



# **Principal Global Indicators (PGI)**

## **IMF/FSB Global Conference on the G-20 Data Gaps Initiative**

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# Outline

- Overview of the PGI
- Main features of the PGI
- Access to the PGI
- What is in the PGI
- Usage of the PGI
- Enhancements of the PGI

# G-20 Recommendation

## 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

# Overview of the PGI

(1 of 3)

- The PGI website was launched in 2009 in response to the global financial crisis, and is hosted by the IMF. It is a joint undertaking of the IAG, which was established in 2008 to coordinate statistical issues and data gaps highlighted by the global crisis and to strengthen data collection.

# Overview of the PGI

(2 of 3)

- The PGI provides information on major economic indicators that is available at participating international agencies covering financial, governmental, external, and real sector data, with links to data available at websites of international and national agencies.
- The PGI provides internationally comparable data for the G-20 economies and economies with systemically important financial sectors that are not members of the G-20 to facilitate the monitoring of economic and financial developments for these jurisdictions.

# Overview of the PGI

(3 of 3)

## 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

## Economies with systemically important financial sectors:

Austria	Luxembourg	Sweden
Belgium	Netherlands	Switzerland
China, P.R.: Hong Kong	Singapore	
Ireland	Spain	

# Main Features of the PGI

(1 of 2)

- The PGI disseminates data on the main international statistical concepts sourced from the IAG members.
- The PGI publishes cross-country reports which facilitate international comparison for over 40 principal economic concepts.
- The PGI publishes additional detailed country data (about 200 concepts) useful in country-level analysis.
- The PGI also has derived data indicators, such as annual growth and ratios to GDP, designed for data analysis.
- The PGI now includes aggregate GDP growth rate and CPI for G-20 economies.

# Main Features of the PGI

(2 of 2)

- The Data Mapper tool is available to enhance data analysis through visualization (using geographical maps and graphs).
- The PGI presents data in comparable units of measure.
- The PGI data may be retrieved in Excel, Word, or PDF formats.



# Access to PGI Data

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



# What's in the PGI

(1 of 7)

Cross-country data for the G-20 and economies with systemically important financial sectors that are not members of the G-20.

Principal Global Indicators

Data Mapper

Additional Data Sources

Sectoral Transactions and Balance Sheets

Cross-Border Positions

## Table Selection

### Cross-country Concepts

- Gross domestic product (GDP) volume
- Gross domestic product (GDP) Consumer prices
- Producer prices
- Unemployment rate
- Industrial production
- Retail turnover
- Goods: exports f.o.b.
- Goods: imports c.i.f.
- Current account
- International investment position (IIP) - net
- Portfolio Investment
- External debt
- Short-term external debt
- Gross official reserves
- Domestic credit (consolidated balance sheet of the banking sector)
- Government finance statistics
- Short-term interest rate
- Long-term interest rate
- Share prices
- Consumer confidence
- Business confidence
- Oil price
- Exchange rates

## Unemployment Rate

Country and Group	Percentage Rate																	
	Frequency	Annual					Quarterly					Monthly						
		Time	2009	2010	2011	2012	2013	2013 Q1	2013 Q2	2013 Q3	2013 Q4	2014 Q1	2013 Oct	2013 Nov	2013 Dec	2014 Jan	2014 Feb	2014 Mar
Argentina		8.7	7.8	7.5	7.2	7.1	7.9	7.2	6.8	6.4	...	...	...	...	...	...	...	...
Australia		5.6	5.2	5.1	5.2	5.7	5.9	5.6	5.5	5.6	6.5	5.6	5.4	5.7	6.4	6.8	6.2	...
Austria		7.2	6.9	6.7	7.0	7.6	8.5	6.8	6.8	8.3	9.2	7.4	8.0	9.5	9.7	9.4	8.4	8.1
Belgium		7.9	8.3	7.2	7.6	8.4	8.3	8.4	8.4	8.4	8.5	8.4	8.4	8.5	8.5	8.5	8.5	...
Brazil		8.1	6.7	6.0	5.5	5.4	5.6	5.9	5.4	4.7	...	5.2	4.6	4.3	4.8	5.1	...	...
Canada		8.3	8.0	7.5	7.2	7.1	7.5	7.1	7.1	6.5	7.4	6.5	6.4	6.7	7.4	7.4	7.4	...
China, P.R.: Mainland		4.3	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.1	...	...	...	...	...	...	...	...
China, P.R.: Hong Kong		5.2	4.3	3.4	3.3	3.4	3.4	3.5	3.5	3.1	...	3.3	3.1	2.9	2.9	...	...	...
Euro Area		9.5	10.1	10.1	11.3	12.0	12.0	12.0	12.0	11.9	11.8	11.9	11.9	11.8	11.8	11.8	11.8	...
France		9.2	9.3	9.2	9.8	...	10.4	10.4	10.5	...	...	...	...	...	...	...	...	...
Germany		8.1	7.7	7.1	6.8	6.9	7.4	6.8	6.7	6.6	7.2	5.1	5.0	5.0	5.6	5.5	5.5	...
Indonesia		7.9	7.1	6.7	6.2	6.1	...	...	...	...	...	...	...	...	...	...	...	...
Ireland		12.0	13.9	14.6	14.7	13.3	13.7	13.9	13.9	11.7	...	...	...	...	...	...	...	...
Italy		7.8	8.4	8.4	10.7	12.2	12.8	12.1	11.3	12.7	13.6	12.6	13.1	12.3	13.9	13.9	13.1	...
Japan		5.1	5.1	4.6	4.4	4.0	4.2	4.2	4.0	3.7	3.7	4.0	3.8	3.4	3.7	3.6	3.8	...
Korea, Republic of		3.6	3.7	3.4	3.2	3.1	3.6	3.1	3.0	2.8	4.0	2.8	2.7	3.0	3.5	4.5	3.9	...
Luxembourg		3.5	3.8	3.6	4.0	4.5	4.5	4.3	4.4	4.7	...	4.5	4.6	5.0	...	...	...	...
Mexico		5.5	5.4	5.2	5.0	4.9	4.9	4.9	5.2	4.5	...	...	...	...	...	...	...	...
Netherlands		4.8	5.5	5.4	6.4	8.3	8.0	8.3	8.5	8.2	...	8.3	8.1	8.2	8.9	...	...	...
Russian Federation		8.4	7.5	6.6	5.5	5.5	5.8	5.4	5.3	5.5	5.5	5.5	5.4	5.6	5.6	5.6	5.4	...

# What's in the PGI

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Additional detailed data for country-level analysis.

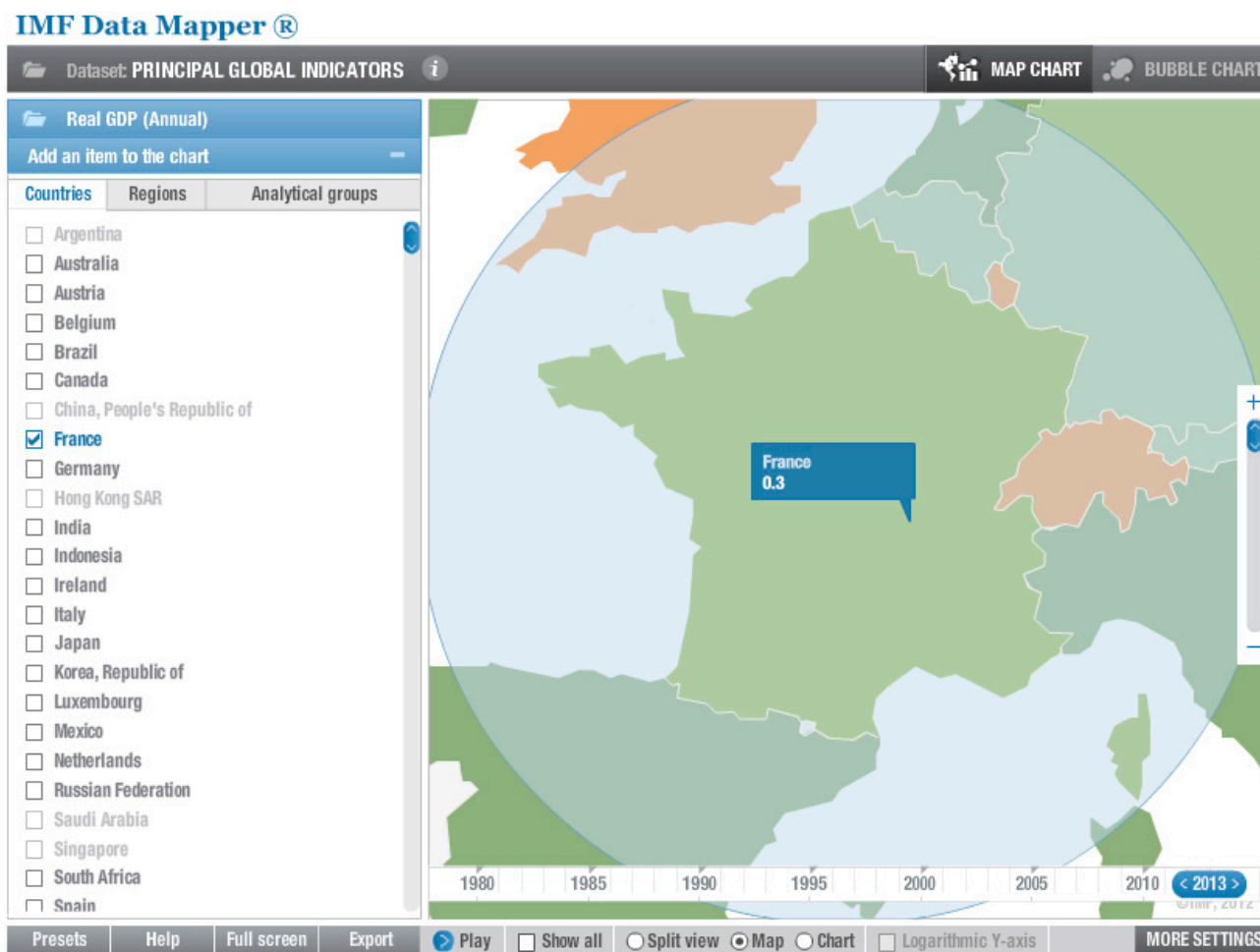
Business confidence
Oil price
Exchange rates
<b>Concepts by Country</b>
Argentina
Australia
Austria
Belgium
Brazil
Canada
China, P.R.: Mainland
China, P.R.: Hong Kong
Euro Area
Real sector indicators
External sector indicators
Financial sector indicators
Government finance sector indicators
Market sector indicators
France
Germany
India
Indonesia
Ireland
Italy
Japan
Korea, Republic of
Luxembourg
Mexico
Netherlands
Russian Federation
Saudi Arabia
Singapore
South Africa
Spain

General Government, Consolidated (accrual basis) Fiscal Year Ends December 31		Government Finance Sector Indicators: Euro Area											
Unit Of Measure		Euros, Billions											
	Frequency	Annual					Quarterly						
	Reference Period	2009	2010	2011	2012	2013	2012 Q2	2012 Q3	2012 Q4	2013 Q1	2013 Q2	2013 Q3	2013 Q4
Expenditure		4,578.3	4,687.8	4,669.9	4,745.3	4,781.0	1,168.2	1,146.0	1,310.0	1,137.3	1,189.6	1,165.0	1,289.1
Expense		4,506.8	4,646.2	4,650.8	4,743.8	4,792.7	1,168.5	1,144.4	1,303.2	1,150.5	1,192.2	1,164.6	1,285.4
Compensation of employees		1,412.2	1,438.8	1,479.5	1,506.6	1,531.3	370.6	366.1	411.6	364.3	376.7	373.1	417.2
Use of goods and services		512.3	522.7	522.0	525.5	529.2	126.3	125.1	158.8	116.9	129.6	127.5	155.2
Consumption of fixed capital		185.0	191.2	196.9	202.1	206.4	50.3	50.7	51.1	51.2	51.5	51.7	52.0
Interest		255.5	259.9	286.9	293.5	279.0	79.0	67.8	77.2	64.6	74.8	67.3	72.3
Subsidies		121.4	126.0	120.4	117.9	120.4	27.1	27.3	35.1	28.3	27.6	28.4	36.1
Social benefits		2,094.3	2,148.2	2,179.4	2,227.1	2,282.2	550.6	550.7	584.0	553.6	564.8	566.0	597.8
Net acquisition of nonfinancial assets		71.6	41.6	19.1	1.6	-11.8	-0.3	1.6	6.8	-13.2	-2.6	0.4	3.6
Gross operating balance		-310.2	-337.5	-171.9	-147.3	-95.7	-20.0	-37.3	-32.0	-68.7	-3.2	-28.8	5.0
Net operating balance		-495.2	-528.7	-368.8	-349.4	-302.1	-70.4	-88.1	-83.1	-119.9	-54.7	-80.5	-47.0
Primary operating balance		-239.8	-268.8	-82.0	-55.8	-23.1	8.6	-20.3	-5.9	-55.3	20.1	-13.2	25.3
Net lending(+)/borrowing(-) balance		-566.8	-570.4	-388.0	-351.0	-290.3	-70.1	-89.7	-89.9	-106.7	-52.1	-80.9	-50.6
Memorandum items:													
Direct taxes		1,032.5	1,059.1	1,119.2	1,176.4	1,216.4	299.2	280.7	340.7	262.7	315.2	289.6	348.8
Indirect taxes		1,120.8	1,166.2	1,204.1	1,235.0	1,250.0	304.9	299.9	330.4	297.1	311.3	305.3	336.2
Capital taxes		34.1	25.3	31.2	25.7	32.6	6.2	7.3	6.9	6.3	9.1	8.7	8.5
Key Fiscal Balance Sheet Components													
Financial assets		3,068.4	3,368.2	3,404.2	3,740.3	3,768.9	3,714.1	3,692.9	3,740.3	3,807.1	3,858.6	3,771.9	3,768.9
Liabilities by instrument		7,989.2	8,603.2	8,931.5	9,967.2	10,183.5	9,542.1	9,711.3	9,967.2	10,106.3	10,194.1	10,097.6	10,183.5
Special Drawing Rights (SDRs)		-	-	-	-	-	-	-	-	-	-	-	-
Currency and deposits		295.2	301.7	302.1	313.2	314.2	308.7	315.7	313.2	312.3	307.6	310.1	314.2
Debt securities		6,046.3	6,327.9	6,540.1	7,244.3	7,481.7	6,925.7	7,087.9	7,244.3	7,407.7	7,492.4	7,433.9	7,481.7

# What's in the PGI

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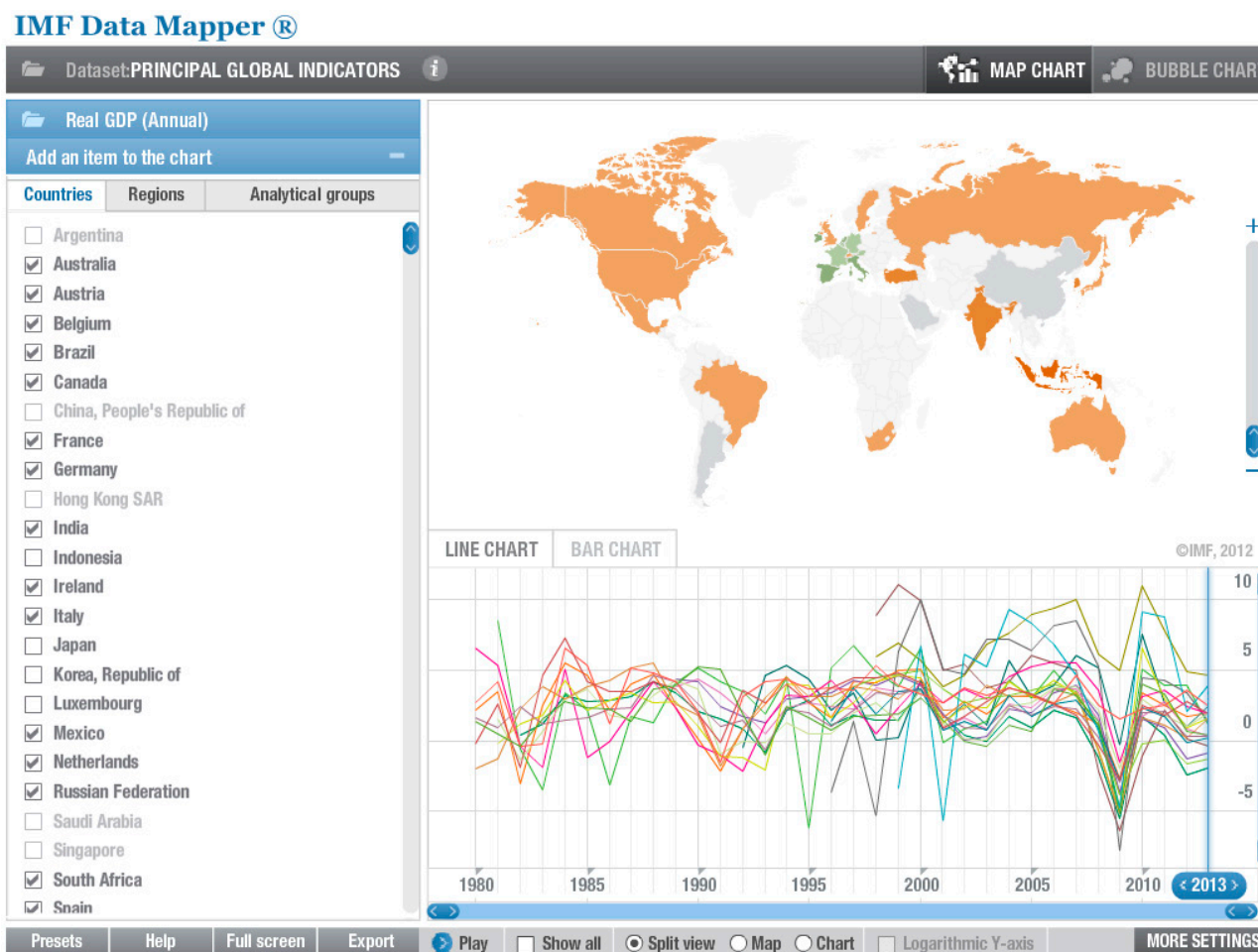
- The Data Mapper tool is available to enhance data analysis through visualization (using geographical maps and graphs— country-specific analysis).



# What's in the PGI

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- The Data Mapper tool is available to enhance data analysis through visualization (using geographical maps and graphs—cross-country analysis).



# What's in the PGI

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Links to additional data sources (such as links to a country's Central Bank page, SDDS National Summary Data Page, and the websites of national statistical offices).

Principal Global Indicators
Data Mapper
Additional Data Sources
Sectoral Transactions and Balance Sheets
Cross-Border Positions

**Select a country:** Japan

**Central Bank and Related Data Sites**

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[Link](#)

- [Bank of Japan - Home Page](#)
- [Bank of Japan - Accounts - Every Ten Days](#)
- [Bank of Japan - Statistics - Monetary Statistics, Balance of Payments, Prices, Government Finance Statistics, Flow-of-Funds](#)
- [Financial Services Agency - Home Page - FSA Policies, FSA Regulated Institutions](#)

**SDDS National Summary Data Pages**

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[Link](#)

- [SDDS National Summary Data Page](#)
- [International Reserve and Foreign Currency Liquidity Data](#)

**National Statistical Offices**

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[Link](#)

	Country
<a href="#">Statistics Bureau</a>	Japan

# What's in the PGI?

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- SNA sectoral account reports provide sectoral breakdown of data on financial and nonfinancial transactions and balance sheets.

Principal Global Indicators | Data Mapper | Additional Data Sources | **Sectoral Transactions and Balance Sheets** | Cross-Border Positions

## Table Selection

Annual Non-Financial transactions by sector  
 Annual Financial transactions by sector  
 Annual Financial balance sheets by sector  
 Quarterly Non-Financial transactions by sector  
 Quarterly Financial transactions by sector  
 Quarterly Financial balance sheets by sector

### 14A. Non-financial accounts by sectors <sup>0</sup> : Transactions, Annual

	Country							
	Austria							
	Sector							
	Total economy							
	Measure							
	National currency, current prices, millions							
	Frequency							
	Annual							
	Time	2006	2007	2008	2009	2010	2011	2012
		▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼
Transaction								
■ Total resources		510 112	544 613	576 028	548 081	570 692	612 358	633 440
■ Output		485 668	518 712	549 477	521 546	543 178	583 806	604 022
Market Output		422 108	452 519	479 584	449 129	469 019	507 316	525 270
Output for own final use		21 767	22 755	23 507	24 365	25 177	26 713	27 456
Other non-market output		41 793	43 437	46 386	48 053	48 983	49 778	51 297
Taxes less subsidies on products		24 443	25 902	26 552	26 534	27 514	28 551	29 418
■ Total uses		510 112	544 613	576 028	548 081	570 692	612 358	633 440
Intermediate consumption		251 077	270 593	293 284	271 853	285 527	313 117	326 436
■ Gross domestic product / Gross value added		259 035	274 020	282 744	276 228	285 165	299 240	307 004
Consumption of fixed capital		39 605	41 382	43 466	44 536	45 730	47 390	49 423
Net domestic product / Net value added		219 430	232 638	239 279	231 692	239 436	251 850	257 581
■ Total resources		268 999	284 064	293 759	287 257	296 275	310 685	319 110



# What's in the PGI?

(7 of 7)

- The Cross-Border Positions section provides access to two standardized navigation templates on the cross-border positions of specific economic sectors of reporting economies.

Principal Global Indicators | Data Mapper | Additional Data Sources | Sectoral Transactions and Balance Sheets | Cross-Border Positions

**Report controls**  
Country: France

- Argentina
- Australia
- Austria
- Belgium
- Brazil
- Canada
- China, P.R.: Hong Kong
- China, P.R.: Mainland
- Euro Area
- France**
- Germany
- India

[\(Introductory page\)](#)  
[Inventory of data on cross-border exposures of financial and non-financial corporations](#)

Template A: Cross Border Positions of Major Sectors of the Economy		All Sectors	Financial Corporations Sector S12				Non-financial Sectors			
Dataset (Data custodian)	Frequency / Reference period	Total	Total S12	Deposit-taking corporations except CB S122 (1)	Other financial corporations S123+S124+S125+S126+S127+S128+S129	Central Bank S121	Total	Non-financial corporations S11	General Government S13	Households (including non-profit institutions serving household) S14+S15
Coordinated Portfolio Investment Survey (IMF)	Data end June 2013	Data	Data	Data	Data		Data	Data	Data	Data
International Investment Position (IMF)	No data available									
Coordinated Direct Investment Survey (IMF)	Annual data 2012	Data								
Quarterly External Debt Statistics (IMF/WB)	Quarterly data 2013 Q4	Data		Data		Data			Data	
International Reserves Template (IMF)	Monthly data 2014 Mar	Data								
Foreign Direct Investment (OECD)	Annual data 2012	Data	Data				Data			
Annual Financial Balance Sheets (Stocks) non consolidated (OECD)	Annual data 2012	Data								
Quarterly Financial Balance Sheets (Stocks) non consolidated (OECD)	Quarterly data 2013 Q3	Data								
Financial Accounts (ECB)	No data available									
International Investment position (ECB)	No data available									
MFI balance sheet items statistics (ECB) (1)	Quarterly data 2014 Q1			Data						

Data available for the selected country/zone and for the indicated reference period.  
 Data not available for the selected country/zone.  
 Not applicable

1. ECB MFI balance sheets statistics are compiled under the requirements of ESA 2010 and refer to the balance sheets of the MFI sector, comprising central bank (S.121), deposit-taking corporations except the central bank (S.122) and money market funds (S.123) are available for the MFI sector as a whole, and for the underlying subsectors.

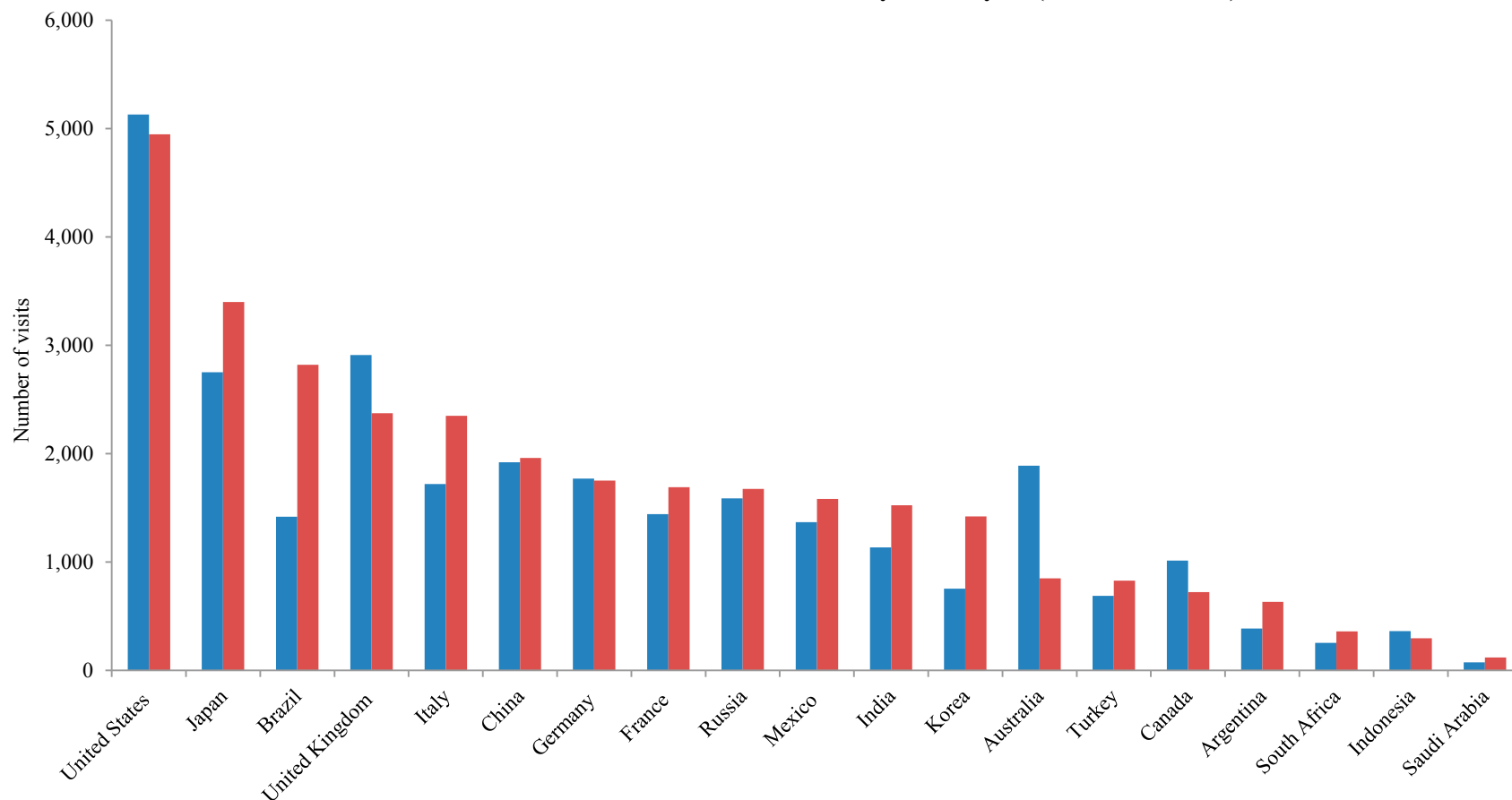
Template A All Sectors | **Template B Financial Corporations**



# Usage of the PGI

## (1 of 4)

Number of visits to PGI website in G20 from January 1 to May 31 (in 2013 and 2014)

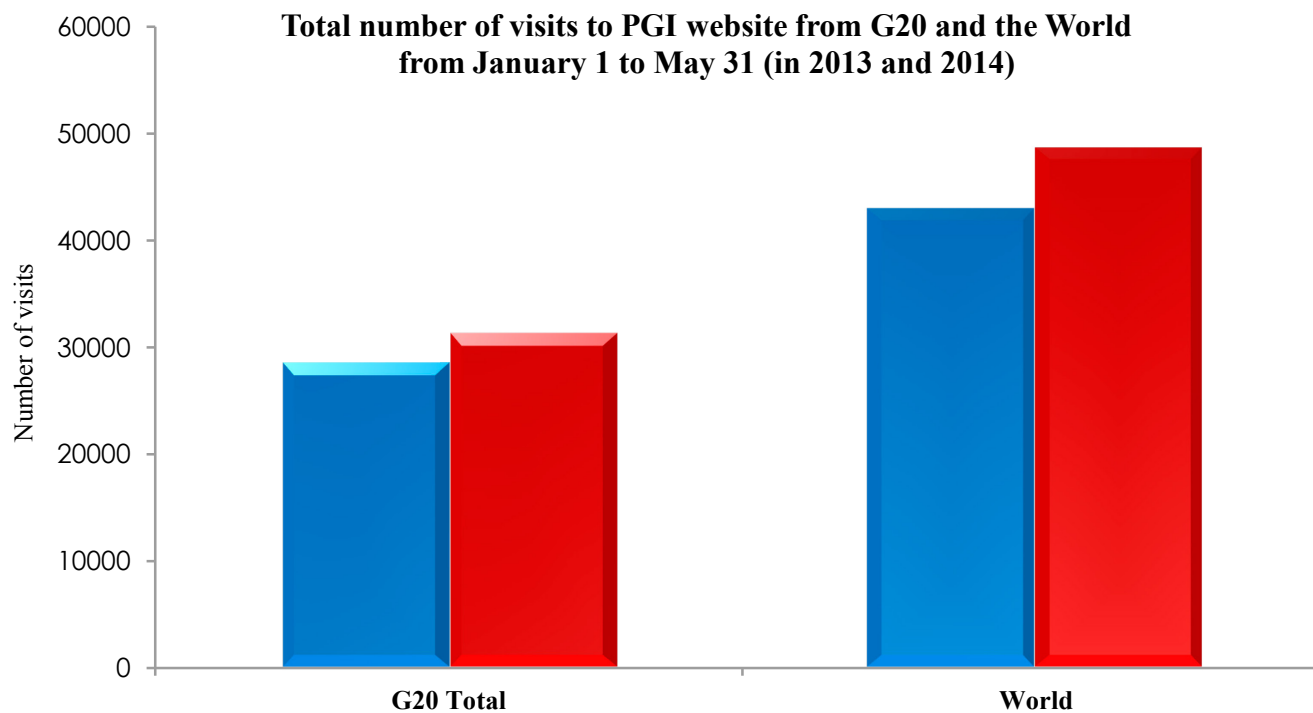


Source: Google Analytics  
Excludes visits from IMF internal network.

■ 2013 ■ 2014

# Usage of the PGI

## (2 of 4)



Source: Google Analytics  
Excludes visits from IMF internal network.

■ 2013 ■ 2014

# Usage of the PGI

(3 of 4)

*From January 1 – May 31, 2014*

- The PGI website had about 50,000 visits from over 180 countries; an increase of more than 13 percent compared with the same period in previous year.
- The number of G-20 visits increased by about 10 percent.
- Countries with the largest number of visitors are the United States (4,946), Japan (3,398), Brazil (2,821 ), the UK (2,373), and Italy (2,349).

# Enhancements of the PGI

(1 of 2)

High priorities:

- Continuous improvement of data coverage and timeliness of the PGI website.
- Enhanced collaboration among IAG agencies that offer an SDMX web service to further improve the efficiency of data exchange, increase timeliness of PGI, and reduce overlaps in data collection from economies.
- Promotion of the usage of PGI data through outreach activities, such as giving a presentation on the PGI, producing posters and brochures, and placing links to the PGI website at more prominent locations.

# Enhancements of the PGI

(2 of 2)

Work ahead:

- Short-term improvements focus on country and data coverage, increased communication of the IAG work program as well as tracking progress on DGI recommendations.
- The medium-term strategy covers the introduction of the new data dissemination platform, improved timeliness by leveraging the SDDS-Plus, and PGI promotion via social media.

**Thank you**

Questions contact: [staPGI@imf.org](mailto:staPGI@imf.org)