

Data sources for OECD Input-Output Database 2015 ed.

1. Main data sources

Many national and international statistical data sources are used to generate harmonised Input-Output tables for the target economies and target periods.

Benchmarks

National Accounts (SNA 1993 format) statistics : OECD, UNSD (multiple vintages)
Output and value added by industry, GDP, Exports and imports in goods and services, direct purchases by non-residents

Balance of Payments (BPM5 format): IMF, Eurostat
Structural business statistics (industry survey or census results): UNIDO INDSTAT, OECD SBS

Additional National Accounts components

Household consumption by expenditures type (COICOP): OECD, UNSD
Tourism Satellite Accounts

Inter-industry flows

Supply tables
Use tables
Symmetric Input-Output tables
Import tables (re-imports and re-exports)

Bilateral trade partner shares

Merchandise trade statistics (Customs) e.g. UN Comtrade
Merchandise goods trade by end-use category (OECD BTDIXE)
Trade in services (EBOPS classification): UNSD, OECD and Eurostat

Other

Electricity trade and energy balance: IEA
Sectoral value-added and output deflators

Concordance tables

Merchandise Trade in goods: Harmonised System (HS) to End-use categories and, to ISIC Rev.3 (and Rev.4) industries; www.oecd.org/sti/ind/BTDIXE_FromHS_toISIC_andEUC_ed2014.xlsx
Trade in Services: EBOPS to ISIC Rev. 3;
Table 3 in www.oecd.org/sti/ind/tiva/TIVA_2015_Estimating_BilatTrade_Services.pdf

For more information, please contact sti.contact@oecd.org

2. Methodological references

Harmonized national I-O tables

Yamano, Norihiko and Nadim Ahmad, 2006. "The OECD Input-Output Database 2006 edition". OECD Science, Technology and Industry Working Papers
http://www.oecd-ilibrary.org/science-and-technology/the-oecd-input-output-database_308077407044

Sectoral trade flows in inter-country Input-Output framework

Ahmad, Nadim, Norihiko Yamano, and Zhi Wang. 2013. "A Three Stage Reconciliation Method to Construct Time Series International Input-output Database." In Trade in Value Added: Developing New Measures of Cross-Border Trade by Aaditya Mattoo, Zhi Wang, and Shang-Jin Wei, eds. London: Centre for Economic Policy Research; and Washington, DC: World Bank: <http://documents.worldbank.org/curated/en/2013/01/18821638/trade-value-added-developing-new-measures-cross-border-trade>

Note

IMF: International Monetary Fund

OECD: Organisation for Economic Co-operation and Development

UNSD: United Nations Statistics Division

UNIDO: United Nations Industrial Development Organisation

Figure 1: Symmetric industry-by-industry Io table at basic price

	Intermediate demand			Final expenditure			Output (<i>bp</i>)	
	Sector 1	...	Sector 34	Domestic demand	Cross-border exports	Direct purchases		
Sector 1 (domestic)						Expenditure by non-residents		
...								
Sector 34 (domestic)								
Sector 1 (imports, <i>bp</i>)	Imports of intermediate products			Imports of final products	Re-imports and Re-exports	Direct purchases by residents		
...								
Sector 34 (imports, <i>bp</i>)								
Taxes less subsidies on intermediate and final products								
Total intermediate / final expenditure (<i>pu</i>)								
Value added (<i>bp</i>)								
of which, Labour compensation								
of which, other value added								
Output (<i>bp</i>)								

(*pu*): purchasers' prices

(*bp*): basic price

Imports are valued at basic prices of the country of origin, i.e. the domestic and international distribution included in goods imports in c.i.f purchasers' prices are re-allocated to transport, trade and insurance sectors of foreign and domestic industries.

Table 1: Geographical coverage

OECD				Non-OECD			
AUS	Australia	JPN	Japan	ARG	Argentina	MLT	Malta
AUT	Austria	KOR	Korea	BRA	Brazil	PHL	Philippines
BEL	Belgium	LUX	Luxembourg	BRN	Brunei Darussalam	ROW	Rest of the world
CAN	Canada	MEX	Mexico	BGR	Bulgaria	ROU	Romania
CHL	Chile	NLD	Netherlands	KHM	Cambodia	RUS	Russia
CZE	Czech Republic	NZL	New Zealand	CHN	China (People's Republic of)	SAU	Saudi Arabia
DNK	Denmark	NOR	Norway	TWN	Chinese Taipei	SGP	Singapore
EST	Estonia	POL	Poland	COL	Colombia	ZAF	South Africa
FIN	Finland	PRT	Portugal	CRI	Costa Rica	THA	Thailand
FRA	France	SVK	Slovak Republic	HRV	Croatia	TUN	Tunisia
DEU	Germany	SVN	Slovenia	CYP	Cyprus	VNM	Viet Nam
GRC	Greece	ESP	Spain	HKG	Hong Kong, China		
HUN	Hungary	SWE	Sweden	IND	India		
ISL	Iceland	CHE	Switzerland	IDN	Indonesia		
IRL	Ireland	TUR	Turkey	LVA	Latvia		
ISR	Israel	GBR	United Kingdom	LTU	Lithuania		
ITA	Italy	USA	United States	MYS	Malaysia		

Table 2: Industry breakdown for the 2015 OECD I-O Database

ICIO 34 industry list	ISIC Rev.3	ICIO 34 industry list	ISIC Rev.3
1 Agriculture, hunting, forestry and fishing	01, 02, 05	18 Manufacturing n.e.c; recycling	36, 37
2 Mining and quarrying	10,11,12,13,14	19 Electricity, gas and water supply	40, 41
3 Food products, beverages and tobacco	15, 16	20 Construction	45
4 Textiles, textile products, leather and footwear	17, 18, 19	21 Wholesale and retail trade; repairs	50, 51, 52
5 Wood and products of wood and cork	20	22 Hotels and restaurants	55
6 Pulp, paper, paper products, printing and publishing	21, 22	23 Transport and storage	60,61,62,63
7 Coke, refined petroleum products and nuclear fuel	23	24 Post and telecommunications	64
8 Chemicals and chemical products	24	25 Finance and insurance	65, 66, 67
9 Rubber and plastics products	25	26 Real estate activities	70
10 Other non-metallic mineral products	26	27 Renting of machinery and equipment	71
11 Basic metals	27	28 Computer and related activities	72
12 Fabricated metal products except machinery and equipment	28	29 Research and development; Other business activities	73, 74
13 Machinery and equipment n.e.c	29	30 Public admin. and defence; Compulsory social security	75
14 Computer, electronic and optical products	30, 32, 33	31 Education	80
15 Electrical machinery and apparatus n.e.c	31	32 Health and social work	85
16 Motor vehicles, trailers and semi-trailers	34	33 Other community, social and personal services	90,91,92,93
17 Other transport equipment	35	34 Private households with employed persons	95

<http://unstats.un.org/unsd/cr/registry/regcst.asp?Cl=2>

Table 3: National Accounts components availability

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
AUS	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN
AUT	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	D
BEL	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
CAN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
CHL	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND
CZE	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
DNK	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
EST	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
FIN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
FRA	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
DEU	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
GRC	S	S	S	S	S	A	A	A	A	A	A	A	A	A	A	A	A
HUN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ISL	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
IRL	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ISR	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ITA	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
JPN	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
KOR	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
LUX	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
MEX	S	S	S	S	S	S	S	S	S	A	A	A	A	A	A	A	A
NLD	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
NZL	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
NOR	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
POL	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
PRT	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
SVK	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
SVN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ESP	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
SWE	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
CHE	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	D
TUR	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN
GBR	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
USA	S	S	S	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ARG	SND	SND	SD	SD	SND	SND	SND	SD	SND	SND	SND	SND	SND	SND	SND	SND	SND
BGR	SD	SD	S	A	A	A	A	A	A	A	A	A	A	A	A	A	SD
BRA	SD	SD	SD	SD	SD	A	A	A	A	A	A	A	A	A	A	A	SD
BRN		TD	TD	SD	SD	TD	A	SD	A	SD	SD	SD	TD	TD	A	TD	TD
CHN	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND
COL	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
CRI	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CYP	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
HKG	S	S	S	S	S	S	S	S	S	S	S	SN	SN	SN	SN	SN	SN
HRV	D	D	D	D	A	A	A	A	A	A	A	A	A	D	D	D	D
IDN	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND
IND	T	T	T	T	T	TN	SN	SN	SN	SN	N	N	N	N	SN	SN	SN
KHM	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
LTU	S	S	S	S	S	S	S	S	A	A	A	A	A	A	A	S	S
LVA	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
MLT	SND	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN
MYS	SD	SD	SD	SD	SD	S	S	S	S	S	S	S	S	S	S	S	SN
PHL	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND	SND
ROU	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RUS	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
SAU	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN
SGP	T	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
THA	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN
TUN	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TWN	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VNM	D	SD	SD	SD	SD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ZAF	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D

A Required variables are available
S Subsidies on products are merged with taxes on products
T Both taxes and subsidies on products are NOT available
N Separate figures for NPISH is NOT available
D Direct purchases of non-residents expenditure is not available
V Sectoral value-added (more than 6 sectors)
X Sectoral Output (more than 6 sectors)

Table 4: Supply and Use tables availability

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
AUS	..	..	..	..	..	..	ps	..	..	pm	pm	pm	pm	pm	pm	..	..
AUT	p	..	p	..	p	p	p	p	p	p	p	p	p	p	p	p	..
BEL	p	..	p	..	p	p	p	p	p	p	p	p	p	p	p	p	..
CAN	..	..	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p
CHL	..	ps	..	..	..	..	..	..	ps	..	..	..	..	p	p	p	..
CZE	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	..
DNK	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	..
EST	..	..	p	..	..	p	p	p	p	p	p	p	p	p	p	p	..
FIN	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	..
FRA	p	..	p	..	p	p	p	p	p	p	p	p	p	p	p	p	..
DEU	p	..	p	..	p	p	p	p	p	p	p	p	p	p	p	p	..
GRC	..	..	..	..	..	p	p	p	p	p	p	p	p	p	p	p	p
HUN	..	..	..	p	p	p	p	p	p	p	p	p	p	p	p	p	..
ISL	..	..	..	..	..	..	..	..	ps	..	..	..	..	..	..	..	..
IRL	..	..	..	ps	..	ps	p	p	p	p	p	p	p	p	p	p	..
ISR	p	..	..	..	..	..	..	..	..	ps	..	pb	..	..	..	..	..
ITA	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	..
JPN	r	..	..	..	..	r	..	..	..	..	r	..	..	..	..	..	..
KOR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	bs	bs
LUX	ps	ps	ps	ps	ps	ps	ps	ps	ps	ps	ps	ps	ps	ps	ps	ps	ps
MEX	..	..	..	..	..	..	..	..	ps	..	..	..	..	ps	..	..	..
NLD	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	..
NZL	..	..	..	..	..	..	..	..	..	..	..	..	ps	..	..	..	..
NOR	..	..	..	..	..	p	ps	ps	ps	ps	ps	ps	ps	..	ps	ps	ps
POL	..	..	..	..	..	p	p	p	p	p	p	p	p	p	p	p	..
PRT	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	..
SVK	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	..
SVN	..	p	..	..	..	p	p	p	p	p	p	p	p	p	p	p	..
ESP	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	..
SWE	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	..
CHE	..	..	..	..	..	..	ps	..	..	..	p	..	..	ps	..	..	..
TUR	..	p	..	p	..	..	..	p	..	..	..	..	..	..	..	..	..
GBR	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
USA	r	..	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r
ARG	..	..	p	..	..	..	..	..	..	p	..	..	..	..	..	..	..
BGR	..	..	..	..	..	p	p	p	p	p	p	..	..	p	p	p	..
BRA	ps	ps	ps	ps	ps	ps	ps	ps	ps	ps	ps	ps	ps	..	..	..	..
BRN	..	..	..	..	..	..	..	..	..	ps	..	..	..	..	..	..	..
CHN	..	..	ps	..	..	..	..	ps	..	..	..	..	ps	..	..	..	..
COL	p	p	p	p	p	p	p	p	p	p	p	..	..	..	..	..	..
CRI	..	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p
CYP	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	..
HKG	..	..	..	..	..	..	..	..	..	..	r	..	..	..	..	..	..
HRV	..	..	..	..	..	..	..	..	..	p	p	..	..	..	..	..	..
IDN	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
IND	..	..	..	ps	..	..	..	..	p	..	..	p	p	..	..	..	..
KHM	..	..	..	..	..	..	..	..	..	..	ps	..	..	..	..	..	..
LTU	..	..	..	..	..	ps	ps	ps	ps	ps	ps	ps	ps	ps	ps	ps	..
LVA	..	p	..	p	..	..	..	..	..	p	..	..	p	p	p	p	..
MLT	..	..	..	..	..	p	p	..	..	p	..	..	..	p	..	..	..
MYS	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	pm	..
PHL	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ROU	..	..	..	..	..	p	..	..	p	p	p	p	p	p	p	p	..
RUS	ps	..	..	ps	ps	ps	ps	..	ps	ps	..	ps	..	..	..	..	..
SAU	..	..	..	..	..	..	..	..	pm	pm	pm	pm	pm	..	..	..	..
SGP	..	..	..	..	..	..	..	..	..	pm	..	pm	..	..	..	pm	..
THA	r	..	..	rm	..	r	..	..	..	..	r	..	..	..	..	..	..
TUN	..	..	..	..	..	..	..	..	..	..	..	..	..	..	p	p	..
TWN	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
VNM	..	..	..	..	..	..	..	..	..	..	..	..	ps	..	..	..	..
ZAF	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

p use table at purchasers' prices
 b use table at basic price
 r use table at producers' prices
 .. not available
 s insufficient sectoral detail or confidential entries for IND34 list
 m import table is available

Table 4: Symmetric Input-Output Tables availability

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
AUS	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
AUT	bm	..	..	..	..	bm	..	..	..	..	bm	..	..	bm	bm	bm	..
BEL	bm	..	..	..	..	bm	..	..	..	..	bm	..	..	..	..	bm	..
CAN	b	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
CHL	..	..	..	..	..	..	..	..	..	..	..	..	..	bm	bm	bm	b
CZE	bm	..	..	..	..	b	..	..	..	..	bm	..	b	..	bm	bm	..
DNK	bm	..	..	..	..	bm	bm	bm	bm	bm	bm	bm	bm	..	..	..	..
EST	..	..	bm	..	..	bm	..	..	..	..	bm	..	..	..	..	bm	..
FIN	bm	bm	bm	bm	bm	bm	bm	bm	bm	bm	bm	bm	bm	bm	bm	bm	bm
FRA	bm	..	bm	..	bm	bm	bm	bm	bm	bm	bm	bm	bm	bm	bm	bm	..
DEU	bm	..	..	..	..	bm	bm	bm	bm	bm	bm	bm	bm	bm	bm	bm	..
GRC	b	..	..	..	b	bm	..	..	..	..	bm	..	..	b	b	bm	..
HUN	..	..	..	bm	..	bm	..	..	..	..	bm	..	..	b	..	bm	..
ISL	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
IRL	..	..	..	bm	..	bm	..	..	..	..	bm	..	..	..	..	bm	..
ISR	bm	..	..	..	..	..	..	..	..	..	..	bm	..	..	..	..	..
ITA	bm	..	..	..	..	bm	..	..	..	..	bm	..	..	..	..	bm	..
JPN	rm	r	r	r	r	rm	r	r	r	r	rm	r	r	r	r	r	r
KOR	r	..	..	r	..	r	..	..	b	..	rm	r	..	bm	bm	rm	rm
LUX	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	..	..
MEX	..	..	..	..	..	..	..	..	b	..	..	..	..	b	..	..	..
NLD	bm	bm	bm	bm	bm	bm	bm	bm	..	bm	bm	bm	bm	bm	bm	bm	..
NZL	r	..	..	..	..	..	..	r	..	..	..	..	..	..	..	..	..
NOR	b	..	..	..	..	bm	bm	bm	bm	bm	bm	bm	bm	..	bm	bm	bm
POL	b	..	..	..	..	bm	..	..	..	..	bm	..	..	..	..	..	..
PRT	b	..	..	..	bm	..	..	..	..	..	bm	..	..	bm	..	..	..
SVK	..	..	..	..	..	bm	..	..	..	..	bm	..	..	..	..	bm	..
SVN	..	bm	..	..	..	bm	bm	..	..	..	bm	..	..	..	bm	bm	..
ESP	bm	..	..	..	..	bm	..	..	..	..	bm	..	..	..	..	..	..
SWE	bm	..	..	..	..	bm	..	..	..	..	bm	..	..	..	..	bm	..
CHE	..	..	..	..	..	..	b	..	..	..	b	..	..	b	..	..	..
TUR	..	..	..	b	..	..	..	b	..	..	..	..	..	..	..	..	..
GBR	bm	..	..	..	..	..	..	..	..	..	bm	..	..	..	..	bm	..
USA	..	..	rm	..	..	..	..	rm	..	..	..	..	rm	..	..	..	..
ARG	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
BGR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	b	..
BRA	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
BRN	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
CHN	r	..	r	..	..	r	..	r	..	..	r	..	r	..	..	r	..
COL	..	..	..	..	..	..	..	..	..	..	b	..	..	..	..	b	..
CRI	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
CYP	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
HKG	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
HRV	..	..	..	..	..	..	..	..	..	bm	..	..	..	..	..	..	..
IDN	b	..	..	..	..	b	..	..	..	..	b	..	..	..	..	..	..
IND	..	..	..	b	..	..	..	..	..	..	..	..	b	..	..	..	..
KHM	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
LTU	..	..	..	..	..	bm	..	..	..	..	bm	..	..	..	..	bm	..
LVA	..	bm	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MLT	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MYS	r	..	..	..	..	b	..	..	..	..	..	..	..	..	..	..	..
PHL	b	..	..	..	..	r	..	..	..	..	b	..	..	..	..	..	..
ROU	..	..	..	..	..	b	..	..	b	b	b	b	..	b	..	b	..
RUS	r	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
SAU	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
SGP	b	..	..	..	..	b	..	..	..	..	bm	..	..	..	..	..	..
THA	rm	..	..	..	..	rm	..	..	..	..	rm	..	..	..	..	..	..
TUN	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
TWN	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
VNM	..	..	..	..	..	r	..	..	..	..	..	..	..	..	..	..	..
ZAF	..	..	..	b	..	b	..	b	..	..	b	..	..	..	b	b	b

b IO table at basic price
 r IO table at producers' prices
 m import table is available
 s insufficient sectoral detail or confidential entries for IND34 list
 .. not available