



Highlights of developments and improvements to Principal Global Indicators since May 2011

René Piché
Deputy Chief
Statistical Information Management Division
Statistics Department (IMF)

Global Conference on the G-20 Data Gaps Initiative (DGI)

(Washington, DC, June 25–26, 2013)

The views expressed herein are those of the author and should not be attributed to the IMF, its Executive Board, or its management.

Outline

- Recommendation #20:Communicating official statistics
- What's in PGI
- What's new since 2011

Communicating official statistics

Recommendation 20:

Communication of Official Statistics

The G-20 economies to support enhancement of the Principal Global Indicators (PGI) website and close the gaps in the availability of their national data. The Inter-Agency Group on Economic and Financial Statistics (IAG) should consider making longer runs of historical data available.

Lead agency: IMF

PGI Overview

- Website launched in 2009, hosted by the IMF
- Joint undertaking of the Inter-Agency Group on Economic and Financial Statistics
- Major economic indicators available at participating international agencies
- Internationally comparable data for the G-20 economies, and 10 further economies identified as having systemically important financial sectors
- Facilitate the monitoring of economic and financial developments

What's in PGI? (1 of 4)

 Cross-country data for the G-20 and ten non-G20 economies with systemically important financial sectors for more than 40 concepts

Principal Global Indicators Data Map	per	Additional Data S	ources		Sector	al Tra	insad	tions and	d Balance	e Sheets										
Table Selection	À	0																		
Cross-country Concepts	9	2	Con	sur	ner	Pric	es				•									
		Unit Of Measure												Monthly						
■ Gross domestic product (GDP)		requency	2008			2044	2042	2042.04		•	2042.04	2042	2042.0				2042 1	20		
Consumer prices		Time	2000	2009	2010	2011	2012	2012 01	2012 02	2012 023	2012 04	Aug	2012 Sep	2012 001	Nov	2012 Dec	2013 Jan	Fe		
Producer prices		Country and Group																		
Unemployment rate			Argentina	8.6	6.3	10.8	9.5	10.0	9.7	9.9	10.0	10.6	9.9	10.0	10.2	10.6	10.8	11.1	10	
Industrial production		Australia	4.4	1.8	2.8	3.4	10.0	1.6	1.2			0.0		10.2	10.0		11.1	- 10		
Retail turnover							2.5		2.2			2.0			2.8		0.7	2		
Goods: exports f.o.b.		Austria	3.2	0.5	1.8	3.3	2.5	2.6			2.8	2.2	2.7	2.8		2.8	2.7			
Goods: imports c.i.f.		Belgium	4.5	-0.1	2.2	3.5	2.8	3.6	2.7	2.6	2.4	2.9	2.8	2.8	2.3	2.2	1.5			
Current account		Brazil	5.7	4.9	5.0	6.6	5.4	5.8	5.0	5.2	5.6	5.2	5.3	5.4	5.5	5.8	6.2	6		
■ International investment position	Ε	Canada	2.4	0.3	1.8	2.9	1.5	2.3	1.6	1.2	0.9	1.2	1.2	1.2	0.8	0.8	0.5			
(IIP) - net		China, P.R.: Mainland	5.9	-0.7	3.3	5.4	2.7	3.8	2.9	1.9	2.1	2.0	1.9	1.7	2.0	2.5	2.0	3		
■ Portfolio Investment		China, P.R.: Hong Kong	4.3	0.6	2.3	5.3	4.1	5.3	4.1	3.0	3.8	3.8	3.8	3.8	3.8	3.8	3.0			
External debt		Euro Area	3.3	0.3	1.6	2.7	2.5	2.7	2.5	2.5	2.3	2.6	2.6	2.5	2.2	2.2	2.0	1		
Short-term external debt			France	2.8	0.1	1.5	2.1	2.0	2.3	2.0	2.0	1.5	2.1	1.9	1.9	1.4	1.3	1.2	1	
Gross official reserves				Germany	2.6	0.3	1.1	2.1	2.0	2.1	1.9	2.0	2.0	2.2	2.0	2.0	1.9	2.0	1.7	1
■ Domestic credit (consolidated balance sheet of the banking sector)		India	8.4	10.9	12.0	8.9	9.3	7.2		9.8	10.1	10.3	9.1	9.6	9.5	11.2	11.6			
Government finance statistics for		Indonesia	9.8	4.8	5.1	5.4	4.3	3.7	4.5	4.5	4.4	4.6	4.3	4.6	4.3	4.3	4.6	5		
general government			Ireland	4.1	-4.5	-0.9	2.6	1.7	2.2	1.8	1.7	1.1	2.0	1.6	1.2	0.8	1.2	1.2	1	
Short-term interest rate Long-term interest rate			Italy	3.4	0.8	1.5	2.7	3.0	3.3	3.3	3.2	2.5	3.2	3.2	2.6	2.5	2.3	2.2	1	
Share prices			Japan	1.4	-1.3	-0.7	-0.3	0.0	0.3	0.2	-0.4	-0.2	-0.5	-0.3	-0.4	-0.2	-0.1	-0.3		
Consumer confidence		Korea, Republic of	4.7	2.8	3.0	4.0	2.2	3.0	2.4	1.6	1.7	1.2	2.0	2.1	1.6	1.4	1.5			
Business confidence		Luxembourg	3.4	0.4	2.3	3.4	2.7	2.9	2.6	2.7	2.6	2.6	2.9	2.9	2.5	2.3	2.1	2		
Oil price			Mexico	5.1	5.3	4.2	3.4	4.1	3.9			4.1	4.6	4.8		4.2	3.6	3.3	3	
■ Exchange rates			Netherlands	2.5	1.2	1.3	2.4	2.4	2.5	2.2		2.8	2.2	2.3	2.9	2.7	2.8	3.0	3	
		Russian Federation	14.1	11.7	6.9	8.4	5.1	3.9	3.8		6.5	5.9	6.6	6.5	6.5	6.5	7.1	7		
Concepts by Country		Saudi Arabia	9.9	5.1	5.3	5.0	4.5	5.4	5.1	3.8	3.8	3.8	3.6	3.8	3.9	3.9	4.2			
★ Argentina																				
		Singapore	6.5	0.6	2.8	5.3	4.5	4.9	5.3		4.0	3.9	4.7	4.0	3.5	4.3	3.6			
± Austria		South Africa	11.5	7.1	4.3	5.3	5.4	6.1	5.8		5.6	4.9	5.4		5.6	5.7	5.4	5		
■ Belgium		Spain	4.1	-0.3	1.8	3.2	2.4	2.0	2.0	2.8	3.1	2.7	3.4	3.5	2.9	2.9	2.7	2		
■ Brazil		Sweden	3.4	-0.5	1.2	3.0	0.9	1.8	1.1	0.6	0.1	0.7	0.4	0.4	-0.1	-0.1	0.0	-(
± Canada		Switzerland	2.4	-0.5	0.7	0.2	-0.7	-0.9	-1.0	-0.5	-0.3	-0.4	-0.4	-0.2	-0.3	-0.4	-0.3	-(
⊕ China, P.R.: Mainland		Turkey	10.4	6.3	8.6	6.5	8.9	10.5	9.4	9.0	6.8	8.9	9.2	7.8	6.4	6.2	7.3	7		
⊞ China, P.R.: Hong Kong		United Kingdom	3.6	2.2	3.3	4.5	2.8	3.5	2.7	2.4	2.7	2.5	2.2	2.6	2.6	2.7	2.7	2		
# Euro Area		% change to last year		ex 20																

What's in PGI? (2 of 4)

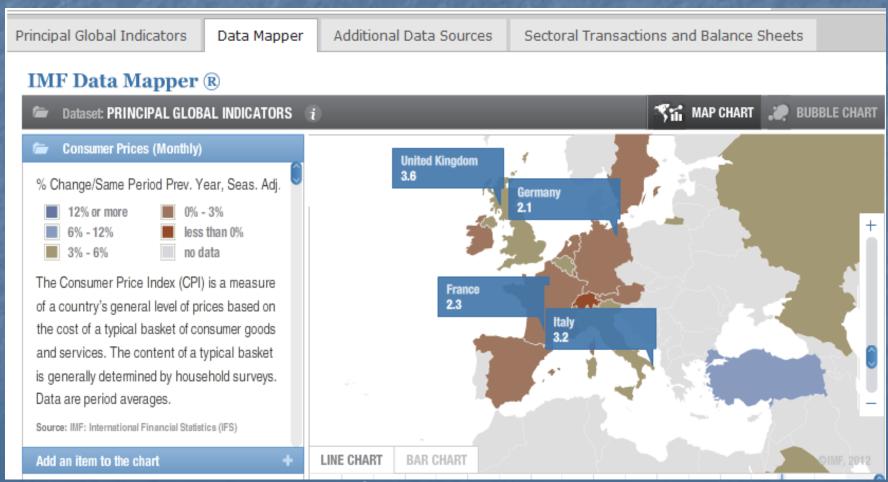
Detailed data breakdown for country-level analysis



THE RESERVE OF THE PARTY OF THE	Einar	oial (200to	r Indi	ootore	v Erov	200			•			
			secto	rınaı	cators	s: Frai	ice						
Unit Of Measure	Euros, B	s, Billions											
Frequency		Ann	ual	Quarterly							Monthly		
Time	2009	2010	2011	2012	2012 Q1	2012 Q2	2012 Q3	2012 Q4	2012 Oct	2012 Nov	2012 Dec	2013 Jan	2013 Feb
Economic Concept													
Central Bank Assets													
Total	500.9	477.5	701.7	718.3	711.9	718.4	735.6	718.3	721.9	729.4	718.3	651.2	641.7
Claims on:													
Other Depository Corporations	162.9	80.4	252.2	266.2	266.2	273.2	265.6	266.2	272.0	270.3	266.2	203.9	196.1
General Government	69.9	86.6	123.2	127.4	129.3	132.6	130.5	127.4	125.7	127.1	127.4	130.3	127.7
Other Residents	0.6	0.7	0.7	0.3	0.7	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Nonresidents	267.4	309.9	325.6	324.5	315.8	312.3	339.1	324.5	324.0	331.7	324.5	316.7	317.6
Central Bank Liabilities													
Total	500.9	477.5	701.7	718.3	711.9	718.4	735.6	718.3	721.9	729.4	718.3	651.2	641.7
Monetary Base													
Currency in Circulation	153.7	160.1	169.0	173.5	165.4	170.0	169.8	173.5	169.5	169.2	173.5	167.9	167.4
Other Depository Corporations	68.0	49.6	176.2	194.8	180.4	198.6	242.1	194.8	218.7	183.2	194.8	140.7	136.6
Other Liabilities to:													
General Government	19.0	1.5	8.9	4.9	54.6	69.8	31.4	4.9	9.2	22.7	4.9	1.4	0.9
Other Residents	1.6	0.4	0.5	17.1	0.6	0.7	0.6	17.1	3.4	13.3	17.1	19.7	18.8
Nonresidents	185.7	163.0	235.0	215.2	196.6	163.0	161.3	215.2	196.9	218.0	215.2	211.2	207.1
Shares and Other Equity	70.6	97.6	112.4	117.0	114.7	118.4	127.9	117.0	123.6	123.8	117.0	114.2	115.1
Unclassified assets and Liabilities (net)	2.2	5.3	-0.3	-4.2	-0.4	-2.0	2.6	-4.2	0.6	-0.9	-4.2	-4.1	-4.2
Other Depository Corporations: Assets													
Total	4,368.9	4,573.8	4,600.3	4,581.4	4,668.0	4,691.6	4,656.9	4,581.4	4,649.4	4,624.8	4,581.4	4,586.7	4,630.4
Claims on:													
Central Bank	61.0	46.3	173.2	194.8	174.8	198.6	242.1	194.8	218.7	183.2	194.8	140.7	136.6
Other Depository Corporations	517.4	504.0	480.3	439.7	474.6	482.0	450.9	439.7	449.1	447.4	439.7	451.6	467.7
General Government	564.3	544.7	413.4	475.6	433.0	459.9	465.2	475.6	474.6	486.1	475.6	482.9	492.2
Other Residents	2,377.9	2,515.9	2,557.7	2,580.0	2,597.3	2,598.6	2,583.6	2,580.0	2,575.5	2,574.8	2,580.0	2,582.0	2,580.1
Nonresidents	848.2	963.0	975.7	891.2	988.2	952.4	915.2	891.2	931.5	933.2	891.2	929.5	953.7

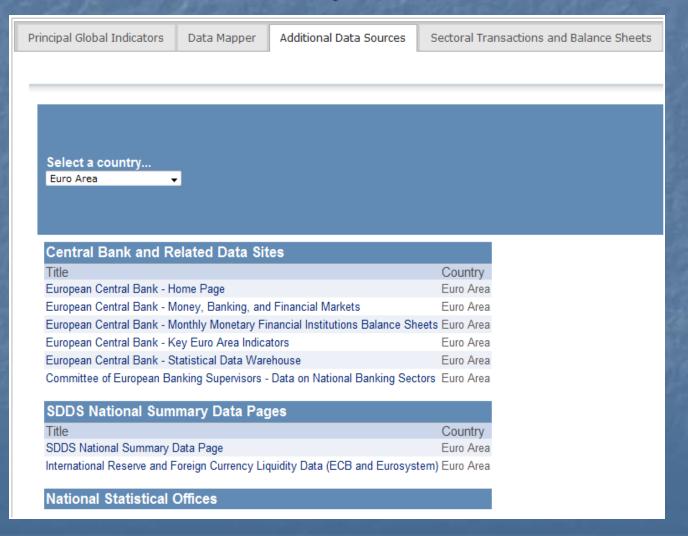
What's in PGI? (3 of 4)

 Data Mapper tool to enhance analysis through visualization (using geographical maps and graphs) for country-level and cross-country analysis



What's in PGI? (4 of 4)

Links to additional data sources (such as links to SDDS National Summary Data Page, central banks and national statistical offices websites).



Countries in PGI

G-20 economies:

Argentina Euro Area Italy South Africa

Australia France Japan South Korea

Brazil Germany Mexico Turkey

Canada India Russia United Kingdom

China, P.R.: Mainland Indonesia Saudi Arabia United States

Additional non G-20 economies with systemically important financial sectors:

Austria Netherlands

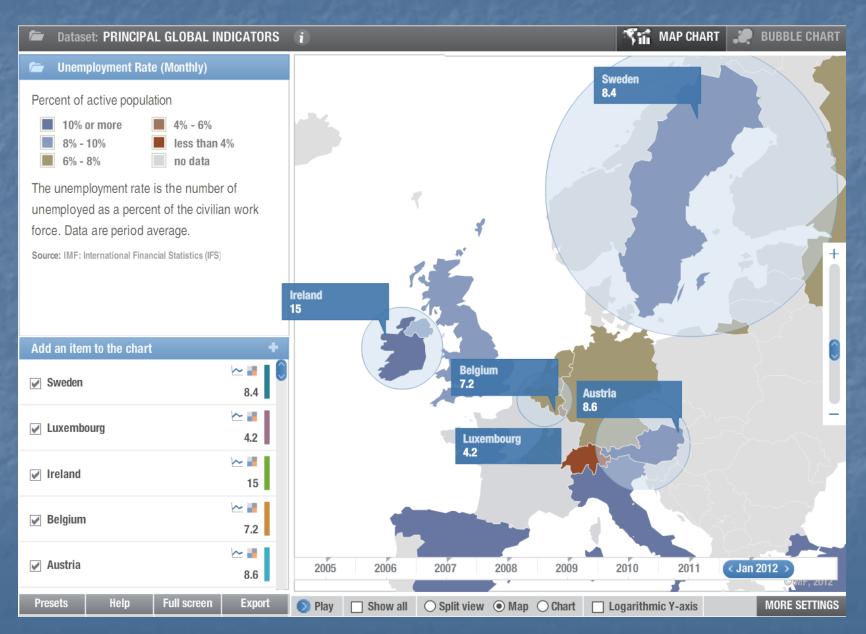
Belgium Spain

China, P.R.: Hong Kong Singapore

Ireland Sweden

Luxembourg Switzerland

Addition of five new countries to PGI



Introduction of Sectoral Accounts data

Principal Global Indicators Product of the Inter-Agency Group on Economic & Financial Statistics



New on PGI

Principal Global Indicators

Data Mapper

Additional Data Sources

Sectoral Transactions and Balance Sheets

Annual Non-Financial transactions by	→ Countr	y United States	■ ▼ 1										
sector	→ Secto	r S1: Total economy	S1: Total economy										
Annual Financial transactions by sector	→ Measur	S1: Total economy											
Annual Financial balance sheets by sector	SC TO STATE OF THE	S12: Financial cornora	rporations ations										
Quarterly Non-Financial transactions by	→ Frequence	y S13: General governn	nent	N 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1410								
sector Ouarterly Financial transactions by	⇒iTim	S14_S15: Households S14: Households			enolas	2010	2011						
sector		S15: Non-profit instit S2: Rest of the world	S15: Non-profit institutions serving households										
Quarterly Financial balance sheets by	→ Transaction	32. Rest of the world											
sector	■ NFR1: Total resources	24 414 300	25 752 800	26 489 600	24 473 600	25 778 400	27 170 5						
	NFP1R: Output	24 414 300	25 752 800	26 489 600	24 473 600	25 778 400	27 170 5						
	■ NFU1: Total uses	24 414 300	25 752 800	26 489 700	24 473 600	25 778 400	27 170 5						
	NFP2P: Intermediate consumption	11 099 800	11 791 000	12 270 400	10 575 300	11 359 000	12 179 2						
	■ NFB1GP: Gross domestic product / Gross value added	13 314 500	13 961 800	14 219 300	13 898 300	14 419 400	14 991 3						
	NFK1MP: Consumption of fixed capital	1 597 900	1 700 700	1 781 800	1 790 900	1 793 900	1 852 4						
	NFB1NP: Net domestic product / Net value added	11 716 600	12 261 200	12 437 500	12 107 400	12 625 500	13 138 9						
	■ NFR211: Total resources	13 365 900	14 016 400	14 272 200	13 957 900	14 476 300	15 053 0						
	NFB1GR: Gross domestic product / Gross value added	13 314 500	13 961 800	14 219 300	13 898 300	14 419 400	14 991 3						
	NFD3R: Subsidies, receivable	51 400	54 600	52 900	59 700	57 000	61.6						
	■ NFU211: Total uses	13 608 100	14 028 400	14 274 600	13 839 600	14 453 000	15 021 1						
	■ NFD1P: Compensation of employees	7 483 600	7 863 000	8 079 100	7 807 200	7 977 200	8 303 2						
	NFD11P: Wages and salaries	6 076 800	6 422 600	6 556 600	6 283 200	6 411 700	6 669 3						
	NFD12P: Employers'social contributions	1 406 900	1 440 400	1 522 500	1 524 000	1 565 500	1 633 9						
	■ NFD2P: Taxes on production and imports, payable	986 800	1 027 200	1 038 600	1 023 200	1 055 000	1 097 9						
	NFD21P: Taxes on products	561 700	573 000	571 800	530 900	559 000	593 3						
	NFD29P: Other taxes on production	425 100	454 100	466 800	492 300	496 000	504 6						
	■ NFB2G_B3GP: Operating surplus and mixed income, gross	5 137 700	5 138 200	5 156 900	5 009 300	5 420 900	5 620 0						

■ G-20 GDP volume aggregate

Gross Domestic Product (GDP) Volume

Unit Of Measure Percent Change over Corresponding Period of Previous Year Seasonally Adjusted

	Year,	Year, Seasonally Adjusted														
Frequency			Annu	al						Quarterly						
Time	2007	2008	2009	2010	2011	2012	2010 Q4	2011 Q1	2011 Q2	2011 Q3	2011 Q4	2012 Q1	2012 Q2	2012 Q3	2012 Q4	2013 Q1
Belgium	2.9	1.0	-2.8	2.4	1.8	-0.3	2.2	2.9	2.1	1.5	1.0	0.2	-0.4	-0.4	-0.5	-0.6
Brazil	6.1	5.2	-0.3	7.5	2.7	0.9	5.3	4.1	3.3	2.2	1.4	0.7	0.5	0.9	1.4	1.8
Canada	2.0	1.2	-2.7	3.4	2.5	1.7	3.6	2.8	1.9	3.0	2.4	2.0	2.6	1.2	1.0	1.4
Euro Area	3.0	0.4	-4.4	2.0	1.5	-0.6	2.2	2.5	1.7	1.4	0.7	-0.1	-0.5	-0.7	-1.0	-1.1
France	2.3	-0.1	-3.1	1.7	2.0	0.0	1.9	2.7	2.1	1.8	1.4	0.3	0.1	0.0	-0.3	-0.4
Germany	3.3	1.1	-5.1	4.2	3.0	0.7	4.2	4.8	3.0	2.7	1.9	1.3	1.0	0.9	0.3	-0.3
India	10.1	6.2	5.0	11.2	7.7	3.8	10.8	10.0	8.5	7.2	5.5	4.8	3.8	3.2	3.6	2.8
Indonesia	6.3	6.0	4.6	6.2	6.5	6.2	6.6	6.6	6.5	6.6	6.4	6.3	6.3	6.2	6.1	6.0
Ireland	5.4	-2.1	-5.5	-0.8	1.4	0.9	0.4	0.1	1.8	0.8	3.0	2.1	0.8	0.9	0.0	
Italy	1.7	-1.2	-5.5	1.7	0.4	-2.4	2.0	1.3	0.9	0.3	-0.5	-1.7	-2.5	-2.6	-2.8	-2.4
Japan	2.2	-1.0	-5.5	4.7	-0.6	1.9	3.5	0.1	-1.7	-0.6	0.0	3.2	3.9	0.3	0.4	0.2
Korea, Republic of	5.1	2.3	0.3	6.3	3.7	2.0	5.0	4.1	3.5	3.7	3.4	2.9	2.3	1.5	1.4	1.5
Luxembourg	6.6	-0.7	-4.1	2.9	1.7	0.3	3.5	3.8	1.9	0.9	0.0	-0.3	0.6	-0.5	1.6	
Mexico	3.3	1.2	-6.0	5.3	3.9	3.9	4.1	3.8	3.6	4.4	3.9	5.0	4.4	3.3	3.2	2.2
Netherlands	3.9	1.8	-3.7	1.6	1.0	-1.0	2.0	2.1	1.5	1.1	-0.4	-0.9	-0.5	-1.3	-1.2	-1.3
Russian Federation	8.5	5.2	-7.8	4.5	4.3		4.7	3.9	3.4	4.6	5.2	4.3	4.3	3.3	2.4	
South Africa	5.5	3.6	-1.5	3.1	3.5	2.5	3.9	4.0	3.7	3.2	3.0	2.4	2.8	2.6	2.3	1.9
Spain	3.5	0.9	-3.7	-0.3	0.4	-1.4	0.4	0.5	0.5	0.6	0.0	-0.7	-1.4	-1.6	-1.9	-2.0
Sweden	3.3	-0.6	-5.0	6.6	3.7	0.7	8.1	5.9	4.2	4.1	1.0	1.1	1.4	0.3	1.5	1.7
Switzerland	3.8	2.2	-1.9	3.0	1.9	1.0	3.6	2.9	2.5	1.5	0.8	1.0	0.4	1.3	1.2	1.4
Turkey	4.7	0.7	-4.8	9.2	8.8	2.2	9.8	11.5	8.7	9.1	5.0	2.5	3.1	2.0	1.4	3.4
United Kingdom	3.6	-1.0	-4.0	1.8	1.0	0.3	1.5	1.4	0.8	0.8	1.1	0.5	0.0	0.4	0.2	0.6
United States	1.9	-0.3	-3.1	2.4	1.8	2.2	2.4	1.8	1.9	1.6	2.0	2.4	2.1	2.6	1.7	1.8
G20	5.0	2.3	-1.3	5.0	3.8	2.8	4.8	4.3	3.8	3.7	3.4	3.3	3.0	2.6	2.4	2.4
											14					

Introducing PGI external sector data on the basis of the sixth edition of the Balance of Payments and International Investment Position Manual (BPM6)



Introduction of Coordinated Portfolio Investment Survey (CPIS) data

Principal Global Indicators Additional Data Sources Sectoral Transactions and Balance Sheets Data Mapper **Table Selection** Positions as at end-2011 (p) **Cross-country Concepts** Geographic Breakdown of Total Portfolio Investment by Holders and Issuers ■ Gross domestic product (GDP) volume US Dollars, Millions ■ Gross domestic product (GDP) Investment from: Argentina Australia Austria Belgium Brazil China, P.R.: China, P.R.: France Germany Indonesia Ireland Consumer prices Mainland Hong Kong Producer prices Investment in: Unemployment rate Argentina 18 238 34 132 105 42 291 779 175 Industrial production 4,949 23,449 138 Australia 2 2,163 9 19,072 30,373 18,732 133 22,789 Retail turnover Austria 1.318 15.084 208 946 423 72.705 92.009 2 6.633 Goods: exports f.o.b. Belgium 0 4.182 115 2 625 360 102,714 33,682 0 10.083 С 1 Goods: imports c.i.f. 424 3,133 539 241 0 0 Brazil 468 11,720 7,759 5.037 11,659 Current account Canada 14,555 2,055 3,379 37 6,896 22,718 22,137 0 22,713 ■ International investment position China, P.R.: Hong Kong 5,904 373 307 8 7,879 4,064 2,207 69 166 10,152 (IIP) - net China, P.R.: Mainland 22 3.130 365 372 3 6.158 213.678 10.490 2.355 0 312 11.089 IIP assets **IIP liabilities** 14.140 27.031 124,316 108 22,557 13,747 301.543 0 119 99.638 France 36 21,308 68,053 44,748 215 18,168 9,871 267,479 36 8 133.014 ■ Portfolio Investment Germany Debt Securities 16 India 0 1,816 257 214 3,997 5,908 3,496 743 3,800 **Equity Securities** Indonesia 756 217 93 1,957 482 1,521 2,053 41 3,307 External debt Ireland 2.570 11.733 37.985 70 4.832 11.218 97.933 125.290 12 0 Short-term external debt Italy 2.377 23,433 32 276 30 4.664 1.543 254,662 173,733 5 106.122 Gross official reserves 23 101 19,473 961 1,273 13 36,132 34,791 99,871 24,811 35 49,739 Japan ■ Domestic credit (consolidated Korea, Republic of 0 4,388 643 437 8 8,501 17,384 7,610 6,970 25 194 12,280 balance sheet of the banking sector) 523 26,537 127,970 27,518 144,437 386 Luxemboura 11,935 269 3,954 386,047 1,000 41,671 Government finance statistics for Mexico 1.366 565 463 332 4.668 362 2 486 6 404 0 0 5.706 general government Netherlands 2 13.237 23,250 100.252 171 11.085 11.681 281,214 237.269 13 1.522 70.828 Short-term interest rate Long-term interest rate Russian Federation 1,205 1,601 326 10 2,205 707 4,723 3,609 2,170 0 6 Saudi Arabia 202 1,589 3 Consumer confidence 508 Singapore 2,449 101 216 2 4,306 7,861 1,170 1,576 21 8,036 Business confidence South Africa 1.909 498 233 3 3.355 103 2.490 4.611 15 6.700 Oil price 117 3.015 11,208 34.649 2.899 4.323 1.239 195,969 163,709 0 5 37.658 Spain ■ Exchange rates Sweden 3,247 5.274 4,413 5.269 2,375 45,481 42,371 20,209

Access to PGI Data (1 of 2)

- The PGI website is accessible through this web link: http://www.principalglobalindicators.org, as well as IAG members' websites.
- The PGI dataset is also available on the iPad, iPhone, and iPod touch and can be accessed by using the free PGI Data Explorer mobile app.



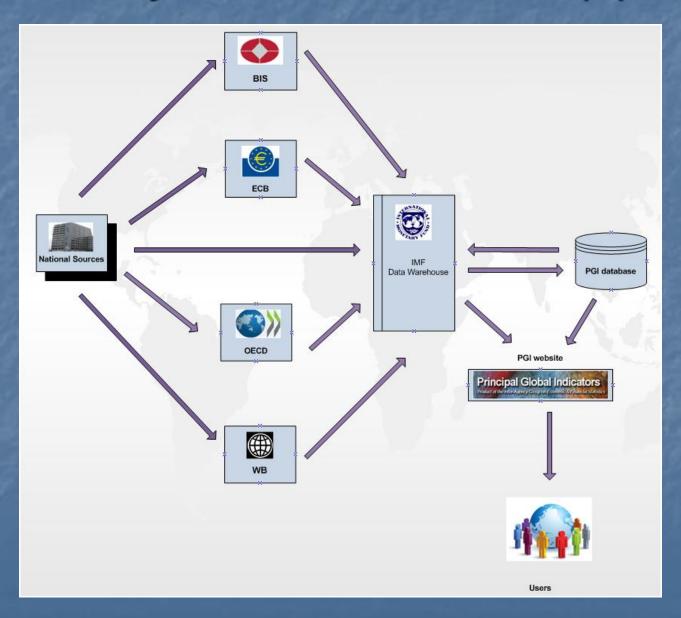
Access to PGI Data

(2 of 2)

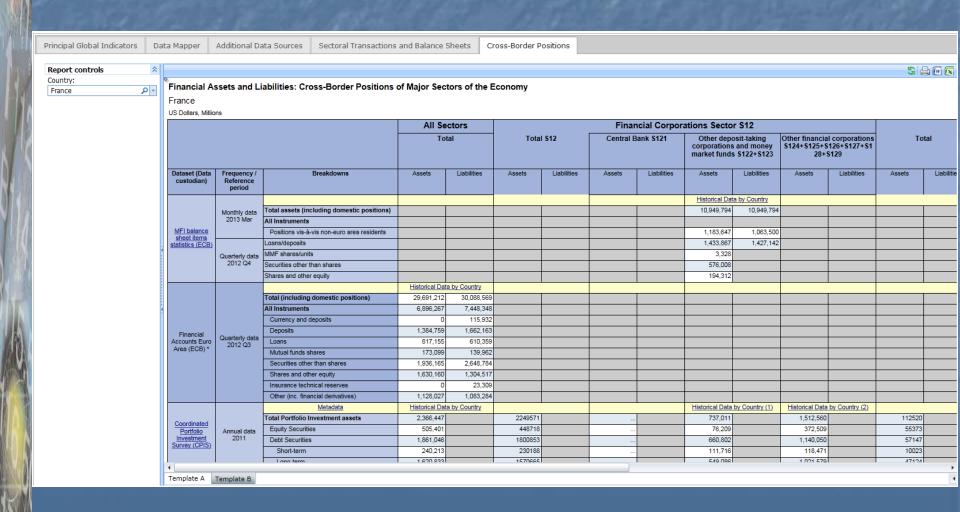
Cross-country as well as country-specific coverage is available via PGI Data Explorer app with data visualization tools.



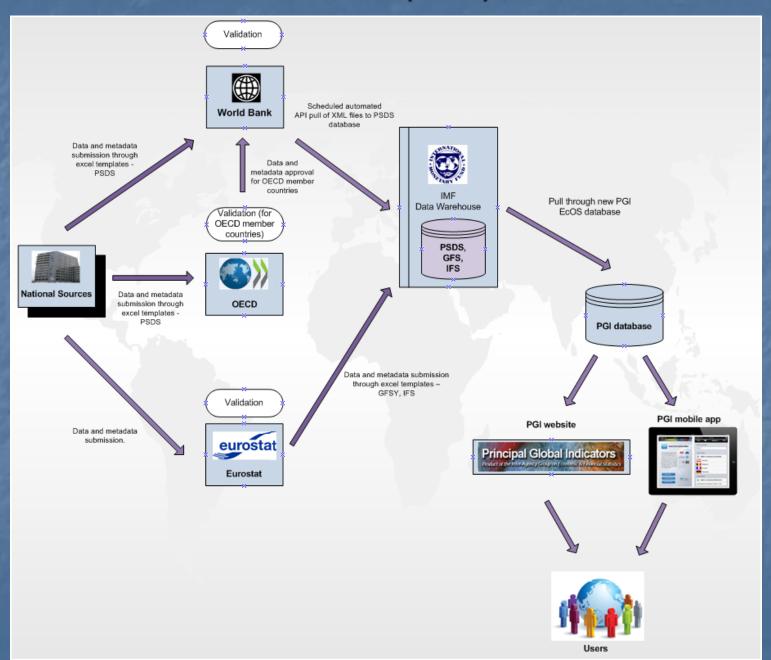
REC 14: Adding the template on Cross-Border Positions of Major Sectors of the Economy (1 of 2)



REC 14: Adding the template on Cross-Border Positions of Major Sectors of the Economy (2 of 2) Combining data from IMF, ECB, OECD, BIS, and World Bank

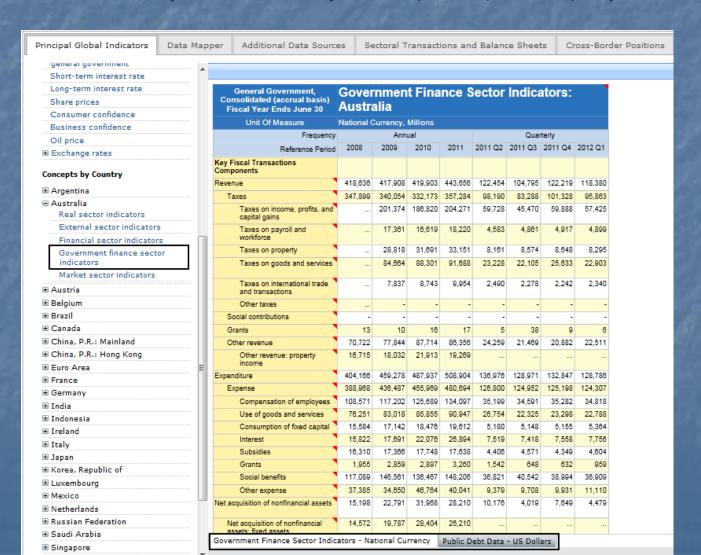


REC 17: Towards a Standard Government Finance Statistics (GFS) – Data flow (1 of 2)

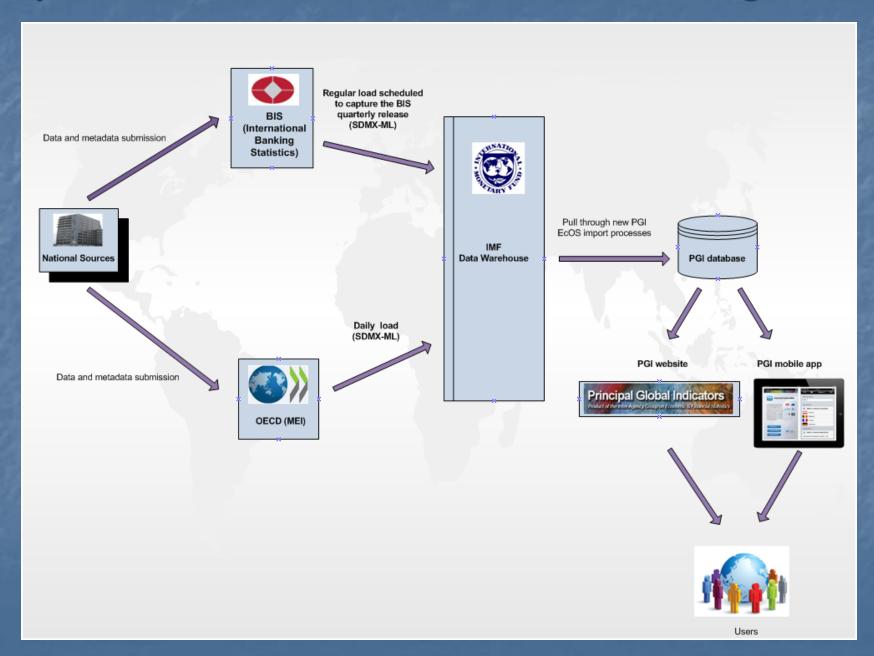


REC 17: Towards a Standard Government Finance Statistics (GFS) — Improvements to fiscal sector coverage(2 of 2)

- 45 concepts compared to about 12 in the past
- Combination of several sources Eurostat (GFS), IMF (GFS), OECD (PSD), World Bank (PSD) to close the data gaps in fiscal statistics
- Introduction of new concepts on PGI level (Net Debt, Direct, Indirect, Capital taxes, etc)



Dynamic dissemination of data received through SDMX



Thank You