business sector, value
6	YB	business income, value

4.2.6. Government appropriation account

Total government

Nr.	Code	Description
1	CAPOG	net capital outlays of the government, value
2	CFKG	government consumption of fixed capital, value
3	CG	government final consumption expenditure, value
4	CGAA	Government final consumption expenditure, value, appr. account
5	CGNW	government final non-wage consumption expenditure, value
6	CGV	government final consumption expenditure, volume
7	CGW	government final wage consumption expenditure, value
8	EG	government employment
9	GGINTP	gross government interest payments, value
10	GGINTR	gross government interest receipts, value
11	GNINTP	net government interest payments, value
12	GNINTQ	net government interest payments, as a percentage of GDP
13	IG	government fixed capital formation, value
14	IGAA	Government fixed capital formation, value, approp. account
15	IGG	government investment & other capital transactions, value
16	KAPOG	government net capital outlays excluding investment, value
17	KTRRG	net government capital transfers received, value
18	NLG	government net lending, value
19	NLGM	government net lending, Maastricht definition, value
20	NLGMQ	government net lending, Maastricht definition, as % of GDP
21	NLGQ	government net lending, as a percentage of GDP
22	NLGX	government primary balance, value
23	NLGXQ	government primary balance, as a percentage of GDP
24	PCG	government final consumption expenditure, deflator
25	PCGNW	government final non-wage consumption expenditure, deflator
26	PCGW	government final wage consumption expenditure, deflator
27	RESTG	government other capital transactions, value
28	RSSRG	social security contributions, % wages & self-employed income
29	RTIND	indirect taxes, as a % of total domestic expenditure
30	RTIND2	indirect taxes, as a percentage of private consumption
31	RTRPH	transfers paid by households, % wages & self-employed income
32	RTYB	direct taxes on business, as a percentage of GDP
33	RTYH	direct taxes on households, as a percentage of GDP
34	SAVG	government saving, value
35	SSPG	social security benefits paid by government, value
36	SSRG	social security contributions received by government, value
37	TAXQ	taxes and social security contributions, as a % of GDP
38	TIND	indirect taxes, value
39	TPBSSR	employers contrib. to soc. security & pension funds, ratio wages
40	TRPG	other current transfers paid by government, value
41	TRRG	other current transfers received by government, value
42	TSUB	subsidies, value
43	TY	total direct taxes, value
44	TYB	direct taxes on business, value
45	TYH	direct taxes on households, value
46	WAGEG	wages of the government sector, value
47	WRG	compensation rate of government employees
48	YPEPG	property income paid by government, value
49	YPEPGX	property income paid by government, exc. interest payments
50	YPERG	property income received by government, value
51	YPERGX	property income received by governm., exc. interest receipts
52	YPG	government current disbursements, value
53	YPGT	government total disbursements, value
54	YPGTQ	government total disbursements, as a percentage of GDP

55	YPGTX	government total disbursements exc. gross interest payments
56	YPGX	Government current disbursements exc. gross interest paym.
57	YRG	government current receipts, value
58	YRGQ	government current receipts, as a percentage of GDP
59	YRGX	government current receipts exc. gross interest receipts

Federal and state & local government (USA only)

Nr.	Code	Description
1	CGF	Federal Government Consumption Expenditure, Value
2	CGFDNW	Federal Government Non-Wage Defence Consumption, Value
3	CGFDW	Federal Government Wage Defence Consumption, Value
4	CGFNW	Federal Government Non-Wage Consumption, Value
5	CGFONW	Federal Government Non-Wage Non-Defence Consumption, Value
6	CGFOW	Federal Government Wage Non-Defence Consumption, Value
7	CGFV	Federal Government Consumption, Volume
8	CGFW	Federal Government Wage Consumption, Value
9	CGL	State & Local Government Consumption, Value
10	CGLNW	State & Local Government Non-Wage Consumption, Value
11	CGLV	State & Local Government Consumption, Volume
12	CGLW	State & Local Government Wage Consumption, Value
13	EGF	Federal Government Employment
14	EGL	State & Local Government Employment
15	GFAIDS	Federal Grant Aid To State & Local Government, Value
16	GFINT	Interest Payments By Federal Government, Value
17	GFP	Federal Government Current Disbursements, Value
18	GFPQA	Cyclically Adj. Federal Gov. Current Disbursements, % Pot. GDP
19	GFRQA	Cyclically Adjusted Federal Government Receipts, % Pot. GDP
20	GFSURP	Federal Government Balance, Value
21	GFY	Federal Government Current Receipts, Value
22	GLINT	State & Local Government Interest Payments, Value
23	GLP	State & Local Government Current Disbursements, Value
24	GLPQA	Cyclically Adj. State & Loc. Gov. Current Disbursements, %Pot. GDP
25	GLRQA	Cyclically Adj. State & Local Government Receipts, % Pot. GDP
26	GLSURP	State & Local Government Balance, Value
27	GLY	State & Local Government Current Receipts, Value
28	IGF	Federal Government Fixed Capital Formation, Value
29	IGFV	Federal Government Fixed Capital Formation, Volume
30	IGL	State & Local Government Fixed Capital Formation, Value
31	IGLV	State & Local Government Fixed Capital Formation, Volume
32	NLGFQA	Cyclically Adj. Federal Governm.Net Lending, % Potential GDP
33	NLGLQA	Cyclically Adj. State & Local Governm. Net Lending, % Pot. GDP
34	NLGXQA	Cyclically Adjusted Governm. Primary Balance, % Of Pot. GDP
35	NLXFQA	Cyclically Adj. Federal Governm. Primary Balance, % Pot. GDP
36	SSPFG	Federal Government Transfers To Households And Abroad
37	SSPFGH	Federal Government Transfers To Households, Value
38	SSPFGW	Federal Government Transfers To Abroad, Value
39	SSPLG	State & Local Government Transfers To Households, Value
40	SUBF	Federal Government Subsidies, Value
41	SUBL	State & Local Subsidies, Value
42	TFIND	Indirect Taxes Received By The Federal Government, Value
43	TFYB	Direct Taxes On Business Received By The Federal Government
44	TFYH	Direct Taxes On Households Received By Federal Government
45	TLIND	Indirect Taxes Received By The State & Local Government, Value
46	TLYB	Direct Taxes On Business Received By State & Local Government
47	TLYH	Direct Taxes On Households Received By State & Local Governm.
48	TRFSSH	Social Security Contributions Received By Federal Governm.
49	TRLSSH	Social Security Contributions Received By State & Local Gov.

4.2.7. Government account, cyclically-adjusted

Nr.	Code	Description
1	NLGA	cyclically adjusted government net lending, value
2	NLGMQA	cyclic. adj. governm. lending, Maastricht def., % of pot. GDP
3	NLGQA	cyclically adjusted governm.net lending, % of potential GDP
4	NLGXA	cyclically adjusted government primary balance, value
5	NLXLQA	cyclically adj. state & local govern. primary balance, % Pot. GDP
6	SSRGA	cyclically adjusted social security contributions, value
7	TINDA	cyclically adjusted indirect taxes, value
8	TYBA	cyclically adjusted direct taxes on business, value
9	TYHA	cyclically adjusted direct taxes on households, value
10	YPGA	cyclically adjusted government current disbursements, value
11	YPGQA	cyclically adjusted governm. current disbursements, % Pot. GDP
12	YPGXA	cycl. adj. governm. current disbursements exc. interest, value
13	YPGXQA	cycl.adj.gov. current disbursements exc. interest, % Pot. GDP
14	YRGA	cyclically adjusted government current receipts, value
15	YRGQA	cyclically adjusted government current receipts, % Pot. GDP

4.2.8. Government debt

Nr.	Code	Description
1	CGFL	central government gross financial liabilities, value
2	CNFL	central government net financial liabilities, value
3	GFAR	general government gross financial assets, as a % of GDP
4	GGFL	general government gross financial liabilities, value
5	GGFLM	gross public debt, Maastricht criterion, value
6	GGFLMQ	gross public debt, Maastricht criterion, as a % of GDP
7	GGFLQ	general government gross financial liabilities, % of GDP
8	GNFL	general government net financial liabilities, value
9	GNFLQ	general government net financial liabilities, as a % of GDP
10	IRGOV	effective interest rate of government gross fin. liabilities
11	SDGNFL	statistical discrepancy of government net liabilities, value

4.2.9. Interest rates, exchange rates and monetary aggregates

Exchange rates

Nr.	Code	Description
1	EXCH	exchange rate, US\$ per local currency
2	EXCHE	nominal effective exchange rate, constant trade weights
3	EXCHEB	nominal effective exchange rate, chain-linked, overall weights
4	EXCHER	real effective exchange rate, constant trade weights
5	EXCHEX	effective exchange rate, expectation given relative prices
6	EXCHIN	exchange rate, index of US\$ per local currency
7	EXCHUD	exchange rate, local currency per US\$
8	EXDML	exchange rate, deutschemark per local currency
9	PPP	purchasing power parity, local currency per US\$

Interest rates

Nr.	Code	Description
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1	IRL	long-term interest rate on government bonds
2	IRL2	long-term interest rate on corporate bonds
3	IRLDFG	long-term interest rate differential vis-à-vis Germany
4	IRLDFU	long-term interest rate differential vis-à-vis the USA
5	IRLGER	long-term interest rate on German government bonds
6	IRLRC	real long-term interest rate, based on PCP deflator
7	IRLREU	real long-term interest rate, based on PCP, EURO-area
8	IRLUS	long-term interest rate on U.S. government bonds
9	IRM	mortgage interest rate
10	IRS	short-term interest rate
11	IRS2	short-term interest rate, second definition
12	IRSDFG	short-term interest rate differential vis-à-vis Germany
13	IRSDFU	short-term interest rate differential vis-à-vis the USA
14	IRSGER	short-term German interest rate
15	IRSRC	real short-term interest rate, based on PCP deflator
16	IRSREU	real short-term interest rate, based on PCP, EURO-area
17	IRSUS	short-term U.S. interest rate

Monetary aggregates

Nr.	Code	Description
1	MONEYN	Money Supply, Narrow Definition: Base Money, M1 Or M2
2	MONEYS	Money Supply, Broad Definition: M2 Or M3
3	VLCTY	Velocity Of Money

4.2.10. External sector

Trade volumes

Nr.	Code	Description
1	FBGSV	net exports of goods & services, volume, nat. ac. basis
2	MGNAV	imports of goods, volume, national accounts basis
3	MGSV	imports of goods & services, volume, national accounts basis
4	MGV	imports of goods, volume, (n.a. basis), using MGSNAJ
5	MGVB	goods imports, volume, balance of payments basis
6	MGVC	goods imports, volume, customs basis
7	MGVCD	goods imports, volume in US\$, customs basis
8	MMOB	special adj. factor for import volume, customs to n.a. basis
9	MMV	manufactured goods imports, volume, customs basis
10	MNV	non-manufactured goods imports, volume, customs basis
11	MSIIV	factor income paid abroad, volume, balance of payments basis
12	MSNAV	imports of services, volume, national accounts basis
13	MSRV	services imports, volume, BOP basis
14	MSV	Imports of services, n.a. basis, volume, using MGSNAJ
15	VRATIO	ratio of goods exports and imports, volumes, customs basis
16	XGNAV	exports of goods, volume, national accounts basis
17	XGPERF	export performance for goods, volume ratio, customs basis
18	XGSV	exports of goods & services, volume, national accounts basis
19	XGV	Exports of goods, volume, n.a. basis, using XGSNAJ
20	XGVB	goods exports, volume, balance of payments basis
21	XGVC	goods exports, volume, customs basis
22	XGVCD	goods exports, volume in US\$, customs basis
23	XGVMKT	export market for goods, volume in US\$, customs basis
24	XMOB	special adj. factor for export volume, customs to n.a. basis
25	XMPERF	export performance for manufactured goods, volume ratio, customs
26	XMV	manufactured goods exports, volume, customs basis
27	XMVD	manufactured goods exports, volume in US\$, customs basis

28	XMVMKT	export market for manufactured goods, volume in US\$, customs basis
29	XMVRAS	consistency adjustment for manufactured exports, volume
30	XNPERF	export performance for non-manufactured goods, volume ratio, customs
31	XNV	non-manufactured goods exports, volume, customs basis
32	XNVMKT	export market for non-manufactured goods, volume in US\$, customs basis
33	XNVRAS	consistency adjustment for non-manufactured exports, volume
34	XSIIV	factor income from abroad, volume, balance of payments basis
35	XSNAV	exports of services, volume, national accounts basis
36	XSRV	services exports, volume, BOP basis
37	XSV	Exports of services, volume, n.a. basis, using XGSNAJ
38	X SVMKT	export market for services, volume in US\$
39	XSVRAS	Consistency adjustment for non-factor services exports, vol.

Trade prices

Nr.	Code	Description
1	PMCSTD	foreign costs, import weighted, US\$ (for PMM equation)
2	PMG	goods imports, unit value, customs basis
3	PMGD	goods imports, unit value in US\$, customs basis
4	PMGS	imports of goods & services, deflator, national accounts basis
5	PMM	manufactured goods imports, unit value, customs basis
6	PMMD	manufactured goods imports, unit value in US\$, customs basis
7	PMN	non-manufactured goods imports, unit value, customs basis
8	PMND	non-manufactured goods imports, unit value in US\$, customs basis
9	PMS	services imports, unit value, BOP basis
10	PMSHND	non-manufactured goods import price calculated on export prices suppliers
11	PMSHSD	service import price calculated on export prices suppliers
12	PXG	goods exports, unit value, customs basis
13	PXGD	goods exports, unit value in US\$, customs basis
14	PXGS	exports of goods & services, deflator, national accounts basis
15	PXM	manufactured goods exports, unit value, customs basis
16	PXMD	manufactured goods exports, unit value in US\$, customs basis
17	PXN	non-manufactured goods exports, unit value, customs basis
18	PXND	non-manufactured goods exports, unit value in US\$, customs basis
19	PXS	services exports, unit value, BOP basis
20	PXSHND	non-manufactured goods export price calculated on world commodity prices
21	RPXM	Export price manufactured relative to competitor price
22	RPXS	Export price of services relative to competitor price
23	TERMST	terms of trade
24	TTMANU	terms of trade, manufactured goods
25	TTRADE	terms of trade, total goods

Trade values

Nr.	Code	Description
1	FBGS	net exports of goods & services, value, n.a. basis
2	MG	imports of goods, value, national accounts basis, using MGSNAJ
3	MGB	goods imports, value, balance of payments basis
4	MGBD	goods imports, value in US\$, balance of payments basis
5	MGC	goods imports, value, customs basis
6	MGCD	goods imports, value in US\$, customs basis
7	MGNA	imports of goods, value, national accounts basis
8	MGS	imports of goods & services, value, national accounts basis
9	MGSNAJ	imports of goods services, national acc. Adjustment factor
10	MGVBAJ	good imports, adjustment factor customs-BOP basis
11	MM	manufactured goods imports, value, customs basis

12	MMD	manufactured goods imports, value in US\$, customs basis
13	MN	non-manufactured goods imports, value, customs basis
14	MND	non-manufactured goods imports, value in US\$, customs basis
15	MS	imports of services, value, national accounts basis, using MGSNAJ
16	MSII	factor income paid abroad, value, balance of payments basis
17	MSIID	factor income paid abroad, value in US\$, BOP basis
18	MSNA	imports of services, value, national accounts basis
19	MSR	services imports, value, BOP basis
20	MSRD	services imports, value in US\$, BOP basis
21	XG	exports of goods, value, national accounts basis, using XGSNAJ
22	XGB	goods exports, value, balance of payments basis
23	XGBD	goods exports, value in US\$, balance of payments basis
24	XGC	goods exports, value, customs basis
25	XGCD	goods exports, value in US\$, customs basis
26	XGD	goods exports, value in US\$, customs basis
27	XGNA	exports of goods, value, national accounts basis
28	XGS	exports of goods & services, value, national accounts basis
29	XGSNAJ	exports of goods services, national acc. Adjustment factor
30	XGVBAJ	good exports, adjustment factor customs-BOP basis
31	XM	manufactured goods exports, value, customs basis
32	XMD	manufactured goods exports, value in US\$, customs basis
33	XN	non-manufactured goods exports, value, customs basis
34	XND	non-manufactured goods exports, value in US\$, customs basis
35	XS	exports of services, value, national accounts basis, using XGSNAJ
36	XSII	factor income from abroad, value, balance of payments basis
37	XSIID	factor income from abroad, value in US\$, BOP basis
38	XSNA	exports of services, value, national accounts basis
39	XSR	services exports, value, BOP basis
40	XSRD	services exports, value in US\$, BOP basis

Commodities

Nr.	Code	Description
1	OILCON	oil consumption, million barrel/day
2	OILMNT	net imports of oil, million barrel/day
3	OILPG	oil supply processing gain, million barrel/day
4	OILSHK	oil supply shock, %
5	OILSTO	stocks of oil, million barrel/day
6	OILSUP	supply of oil, million barrel/day
7	OILXNT	net exports of oil, million barrel/day
8	WPHAMD	agricultural raw materials, world price, HWWA-index in US\$
9	WPHD	primary commodities exc. energy, world price, HWWA-index US\$
10	WPHFBD	food & tropical beverages, world price, HWWA-index in US\$
11	WPHFD	food, world price, HWWA-index in US\$
12	WPHMMD	minerals, ores and metals, world price, HWWA-index in US\$
13	WPHTBD	tropical beverages, world price, HWWA-index in US\$
14	WPOIL	oecd crude oil import price, cif, US\$ per barrel
15	WPUAMD	agricultural raw materials, world price, UNCTAD-index US\$
16	WPUD	primary commodities exc. energy, world price, UNCTAD index US\$
17	WPUFBD	food & tropical beverages, world price, UNCTAD-index in US\$
18	WPUFD	food, world price, UNCTAD-index in US\$
19	WPUMMD	minerals, ores and metals, world price, UNCTAD-index in US\$
20	WPUTBD	tropical beverages, world price, UNCTAD-index in US\$
21	WPXM	manufactured goods, world price in US\$

Competitiveness indicators

Nr.	Code	Description
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1	CPIDR	competitiveness, relative consumer prices (CPI),overall weights
2	EXCHEB	nominal effective exchange rate, chain-linked
3	PXCM	competitors export price of manufactured goods
4	PXCMD	competitors export price of manufactured goods, in US\$
5	PXCOMD	competitors price manufactures world & domestic markets, US\$
6	PXCS	competitors export price of services
7	PXCSD	competitors export price of services, in US\$
8	PXMDR	competitiveness, relative exp. price manufact., overall weights
9	RPXM	export price manufactured relative to competitors price
10	RPXS	export price of services relative to competitors exp. price
11	ULCMDR	competitiveness, rel. unit labour costs manufacturing sector, overall weights

Current account of the balance of payments

Nr.	Code	Description
1	BGSD	balance of goods, services & income, value in US\$, BOP basis
2	BSD	balance of services and income, value in US\$, BOP basis
3	BSII	balance of investment income, value, balance of payments basis
4	BSIID	balance of investment income, value in US\$, balance of payments basis
5	BSR	balance of non-factor services, value, balance of payments basis
6	BSRD	balance of non-factor services, value in US\$, balance of payments basis
7	CB	current account, value
8	CBD	current account, value in US\$
9	CBGDPR	current account, as a percentage of GDP
10	INVB	balance of invisibles, value, balance of payments basis
11	INVBD	balance of invisibles, value in US\$, BOP basis
12	MGB	goods imports, value, balance of payments basis
13	MGBD	goods imports, value in US\$, balance of payments basis
14	MSBD	services imports and income paid, value in US\$, BOP basis
15	MSII	factor income paid abroad, value, balance of payments basis
16	MSIID	factor income paid abroad, value in US\$, BOP basis
17	MSR	Non-factor services imports, value, BOP basis
18	MSRD	Non-factor services imports, value in US\$, BOP basis
19	NTTRO	net private unrequited transfers, value, BOP basis
20	NTTOD	net private unrequited transfers, value in US\$, BOP basis
21	OFT	net official unrequited transfers, value, BOP basis
22	OFTD	net official unrequited transfers, value in US\$, BOP basis
23	SPTD	balance of services, investment income & private transfers, US\$, BOP basis
24	TB	trade balance, value, balance of payments basis
25	TBD	trade balance, value in US\$, balance of payments basis
26	XGB	goods exports, value, balance of payments basis
27	XGBD	goods exports, value in US\$, balance of payments basis
28	XSBD	services exports and investment income received, value in US\$,BOP basis
29	XSII	factor income from abroad, value, balance of payments basis
30	XSIID	factor income from abroad, value in US\$, BOP basis
31	XSR	Non-factor services exports, value, BOP basis
32	XSRD	Non-factor services exports, value in US\$, BOP basis

Capital and financial accounts of the balance of payments

Nr.	Code	Description
1	BOSD	change in reserves, value in US\$, BOP basis
2	CAPD	capital account balance of the balance of payments, value in US\$
3	CAPFLO	capital account excluding reserves, value in US\$, BOP basis
4	CFD	compensatory finance, value in US\$
5	DFA	change in reserves, value, balance of payments basis
6	DIAD	direct investment outflows (-), value in US\$
7	DILD	direct investment inflows, value in US\$

8	EOD	net errors and omissions of the balance of payments, value in US\$
9	FADD	gross foreign assets excluding monetary gold, value in US\$
10	FIND	financial account balance of the balance of payments, value in US\$
11	FLDD	foreign liabilities, value in US\$
12	KFO	foreign sector, capital outflow
13	NFAD	net foreign assets excluding monetary gold, value in US\$
14	OTAD	other investment outflows of the balance of payments (-), value in US\$
15	OTLD	other investment inflows, value in US\$
16	PFAD	portfolio investment outflows (-), value in US\$
17	PFLD	portfolio investment inflows, value in US\$
18	RAE	effective rate of return on gross foreign assets
19	RAL	long-term interest rate on foreign assets
20	RE	effective rate of return on net foreign assets
21	RES	reserves, stock value in US\$, balance of payments basis
22	RESD	changes in official reserves (-), value in US\$
23	RHOA	proportion of foreign assets which are US\$ denominated
24	RHOL	proportion of foreign liabilities which are US\$ denominated
25	RLE	effective rate of return on foreign liabilities

5. DATA SOURCES

Sources for the historical data are publications of national statistical agencies and OECD statistical publications such as the Quarterly National Accounts⁷, the Annual National Accounts, the Quarterly Labour Force Statistics, the Annual Labour Force Statistics and the Main Economic Indicators. The use of the OECD Annual National Accounts is relatively limited despite the good internationally comparability of its series. Whenever possible, the quarterly national accounts published by the national statistical agencies are used as they are more up to date, are on a quarterly basis and are more recognisable. For most countries, the information in the OECD Quarterly National Accounts corresponds with the national accounts information released by the national statistical agencies.

This section gives a description by country of the data sources. It provides by category information on the main source used for the Economic Outlook database, the source 'behind' this main source (for instance: for the United States, the main source for the expenditures and GDP is the OECD Quarterly National Accounts database with as primary source the releases of the Bureau of Economic Analysis), on who did the seasonal adjustment of the series, on additional sources, on the corrected breaks in the underlying series and on interpolations done to get quarterly series.

For most series, the seasonal adjustment is done by a national statistical agency, while some are done by us (the Economics Department of the OECD) according to the U.S. Bureau of the Census Method II, X-11 version. There are also some series adjusted by the Statistics Directorate of the OECD.

Many of the quarterly series available could not be used directly as they are not consistent with the available yearly series and had to be adjusted (indicated in the country tables by 'yearly series interpolated with quarterly series as guide'). For the variables with only yearly information available a mechanical interpolation is applied to get quarterly series (indicated in the country tables by 'yearly series interpolated

⁷ The Quarterly National Accounts (QNA) database is used and contains more series than published in the OECD QNA publication

without guide’). As a consequence, these quarterly series do not have a higher information content than the yearly series.

For some countries, the Perpetual Inventory Method (PIM) is applied to construct capital stock series⁸.

The country specific abbreviations are explained under the country table. The abbreviations used for OECD sources are presented in the table below.

Abbreviations used	OECD data sources
OECD ALF	OECD (Annually) Labour Force Statistics
OECD ANA	OECD (Annually) National Accounts
OECD EMP	OECD Employment Outlook database
OECD FS	OECD Financial Statistics
OECD FSFC	OECD Flows and Stocks of Fixed Capital
OECD MEI	OECD Main Economic Indicators
OECD MFD	Database of the OECD Money and Finance Division of the Economics Department
OECD QLF	OECD Quarterly Labour Force Statistics
OECD QNA	OECD Quarterly National Accounts
OECD STD	OECD Statistics Department
OECD TE	OECD Short-term Economic Indicators Transition Economies
OECD FT A	OECD Monthly International Trade Statistics
OECD FT C	OECD International Trade Statistics by Commodity
BLS ULCM	US Bureau of Labour Statistics, International Comparisons of Manufacturing Productivity and Unit Labour Costs Trends (http://stats.bls.gov/fls/flsprody.htm)
IMF IFS	IMF International Financial Statistics

⁸ See Keese, M, G. Salou and P. Richardson (1991), “The measurement of output and factors of production for the business sector in OECD countries”, *OECD Economics and Statistics Department working paper*, No. 99

5.1. United States

(USA) ESA95	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections	Interpolations
Expenditures and GDP.	OECD QNA	BEA	BEA	-	New BEA data with Tornqvist chain approximations	-	-
Government account	OECD QNA	BEA	BEA	-	New definitions more in line with BEA	-	-
Household account	OECD QNA	BEA	BEA	-	-	-	-
Labour market	Direct download of monthly BLS survey results, OECD QLF	BLS	BLS	OECD QNA: POP	based on establishment survey: EG, ES; based on household survey: ET, LF, UN, UNRPAM; Mixed base: EEP, EE, ETNIA, ETB	New POPT definition. Now 16+ EUFW from BLS	-
Unit labour costs manufacturing sector (ULCM)	BLS ULCM (yearly data) WR new definition ULCMAN - BLS	-	-	New OECD MEI: ULCMAN (quarterly; primary source: BLS)	ULCM series extended on the basis of ULCMAN from BLS	-	ULCM interpolated with ULCMAN as guide
Interest rates and monetary aggregates	OECD MEI'	Fed	Rates not sa	-	-	-	-
Government debt	Fed Online	Federal Reserve's Flow of Funds	-	-	Quarterly data revised federal state & local Liabilities, pensions & insurance reserves are NOT taken out	-	-
Capital stock	US excel file from BEA	BEA	-	-	KBV: private sector non-residential fixed assets, real 1996 chained prices. KHV: private sector residential fixed assets	-	Stock interpolation
Foreign trade	OECD QNA	BEA	BEA	OECD FT A: to split energy and raw materials	Volumes and prices are not completely chained	-	Highest available frequency: Q
Balance of payments	OECD MEI	BEA	BEA	-	-	-	Highest available frequency: Q

BEA Bureau of Economic Analysis of the US Department of Commerce

BLS Bureau of Labour Statistics of the US Department of Labour

Fed Federal Reserve Board

5.2. Japan

(JPN) ESA95	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections	Interpolations
Expenditures and GDP.	OECD QNA	EPA	EPA	IGBV from 1990 EPA (Excel file. Desk)	Official SNA93 New "Reference series" estimated by EPA from 1994 Q1 ⁹	1980 Q1 1990 Q1 for IGBV	Sum of EPA quarterly data not equal to yearly figures. Therefore, yearly figures interpolated with quarterly figures as guide
Government account	Excel file (Desk)	EPA	ADB	Annual data for CGW, CGWV, NLG, CGAA	NLG conection for 1998 railways SA by ADB	1990 SNA68, adapted before	yearly current account series interpolated with quarterly series as guide; capital account series and CGW simple interpolation.
Household account	OECD Excel file (Desk)	EPA	us; EPA: WSSS, WAGE	WAGE – annual from EPA (Desk Excel file)	These national account series (for instance SRATIO) are not comparable with the series of the monthly release of the Family Income and Expenditure Survey	1990 – (SNA68 before)	yearly series interpolated with quarterly series as guide
Labour market	OECD QLF	MCA (Monthly Labour Force Survey)	OECD STD	OECD LFS: POPT, POPM, POP, EUFW; manual input: EG (source MCA Annual Report on the Labour Force Survey; HRS quarterly 1996 Q1 (primary source: EPA). Excel file	Original source: Japan, Ministry of Labour for monthly + quarterlies	-	interpolation without guide: EG, POP, POPT, POPM, EUFW
Unit labour costs manufacturing sector				OECD MEI: ULCMAN (monthly; primary source: EPA) calcualted	ULCMAN based on value added		ULCMAN used in ULCM
Interest rates and monetary aggregates	OECD MEI	BoJ	rates not sa	HRS from Excel file	-	IRL: 88, IRS: 80	-
Government debt	Manual input desk Excel file	EPA (Annual Report on the National Accounts)	-	-	Revised fiscal years transformed in calendar years by EPA		Stock interpolation
Capital stock	OECD estimate	EPA ("Gross capital stock of private enterprises")	-	KHV manual input (source: EPA)	Perpetual Inventory Method (PIM) applied to construct the capital stock series for public enterprises. Business sector capital stock is sum of private enterprise and public enterprise capital stock	-	scrapping rates of quarters of a year are assumed to be equal
Foreign trade	OECD FT A	EPA	ADB	Manual input: deflators non-factor services (primary source: EPA; frequency: Q), History: ADB for XEV	PXE=PME (1961-1990) PMS, PXS from National Accounts New Reference Series		Highest frequency: Q
Balance of payments	OECD MEI	BoJ	ADB				Highest frequency: Q

BoJ Bank of Japan

EPA Economic Planning Agency

MCA Management and Co-ordination Agency

⁹ New estimates for the official "reference series" were incorporated from 1994 Q1.

5.3. Germany

(DEU)ESA95	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections (1)	Interpolations
Expenditures and GDP.	OECD QNA	SB	-	-	IB, IBV, IG, IGV s.a. by us (ESA95/SNA93)	-	-
Government account	OECD SNA	SB (ESA95/SNA93)	us	-	NLG 1995 Q1 adjusted (Treuhand operation); KTRRG calculated as residual; manual input: GGINTR (from 1980 onwards)	1991 Break + partial SNA definition before 1991	GGINTR simple interpolation New SNA93 for W. Germany from 1980 (splice before)
Household account	DIW data file	SB (ESA95/SNA93)	us	OECD QNA: WSSS, WAGE)	Net income	1991 Break SNA definition	New SNA93 from 1970
Labour market	DIW file	SB (employment and HRS); BfA (unemployment)	us	OECD ALF: POP, POPT, POPM, EUFW	Estimate: LFM (from 1991 onwards)	Break 1991	POP, POPT, POPM, EUFW simple interpolation
Unit labour costs manufacturing (ULCM)	ULCM from ULCMAN BuBa	BuBa		BUBA file: ULCMAN (monthly)	New "value added" definition		ULCM interpolated with ULCMAN as guide
Interest rates and monetary aggregates	OECD MEI: IRS; IRL; OECD MFD: MONEYS	Buba	rates not sa	OECD FS: IRL (1974-1989); OECD MFD: IRL (up to 1973); manual input: IRS (up to 1973)	-	IRL (1990)	-
Government debt	Manual input	Buba	-	European Commission: GGFLMQ	-	-	Yearly series stock interpolation
Capital stock	OECD Estimate	SB	-		-	-	Scrapping rates of quarters of a year are assumed to be equal
Foreign trade	OECD FT A	SB	us	OECD QNA: deflators non-factor services	Manual input: eastern Germany (up to 1990)	No 1990/1991 break	Highest frequency: Q
Balance of payments	OECD MEI	Buba	us			No 1990/1991 break	Highest frequency: Q

(1) Break in 1991. Prior to this date, the new Statistisches Bundesamt estimates West German data on SNA93/ESA95 basis, spliced onto old data.

SB Statistisches Bundesamt

BfA Bundesanstalt fuer Arbeit

Buba Bundesbank

5.4. France

(FRA) ESA95	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections	Interpolations
Expenditures and GDP.	OECD QNA	INSEE	INSEE		-	1978, 1970	
Government account	OECD SNA	INSEE	INSEE	OECD QNA: quarterly series (primary source: INSEE; s.a. by INSEE); OECD ANA: GGINTP, GGINTR up to 1977	-	1978, 1970	yearly series interpolated without guide up to 1984; GGINTP and GGINTR interpolated without guide up to 1977
Household account	INSEE (quarterly series)	INSEE	INSEE	OECD QNA: quarterly series (primary source: INSEE)	-	1978, 1970	Yearly series interpolated without guide, with quarterly series (up to 1977)
Labour market	OECD QLF	INSEE	INSEE	manual input: EG, HRS; OECD ALF: POP, POPT, POPM; OECD ALF: UN (up to 1977); manual input: EUFW (source: BdF; primary source: INSEE)	UNR on a monthly basis based on different LF; ET excluding militaries (up to 1989) s.a. by us	1977 (EG), 1978 (UN)	EG(up to 1977) , POP, POPT, POPM, EUFW, UN (up to 1977) interpolated without guide
Unit labour costs manufacturing sector (ULCM)	BLS ULCM (yearly data)			ULCMAN constructed on the basis of manufacturing GDPV and WSSS (source: OECD QNA; quarterly; primary source: INSEE)	ULCM series extended on the basis of ULCMAN		ULCM interpolated with ULCMAN as guide
Interest rates and monetary aggregates	OECD MEI In BdF Online	BdF	rates not sa		-	-	
Government debt	manual input (years)	BdF	-	European Commission: GGFLM	-	-	yearly series interpolated without a guide
Capital stock	OECD FSFC	-	-		OECD FSFC's series are still in 1980 base year. Capital stock series with 1995 as base year are constructed on the basis of FSFC's scrapping rates, the new investment series and the previous capital output ration in 1980		scrapping rates of quarters of a year are assumed to be equal
Foreign trade	direct download from INSEE database	INSEE	INSEE				Highest frequency: Q
Balance of payments	OECD MEI	BdF	BdF				Highest frequency: Q

BdF Banque de France

INSEE Institut National de la Statistique et des Etudes Economiques

5.5. Italy

(ITA) ESA95	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections	Interpolations
Expenditures and GDP.	OECD QNA (ESA95 from 1982 onwards)	ISTAT	ISTAT	OECD ANA: IH, IHVY (up to 1988)	PIG = .89 * PIC + .11 * PIME	1988; 1970; 1980 (IGV)	IH, IHV interpolated with IC, ICV as guide (up to 1998); IG, IGV interpolated without guide
Government account	manual input (years) not consolidated account	ISTAT	-	OECD ANA: 1960-1979 (years)	KTRRG calculated as residual; GGINTP=YPEPG; 1995: break not corrected.	1980 1995 (not corrected)	yearly series interpolated without a guide; exception: CGAA interpolated with CG as guide
Household account	OECD ANA	ISTAT	-	manual input: TRPBSH (from 1972 onwards), CPAA (from 1970 onwards) (primary source: ISTAT); OECD QNA: WSSS (from 1970 onwards; sa. by ISTAT)	TYH (1995: break not corrected)	1970 (WSSS); 1972 (TRPBSH); 1983 (YSE)	yearly series interpolated without a guide (CPAA interpolated with CP as guide, TYH and TRPH with WSSS; WSSS not interpolated from 1970 onwards as quarterly data are available)
Labour market	OECD MEI: ET, UN (from Q4 1992 onwards; 1961-1980)	ISTAT	ET, UN by us	manual input: ET, UN (Q1 1981 - Q3 1992; up to 1960); OECD ANA: EG+ (includes other non-market services); OECD QNA: ETNIA, EE (from 1970 to 1981); OECD ANA: ETNIA, EE (up to 1970); OECD ANA: EG, POP, POPT, POPM, EUFW	ISTAT: ETNIA, EE from 1982 onwards	1981 and 1960 (ET, UN); 1970 (ETNIA, EE, EG); 1989 (POPT)	EG interpolated with EG+ as guide; POP, POPT, POPM, EUFW, ETNIA (up to 1970), EE (up to 1970) interpolated without guide
Unit labour costs manufacturing sector (ULCM)	BLS ULCM (yearly data)			ULCMAN : OECD MEI	ULCM series extended on the basis of ULCMAN		ULCM interpolated with ULCMAN as guide
Interest rates and monetary aggregates	OECD MEI	BI	rates not sa	OECD FS: IRS (up to 1978)	-	-	-
Government debt	manual input	BI	-	European Commission: GGFLM	-	-	yearly series interpolated without a guide
Capital stock	constructed	-	-	-	Perpetual Inventory Method (PIM) applied to construct the capital stock series	-	scrapping rates of quarters of a year are assumed to be equal
Foreign trade	OECD FTS	ISTAT	us	manual input: deflators of non-factor services (frequency: Y)			Highest frequency: Q; PXS (PMS) interpolated with PXM (PMM) as guide
Balance of payments	OECD MEI	BI	BI				Highest frequency: Q

BI Banca d'Italia ISTAT Istituto Centrale di Statistica

UIC Ufficio Italiano dei Cambi

5.6. United Kingdom

(GBR) ESA95	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections	Interpolations
Expenditures and GDP.	OECD QNA	ONS (Economic Trends)	ONS	-			-
Government account	OECD QNA	ONS (Economic Trends)	ONS	direct extraction from ONS database: YPERG, YPEPG, CGW; OECD ANA: GGINTP, GGINTR;			GGINTP, GGINTR interpolated without guide
Household account	OECD QNA	ONS (Economic Trends)	ONS	manual input: TRPBESH (primary source: ONS)	-	1987; TRPBESH (1989)	TRPBESH interpolated without guide
Labour market	OECD QLF	ONS (Quarterly Labour Survey)	ONS	manual input: EG, ES (primary source: ONS); OECD ALF: POP, POPT, POPM; OECD MEI: ECSB/ECSC monthly unemployment level/rate series (primary source: ONS)	-	LF (1969)	EG, POP, POPT, POPM interpolated without guide
Unit labour costs manufacturing sector (ULCM)	BLS ULCM (yearly data)			OECD MEI: ULCMAN (monthly; primary source: ONS)	ULCM series extended on the basis of ULCMAN		ULCM interpolated with ULCMAN as guide
Interest rates and monetary aggregates	OECD MEI	ONS(Financial Statistics)	rates not sa	-	-	-	-
Government debt	manual input	ONS (National Accounts Blue Book)	-	BoE series before 1984 (manual input); European Commission: GGFLM	-	-	yearly series interpolated without a guide
Capital stock	OECD FSFC	ONS	-	-	FSFC's series are still on 1990 base year. Capital stock series with 1995 as base year are constructed on the basis of FSFC's scrapping rates, the new investment series and the previous capital output ratio in 1990	-	scrapping rates of quarters of a year are assumed to be equal
Foreign Trade	download from ONS database	ONS					Highest frequency: Q
Balance of payments	OECD MEI and IMF IFS	ONS	Source		BPM5 definition	1987	Highest frequency: Q

ONS Office for National Statistics

5.7. Canada

(CAN) ESA95	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections	Interpolations
Expenditures and GDP.	OECD QNA	SC	SC	manual input: GDP, GDPV (up to 1960)	IH and IHV (up to 1980) constructed on the basis of private sector series	1961 (GDP, GDPV)	GDPADJ, GDPVADJ interpolated without guide
Government account	OECD QNA	SC	SC	OECD ANA: GGINTR	KTRRG calculated as residual	-	GGINTR interpolated without guide
Household account	OECD QNA	SC	SC	WAGE and TRPBTH: downloaded from SC's CANSIM database	-	-	-
Labour market	download from SC's CANSIM database	SC	SC (EG, LF by us)	Manual input: EG + desk file OECD MEI: LF, ET, EE, LFM OECD ALFS: POP, EUFW	-	1976 (LF, ET, EE, POPT); EG (1982; 1990)	Interpolation without guide: EG, POP, POPT, EUFW
Unit labour costs manufacturing sector (ULCM)	BLS ULCM (yearly data)			OECD MEI: ULCMAN (monthly; primary source: SC)	ULCM series extended on the basis of ULCMAN		ULCM interpolated with ULCMAN as guide
Interest rates and monetary aggregates	OECD MEI	-	rates not sa	PCPA	-	Definition change 1981: IRS	-
Government debt	manual input	SC (National Balance Sheet Accounts)	-	-	-	-	yearly series interpolated stock
Capital stock	download from SC's CANSIM database	-	-	-	STAT CAN Investment from Capital Stock used to calculate a scrapping rate. This scrapping rate and the National Account Investment are used to construct a capital stock series	-	scrapping rates of quarters of a year are assumed to be equal
Foreign trade	download from SC's CANSIM database	SC	SC	OECD QNA: deflators non-factor services (frequency: Q)			Highest frequency: Q
Balance of payments	download from SC's CANSIM database	SC	SC	OECD MEI			Highest frequency: Q

SC Statistics Canada

5.8. Australia

(AUS) ESA95	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections	Interpolations
Expenditures and GDP.	OECD QNA	ABS	ABS	-	-	-	Sum of quarterly figures of OECD QNA not equal to yearly figures (as s.a. is on fiscal years). Therefore, calendar-year figures interpolated with quarterly figures as guide
Government account	OECD QNA	ABS	us	OECD ANA: NLG, RESTG (fiscal years); manual input: CGW (up to 1987)	Calendar series for NLG and RESTG based on interpolated fiscal year series; KTRRG calculated as residual	-	Yearly series interpolated with quarterly series as guide. NLG, RESTG and GGINTR interpolated without guide
Household account	-	-	-	ABS file: YCSA, YCSB; manual input: WAGE (up to 1983)	TRPBTH calculated as WSSS-WAGE	1984 (WAGE)	yearly series interpolated with quarterly series as guide
Labour market	OECD QLF	ABS(Monthly Labour Force Survey)	ABS/us	OECD ALF: POP, POPT, POPM, EUFW; ABS file: LF, UN (up to 1964), ET, ES (up to 1989); EG (from 1989 onwards); Manual input: EG (1983-1989), ES (1990-1991)	ET calculated as LF-UN; ES calculated as ET-EE; EG before 1983 constructed on the basis of wage sum	1965 (LF, UN); EE (1977); EG (1984,1989); 1971 (POPT, POPM)	Interpolated without guide: POP, POPT, POPM, EUFW
Unit labour costs manufacturing sector (ULCM)	ULCM = ULCMAN			ULCMAN constructed on the basis of non-agricultural GDPV and WSSS (sources: OECD QNA and direct download; quarterly; primary source: ABS)	ULCMAN is ulc of non-agricultural sector		-
Interest rates and monetary aggregates	OECD MEI	RBA	rates not sa	-	-	-	-
Government debt	manual input (fiscal years)	ABS (Public debt in Australia; cat nr 5513)	-	-	-Fiscal year series	-	yearly series interpolated without a guide
Capital stock	OECD FSFC	ABS(Australian national accounts, capital stock; cat.nr.5221.0)	-	Fiscal year series adjusted to calendar year series	-	-	scrapping rates of quarters of a year are assumed to be equal
Foreign trade	OECD FT A	ABS	us				highest frequency: M
Balance of payments	OECD MEI	ABS	us		BPM5 definition		highest frequency: Q

ABS Australia Bureau of Statistics

RBA Reserve Bank of Australia

5.9. Austria

(AUT) ESA95	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections	Interpolations
Expenditures and GDP rebased to 1995 and ESA95	OECD QNA	WIFO	Us Up to 1960	OECD SNA	PIG=PIC; IMEQ(V) and IC(V) adjusted to get consistency with IT(V) [tax difference]; WIFO had discontinued the production of quarterly estimated mid-1986	1976, 1970 (desegregated investment series) 1964; 1976; 1988	yearly series interpolated with quarterly series as guide from 1955 to 1999
Government account	OECD SNA	WIFO	-	TYB desk	KTRRG calculated as residual. CGAA = CG	1988 1976	yearly series interpolated without a guide
Household account	OECD SNA	WIFO	-	WSSS; WAGE from QNA OECD SNA (ESA95) since May 2001	From file: YOTH, YDH, TYH, INTDBT, TRSSH, TRPH corrected for 1985-1988. TRRH calculated as residual YSE = .292 (WSSS-CGW)	1976, 1988, 1995	yearly series interpolated without a guide except CPAA, WSSS, WAGE
Labour market	OECD MEI	WIFO	by us	OECD ALF, POP, POPT, POPM, EUFW OECD QNA: ES, UN, ET, EE (ESA95)	ET calculated as EE+ES; LF calculated as ET+UN EG government employment	1962 (UN, EE) 1988 (ES, UN, ET, EE)	Yearly series interpolated without a guide (POP, POPT, EUFW, EG, ES.OLD)
Unit labour costs manufacturing sector (ULCM)	ULCM = ULCMAN OECD MEI			-			
Interest rates and monetary aggregates	OECD MEI	ONB	rates not sa		-	-	
Government debt	manual input	Ministry of Finance	-	European Commission: GGFLM	GGFL = GGFLM, manual input: GNFL 1960 – 2001, GGFL 1960 - 1996	-	Type stock
Capital stock	Constructed	ANA (investment series)	-	Manual input: investment 1950-1960	Perpetual Inventory Method (PIM) applied to construct the capital stock series	1960 (investment series)	scrapping rates of quarters of a year are assumed to be equal
Foreign trade	OECD FT A	Statistics Austria	us	Manual input: volume series (up to 1994); WIFO file: deflators non-factor services			Highest frequency: Q
Balance of payments	OECD MEI	ONB	us	-		1982; 1992	Highest frequency: Q

WIFO Oesterreichisches Institut fuer Wirtschaftsforschung

ONB Oesterreichische Nationalbank

5.10. Belgium

(BEL) ESA95	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections	Interpolations
Expenditures and GDP.	OECD QNA	ICN	-	OECD ANA (up to 1989; primary source: ICN); OECD QNA (primary source: BNB; s.a. by BNB); Manual input: IH, IHV (source: ICN)	ISKV calculated as residual	-	Yearly series interpolated with quarterly series
Government account	OECD SNA	ICN	-	OECD ANA (up to 1987; primary source: ICN); manual input: CGW (up to 1986; source: ICN)	KTRRG calculated as residual	-	yearly series interpolated without a guide
Household account	BNB diskette	ICN	-	OECD ANA (up to 1987; primary source: ICN)	WSSS adjusted for earnings from abroad (as a consequence it is not total compensation received by households but total compensation paid by Belgian enterprises and government)	-	yearly series interpolated without a guide
Labour market	File sent by BNB	EUROSTAT (Labour Force Survey)	-	Manual input: EG (provided by BNB)	LF, ET, EE, UNR exclude cross border workers		yearly series interpolated without a guide
Unit labour costs manufacturing sector (ULCM)	BLS ULCM (yearly data)			ULCMAN constructed on the basis of manufacturing GDPV and WSSS (manual input; yearly primary source: ICN)	-		yearly ULCMAN series interpolated without a guide
Interest rates and monetary aggregates	OECD MEI	BNB	rates not sa	BNB diskette: MONEYS (up to 1979)	-	1980 (MONEYS)	-
Government debt	manual input	European Commission	-	BNB	GGFL=GGFLM	-	yearly series interpolated without a guide
Capital stock	OECD FSFC		-	-	-	-	
Foreign trade	OECD FTA: for volumes and value		us	manual input: deflators non-factor services (source: Eurostat national accounts)	-		PXS (PMS) interpolated with PXM (PMM) as guide
Balance of payments	OECD MEI and IMF IFS	BNB	us	-	Belgium all period	1995	highest frequency: Q

BdP Bureau du Plan

BNB Banque Nationale de Belgique

ICN Institut des Comptes Nationaux (Banque Nationale de Belgique)

5.11. Czech Republic

(CZE) ESA95	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections	Interpolations
Expenditures and GDP.	OECD QNA (years and quarters)	CSU	us	-			
Government account	Excel file from CSU	CSU	-	-		-	yearly series interpolated without a guide
Household account	Excel file from CSU	CSU/OECD (1998)	-	-	-	-	yearly series interpolated without a guide
Labour market	OECD QLF	CSU	-	-	1991 and 1992 figures are estimates	-	-
Unit labour costs manufacturing sector (ULCM)	ULCM = ULCMAN				ULCMAN constructed on the basis of industrial production and wage rate and employment of manufacturing sector (source: OECD MEI; quarterly; primary source: INSEE)		
Interest rates and monetary aggregates	OECD MEI	CNB	rates not sa	-	-	-	
Government debt	-	-	-	-	not available	-	-
Capital stock	-	-	-	-	not available	-	-
Foreign trade	OECD FTS	-	us	World Bank: goods up to 1991 and deflators for non-factor services	-	1991	highest frequency: Q
Balance of payments	OECD MEI		us				highest frequency: Q

CNB Czech National Bank

CSU Czech Statistical Office

CSU/OECD (1998), "National Accounts for the Czech Republic, Sources, Methods and Estimates", Paris, 1998

5.12. Denmark

(DNK) ESA95	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections	Interpolations
Expenditures and GDP.	OECD QNA	SD	SD	OECD QNA (1977-1987); old SD diskette (up to 1988)	-	1988	yearly series interpolated without guide (up to 1976); with quarterly series (1977-1987)
Government account	-	SD	-	old SD diskette (up to 1987); manual input: RESTG	KTRRG calculated as residual GGINTP = YPEPG	1988 (not corrected); 1981 (SSPG), 1988 (IG)	yearly series interpolated without a guide
Household account	-	SD	-	old SD diskette: up to 1988; manual input: TRPBSH	YPE calculated as residual	1988 (not corrected), 1981	yearly series interpolated without a guide
Labour market	SD (quarterly data)	SD	-	Old SD diskette (up to 1988) OECD ALF: POP, POPT, POPM, EUFW; OECD MEI: UN, ET	LF calculated as ET+UN	-	POP, POPT, POPM, EUFW, EE, ET, EG, UN (up to 1988) interpolated without a guide
Unit labour costs manufacturing sector (ULCM)	BLS ULCM (yearly data)			file provided by the Desk: ULCMAN	ULCM series extended on the basis of ULCMAN	-	ULCM interpolated with ULCMAN as guide
Interest rates and monetary aggregates	OECD MEI	-	not sa	SD diskette: IRS (1982-1986), IRL (1983-1986); OECD MEI: IRS (up to 1981), IRL (up to 1982)	-	1982, 1987 (IRS); 1984, 1987 (IRL); MONEYS (1989)	-
Government debt	manual input	Danish National Bank/ Danish Ministry of Economic Affairs	-	European Commission: GGFLM	-	-	yearly series interpolated without a guide
Capital stock	OECD FSFC	SD	-	-	FSFC's series are still on 1980 base year. Capital stock series with 1990 as base year are constructed on the basis of FSFC's scrapping rates, the new investment series and the previous capital output ratio in 1980	-	scrapping rates of quarters of a year are assumed to be equal
Foreign trade	OECD FT A	SD	us	OECD QNA deflator of non-factor services (frequency: Q); Old SD diskette (up to 1977)		1988, 1977	goods: highest frequency: Q; PXS (PMS) interpolated without a guide (up to 1977)
Balance of payments	OECD MEI	SD	us	IMF (up to 1987)			highest frequency: Q

SD Statistics Denmark

5.13. Finland

(FIN) ESA95	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections	Interpolations
Expenditures and GDP.	OECD QNA	SF	us [ISK(V) not s.a.]	OECD ANA: main series up to 1974; SF diskette: disaggregated investment series up to 1974	-	1975	yearly series interpolated without guide (historical data up to 1974 + ISK,ISKV)
Government account	SF	SF	-	OECD ANA (up to 1974)	-	1975	yearly series interpolated without a guide
Household account	SF	SF	-	OECD ANA (up to 1974)	assumption made for TRPBSh 1960-1975	1975	yearly series interpolated without a guide
Labour market	SF: ETNIA, EE, EG (years); OECD MEI (quarterlies SA)	SF	US F	OECD ANA: ETNIA, EE, EG (up to 1996); OECD ALFS: POP, POPT, POPM, EUFW; manual input: POPT 1989 – 2001	UN calculated as LF-ET; ES calculated as ETNIA-EE	1964, 1975, 1988	Yearly series interpolated without a guide
Unit labour costs manufacturing sector (ULCM)	ULCM =ULCMAN			ULCMAN constructed on the basis of manufacturing GDPV and WSSS (source: OECD ANA; yearly)		1985	ULCMAN interpolated with GDPV-9 as guide
Interest rates and monetary aggregates	OECD MEI	BoF	rates not sa	datafile based on OECD FS: IRL (up to 1988), IRS (up to 1986)	-	-	-
Government debt	manual input CSO of Finland	SF	-	European Commission: GGFLM	-	1975	yearly series interpolated without a guide
Capital stock	OECD ANA + OECD QNA +ASTIKA	SF	-	Manual input KBV (1975 - 2001)	-	-	-
Foreign trade	OECD FT A	National Board of Customs	us	manual input: goods by category (1975-1992); frequency: Q	-	1992 (goods by category)	highest frequency: Q; goods by category: yearly series interpolated with quarterly series as guide (1975-1992)
Balance of payments	file sent by BoF	BoF	us	OECD MEI			highest frequency: Q

BoF Bank of Finland

SF Statistics Finland

CSO Central Statistic Office

5.14. Greece

(GRC) ESA95	Source	Primary source	S.A. by	Additional sources	Remarks	Splicing Dates	Interpolations
Expenditures and GDP.	SNA	-	-	From ESA95 from 1970		1995; 1988; 1970	yearly series interpolated with quarterly series without guide
Government account	SNA	-	-	ESA95 from 1960 (all series except CGW; TRRG, SSPG) Clean for outlook		1995 1988	yearly series interpolated without a guide
Household account	SNA	Private savings	-	ESA95 (60 to 2000)	Spliced in ZCS004; YOTH as an identity	1995 1988	yearly series interpolated without a guide
Labour market	OECD ALF LFS	EUROSTAT (Labour Force Survey)	-	Manual input: EG (all years); LF, ET, EE (1996 to 1999)	-	1981 (EG)	yearly series interpolated without a guide
Unit labour costs manufacturing sector (ULCM)	ULCM = ULCMAN OECD MEI			ULCMAN (quarterly) OECD MEI			
Interest rates and monetary aggregates	OECD MEI	-	rates not sa	Manual input: IRS (January-April 1978)	-	-	-
Government debt	manual input	European Commission	-	Bank of Greece: GGFL up to 1989 European Commission: GGFLM	From 1995 GGFL=GGFLM; GNFL=GGFL	-	yearly series interpolated without a guide
Capital stock	Constructed From EO64	Greek National Account	-	-	OECD estimates using KB identity	1962 1975	scrapping rates of quarters of a year are assumed to be equal. Yearly series interp. Without guide
Foreign trade	OECD FTS Series A	Statistics Greece. (Trade indices stop in 1995)	us	Eurostat: deflators of non-factor services (frequency: Y)	Services missing		highest frequency: Q; PXS (PMS) interpolated with PXM (PMM) as guide
Balance of payments	OECD MEI From 1990		us	IMF IFS	BPM5 definition		highest frequency: Q

5.15. Hungary

(HUN) ESA95	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections	Interpolations
Expenditures and GDP.	OECD QNA	HSU	us	-	SNA93	1995 (only for constant prices)	Yearly series interpolated with quarterly series as a guide
Government account	Excel file for GFS	HSU (National Accounts 1991-1999)	-	Clean for outlook	-	-	yearly series interpolated without a guide
Household account	Excel file for HSU	HSU (National Accounts 1991-1999)	-	-	-	-	yearly series interpolated without a guide
Labour market	OECD EMP (quarterly data)	HSU	us	-	1991 employment data constructed using the HSU Statistical Yearbook 1995	-	POP, POPT, POPM, EG interpolated without a guide
Unit labour costs manufacturing sector (ULCM)	ULCM = ULCMAN	-	us	ULCMAN constructed on the basis of industrial production and wage rate and employment of manufacturing sector (source: OECD MEI; quarterly)	-	-	-
Interest rates and monetary aggregates	OECD MEI	BoH	rates not sa	-	-	-	-
Government debt	Manual input	-	-	-	-	-	-
Capital stock	-	-	-	-	not available	-	-
Foreign trade	OECD FTS	-	us	-	Goods data: constructed for 1975-1985; PXS and PMS constructed as unweighted average of goods deflator and private consumption deflator	-	highest frequency: Q
Balance of payments	OECD MEI	-	us	-	-	-	highest frequency: Q

BoH Bank of Hungary

HSU Hungarian Central Statistical Office

5.16. Iceland

(ISL) ESA95	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections	Interpolations
Expenditures and GDP.	OECD QNA	CBI (IG, IGV)	us	Manual input: IG, IGV	Break corrections =1970, 1990 for IG, IGV, IH, IHV, IB, IBV	1990	yearly series interpolated without a guide
Government account	Desk excel from NEI (from 60,70)	-	-	-	Estimated SNA93	1987	yearly series interpolated without a guide
Household account	Not available	-	-	-	Only series available: WSSS	-	yearly series interpolated without a guide
Labour market	manual input: EG OECD MEI	NIE	-	OECD LFS: ET, LF, ES,POP,POPT,POPM	UN calculated as LF-ET	-	yearly series interpolated without a guide
Unit labour costs manufacturing sector (ULCM)	ULCM = ULCMAN				no historical data for ULCMAN		
Interest rates and monetary aggregates	OECD MEI (IRS, MONEYS, IRL)	CBI	-	Manual input: IRS (up to 1987)	-	-	Interpolation IRS, IRL yearly series
Government debt	manual input	CBI, Ministry of Finance	rates not sa	Ministry of Finance	-	-	yearly series interpolated without a guide
Capital stock	Constructed from desk estimates	-	-	-	On the basis of the assumed capital/output ratio in the base year; scrapping rates based on earlier calculations and investment series	-	scrapping rates of quarters of a year are assumed to be equal
Foreign trade	OECD FT C, manual input (source: Desk)				Not updated		
Balance of payments	OECD MEI from 1990		us		BPM5		Highest frequency: Q

CBI Central Bank of Iceland

NIE National Economic Institute

Base y = 1990

5.17. Ireland

(IRE) ESA95	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections	Interpolations
Expenditures and GDP.	Manual input	CSO (NIE)	-	OECD ANA: up to 1989 (ICV: up to 1970 and 1982,1983; IC: up to 1985; IHV: up to 1986); OECD QNA	Assumption made for IHG deflator	1990; 1987 (GNPV, ICV, IHV); 1986 (IC); 1982 (ICV); 1970 (IC,ICV,IH,IHV)	yearly series interpolated without guide
Government account	manual input	CSO (NIE)	-	OECD ANA: TIND, TSUB, CFKG (up to 1977)	KTRRG calculated as residual	1990 (TSUB); 1977 (CGAA, TIND, TSUB, CFKG), 1970 (CFKG)	1990 yearly series interpolated without a guide
Household account	manual input	CSO (NIE)	-	OECD ANA: WSSS (up to 1989)	-	1990 (WSSS, TRRH, YPE, YSE); 1986 (YPE, YSE)	yearly series interpolated without a guide
Labour market	manual input	CSO (Labour Force Statistics) + CSO (Quarterly National Household Survey)	-	OECD ALF: ET and UN (up to 1984); POPT (up to 1982); POP, POPM, EUFW (total period)	LF calculated as ET+UN	1985 (ET, UN)	yearly series interpolated without a guide
Unit labour costs manufacturing sector (ULCM)	ULCM = ULCMAN			OECD MEI: ULCMAN (quarterly)			
Interest rates and monetary aggregates	OECD MEI	CBI	rates not sa		-	1990 (MONEYS)	-
Government debt	manual input	European Commission		manual input: GGFL (up to 1989; primary source: CBI and Ministry of Finance)	GGFL=GGFLM (from 1990 onwards); GNFL=GGFL	-	yearly series interpolated without a guide
Capital stock	constructed	-	-	-	On the basis of the assumed capital/output ratio in the base year; scrapping rates based on earlier calculations and investment series	-	scrapping rates of quarters of a year are assumed to be equal
Foreign trade	OECD FT A: values; manual input: volumes	CSO	us	Eurostat: deflators of non-factor services	PXE =PME		yearly MGV and XGV interpolated without a guide; PXS (PMS) interpolated with PXG (PMG) as guide
Balance of payments	file sent by CSO	CSO	us				highest frequency: Q

CBI Central Bank of Ireland

CSO Central Statistics Office

NIE National Income and Expenditure publication

5.18. Korea

(KOR) ESA95	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections	Interpolations
Expenditures and GDP.	OECD QNA (USNA 93)	BOK	ADB	OECD SNA (IG, IHG)	Assumptions made to construct PIG, IGV	1990 splice into numerous data	yearly series interpolated with quarterly series as guide (IG and IHG interpolation simple)
Government account	OECD SNA (SNA 93)	NSO	-	Data start 1975	-	-	yearly series interpolated without a guide
Household account	OECD SNA (SNA 93)	NSO	-	-	Assumption made on composition of TRSSH; diverging definition of NLH	SNA 93 Starting in 1975	yearly series interpolated without a guide
Labour market	OECD ALF	NSO	-	-	EG constructed: $EG = (CGW/WSSS)*(ET-ES)$	-	yearly series interpolated without a guide
Unit labour costs manufacturing sector (ULCM)	BLS ULCM (yearly data) ULCMAN MEI			Calculation for ULCMAN	ULCM series extended on the basis of ULCMAN		ULCM interpolated with ULCMAN as guide
Interest rates and monetary aggregates	OECD MEI	BoK	rates not sa	manual input: MONEYS, IRL (up to 1990; primary source: BoK Monthly Statistical Bulletin)	MONEYS = M3	-	-
Government debt	manual input	BoK	-	-	-	-	yearly series interpolated without a guide
Capital stock	-	-	-	-	-	-	-
Foreign trade	file sent by NSO	NSO	us				highest frequency: Q; yearly PXS and PMS interpolated without a guide
Balance of payments	IMF IFS	BoK	us				highest frequency: Q

BoK Bank of Korea

NSO National Statistical Office

5.19. Luxembourg

(LUX) ESA95	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections	Interpolations
Expenditures and GDP.	ESA95 Survey from 1970	-	-	-	decomposition of ITV not available	1970	yearly series interpolated without a guide
Government account	OECD, SNA	-	-	1990	-	1970	yearly series interpolated without a guide
Household account	MEI, SNA	-	-	-	WSSS, WAGE	-	yearly series interpolated without a guide
Labour market	OECD ALFS	-	-	OECD ALF: UN (up to 1995), ET (up to 1982), EE (up to 1987), POP, POPT, POPM; OECD ANA: EG (up to 1988)	Account for cross border workers ETNIA=ZCS001+ET	-	yearly series interpolated without a guide
Unit labour costs manufacturing sector (ULCM)	-	-	-	-	Not available	-	-
Interest rates and monetary aggregates	-	-	-	-	Not available	-	-
Government debt	manual input	European Commission	-	-	-	-	yearly series interpolated without a guide
Capital stock	-	-	-	-	Not available	-	-
Foreign trade	FTS	-	-	-	-	-	-
Balance of payments	MEI	-	-	-	-	-	-

5.20. Mexico

(MEX) ESA95	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections	Interpolations
Expenditures and GDP.	OECD QNA; OECD SNA	INEGI	us		-	1988, 1993	
Government account	OECD ANA	INEGI	-	-	only series available: TIND, TSUB, CGW	1987 (CGW)	yearly series interpolated without a guide
Household account	OECD ANA	INEGI	-	-	only series available: WSSS		yearly series interpolated without a guide
Labour market	OECD MEI: UNR, UN, LF	INEGI	-	manual input: ETNIA; OECD ANA: EE, EG; manual input: POP (primary source: IMF IFS), POPT; OECD ALF: EUFW; manual input: UNR (up to 1989), LF (up to 1991), EE (up to 1979)	UN calculated as UNR/100*LF; ET calculated as LF-UN; ES calculated as ETNIA-EE	1980 and 1988 (EE); 1988 (EG)	-
Unit labour costs manufacturing sector (ULCM)	ULCM = ULCMAN			ULCMAN constructed on the basis of manufacturing GDPV and WSSS (source: OECD ANA; yearly)			ULCMAN interpolated without a guide
Interest rates and monetary aggregates	OECD MEI	BoM	rates not sa	-	-		-
Government debt	-	-	-	-	Not available	-	-
Capital stock	-	-	-	-	Not available	-	-
Foreign trade	Download from the internet site of BOM		us		Non-manufactured goods series constructed: MF = 0.47 (MG-MM); MR = 0.36 (MG-MM); ME = 0.17 (MG-MM) idem for volume series	1980 (volumes) 1970 (prices)	Highest frequency: Q
Balance of payments	OECD MEI	BoM	Source		BPM5 definition		Highest frequency: Q

BoM Bank of Mexico

INEGI National Statistical Office

5.21. Netherlands

(NLD) ESA95	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections	Interpolations
Expenditures and GDP.	OECD ANA	CBS (National Accounts)	-	OECD QNA: main aggregates (primary source: CBS) OBS diskette (up to 1994)	-	1995, 1977	yearly series interpolated with QNA series as a guide
Government account	OECD ANA	CBS (National Accounts)	-	-	KTRRG (and therefore NLG) modified for 1995 (housing associations operation)	1995, 1977	yearly series interpolated without a guide
Household account	CBS diskette and manual input	CBS (National Accounts)	-	-	SAVH and SRATIO excluding net contributions (actual and imputed) to life insurance and pension schemes (therefore non-contractual saving only)-	1995, 1977	yearly series interpolated without a guide
Labour market	manual input OECD MEI	CBS (National Accounts)	-	manual input: ET (primary source: CBS Labour Force Survey), UN; OECD ANA: POP, POPT, POPM, EUFW	Employment series are in man-years except ET which is in persons	1987 (ET, ETNIA, EG, EE)	yearly series interpolated without a guide
Unit labour costs manufacturing sector (ULCM)	OECD MEI			ULCMAN : OECD MEI			ULCMAN interpolated without a guide
Interest rates and monetary aggregates	OECD MEI	DNB	rates not sa		-	-	-
Government debt	manual input	DNB, Ministry of Finance.	-	European Commission: GGFLM		-	yearly series interpolated without a guide
Capital stock	constructed	-	-	-	FSFC's series are still on 1990 base year. Capital stock series with 1995 as base year are constructed on the basis of FSFC's scrapping rates, the new investment series and the previous capital output ratio in 1990	-	scrapping rates of quarters of a year are assumed to be equal
Foreign trade	manual input	CBS	us				
Balance of payments	OECD MEI	DNB	DNB	IMF (up to 1985)			Highest frequency: Q

CBS Statistics Netherlands

DNB De Nederlandsche Bank

5.22. New Zealand

(NZL) ESA95	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections	Interpolations
Expenditures and GDP rebased from 91/92 to 95/96 and SNA93	OECD QNA	SNZ	-	RBN diskette (FY1962-FY1982); OECD ANA: (up to FY1961); manual input: disaggregated investment series	-	FY1982 (FY 1983 for IHV)	yearly series interpolated without guide
Government account	Manual input	SNZ	-	-	Fiscal years	CGW(FY1986)	-
Household account	manual input	SNZ	-	-	Fiscal years except WSSS which is in calendar years	-	-
Labour market	RBN diskette	SNZ	us	OECD ALF: POP, EUFW (POPT from desk)	LF calculated as ET+UN	UN (FY1986); EE(1986); ET (1986); EG(1989)	POP, POPT, POPM, EUFW interpolated without guide
Unit labour costs manufacturing sector (ULCM)	ULCM = ULCMAN			up to 1980: ULCMAN constructed on the basis of manufacturing GDPV and WSSS (source: OECD MEI; quarterly)		1981	
Interest rates and monetary aggregates	OECD MEI	RBN	not sa	-	-	-	-
Government debt	Manual input of Desk	-	-	-	-	-	-
Capital stock	manual input	Treasury (estimate)	-	-	-	-	scrapping rates of quarters of a year are assumed to be equal
Foreign trade	OECD FT A	SNZ	us (ME and MEV not sa)	-	Manufactured trade series calculated as residual		Highest frequency: Q
Balance of payments	OECD MEI	SNZ	us	-		1987	Highest frequency: Q

RBN Reserve Bank of New Zealand

SNZ Statistics New Zealand

5.23. Norway

(NOR) ESA95	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections	Interpolations
Expenditures and GDP.	OECD QNA	SN	SN	manual input: mainland output series (primary source: SN Yearly National Accounts); OECD ANA (up to 1978 for current prices; up to 1992 for constant prices)	-	1993 (quarterly series) for constant prices; 1978 (quarterly series) for current prices; 1975 and 1978 (mainland output and offshore investment)	yearly series interpolated with quarterly series as guide; mainland output series interpolated without guide
Government account	SN	SN	-	manual input: CGW, RESTG, oil revenues (primary source SN Yearly National Accounts), YPERG, TRRG, TYB, TIND	-	1978	yearly series interpolated without a guide
Household account	SN	SN	-	Manual input: TRRH (up to 1974), TRPBSH and WAGE (up to 1975)	-	1978	yearly series interpolated without a guide
Labour market	OECD QLF	-	-	OECD MEI: UN (up to 1972; primary source: SN); OECD ALF: LF, EE, ET (up to 1970); OECD ANA: LF, EE, ET (1970-1971); manual input: EG, offshore employment (primary source: SN, National Accounts); OECD ALF: POP, POPT, POPM, EUFW (primary source: SN Labour Force Survey)	UN calculated as LF-ET ECSA (offshore employment) is in full-time equivalent persons.	1970 (LF, EE, ET), 1972 (LF, ET); 1973 (EE), 1978 (EG)	LF(up to 1972), ET (up to 1972), EE (up to 1973), EG, offshore employment, POP, POPT, POPM, EUFW interpolated without guide
Unit labour costs manufacturing sector (ULCM)	BLS ULCM (yearly data)	-	-	ULCMAN constructed on the basis of wages in manufacturing divided by the value added in manufacturing sector (provided by the Desk)	-	1970 (ULCMAN)	ULCM interpolated with ULCMAN as guide
Interest rates and monetary aggregates	OECD MEI	BoN	not sa	-	-	-	-
Government debt	SN	SN	-	-	-	-	yearly series interpolated without a guide
Capital stock	SN	SN	-	-	KBV refers to net capital stock	-	scrapping rates of quarters of a year are assumed to be equal
Foreign trade	OECD FT A	SN	us	-	-	-	Highest frequency: Q
Balance of payments	OECD – MEI	SN	us	IMF (up to 1980 for current account, up to 1993 for capital and financial accounts)	-	-	Highest frequency: Q

BoN Bank of Norway

SN Statistics Norway

5.24. Poland

(POL) ESA95	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections	Interpolations
Expenditures and GDP.	OECD QNA	GUS	Us	SNA 1993	decomposition of IT(V) not available - correction of chain-linked with Laspeyres method	-	Highest frequency: Q
Government account	OECD SNA	GUS	-	SNA 1993	-	-	yearly series interpolated without a guide
Household account	OECD SNA	GUS	-	SNA 1993	-	-	yearly series interpolated without a guide
Labour market	OECD MEI manual input (EG)	GUS	Us (UN, UNR,EE, LF)	OECD MEI (UN, UNR, EE, LF) OECD ALFS (POP, POPT, EUFW)	Old ET, UN, LF → NIA New LF = UN / UNR * 100 ES = ET - EE		yearly series interpolated without a guide(POP, POPT, EUFW,EG)
Unit labour costs manufacturing (ULCM)	ULCM = ULCMAN			ULCMAN constructed on the basis of manufacturing production and wage rate and employment of manufacturing sector (source: OECD MEI; quarterly)			
Interest rates and monetary aggregates	OECD MEI	NBP	rates not sa	OECD MEI: MONEYS	New definition for IRS = 3 – month WIBOR	-	-
Government debt	-	-	-	-	not available	-	-
Capital stock	-	-	-	-	not available	-	-
Foreign trade	OECD FTS		us		Raw materials calculated as residual; Goods data: constructed for 1975-1985; PXS and PMS constructed as unweighted average of goods deflator and private consumption deflator		Highest frequency: Q
Balance of payments	OECD MEI	NBP	-	-			yearly series interpolated without a guide

GUS Polish Central Statistical Office

NBP Polish Central Bank

NIA National Income Account

Base y = 1995

5.25. Portugal

(PRT) ESA95	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections	Interpolations
Expenditures and GDP.	OECD QNA	INE	-	OECD SNA	decomposition of ITV not available	1995	yearly series interpolated without a guide
Government account	OECD SNA	INE	-	-	-	1986	yearly series interpolated without a guide
Household account	OECD SNA	INE	-	-	-	1986, 1977; 1989 (TRPBTH)	yearly series interpolated without a guide
-	-	-	-	-	-	1986, 1977; 1989 (TRPBTH)	yearly series interpolated without a guide
Labour market	OECD QLF	-	-	OECD ALF: up to 1982; OECD ALF: POP, POPT, POPM, EUFW; manual input: EG (primary source: BoP)	-	-	yearly series interpolated without guide (up to 1982); EG, POP, POPT, POPM, EUFW interpolated without guide
Unit labour costs manufacturing sector (ULCM)	ULCM = ULCMAN			file provided by country Desk: ULCMAN (yearly; primary source: BoP)			
Interest rates and monetary aggregates	OECD MEI	BoP	rates not sa	-	-	1986 (IRS); 1980 (MONEYS)	-
Government debt	manual input	European Commission	-	-	GGFL=GGFLM; GNFL=GGFL	-	yearly series interpolated without a guide
Capital stock	constructed	-	-	-	On the basis of the assumed capital/output ratio in the base year; scrapping rates based on earlier calculations and investment series	-	scrapping rates of quarters of a year are assumed to be equal
Foreign trade	manual input	MoE	us	Eurostat: PXS, PMS	-	1990,1993, 1996	Highest frequency: y; PXS (PMS) interpolated with PXM (PMM) as guide
Balance of payments	OECD MEI and IMF IFS	INE	us		BPM5 definition	1996	Highest frequency: Q

BoP Bank of Portugal INE Instituto Nacional de Estatistica MoE Ministry of Economic Affairs

5.26. Slovak Republic

(SVK)	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections	Interpolations
Expenditures and GDP	OECD QNA	-	us	-	-	-	-
Government account	ADB	Slovak Ministry of Finance	-	OECD SNA from 1994 to 1995	In GFS standard, some adjustments by us	1996	Simple interpolated
Household account	OECD QNA	SO SR	us	-	1994-1995 in ESA 79 1996-2001 in ESA 95	Spliced on 1996	Simple interpolated
Labour market	OECD MEI ADB	SO SR	us	EG, ES, POPT from SO SR	-	-	Simple interpolated
Unit labour costs manufacturing sector (ULCM)	ULCM = ULCMAN OECD MEI	-	us	-	-	-	-
Interest rates and monetary aggregates	OECD MEI OECD MFD	NBS	us	EXCHUD, EXCH, EXCHIN from MFD	-	-	-
Government debt	ADB	SO SR	-	-	-	-	Simple interpolated
Capital stock	-	-	-	-	not available	-	-
Foreign trade	ADB	Slovak Ministry of the Economy	us	-	volumes or unit prices not available	Spliced on 1997	-
Balance of payments	ADB	NBS	us	-	Reported in USD	-	-

SO SR Statistical Office of the Slovak Republic

NBS National Bank of Slovakia

5.27. Spain

(ESP) ESA95	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections	Interpolations
Expenditures and GDP.	OECD QNA ESA95 from 1995 onwards	INE	INE	MOE diskette (yearly data; up to 1970 except for IH, IHV)	PIG = PIC; PGDP used to construct GDPCSA	1970 (quarterly series), 1980 (XGNA); 1995 (accept IH, IHV)	yearly series interpolated with quarterly series as guide (up to 1970; disaggregated investment series interpolated without guide
Government account	OECD ANA Manual input ESA95 from 1995 onwards	BDE	-	manual input: from 1995 onwards	-	1980, 1985, 1995	yearly series interpolated without a guide
Household account	OECD ANA Manual input ESA95 from 1995 onwards	BDE	-	MoE diskette: WAGE; manual input (from 1996 onwards);	-	1980, 1985, 1995 (TYH)	yearly series interpolated without a guide
Labour market	MoE (quarterly Internet)	INE	-	manual input: main series (up to 1977); OECD QLF: EE (1972-1976); OECD ALF: POP, POPM, EUFW	-	1996 (POPT), 1973 (EE), 1976 (EE, EG), 1977 (ET, UN), 1979 (POPT)	Yearly series interpolated with quarterly series as guide (up to 1979); POP, POPM, EUFW interpolated without a guide
Unit labour costs manufacturing (ULCM)	ULCM = ULCMAN			file provided by country Desk: ULCMAN (quarterly; primary source: MoE)	-	-	-
Interest rates and monetary aggregates	MoE Internet: IRL; OECD MEI: IRS, MONEYS	BDE	not sa	OECD FS: IRL (1966-1978); OECD MEI: IRL (up to 1965)	-	IRL (1978/1979)	-
Government debt	manual input	BDE	-	European Commission: GGFLM	-	-	yearly series interpolated without a guide
Capital stock	OECD FSFC	-	-	-	FSFC's series are still on 1986 base year. Capital stock series with 1995 as base year are constructed on the basis of FSFC's scrapping rates, the new investment series and the previous capital output ratio in 1986.	-	scrapping rates of quarters of a year are assumed to be equal
Foreign trade	MoE Internet		us	-	-	-	highest frequency: Q; PXS (PMS) interpolated with PXM (PMM)
Balance of payments	OECD – MEI	BDE	us	IMF (up to 1990)			highest frequency: Q

BDE Banco de Espana

INE Instituto Nacional de Estadistica

MoE Ministry of Economic Affairs

5.28. Sweden

(SWE) ESA95	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections	Interpolations
Expenditures and GDP.	OECD QNA	SS	us	OECD ANA: disaggregated investment series	-	1970 (CP, IT, MGS, XGS, disaggregated investment series), 1980	Disaggregated investment series interpolated without guide (up to 1992)
Government account	OECD ANA	SS	-	-	TRRG and TRPG calculated as residual	1980 and 1970 (not corrected)	yearly series interpolated without a guide
Household account	Manual input all main series (from 1993 onwards) OECD QNA (YDH, YSE, TRRH up to 1992); OECD ANA	SS	YDH, YSE, TRRH by us	manual input: INTDBT, TRPH, TRPBPH and TRPGSH (from 1980 onwards)	YPE calculated as residual-TRPBSH = WSSS-WAGE-TRPBPH-TRPGSH-TRPGPH	1993, 1980 and 1970 (not corrected)	yearly series interpolated without guide
Labour market	OECD QLF: ET, UN; manual input: EE, ETNIA, EG, POPT (from 1992 onwards)	SS	-	OECD ALF: ET (up to 1963), UN (up to 1965), POP, POPT, POPM, EUFW; OECD ANA: EG (up to 1993), EE (up to 1975), ETNIA (up to 1975)	LF calculated as ET+UN; ES calculated as ETNIA-EE	1963 (ET), 1965 (UN); 1980 and 1970 (ETNIA, EE, EG)	yearly series interpolated without guide (ET only up to 1962, UN only up to 1964)
Unit labour costs manufacturing sector (ULCM)	BLS ULCM (yearly data)			ULCMAN constructed on the basis of hourly labour cost and hourly productivity of mining and manufacturing sector (source: OECD MEI; quarterly; file provided by country desk)	-	-	ULCM interpolated with ULCMAN as guide
Interest rates and monetary aggregates	OECD MEI	BoS	not sa	-	-	1987 (IRL)	-
Government debt	manual input	SS	-	European Commission: GGFLM	-	-	yearly series interpolated without a guide
Capital stock	OECD FSFC	-	-	-	FSFC's series are still in 1985 on 1985 base year. Capital stock series with 1995 as base year are constructed on the basis of FSFC's scrapping rates, the new investment series and the previous capital output ratio in 1985.	-	scrapping rates of quarters of a year are assumed to be equal
Foreign trade	OECD FTA, OECD QNA: PXS, PMS		us	OECD FT A:1984-1990; manual input: up to 1983	-	-	highest frequency: Q
Balance of payments	OECD MEI	BoS	us	IMF (up to 1991)	-	-	highest frequency

SS Statistics Sweden

BoS Bank of Sweden

5.29. Switzerland

(CHE)	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections	Interpolations
Expenditures and GDP	OECD QNA from 1980	OFS	ADB	manual input: IH, IHV, IG, IGV [primary source: SFSO (Comptes Nationaux de la Suisse)]; SNB file: yearly data 1948-1966; KOF file: quarterly data 1965-1979 (s.a. by KOF)	-	1990, 1980, 1967	yearly data 1948-1966 and IH, IHV, IG, IGV simple interpolation
Government account	FAME database from OFS data 1991; SNB data before 1991	OFS; SNB to 1991	-	Bank file Clean for outlook	Splice in 1991	-	yearly series simple interpolation
Household account	FAME database from OFS data 1991; SNB data before 1991	OFS; SNB to 1991	-	Bank file	Splice in 1991	-	yearly series simple interpolation
Labour market	KOF file (UN), OECD EMP (ET), ALFS OECD, ETNIA (Fame DB)	KOF (UN, UNR) SNB (ETNIA) OFS	ET, UN by ADB (from 1974 onwards)	OECD ALFS: ET (up to 1969), POP, POPT, POPM; manual input: EG; EE =0.89*ETNIA (Dave Rae), KOF file (UNH up to 1973, UN from 1974)	country-specific UNR definition; ES calculated as ETNIA-EE; LF calculated as ET+UN	1969 (ET), 1990 (EG)	ET (up to 1969), EE, EG, POP, POPT, POPM interpolated without a guide
Unit labour costs manufacturing sector (ULCM)	ULCM = ULCMAN				ULCMAN = ULC		
Interest rates and monetary aggregates	OECD MEI	SNB	rates not sa	KOF file (MONEYN)	-	-	-
Government debt	-	-	-	-	not available	-	-
Capital stock	for investment series used see Expenditures and GDP	-	-	-	Perpetual Inventory Method (PIM) applied to construct the capital stock series	-	scrapping rates of quarters of a year are assumed to be equal
Foreign trade	KOF file		us	OECD QNA: PXS, PMS	PXE=PME; XE = .2 XG		highest frequency: Q
Balance of payments	OECD MEI	SNB	us				highest frequency: Q

KOF Konjunkturforschungsstelle der Eidgenössische Technische Hochschule Zürich

OFQE Office federal des questions conjuncturelles

SFSO Swiss Federal Statistical Office

SNB Swiss National Bank

5.30. Turkey

(TUR)	Source	Primary source	S.A. by	Additional sources	Remarks	Break corrections	Interpolations
Expenditures and GDP	OECD QNA OECD ANA	SIS	-	-	QNA data start in 1987	-	Simple interpolated for history before 1987
Government account	Download from DPT internet site	-	-	SIS; s.a. by us; history OECD ANA: TIND, TSUB	Spliced 1979 with ADB estimates	-	Simple interpolated before 1975
Household account	Manual input (WAGE, WSSS)	-	-	-	Data only to 1992 (other series not available)	-	Simple interpolated
Labour market	OECD ALFS	-	-	Manual input: EE, EG, ECSA, ECSB to 1993	-	-	Simple interpolated
Unit labour costs manufacturing sector (ULCM)	ULCM = ULCMAN OECD MEI: WRMAN			Manual input: ULCMAN; Manual input: WRMAN to 1992			WRMAN, ULCMAN Simple interpolated
Interest rates and monetary aggregates	Desk data IRS, IRL; OECD MEI: MONEYS	CBT	Rates not sa	History MEI; manual input history: IRL, IRS	-	-	Simple interpolated IRL
Government debt	-	-	-	-	not available	-	-
Capital stock	-	-	-	-	not available	-	-
Foreign trade	OECD FT C, manual input (source: Desk)		us		PXS and PMS constructed as unweighted average of goods deflator and private consumption deflator		
Balance of payments	OECD MEI from 1992		us		Reported in USD BPM5		Highest frequency: Q

CBT Central Bank of Turkey

DPT State Planning Organisation

SIS State Institute of Statistics

6. COUNTRY AND REGIONS CODES

6.1. Country codes

Name of country	Country code (1)	Name of currency	Base year (2)	weight (3)
United States	USA	U.S. dollar	1996	35.19
Japan	JPN (JAP)	yen	1990	13.93
Germany (4)	DEU (GER)	DEM Euro	1995	8.31
France	FRA	FRF Euro	1995	5.71
Italy	ITA	ITL Euro	1995	5.48
United Kingdom	GBR (UKM)	Pound sterling	1995	5.23
Canada	CAN	Canadian dollar	1997	3.27
Australia	AUS (ASL)	Australian dollar	2000/01	1.80
Austria	AUT (OST)	ATS Euro	1995	0.82
Belgium	BEL (BLX)	BEF Euro	1995	1.06
Czech Republic	CZE	Czech koruna	1995	0.61
Denmark	DNK (DEN)	Danish krone	1995	0.57
Finland	FIN	FIM Euro	1995	0.46
Greece	GRC (GRE)	GRD Euro	1995	0.64
Hungary	HUN	Forint	1998	0.44
Iceland	ISL(ICE)	Icelandic krona	1990	0.03
Ireland	IRE	IEP Euro	1995	0.31
Korea	KOR	Won	1995	2.46
Luxembourg	LUX	LUF Euro	1995	0.07
Mexico	MEX	Mexican peso	1993	2.96
Netherlands	NLD (NET)	NLG Euro	1995	1.56
New Zealand	NZL (NZD)	New Zealand dollar	1995/96	0.30
Norway	NOR	Norwegian krona	1997	0.48
Poland	POL	new zloty	1995	1.29
Portugal	PRT (POR)	PTE Euro	1995	0.65
Slovak Republic	SVK	Slovak koruna	1995	0.22
Spain	ESP (SPA)	ESP Euro	1995	2.84
Sweden	SWE	Swedish krone	1995	0.84
Switzerland	CHE (SWI)	Swiss franc	1990	0.86
Turkey	TUR	Turkish lira	1987	1.65

The code corresponds with the ISO-code except for Ireland. The INTERLINK country code is given within brackets in case of a difference with the Outlook database code.

Base year used for expenditures and other national account series. Base year used for trade series and for some other series is 1995.

Weight in GDP of total OECD in 1995, on the basis of purchasing power parities.

In most series, there is a rupture in 1991. Data up to end-1990 are for western Germany only and from 1991 onwards for total Germany. Main exceptions are the foreign trade (customs basis) series, which are total Germany for the whole period.

6.2. OECD and non-OECD region codes

6.2.1. OECD regions

Code of region	Description	
OECD	total OECD	all OECD countries
BIG7	Major seven countries	USA, JPN, DEU, FRA, ITA, GBR, CAN

LITL TMHIGH	Smaller countries total OECD excluding high inflation countries	all OECD countries except the major seven countries High inflation countries are defined as countries, which have had 10 per cent or more inflation during the 1990s on the basis of historical data. From EO64 onwards this means that GRC, HUN, MEX, POL and TUR are excluded.
TMUS WP3	total OECD excluding United States WP3 countries (=G10)	= BIG7 + BEL + CHE + NLD + SWE (only calculated for trade variables)
EUR EUR4 EURS	total OECD Europe Major four European countries smaller European countries	includes TUR DEU, FRA, GBR, ITA AUT, BEL, CHE, CZE, DNK, ESP, FIN, GRC, HUN, IRE, LUX, NLD, NOR, POL, PRT, SVK, SWE, TUR
EU	European Union	AUT, BEL, DEU, DNK, ESP, FIN, FRA, GBR, GRC, IRE, ITA, LUX, NLD, PRT, SWE
EURO	EU-12	AUT, BEL, DEU, ESP, FIN, FRA, GRC, IRE, ITA, LUX, NLD, PRT
NORAM TMTUR EURMTUR EURSMTUR	OECD North-America total OECD excluding Turkey total OECD Europe excluding Turkey smaller European OECD countries excluding Turkey	USA, CAN, MEX

6.2.2. Non-OECD regions

Code of region	Description	
AFM	Africa and Middle-East	Middle-East: Bahrain, Cyprus, Iran, Iraq, Jordan, Kuwait, Lebanon, Oman, Neutral zone, Qatar, Saudi Arabia, Syrian, the United Arab Emirates, Yemen
LAT	Latin America	Central and South America
SEE	Central and Eastern Europe and countries which were part of the Soviet Union	Albania, Belarus, Bosnia Herzg, Bulgaria, Croatia, Estonia, Latvia, Lithuania; Moldova, Romania, Russian Federation, Slovenia, TFYR Macedonia, Ukraine, Yugoslavia and Asian countries which were part of the Soviet Union (Azerbaijan, Armenia, Georgia, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan)
ANC	Dynamic Asia	Dynamic Asia (Chinese Taipei, Hong Kong China, Indonesia, Malaysia, Philippines, Singapore and Thailand)
CHN	China	excluding Hong Kong China
ASO	Other Asia	including non-OECD Oceania, excluding Asian countries who were part of the Soviet Union
NOECD	Non-OECD area	AFM, ANC, ASO, CHN, LAT, SEE
WLD	total world	OECD, NOECD

7. REGIONAL AGGREGATES

Series for OECD regions are available for the most important variables, mostly in index-form. These series are adjusted for ruptures in the underlying country series. The two most important ruptures are:

- German (non-trade) series up to and including 1990 contain data for western Germany only. From 1992, they contain data for total Germany. But 1991 data are available for western Germany. Regional aggregates are based on western Germany up to and including 1991 and on total Germany thereafter.
- The Czech Republic, Hungary, Poland and Slovakia are not included in the regional aggregates before 1994 due to data problems.
- Employment and population data also have discontinuations due to starting dates.

For all aggregates except for trade and the Euro area one, GDP in 1995 in purchasing power parity is used to weight the country series. For volume and price series, regional growth rates are calculated first and index series are on the basis of these growth rates. Aggregate value series are based on the corresponding volume and price index series. For ratio series (series as a percentage of GDP), the levels are calculated directly.

A different aggregation method is used for the Euro area as the PPP method is no longer suitable with the common currency in place in 1999. Moreover, for the Euro area, more aggregates and aggregates also in non-index form are needed. A separate document is available on the Euro area aggregates (“A complete and consistent macro-economic data set of the Euro area, methodological issues and results”; <http://www.oecd.org/pdf/M00017000/M00017861.pdf>)

Formulae for all aggregates except trade and the Euro area:

$$\omega_i = GDP_{1995,i} / PPP_{1995,i} \tag{7.1}$$

$$\dot{X}_{t,j} = \frac{\sum_{i \in j} \omega_i \dot{X}_{t,i}}{\sum_{i \in j} \omega_i} \tag{7.2}$$

$$\dot{X}_{t,n} = (X_{t,n} / X_{t-1,n} - 1) * 100 \quad n=i,j \tag{7.3}$$

$$Y_{t,j} = \sum_{i \subset j} \omega_i Y_{t,i} / \sum_{i \subset j} \omega_i \quad (7.4)$$

where: X volume and price series

Y ratio series

i country

j region

t period (year or semester)

Formulae for trade aggregates:

$$VOL_{j,t} = \sum_{i \subset j} VOL_{i,t} / EXCHUD_{i,overallbaseyear} \quad (7.5)$$

$$PRI_{j,t} = \exp \left[\left(\sum_{i \subset j} (VOL_{i,overallbaseyear} / EXCHUD_{i,overallbaseyear}) * \ln(PRI_{i,t}) \right) \right]_{i,overallbaseyear} \quad (7.6)$$

$$VALD_{j,t} = \sum_{i \subset j} VAL_{i,t} / EXCHUD_{i,t} \quad (7.7)$$

$$XxVMKT_{j,t} = \sum_{i \subset j} XxVMKT_{i,t}, \quad x = N, M, G, S \quad (7.8)$$

$$XxPERF_{j,t} = \sum_{i \subset j} (XxV_{i,t} / EXCHUD_{i,overallbaseyear}) / \sum_{i \subset j} XxVMKT_{i,t}, \quad x = N, M, S \quad (7.9)$$

$$XGPERF_{j,t} = \sum_{i \subset j} [(XNV_{i,t} + XMV_{i,t}) / EXCHUD_{i,overallbaseyear}] / \sum_{i \subset j} XGVMKT_{i,t} \quad (7.10) \quad F$$

VOL : Trade volume series (XGVC, XMV, XNV, XSRV, MGVC...)

PRI : Trade prices series (PXG, PXGD, PXM, PXMD...)

VAL (respectively VALD): Trade values series in local currency (in US\$): XGC, XM, XN, MGC...(XGCD, XMD...) and Balance-of-payments series, including balances: XGB, MGB, TB....

Category of variables	Variables available for OECD regions ¹⁰
Trade volumes	XGVC, MGVC, XNV, MNV, XMV, MMV, XSRV, MSRV
Trade prices	PXG , PMG , PXM, PMM, PXN, PMN, PXGD, PMGD, PXMD, PMMD, PXND, PMND
Trade values	XSRD, XSBD, XGBD, XGD, XND, XMD, MSIID, MSRD, MSBD, MGBD, MGD, MND, MMD, BSIID, BSRD, BSD, TBD, NTTROD, OFTD, SPTD, INVBD, CBD, BGS
Export market	XMVMKT, XNVMKT, XGVMKT, XSVMKT, XMPERF, XNPERF, XGPERF
Current account as percentage of GDP	CBGDPR
Expenditures, volumes ¹¹	CPV, CGV, ITV, IBV, IHV, FDDV, TDDV, XGSV, MGSV, GDPV
Expenditures, prices ¹²	PCP, PCG, PIT, PIB, PIH, PFDD, PTDD, PXGS, PMGS, PGDP
Expenditures, values	CP, CG, IT, IB, IH, FDD, TDD, XGS, MGS, GDP
Employment and unemployment	ET, LF, UN, UNR, POPT
Wage rates and related variables	WSSE, ULC, ULCB, PDTY, PROD
Government outlays and revenues ¹³	YPGTQ, YRGQ, GNINTQ
Government balances ¹⁴	NLGQ, NLGQA, NLGXQ, NLGXQA
Government liabilities ¹⁵	GGFLQ, GNFLQ, GGFLMQ
Output gap ¹⁶	GAP

ELECTRONIC DATA PRODUCTS BASED ON THE OUTLOOK DATABASE

8.1. Electronic Data products related to the Economic Outlook

8.1.1. Economic Outlook CD ROM (EO)

The CD ROM contains yearly and half-yearly series for the historical period and for the projection period.

¹⁰ More series available for the euro area. See pages 36-41 of the euro area data document on <http://www.oecd.org/pdf/M00017000/M00017861.pdf>.

¹¹ Not included in regional averages of IBV and IHV: Czech Republic, Hungary, Poland; Luxembourg, Portugal, Turkey

¹² Not included in regional averages of PIB and PIH: Czech Republic, Hungary, Poland; Luxembourg, Portugal, Turkey

¹³ Not included in regional averages: Czech Republic, Hungary, Poland; Korea, Luxembourg, Mexico, Switzerland, Turkey

¹⁴ See footnote 16 (But Czech Republic, Hungary, and Poland included for NLGQ).

¹⁵ See footnote 16

¹⁶ Not included in regional averages: Czech Republic, Hungary, Korea, Luxembourg, Mexico, Poland, Turkey

Series available for OECD countries

Variables:									
CAPOG	EUFW	GNINTP	LFPR	NTTOD	POP	SSRG	VLCTY	XNV	YRGX
CBD	EXCH	GNINTQ	LFPRS	OFTD	POPT	SSRGA	WAGE	XNVMKT	YRH
CBGDPR	EXCHEB	HRS	LFS	OILCON	PPP	TBD	WPHAMD	XSIID	ZCS001
CFKG	EXCHUD	HRST	MGBD	OILMNT	PROD	TDDV	WPHD	XSRD	ZCS002
CG	FBGSV	IBV	MGSV	OILSTO	PTDD	TIND	WPHFBD	XSRV	ZCS003
CGAA	FDDV	IENTG	MGVB	OILSUP	PXG	TINDA	WPHFD	YDH	ZCS004
CGNW	GAP	IFU3	MGVC	OILXNT	PXGD	TRPG	WPHMMD	YDRH	ZCS005
CGV	GDP	IG	MMV	PCG	PXGS	TRPH	WPHTBD	YOTH	ZCS006
CGW	GDPBV	IGAA	MNV	PCGW	PXM	TRRG	WPOIL	YPEPG	ZCS007
CLFS	GDPCSA	IGG	MONEYS	PCP	PXMD	TRRH	WR	YPEPGX	ZCS008
CPAA	GDPTR	IGV	MSIID	PDTY	PXMDR	TRSSH	WSRE	YPERG	ZCS009
CPI	GDPV	IHV	MSRD	PGDP	PXN	TSUB	WSSE	YPERGX	ZCS010
CPIDR	GDPVD	INTDBT	MSRV	PIB	PXND	TY	WSSS	YPG	ZCS011
CPIH	GDPVTR	INVBD	NAIRU	PIG	PXS	TYB	XGBD	YPGA	ZCS012
CPV	GFAR	IPV	NITV	PIT	RESTG	TYBA	XGPERF	YPGQA	ZCS013
ECSA	GGFL	IRL	NLG	PMG	RLC	TYH	XGSV	YPGT	ZCS014
EE	GGFLM	IRS	NLGA	PMGD	SAVG	TYHA	XGVB	YPGTQ	ZCS016
EG	GGFLMQ	ISKV	NLGQ	PMGS	SAVH	ULC	XGVC	YPGX	ZCS017
EQPF	GGFLQ	ITV	NLGQA	PMM	SDGDPV	ULCB	XGVMKT	YPGXA	ZCS018
ES	GGINTP	KBV	NLGX	PMMD	SPTD	ULCM	XMPERF	YRG	ZCS019
ET	GGINTR	KTRMOB	NLGXA	PMN	SRATIO	ULCMDR	XMV	YRGA	ZCS020
ETB	GNFL	KTRRG	NLGXQ	PMND	SSPG	UN	XMVMKT	YRGQ	
ETNIA	GNFLQ	LF	NLGXQA	PMS	SSPGA	UNR	XNPERF	YRGQA	

Series available for non-OECD regions¹⁷

Variables:					
CBD	MSRD	PMGD	PXN	WPHTBD	XNPERF
EXCH	MSRV	PMM	PXND	WPOIL	XNV
EXCHUD	NTTOD	PMMD	PXS	XGBD	XNVMKT
INVBD	OFTD	PMN	SPTD	XGPERF	XSIID
MGBD	OILCON	PMND	TBD	XGVB	XSRD
MGVB	OILMNT	PMS	WPHAMD	XGVC	XSRV
MGVC	OILSTO	PXG	WPHD	XGVMKT	XSRV
MMV	OILSUP	PXGD	WPHFBD	XMPERF	
MNV	OILXNT	PXM	WPHFD	XMV	
MSIID	PMG	PXMD	WPHMMD	XMVMKT	

Series available on the flash file¹⁸

Variables							
GDPV	CPV	CGV	ITV	FDDV	TDDV	XGSV	MGSV
PGDP	PCP	WSSE	UNR	ET	NLGQ	CBGDPR	IRS

¹⁷ The CDROM contains also information on commodity prices and on oil demand and supply for OECD regions.

¹⁸ The flash file is made available on the INTERNET at the moment of release of the Preliminary Edition of the Economic Outlook. The file is only available for subscribers to the Economic Outlook diskette.

8.1.2. International Trade and Competitiveness indicators (ITCI)

The CD-ROM contains quarterly series for the historical period.

Variables:									
CPIDR	MGC	MN	PMF	PMND	PXM	ULCM	XGC	XMD	XNPERF
EXCHUD	MGCD	MND	PMG	PMR	PXMD	ULCMDR	XGCD	XMPERF	XNV
ME	MGVC	MNV	PMGD	PXE	PXMDR	XE	XGPERF	XMV	XNVMKT
MEV	MM	MR	PMM	PXF	PXN	XEV	XGVC	XMVMKT	XR
MF	MMD	MRV	PMMD	PXG	PXND	XF	XGVMKT	XN	XRV
MFV	MMV	PME	PMN	PXGD	PXR	XFV	XM	XND	