

Japan and the World 2017/18

A Pocket Guide in Figures

Japan and the World 2017/18

A Pocket Guide in Figures

Japan and the World 2017/18
A Pocket Guide in Figures

Published by Keizai Koho Center
(Japan Institute for Social and Economic Affairs)
Keidanren Kaikan 19F, 1-3-2 Otemachi,
Chiyoda-ku, Tokyo 100-0004 Japan

Data researched and compiled by
Hiroto Arita, Yuriko Hosogaya, Chikako Yoshioka,
Ikuyo Watanabe and Rie Sakagoshi.

Copyright © Keizai Koho Center

All rights reserved. No part of this publication may be reproduced
without the prior permission of the publisher.

The majority of the statistics contained in this data book are taken
directly from published sources and reformatted by Keizai Koho Center.
Consequently, neither Keizai Koho Center nor the compilers endorse
the validity of the original data.

Although the greatest care has been taken in compiling this book,
any errors will be corrected and posted on Keizai Koho Center's website.
www.kkc.or.jp/english/

Printed in Japan by Hikari Photo Printing Co., Ltd.

CONTENTS

Chapter 1 Economic and Financial Indicators		
1-1	GDP (Gross Domestic Product) 国内総生産	2-3
1-2	GDP Growth Rates GDP 成長率	4-5
1-3	GDP Per Capita 一人当たり GDP	6-7
1-4	GDP Composition by Industries (2015) 産業別 GDP 構成比	8-9
1-5	GDP Composition by Expenditures (2015) 支出要素別 GDP 構成比	10-11
1-6	Gross National Income 国民総所得	12

1-7	Exchange Rates 為替レート	13
1-8	Stock Prices and Indices 株価・株価指数	14-15
1-9	Long-term Interest Rates 長期金利	16-17
1-10	Industrial Production Index 鉱工業生産指数	18-19
1-11	Consumer Price Indices (All Items) 消費者物価指数 (総合)	20-21
1-12	Household Final Consumption Expenditure 家計最終消費支出	22-23
1-13	Crude Oil Price 原油価格	24
(Editor's Choice) Worldwide Apps Downloads (2016) アプリダウンロード数と収益		25

Chapter 2 Populations and Labor Markets

2-1	Population 人口	26-27
2-2	Population (Ages 15-64) 人口 (15-64 歲)	28-29
2-3	Population (Ages 65 and Older) 人口 (65 歲以上)	30-31
2-4	Total Fertility Rate 合計特殊出生率	32-33

2-5	Unemployment Rate 失業率	34-35
2-6	Employment Rate by Age and Gender 年齡・性別雇用率	36
2-7	Part-time Employment Rate by Age and Gender 年齡・性別短時間雇用率	37
2-8	Labor Productivity and Index 労働生産性・指数	38-39

Chapter 3 Trade and Investment

3-1	Current Account Balance 経常収支	40-41
3-2	Trade Balance (Japan) 貿易収支(日本)	42-43
3-3	Japan's Major Trading Partners 日本の主な貿易相手	44-45
3-4	Trade Balance (U.S.) 貿易収支(米国)	46
3-5	Trade Balance (China) 貿易収支(中国)	47
3-6	Trade Balance (Germany) 貿易収支(ドイツ)	48
3-7	Trade Balance (U.K.) 貿易収支(イギリス)	49
3-8	Trade Balance (South Korea) 貿易収支(韓国)	50
3-9	Trade and Investment (U.S.-Japan-China) 日米中の貿易・投資	51
3-10	Outward Foreign Direct Investment (FDI) (Stock) 対外直接投資残高	52-53
3-11	Outward FDI (Flow) 対外直接投資フロー	54-55

3-12	Inward FDI (Stock) 対内直接投資残高	56-57
3-13	Inward FDI (Flow) 対内直接投資フロー	58-59
3-14	FDI (Japan) (Flow) 直接投資フロー(日本)	60-61
3-15	FDI (Japan) (Stock) 直接投資残高(日本)	62-63
3-16	FDI (U.S.) 直接投資(米国)	64-65
3-17	FDI (China) 直接投資(中国)	66-67
3-18	FDI (ASEAN) 直接投資(ASEAN)	68-69
3-19	FDI (EU) 直接投資(EU)	70-71
3-20	Outbound M&A 対外M&A	72
3-21	Inbound M&A 対内M&A	73
3-22	Employment and Exports by Foreign Affiliated Companies in the U.S. 在米外資系企業の雇用と輸出額	74
	(Editor's Choice) Ease of Doing Business Ranking (2018) ビジネス環境ランキング	75

Chapter 4 Education and People Exchange

4-1	Inbound Tourism 外国人訪問者数	76-77
4-2	Foreign Visitors to Japan 訪日外客数	78-79
4-3	Outbound Tourism 外国旅行者数	80-81
4-4	Japanese Outbound Travelers 日本人出国者数	82-83
4-5	Foreign Students by Country of Origin and Destination (2015) 各国の留学生受入れ数	84
4-6	Students Studying Abroad by Country of Origin (2016) 各国の海外留学生	85
4-7	Foreign Students in Japan 日本への留学生	86-87

4-8	Overseas Japanese in Higher Education Institutions 海外高等教育機関への日本人留学生	88-89
4-9	International Students in the U.S. 在米外国人留学生	90-91
4-10	Japanese Students in the U.S. by Academic Level 学位別在米日本人留学生	92-93
4-11	Overseas Japanese in Elementary and Middle Schools 在留邦人子女数(小中学生)	94-95
4-12	International Scholars in the U.S. 在米外国人研究者数	96-97
4-13	University Rankings 大学ランキング	98
4-14	TOEFL Scores 国別TOEFLスコア	99

Chapter 5 Government Budget, Tax and Other Data

5-1	General Government Spending to GDP 一般政府支出 (対GDP比)	100-101
5-2	Government Budget Balance to GDP 財政収支 (対GDP比)	102-103
5-3	Effective Corporate Tax Rates (2017) 法人実効税率	104
5-4	Top Marginal Personal Income Tax Rates (2016) 所得税最高税率	105
5-5	Value-Added Tax Rates 付加価値税率	106

5-6	National Burden Ratio (2014) 国民負担率	107
5-7	Foreign Exchange Reserves 外貨準備高	108-109
5-8	Military Expenditure 軍事支出	110-111
5-9	ODA (Official Development Assistance) ODA純支出額	112-113
5-10	Gross Domestic Expenditure on R&D by Source (2015) 各国の研究開発投資 (拠出元別)	114
5-11	Land Area (2015) 国土面積	115

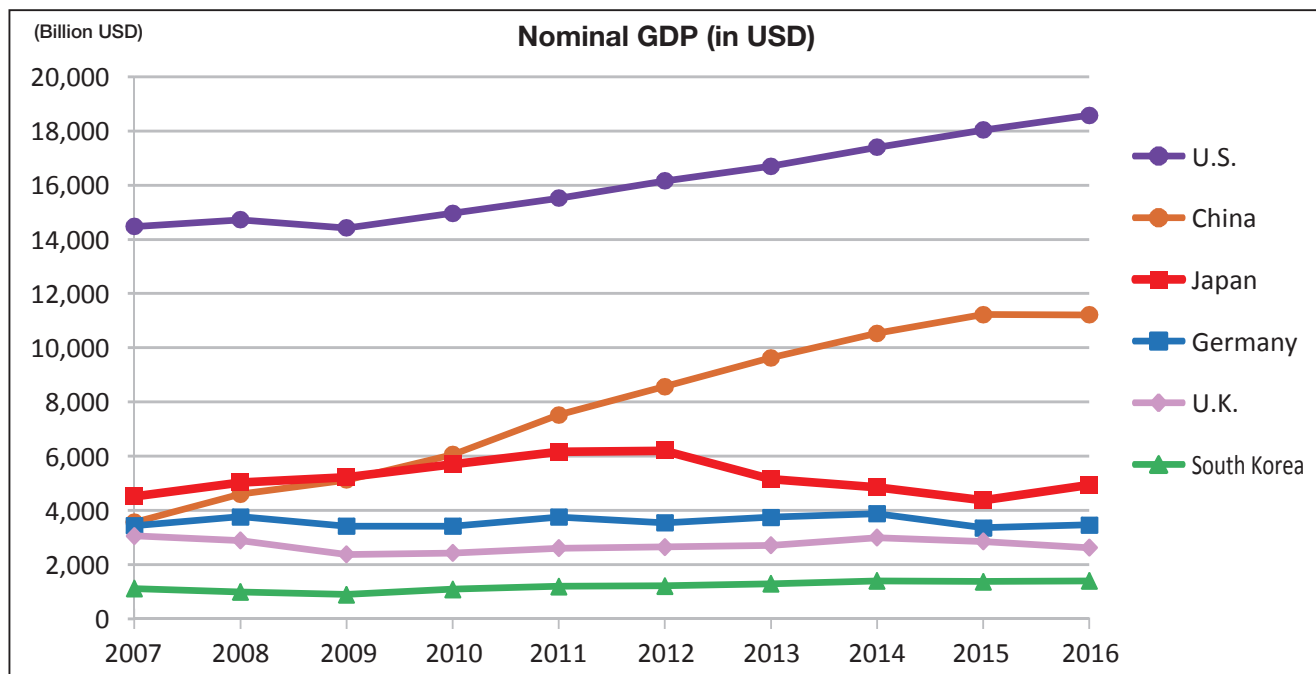
Japan and the World 2017/18

A Pocket Guide in Figures

- Chapter 1 Economic and Financial Indicators
- Chapter 2 Population and Labor Markets
- Chapter 3 Trade and Investment
- Chapter 4 Education and People Exchange
- Chapter 5 Government Budget, Tax and Other Data

1-1 GDP (Gross Domestic Product)

国内総生産

Source: IMF <http://www.imf.org/external/datamapper/NGDPD@WEO/WEOWORLD>

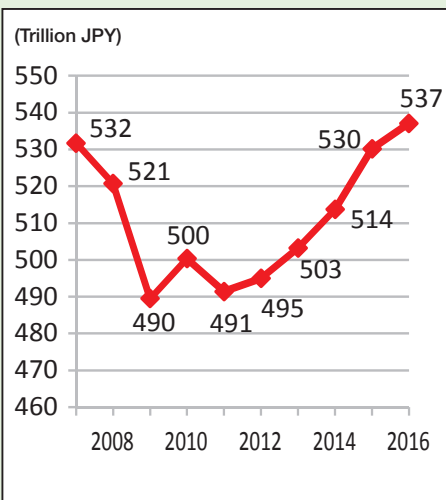
Nominal GDP (in USD)

(Billion USD)

		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
1	U.S.	14,478	14,719	14,419	14,964	15,518	16,155	16,692	17,428	18,121	18,624
2	China	3,571	4,604	5,122	6,066	7,522	8,570	9,635	10,535	11,226	11,232
3	Japan (% of Global GDP)	4,515 (7.8%)	5,038 (7.9%)	5,231 (8.7%)	5,700 (8.6%)	6,157 (8.4%)	6,203 (8.3%)	5,156 (6.7%)	4,849 (6.2%)	4,380 (5.9%)	4,937 (6.5%)
4	Germany	3,445	3,770	3,427	3,423	3,761	3,546	3,754	3,897	3,377	3,479
5	U.K.	3,064	2,899	2,377	2,431	2,611	2,655	2,721	3,002	2,863	2,629
6	France	2,667	2,937	2,701	2,652	2,865	2,683	2,809	2,854	2,435	2,466
7	India	1,239	1,224	1,365	1,708	1,823	1,828	1,857	2,035	2,090	2,264
8	Italy	2,206	2,402	2,191	2,129	2,278	2,074	2,131	2,155	1,826	1,851
9	Brazil	1,397	1,696	1,669	2,209	2,614	2,464	2,472	2,456	1,801	1,799
10	Canada	1,465	1,549	1,371	1,613	1,789	1,824	1,843	1,793	1,553	1,530
11	S. Korea	1,123	1,002	902	1,094	1,202	1,223	1,306	1,411	1,383	1,411
	World Total	58,060	63,650	60,280	65,906	73,119	74,489	76,551	78,594	74,311	75,368

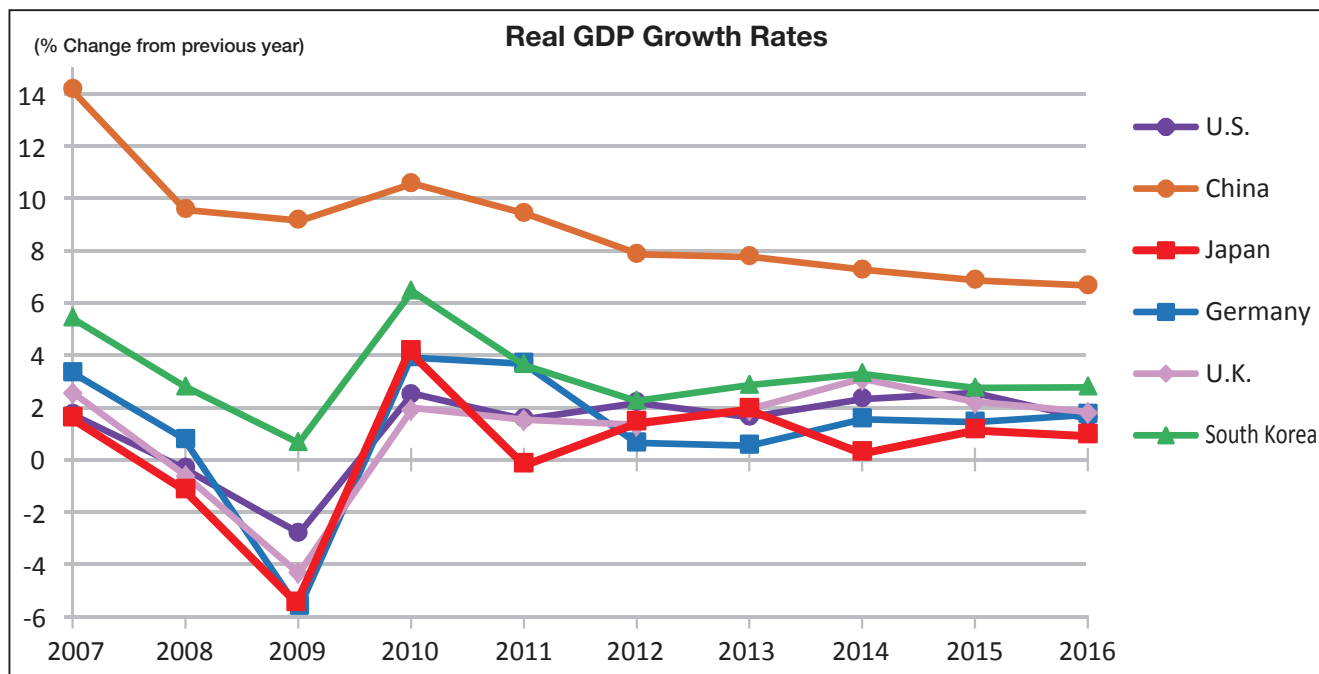
Source: IMF <http://www.imf.org/external/datamapper/NGDPD@WEO/WEOWORLD>

Japan's Nominal GDP (in JPY)

Source: Cabinet Office
http://www.esri.cao.go.jp/jp/sna/data/data_list/sokuhou/files/2017/toukei_2017.html

1-2 GDP Growth Rates

GDP成長率



Source: IMF <http://www.imf.org/external/pubs/ft/weo/2017/01/weodata/index.aspx>

Real GDP Growth Rates

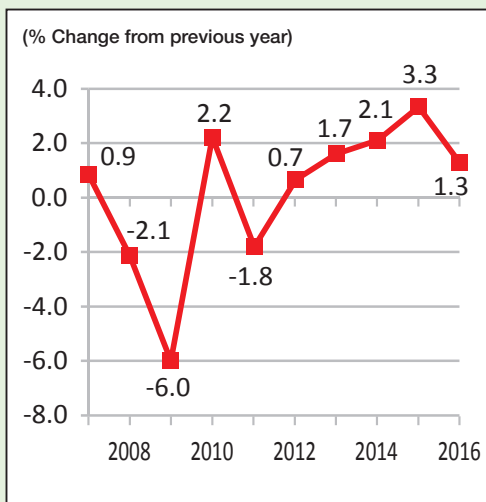
(% Change from previous year)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
U.S.	1.8	-0.3	-2.8	2.5	1.6	2.2	1.7	2.4	2.6	1.6
China	14.2	9.6	9.2	10.6	9.5	7.9	7.8	7.3	6.9	6.7
Japan	1.7	-1.1	-5.4	4.2	-0.1	1.5	2.0	0.3	1.2	1.0
Germany	3.4	0.8	-5.6	4.0	3.7	0.7	0.6	1.6	1.5	*1.8
U.K.	2.6	-0.6	-4.3	1.9	1.5	1.3	1.9	3.1	2.2	1.8
France	2.4	0.2	-2.9	2.0	2.1	0.2	0.6	0.6	1.3	1.2
India	9.8	3.9	8.5	10.3	6.6	5.5	6.5	7.2	7.9	6.8
Italy	1.5	-1.1	-5.5	1.7	0.6	-2.8	-1.7	0.1	0.8	0.9
Brazil	6.1	5.1	-0.1	7.5	4.0	1.9	3.0	0.5	-3.8	-3.6
Canada	2.1	1.0	-3.0	3.1	3.1	1.7	2.5	2.6	0.9	1.4
S. Korea	5.5	2.8	0.7	6.5	3.7	2.3	2.9	3.3	2.8	2.8

*estimate

Source: IMF <http://www.imf.org/external/pubs/ft/weo/2017/01/weodata/index.aspx>

Japan's Nominal GDP Growth Rate

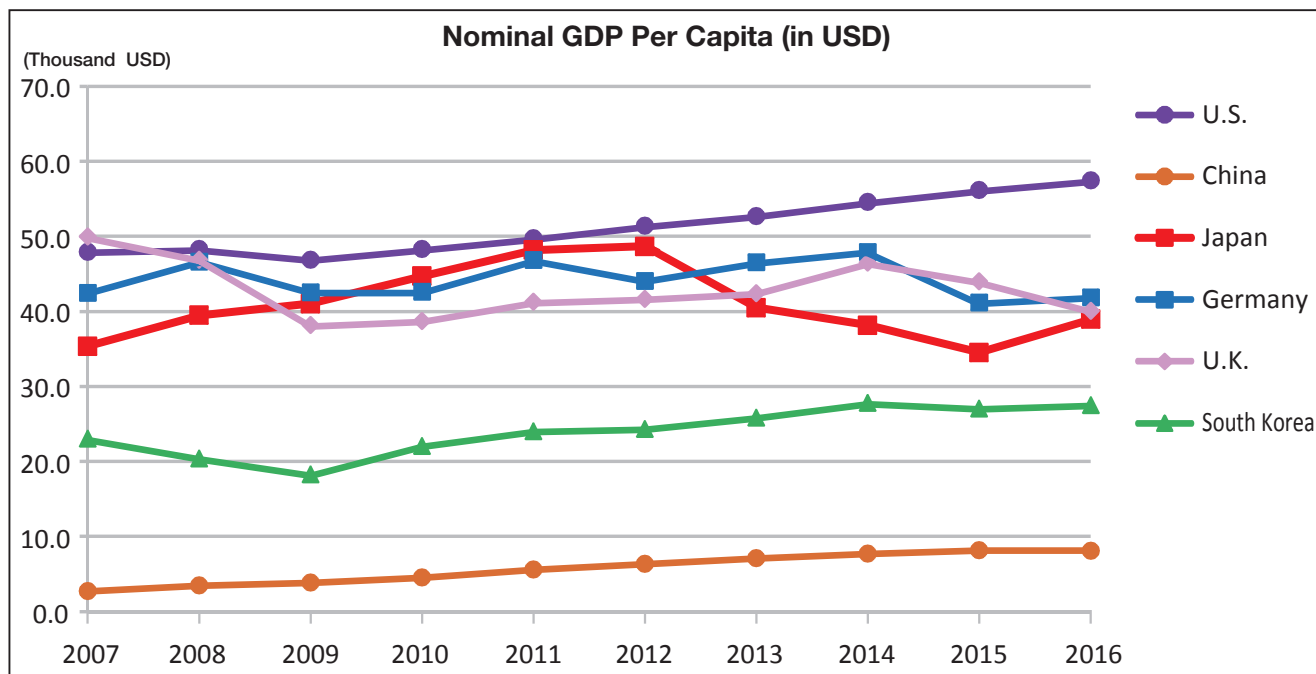


Source: Cabinet Office

http://www.esri.cao.go.jp/jp/sna/data/data_list/sokuhou/files/2016/toukei_2016.html

1-3 GDP Per Capita

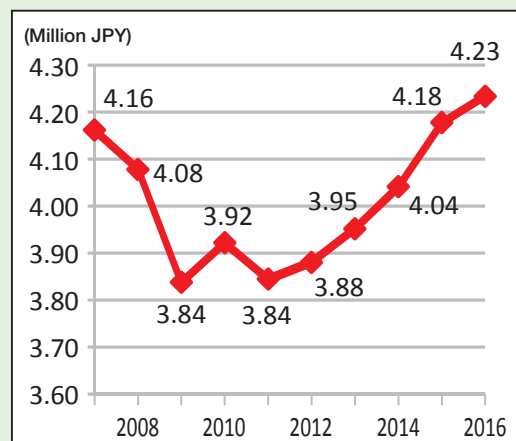
一人あたりGDP

Source: IMF <http://www.imf.org/external/pubs/ft/weo/2017/01/weodata/index.aspx>**Nominal GDP Per Capita (in USD)**

(Thousand USD)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
U.S.	48.0	48.3	46.9	48.3	49.7	51.4	52.7	54.6	56.2	57.4
China	2.7	3.5	3.8	4.5	5.6	6.3	7.1	7.7	8.2	8.1
Japan	35.3	39.5	41.0	44.7	48.2	48.6	40.5	38.1	34.5	38.9
Germany	42.5	46.7	42.6	42.6	46.9	44.1	46.5	48.0	41.2	*41.9
U.K.	50.0	46.9	38.2	38.7	41.3	41.7	42.5	46.5	44.0	*40.1
S. Korea	23.1	20.4	18.3	22.1	24.1	24.4	25.9	27.8	27.1	*27.5

*estimate

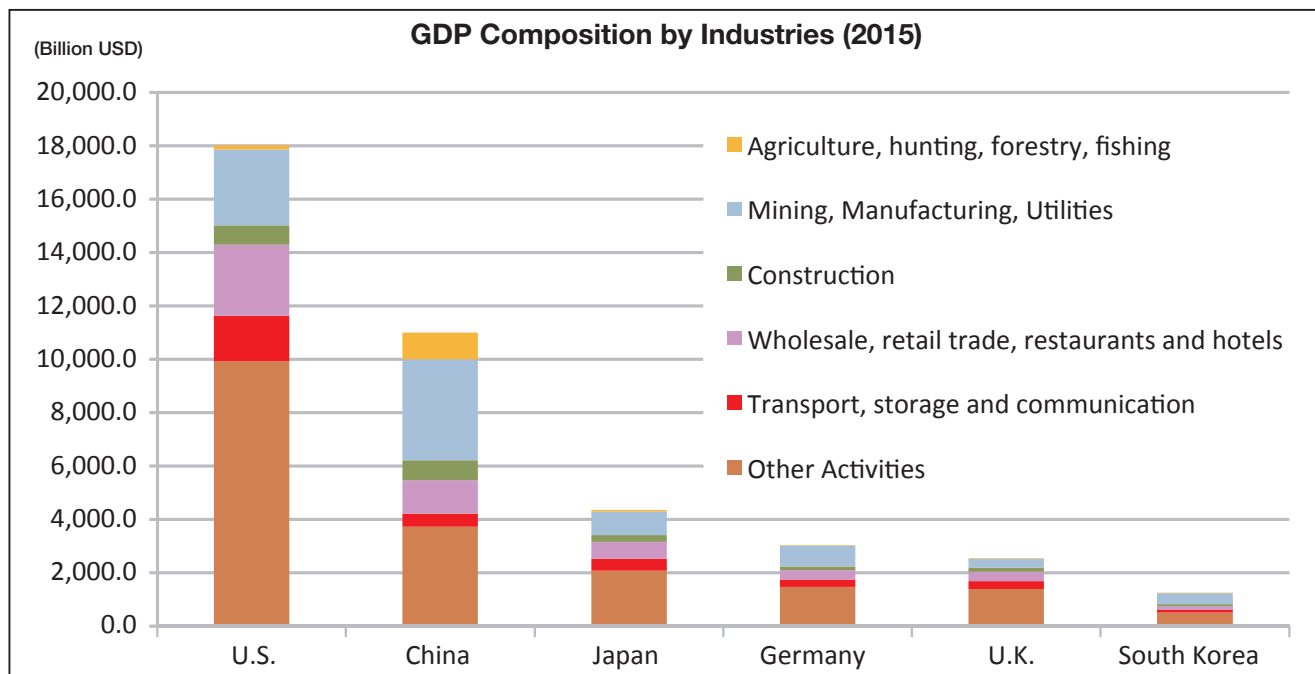
Source: IMF <http://www.imf.org/external/pubs/ft/weo/2017/01/weodata/index.aspx>**Japan's Nominal GDP Per Capita (in JPY)**

Source: IMF

<http://www.imf.org/external/pubs/ft/weo/2017/01/weodata/index.aspx>

1-4 GDP Composition by Industries

産業別GDP構成比

Source: UN <http://unstats.un.org/unsd/snaama/dnlList.asp>**GDP Composition by Industries (2015)**

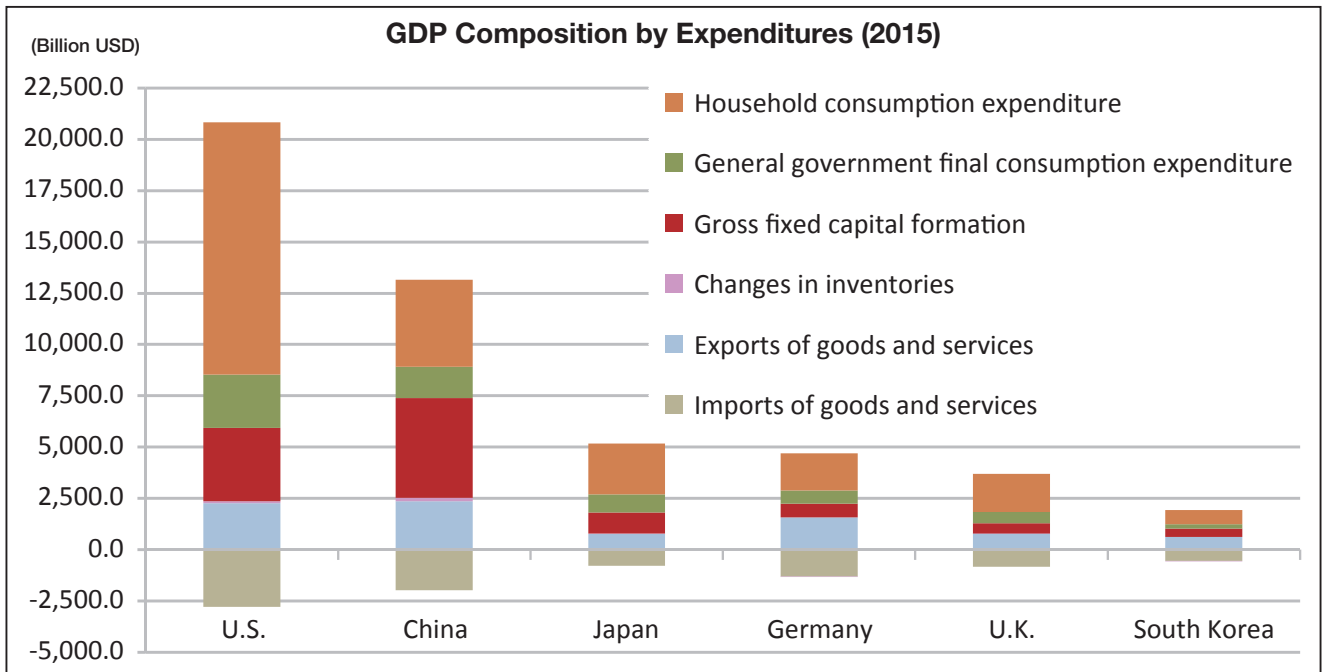
(Billion USD, % of GDP)

	Agriculture, hunting, forestry, fishing	Mining, Manufacturing, Utilities	Construction	Wholesale, retail trade, restaurants and hotels	Transport, storage and communication	Other Activities	Total
U.S.	175.2 (1.0%)	2,827.5 (15.7%)	732.1 (4.1%)	2,674.2 (14.8%)	1,702.5 (9.4%)	9,925.2 (55.0%)	18,036.6 (100%)
China	1,010.3 (9.2%)	3,776.5 (34.3%)	747.4 (6.8%)	1,258.3 (11.4%)	487.7 (4.4%)	3,727.4 (33.9%)	11,158.5 (100%)
Japan	52.0 (1.2%)	891.9 (20.5%)	257.6 (5.9%)	623.6 (14.3%)	457.4 (10.5%)	2,069.1 (47.5%)	4,383.1 (100%)
Germany	19.2 (0.6%)	784.6 (25.9%)	138.4 (4.6%)	343.6 (11.3%)	279.5 (9.2%)	1,462.1 (48.3%)	3,363.6 (100%)
U.K.	16.6 (0.7%)	338.1 (13.3%)	155.7 (6.1%)	354.7 (13.9%)	283.5 (11.1%)	1,396.9 (54.9%)	2,858.0 (100%)
S. Korea	28.9 (2.3%)	411.7 (32.9%)	64.3 (5.1%)	144.4 (11.5%)	92.1 (7.4%)	511.7 (40.8%)	1,377.9 (100%)

Source: UN <http://unstats.un.org/unsd/snaama/dnlList.asp>

1-5 GDP Composition by Expenditures

支出要素別GDP構成比

Source: UN <http://unstats.un.org/unsd/snaama/dnList.asp>**GDP Composition by Expenditures (2015)**

(Billion USD, % of GDP)

	Household consumption expenditure	General government final consumption expenditure	Gross fixed capital formation	Changes in inventories	Exports of goods and services	Imports of goods and services	Total
U.S.	12,283.7 (68.1%)	2,604.9 (14.4%)	3,576.6 (19.8%)	93.4 (0.5%)	2,264.3 (12.6%)	-2,786.3 (-15.4%)	18,036.6 (100%)
China	4,251.4 (38.1%)	1,521.6 (13.6%)	4,848.8 (43.5%)	178.4 (1.6%)	2,358.9 (21.1%)	-1,981.5 (-17.8%)	11,158.5 (100%)
Japan	2,479.1 (56.6%)	870.2 (19.9%)	1,026.9 (23.4%)	21.0 (0.5%)	773.0 (17.6%)	-787.2 (-18.0%)	4,383.1 (100%)
Germany	1,814.4 (53.9%)	647.4 (19.2%)	672.5 (20.0%)	-25.3 (-0.8%)	1,573.5 (46.8%)	-1,319.0 (-39.2%)	3,363.6 (100%)
U.K.	1,857.7 (65.0%)	554.6 (19.4%)	494.5 (17.3%)	8.2 (0.3%)	777.3 (27.2%)	-836.4 (-29.3%)	2,858.0 (100%)
S. Korea	681.8 (49.5%)	209.6 (15.2%)	402.3 (29.2%)	-9.8 (-0.7%)	632.5 (45.9%)	-536.6 (-38.9%)	1,377.9 (100%)

Source: UN <http://unstats.un.org/unsd/snaama/dnList.asp>

1-6 Gross National Income

国民総所得

Nominal Gross National Income

(Billion USD)

		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
1	U.S.	14,586	14,791	14,494	15,121	15,803	16,596	17,074	17,899	18,496	18,750
2	China	3,560	4,627	5,051	6,075	7,502	8,541	9,529	10,496	11,019	11,172
3	Japan	4,651	5,170	5,359	5,847	6,332	6,369	5,329	5,024	4,549	5,106
4	Germany	3,491	3,789	3,495	3,484	3,852	3,627	3,842	3,966	3,437	3,524
5	U.K.	3,096	2,885	2,375	2,461	2,640	2,643	2,703	2,960	2,822	2,588
6	France	2,719	2,986	2,742	2,701	2,929	2,719	2,848	2,877	2,458	2,520
7	Brazil	1,339	1,614	1,588	2,144	2,548	2,413	2,443	2,407	1,765	1,759
8	Italy	2,205	2,369	2,184	2,121	2,270	2,070	2,127	2,152	1,815	1,853
9	India	1,196	1,180	1,316	1,639	1,807	1,806	1,834	2,011	2,087	2,235
10	Russia	1,271	1,614	1,183	1,478	1,971	2,102	2,151	1,996	1,329	1,249
11	Canada	1,443	1,526	1,347	1,582	1,755	1,792	1,814	1,764	1,529	1,509
12	S. Korea	1,119	1,002	900	1,096	1,210	1,235	1,315	1,416	1,387	1,413

Note: GNI is the sum of value added by all resident producers plus any product taxes (less subsidies) not included in the valuation of output plus net receipts of primary income (compensation of employees and property income) from abroad (World Bank).

Source: World Bank <http://data.worldbank.org/indicator/NY.GNP.MKTP.CD>



1-7 Exchange Rates

為替レート

(National currencies per USD)

		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Yuan (China)	End of period	7.30	6.83	6.83	6.62	6.30	6.29	6.10	6.12	6.49	6.95
	Annual average	7.61	6.95	6.83	6.77	6.46	6.31	6.20	6.14	6.23	6.64
JPY	End of period	114.00	90.75	92.06	81.45	77.72	86.55	105.30	120.64	120.50	116.80
	Annual average	117.75	103.36	93.57	87.78	79.81	79.79	97.60	105.94	121.04	108.79
Euro	End of period	0.68	0.72	0.69	0.75	0.77	0.76	0.73	0.82	0.92	0.95
	Annual average	0.73	0.68	0.72	0.76	0.72	0.78	0.75	0.75	0.90	0.90
Won (S. Korea)	End of period	936.10	1,259.50	1,164.50	1,134.80	1,151.80	1,070.60	1,055.40	1,099.30	1,172.50	1,207.70
	Annual average	929.26	1,102.05	1,276.93	1,156.06	1,108.29	1,126.47	1,094.85	1,052.96	1,131.16	1,160.43

Source: IMF <http://data.imf.org/?sk=af1819f1-9b6c-43ec-bee4-b1b55fa54cf7&sld=1390030341854>

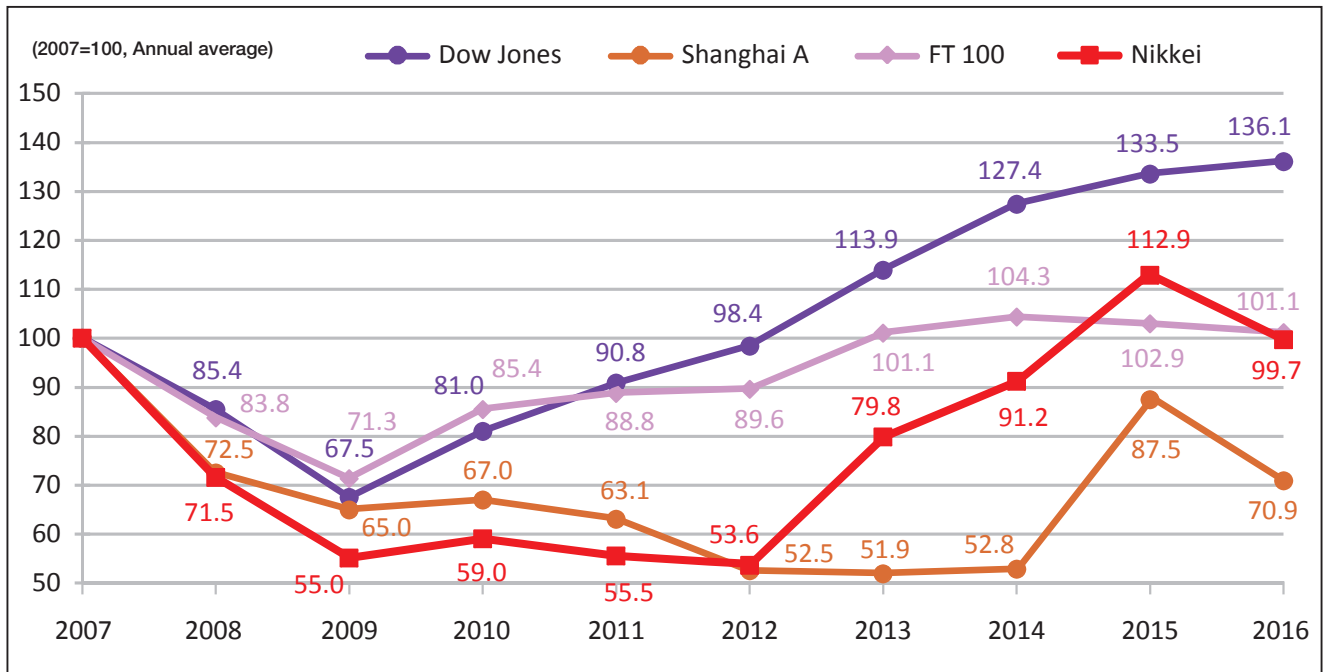
(JPY per national currencies)

		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
JPY /Yuan (China)	Annual average	15.48	14.87	13.70	12.97	12.35	12.64	15.75	17.25	17.20	16.33
JPY /Euro	Annual average	161.24	152.41	130.19	116.44	111.07	102.65	129.64	140.40	134.29	120.33
JPY /Won (S. Korea)	Annual average	0.127	0.094	0.073	0.076	0.072	0.071	0.089	0.101	0.095	0.094

Source: Cabinet Office

1-8 Stock Prices and Indices

株価・株価指数



Source: Compiled by Keizai Koho Center from Cabinet Office data.

Stock Prices and Indices

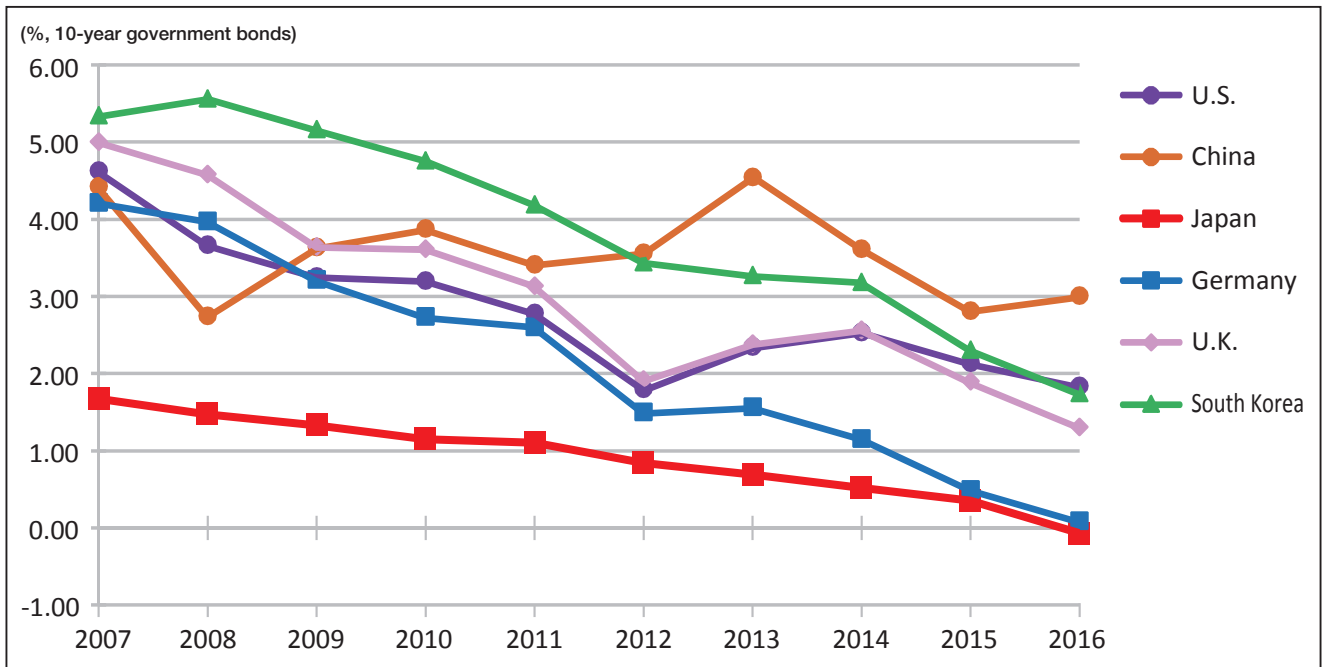
(Annual average)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Dow Jones (USD)	13,169.85	11,249.33	8,885.67	10,664.97	11,960.80	12,960.35	15,001.04	16,782.40	17,588.04	17,922.85
Shanghai A (Index)	4,427.34	3,211.76	2,875.93	2,964.66	2,793.06	2,325.53	2,299.80	2,338.44	3,873.62	3,140.55
Nikkei (JPY)	16,984.38	12,151.55	9,347.61	10,022.45	9,427.03	9,109.61	13,555.09	15,482.01	19,172.06	16,926.97
FT 100 (Index)	6,404.00	5,366.32	4,569.09	5,472.16	5,685.38	5,740.16	6,472.02	6,681.60	6,591.37	6,474.97

Source: Cabinet Office

1-9 Long-term Interest Rates

長期金利



Sources: OECD <http://stats.oecd.org/>, Ministry of Finance of People's Republic of China <http://yield.chinabond.com.cn/cbweb-czb-web/czb/moreInfo>

Long-term Interest Rates

(%, 10-year government bonds)

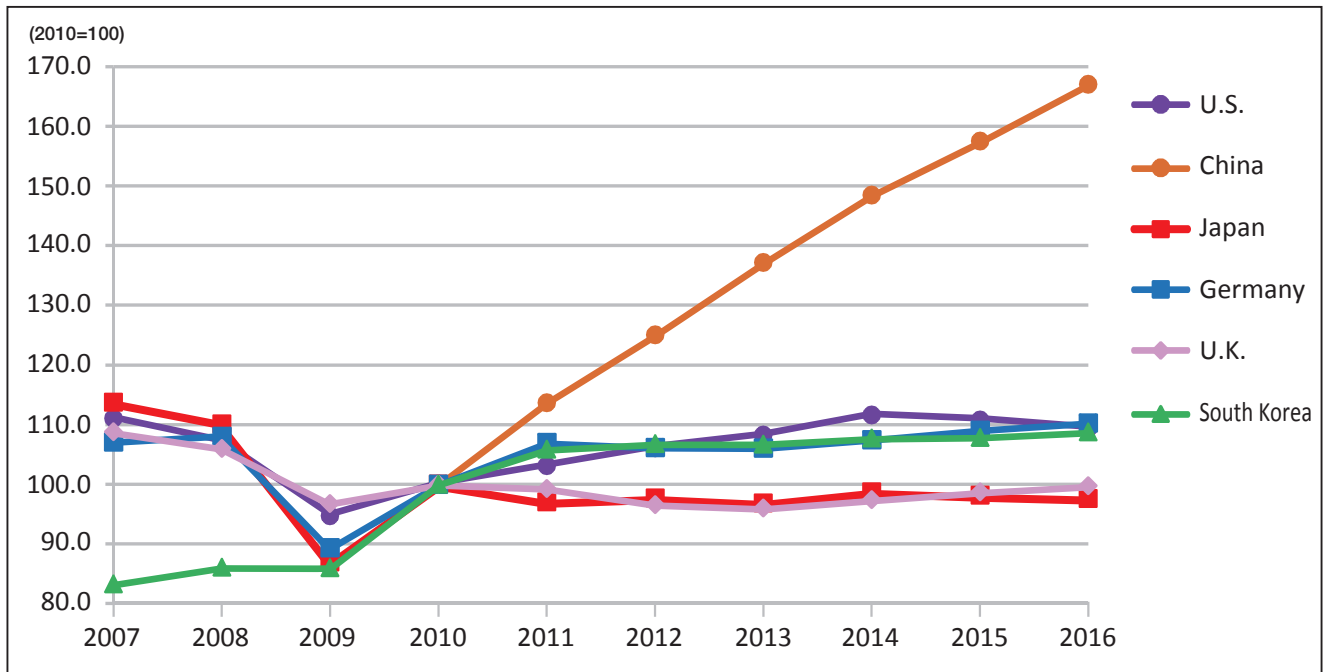
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
U.S.	4.63	3.67	3.26	3.21	2.79	1.80	2.35	2.54	2.14	1.84
China	4.43	2.75	3.64	3.88	3.42	3.57	4.55	3.62	2.82	3.01
Japan	1.67	1.47	1.33	1.15	1.10	0.84	0.69	0.52	0.35	-0.07
Germany	4.22	3.98	3.22	2.74	2.61	1.50	1.57	1.16	0.50	0.09
U.K.	5.01	4.59	3.65	3.62	3.14	1.92	2.39	2.57	1.90	1.31
S. Korea	5.35	5.57	5.17	4.77	4.20	3.45	3.28	3.19	2.31	1.75

Note: China's figures are end of period. Others are the annual average.

Sources: OECD <http://stats.oecd.org/>, Ministry of Finance of People's Republic of China <http://yield.chinabond.com.cn/cbweb-czb-web/czb/moreInfo>

1-10 Industrial Production Index

鉱工業生産指数



Source: IMF <http://data.imf.org/?sk=5DABAFF2-C5AD-4D27-A175-1253419C02D1>

Industrial Production Index

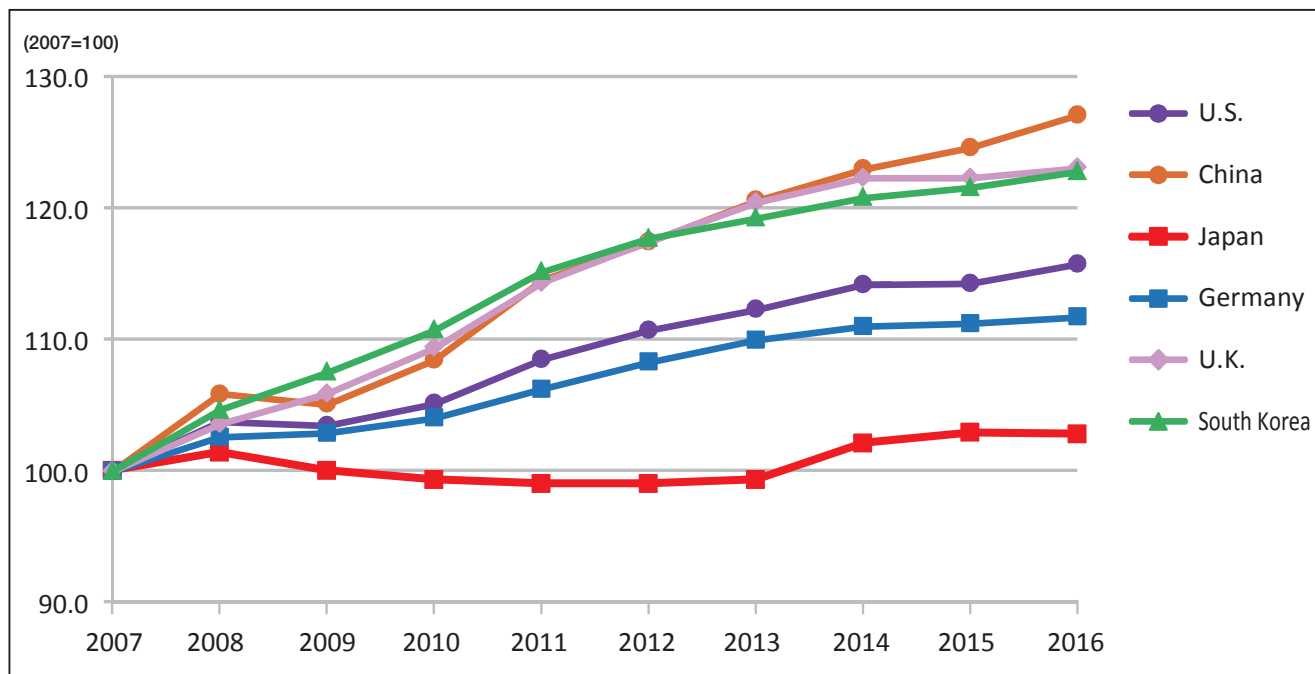
(2010=100)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
U.S.	111.0	107.1	94.7	100.0	103.1	106.1	108.2	111.6	110.8	109.4
China	N/A			100.0	113.7	125.0	137.2	148.5	157.5	167.1
Japan	113.8	110.1	87.0	100.0	97.1	97.7	96.9	98.7	98.1	97.6
Germany	107.1	108.1	89.3	100.0	107.0	106.2	106.1	107.5	109.1	110.3
U.K.	108.8	106.0	96.8	100.0	99.3	96.6	96.0	97.4	98.7	99.7
S. Korea	83.3	86.1	86.0	100.0	105.9	106.8	106.8	107.8	107.9	108.8

Source: IMF <http://data.imf.org/?sk=5DABAFF2-C5AD-4D27-A175-1253419C02D1>

1-11 Consumer Price Indices (All Items)

消費者物価指数(総合)

Source: Compiled by Keizai Koho Center from OECD data. http://stats.oecd.org/Index.aspx?DataSetCode=MEI_PRICES#

Consumer Price Indices (All Items)

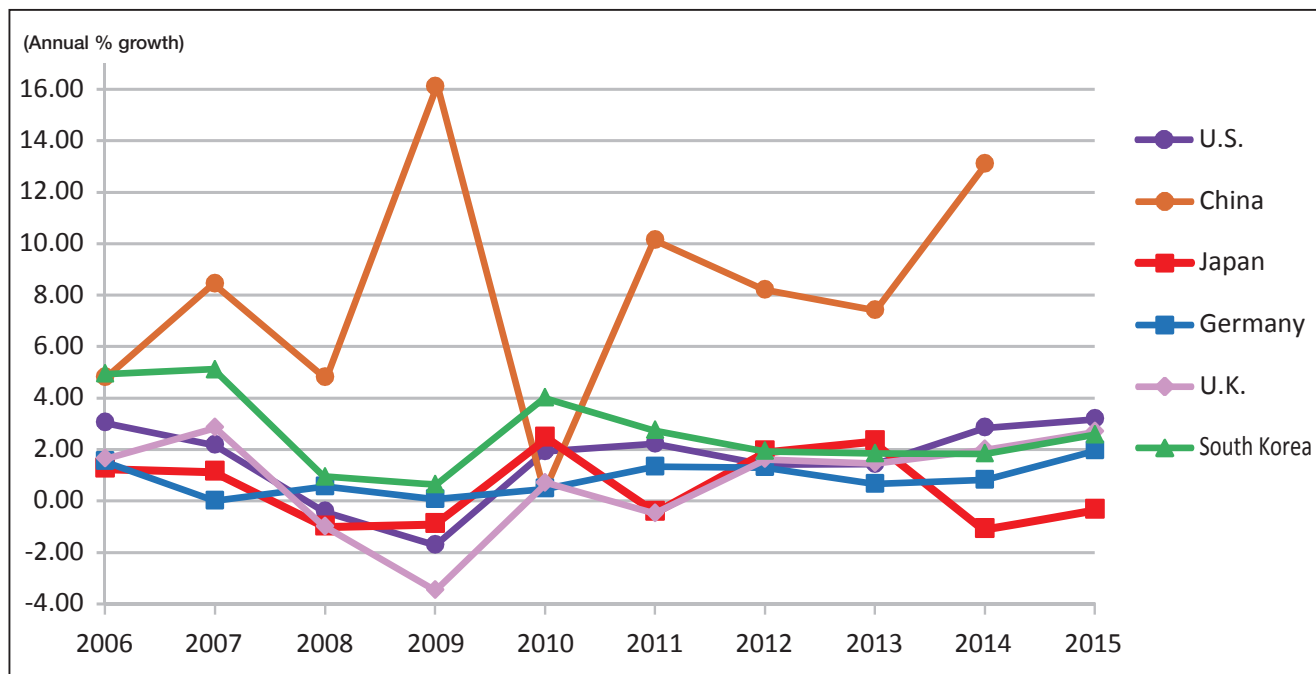
(2007=100)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
U.S.	100.0	103.8	103.5	105.2	108.5	110.7	112.3	114.2	114.3	115.8
China	100.0	105.9	105.1	108.5	114.5	117.5	120.6	123.0	124.6	127.1
Japan	100.0	101.4	100.0	99.3	99.0	99.0	99.3	102.1	102.9	102.8
Germany	100.0	102.6	102.9	104.1	106.2	108.3	110.0	111.0	111.2	111.8
U.K.	100.0	103.6	105.9	109.4	114.3	117.5	120.5	122.3	122.3	123.1
S. Korea	100.0	104.7	107.5	110.7	115.2	117.7	119.3	120.8	121.6	122.8

Source: Compiled by Keizai Koho Center from OECD data. http://stats.oecd.org/Index.aspx?DataSetCode=MEI_PRICES#

1-12 Household Final Consumption Expenditure

家計最終消費支出

Source: World Bank <http://data.worldbank.org/indicator/NE.CON.PETC.CD?display=default>

Household Final Consumption Expenditure

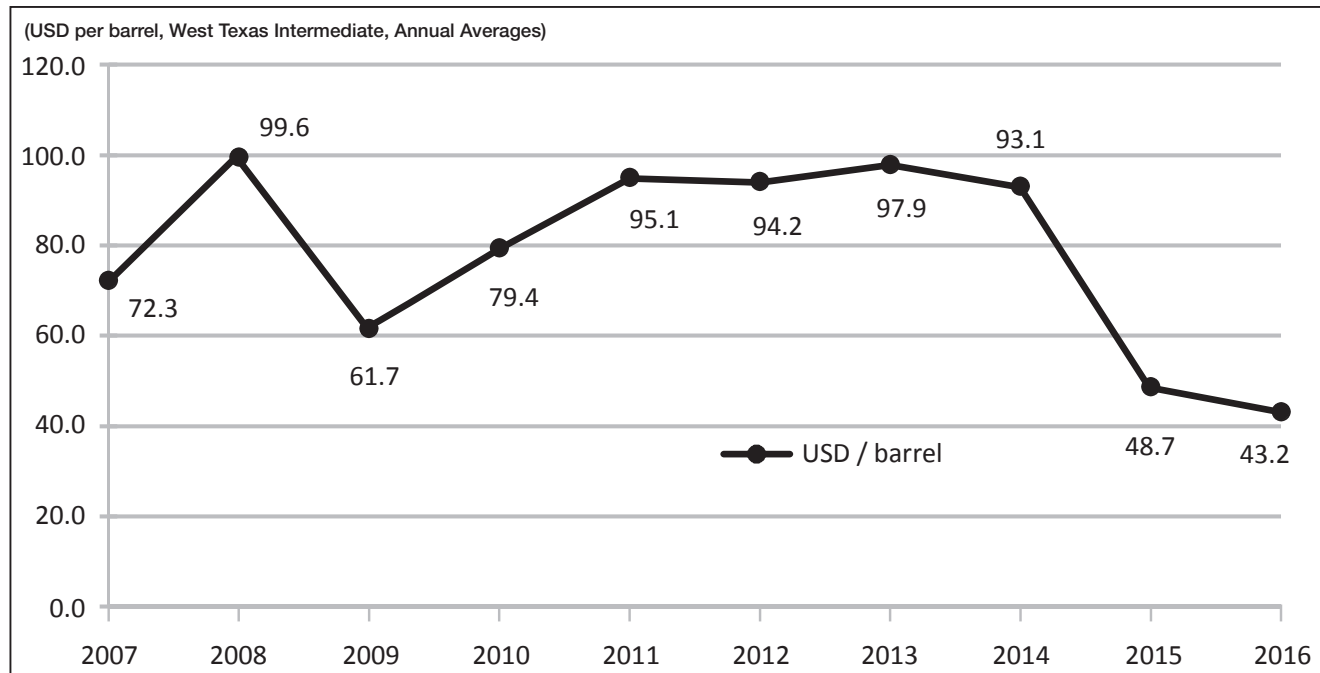
(Annual % growth)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
U.S.	3.07	2.20	-0.38	-1.68	1.96	2.25	1.45	1.46	2.87	3.21
China	4.83	8.46	4.84	16.13	0.60	10.17	8.24	7.45	13.13	N/A
Japan	1.30	1.18	-0.95	-0.85	2.50	-0.38	1.97	2.36	-1.06	-0.30
Germany	1.57	0.04	0.59	0.10	0.50	1.36	1.33	0.69	0.85	1.99
U.K.	1.67	2.87	-0.97	-3.44	0.72	-0.45	1.65	1.49	2.02	2.72
S. Korea	4.97	5.14	0.97	0.66	4.04	2.78	1.97	1.88	1.87	2.61

Source: World Bank <http://data.worldbank.org/indicator/NE.CON.PETC.CD?display=default>

1-13 Crude Oil Price

原油価格



Source: World Bank <http://www.worldbank.org/en/research/commodity-markets>

iOS	Downloads		Revenue from Downloads	
	Rank	Country	Rank	Country
	1	China	1	China
	2	U.S.	2	U.S.
	3	Japan	3	Japan
	4	U.K.	4	U.K.
	5	Russia	5	Australia

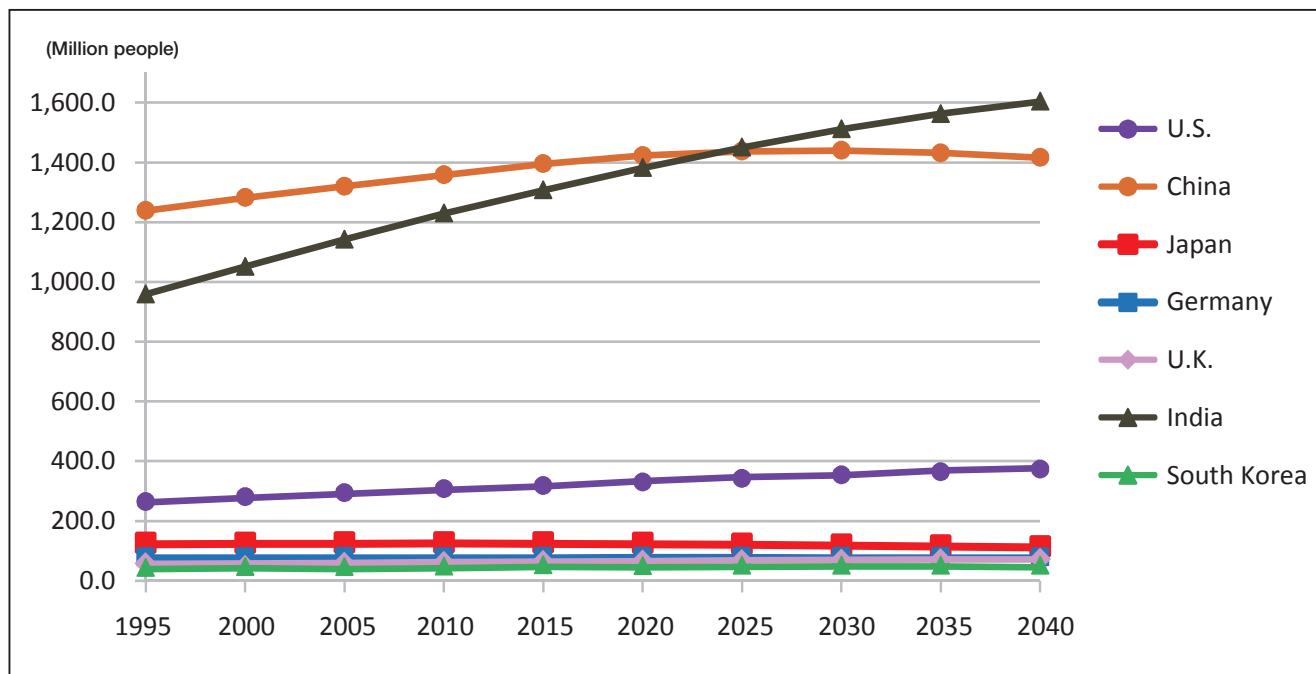
Google Play	Downloads		Revenue from Downloads	
	Rank	Country	Rank	Country
	1	India	1	Japan
	2	U.S.	2	U.S.
	3	Brazil	3	S. Korea
	4	Indonesia	4	Germany
	5	Russia	5	Taiwan

Note: Japan is out of the top 10 countries.

Source: App Annie 2016 Retrospective

2-1 Population

人口



Note: Estimates from 2020 using medium fertility variant. Source: UN <http://esa.un.org/unpd/wpp/Download/Standard/Population/>

Population

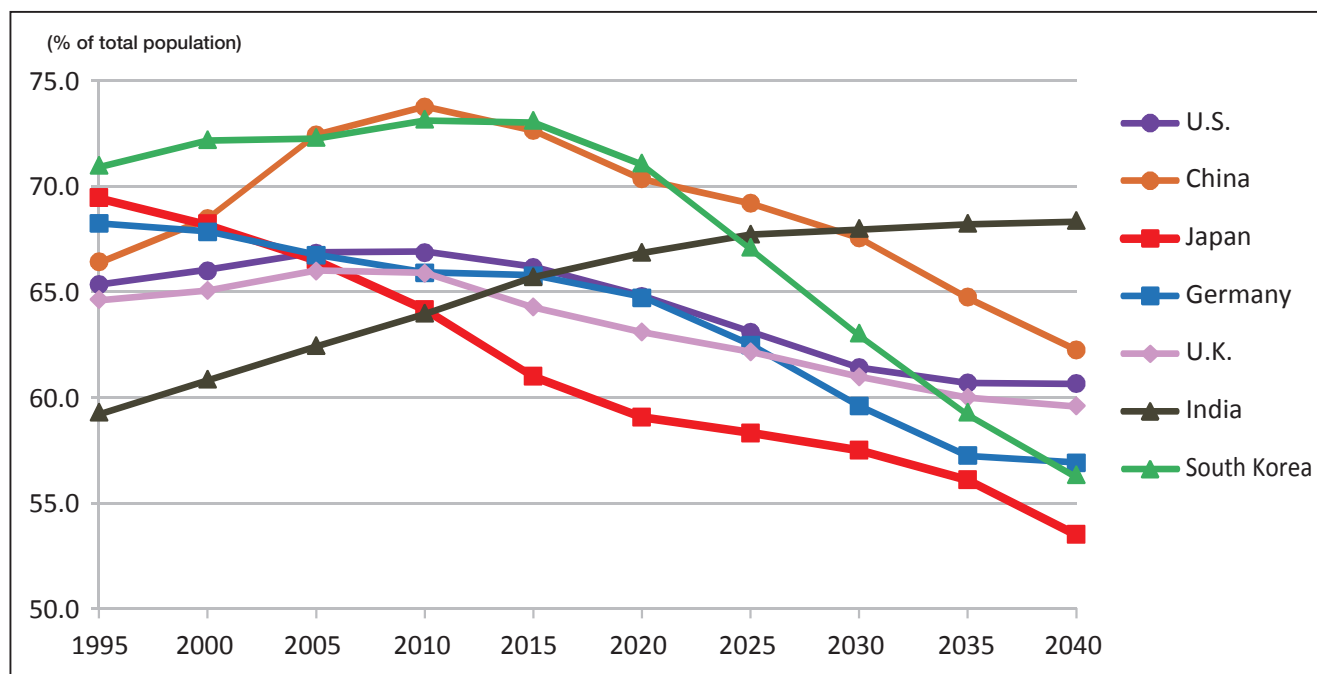
(Million people)

	1995	2000	2005	2010	2015	2020	2025	2030	2035	2040
U.S.	265.7	282.0	295.1	308.6	319.9	331.4	343.3	354.7	365.0	374.1
China	1,239.9	1,283.2	1,321.6	1,359.8	1,397.0	1,424.5	1,438.8	1,441.2	1,433.5	1,417.5
Japan	126.4	127.5	128.3	128.6	128.0	126.5	124.3	121.6	118.5	115.2
Germany	81.2	81.5	81.7	80.9	81.7	82.5	82.5	82.2	81.7	81.1
U.K.	58.0	59.0	60.3	63.3	65.4	67.3	69.1	70.6	71.9	73.1
India	960.5	1,053.1	1,144.1	1,231.0	1,309.1	1,383.2	1,451.8	1,513.0	1,564.6	1,605.4
S. Korea	45.3	47.4	48.7	49.6	50.6	51.5	52.2	52.7	52.8	52.4
World Total	5,751.5	6,145.0	6,542.2	6,958.2	7,383.0	7,795.5	8,185.6	8,551.2	8,892.7	9,210.3

Note: Estimates from 2020 using medium fertility variant. Source: UN <http://esa.un.org/unpd/wpp/Download/Standard/Population/>

2-2 Population (Ages 15-64)

人口 (15-64歳)



Note: Estimates from 2020 using medium fertility variant. Source: UN <http://esa.un.org/unpd/wpp/Download/Standard/Population/>

Population (Ages 15-64)

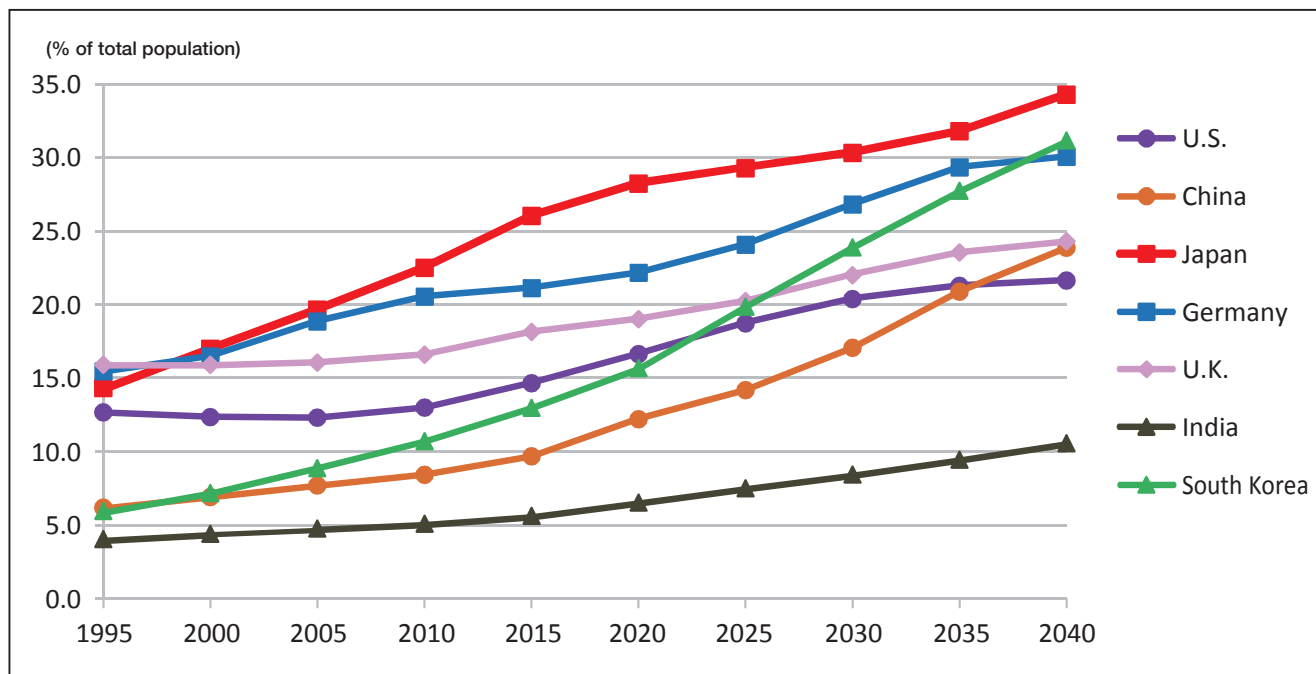
(Million people, % of total population)

	1995	2000	2005	2010	2015	2020	2025	2030	2035	2040
U.S.	173.5 (65.3%)	186.1 (66.0%)	197.2 (66.8%)	206.3 (66.9%)	211.6 (66.1%)	214.6 (64.8%)	216.5 (63.1%)	217.8 (61.4%)	221.5 (60.7%)	226.8 (60.6%)
China	823.6 (66.4%)	878.5 (68.5%)	957.0 (72.4%)	1002.8 (73.8%)	1014.8 (72.6%)	1002.2 (70.4%)	995.6 (69.2%)	973.6 (67.6%)	928.1 (64.7%)	882.1 (62.2%)
Japan	87.8 (69.5%)	87.0 (68.2%)	85.4 (66.5%)	82.5 (64.1%)	78.1 (61.0%)	74.7 (59.1%)	72.5 (58.3%)	69.9 (57.5%)	66.5 (56.1%)	61.7 (53.5%)
Germany	55.5 (68.3%)	55.3 (67.8%)	54.5 (66.7%)	53.3 (65.9%)	53.7 (65.8%)	53.4 (64.7%)	51.5 (62.5%)	49.0 (59.6%)	46.8 (57.2%)	46.1 (56.9%)
U.K.	37.5 (64.6%)	38.4 (65.1%)	39.8 (66.0%)	41.7 (65.9%)	42.0 (64.3%)	42.5 (63.1%)	42.9 (62.2%)	43.0 (61.0%)	43.1 (60.0%)	43.6 (59.6%)
India	569.7 (59.3%)	641.0 (60.9%)	714.5 (62.4%)	787.8 (64.0%)	860.1 (65.7%)	924.9 (66.9%)	983.4 (67.7%)	1028.8 (68.0%)	1067.7 (68.2%)	1097.8 (68.4%)
S. Korea	32.2 (71.0%)	34.2 (72.2%)	35.2 (72.3%)	36.3 (73.2%)	37.0 (73.1%)	36.6 (71.1%)	35.0 (67.1%)	33.2 (63.0%)	31.3 (59.3%)	29.5 (56.3%)

Note: Estimates from 2020 using medium fertility variant. Source: UN <http://esa.un.org/unpd/wpp/Download/Standard/Population/>

2-3 Population (Ages 65 and Older)

人口(65歳以上)



Note: Estimates from 2020 using medium fertility variant. Source: UN <http://esa.un.org/unpd/wpp/Download/Standard/Population/>

Population (Ages 65 and Older)

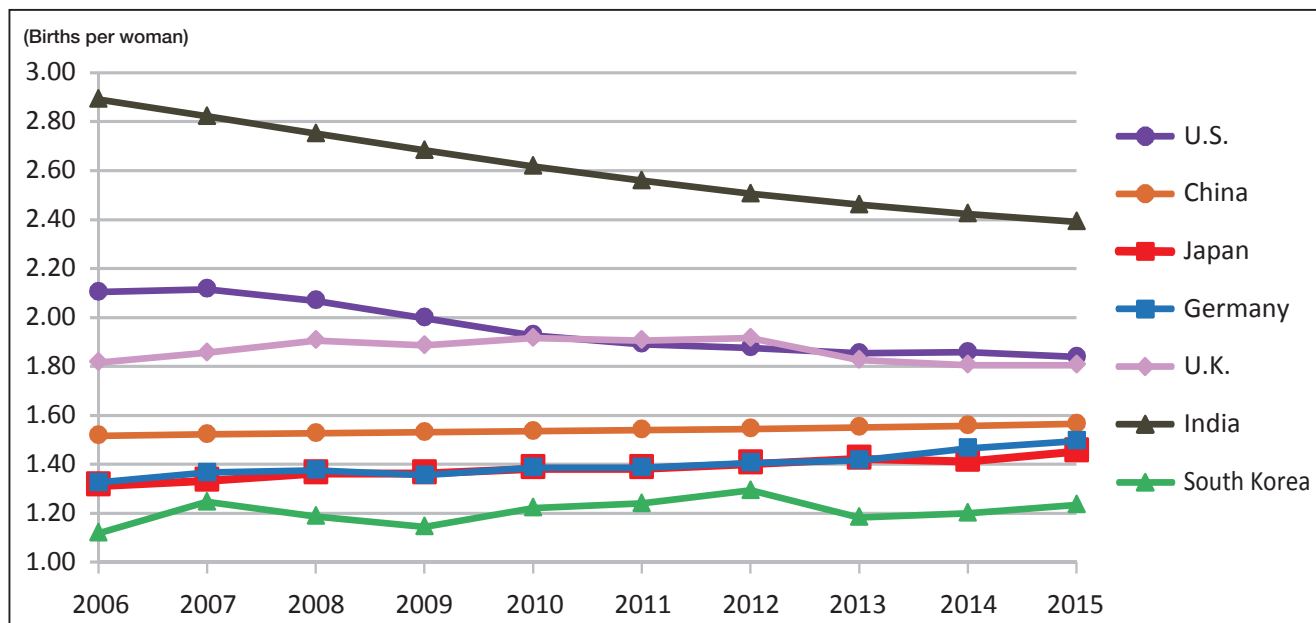
(Million people, % of total population)

	1995	2000	2005	2010	2015	2020	2025	2030	2035	2040
U.S.	33.6 (12.7%)	34.7 (12.3%)	36.3 (12.3%)	40.0 (13.0%)	46.8 (14.6%)	55.1 (16.6%)	64.2 (18.7%)	72.2 (20.4%)	77.6 (21.2%)	80.8 (21.6%)
China	76.4 (6.2%)	88.6 (6.9%)	101.7 (7.7%)	114.2 (8.4%)	135.2 (9.7%)	173.6 (12.2%)	203.7 (14.2%)	245.9 (17.1%)	299.2 (20.9%)	337.9 (23.8%)
Japan	18.1 (14.3%)	21.7 (17.0%)	25.2 (19.7%)	28.9 (22.5%)	33.3 (26.0%)	35.7 (28.2%)	36.4 (29.3%)	36.8 (30.3%)	37.6 (31.8%)	39.5 (34.2%)
Germany	12.6 (15.5%)	13.4 (16.5%)	15.4 (18.9%)	16.6 (20.5%)	17.3 (21.1%)	18.3 (22.2%)	19.8 (24.1%)	22.0 (26.8%)	24.0 (29.3%)	24.4 (30.0%)
U.K.	9.2 (15.9%)	9.4 (15.9%)	9.7 (16.0%)	10.5 (16.6%)	11.9 (18.1%)	12.8 (19.0%)	14.0 (20.2%)	15.5 (22.0%)	16.9 (23.5%)	17.8 (24.3%)
India	39.0 (4.1%)	46.3 (4.4%)	54.6 (4.8%)	62.9 (5.1%)	73.8 (5.6%)	90.6 (6.6%)	108.8 (7.5%)	128.0 (8.5%)	148.1 (9.5%)	169.8 (10.6%)
S. Korea	2.7 (6.0%)	3.4 (7.2%)	4.3 (8.9%)	5.3 (10.7%)	6.6 (13.0%)	8.1 (15.7%)	10.4 (19.9%)	12.6 (23.9%)	14.7 (27.7%)	16.3 (31.1%)

Note: Estimates from 2020 using medium fertility variant. Source: UN <http://esa.un.org/unpd/wpp/Download/Standard/Population/>

2-4 Total Fertility Rate

合計特殊出生率



Note: Total fertility rate represents the number of children that would be born to a woman if she were to live to the end of her childbearing years and bear children in accordance with age-specific fertility rates of the specified year (World Bank).

Source: World Bank <http://data.worldbank.org/indicator/SP.DYN.TFRT.IN>

Total Fertility Rate

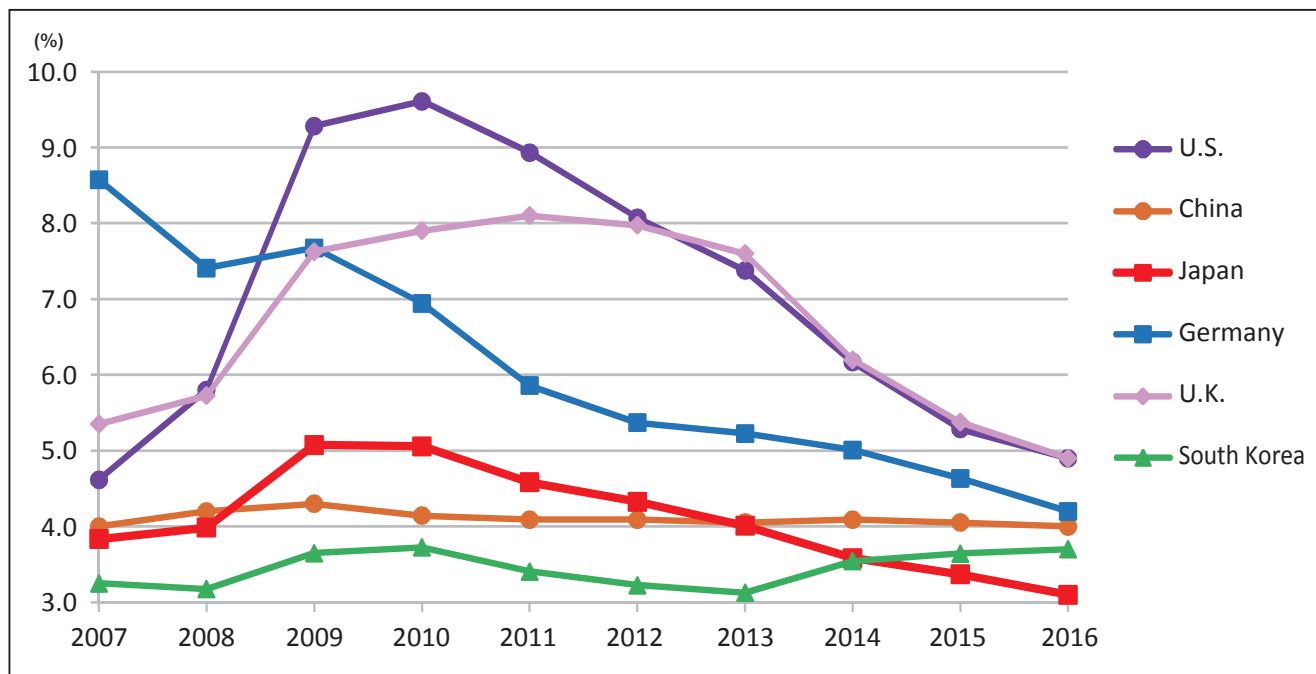
(Births per woman)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
U.S.	2.11	2.12	2.07	2.00	1.93	1.89	1.88	1.86	1.86	1.84
China	1.52	1.53	1.53	1.54	1.54	1.54	1.55	1.56	1.56	1.57
Japan	1.32	1.34	1.37	1.37	1.39	1.39	1.41	1.43	1.42	1.46
Germany	1.33	1.37	1.38	1.36	1.39	1.39	1.41	1.42	1.47	1.50
U.K.	1.82	1.86	1.91	1.89	1.92	1.91	1.92	1.83	1.81	1.81
India	2.90	2.83	2.76	2.69	2.62	2.56	2.51	2.47	2.43	2.40
S. Korea	1.12	1.25	1.19	1.15	1.23	1.24	1.30	1.19	1.21	1.24

Source: World Bank <http://data.worldbank.org/indicator/SP.DYN.TFRT.IN>

2-5 Unemployment Rate

失業率

Source: IMF <http://www.imf.org/external/pubs/ft/weo/2017/01/weodata/index.aspx>

Unemployment Rate

(%)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
U.S.	4.6	5.8	9.3	9.6	8.9	8.1	7.4	6.2	5.3	4.9
China	4.0	4.2	4.3	4.1	4.1	4.1	4.1	4.1	4.1	4.0
Japan	3.8	4.0	5.1	5.1	4.6	4.3	4.0	3.6	3.4	3.1
Germany	8.6	7.4	7.7	6.9	5.9	5.4	5.2	5.0	4.6	4.2
U.K.	5.4	5.7	7.6	7.9	8.1	8.0	7.6	6.2	5.4	4.9
S. Korea	3.3	3.2	3.7	3.7	3.4	3.2	3.1	3.5	3.6	*3.7

*estimate Source: IMF <http://www.imf.org/external/pubs/ft/weo/2017/01/weodata/index.aspx>

2-6 Employment Rate by Age and Gender

年齢・性別雇用率

(%)

Age	Country	Gender	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
15-24	U.S.	Female	51.8	50.2	47.0	45.1	44.9	45.4	46.0	47.1	48.2	48.8
		Male	54.4	52.3	46.7	44.9	46.0	46.6	46.9	48.2	49.0	50.1
	Japan	Female	41.5	41.6	40.9	40.1	40.3	38.9	40.6	40.9	40.7	42.6
		Male	41.3	40.8	38.2	37.5	38.0	37.8	38.6	39.3	39.9	41.8
	Germany	Female	43.6	44.6	44.4	44.5	46.1	44.5	45.2	44.3	44.0	44.5
		Male	47.2	48.7	47.5	47.9	49.7	48.6	48.4	47.7	46.5	46.9
25-54	U.S.	Female	72.5	72.3	70.2	69.3	69.0	69.2	69.3	70.0	70.3	71.1
		Male	87.5	86.0	81.5	81.0	81.4	82.5	82.8	83.6	84.4	85.0
	Japan	Female	67.5	67.7	67.8	68.3	69.1	69.2	70.9	72.0	72.8	74.0
		Male	92.9	92.7	91.4	91.5	91.7	91.6	91.8	92.2	92.2	92.6
	Germany	Female	74.0	74.7	75.4	76.4	77.9	78.3	78.6	78.9	79.2	79.7
		Male	86.4	87.0	86.1	86.8	88.0	88.4	88.2	88.1	88.2	88.1
55-64	U.S.	Female	56.6	57.0	56.4	56.4	55.9	56.1	56.2	56.3	56.4	56.5
		Male	67.4	67.7	65.2	64.4	64.4	65.5	66.0	66.8	67.1	67.5
	Japan	Female	51.3	51.9	51.8	52.2	52.7	52.5	54.3	56.1	58.0	59.7
		Male	81.5	81.5	80.0	79.1	79.2	78.9	79.9	81.6	82.5	83.6
	Germany	Female	43.4	46.0	48.6	50.7	53.2	55.0	57.7	60.0	61.2	63.6
		Male	59.4	61.7	63.8	65.2	67.1	68.6	69.9	71.4	71.3	73.7

Note: 2011 results for Japan excludes 3 prefectures (Iwate, Miyagi and Fukushima) from March-August 2011. For time series comparison, the corresponding figures 2010 are also compiled on the basis excluding the 3 prefectures.

Source: OECD <http://stats.oecd.org/Index.aspx?DataSetCode=STLABOUR#>



2-7 Part-time Employment Rate by Age and Gender

年齢・性別短時間雇用率

(%)

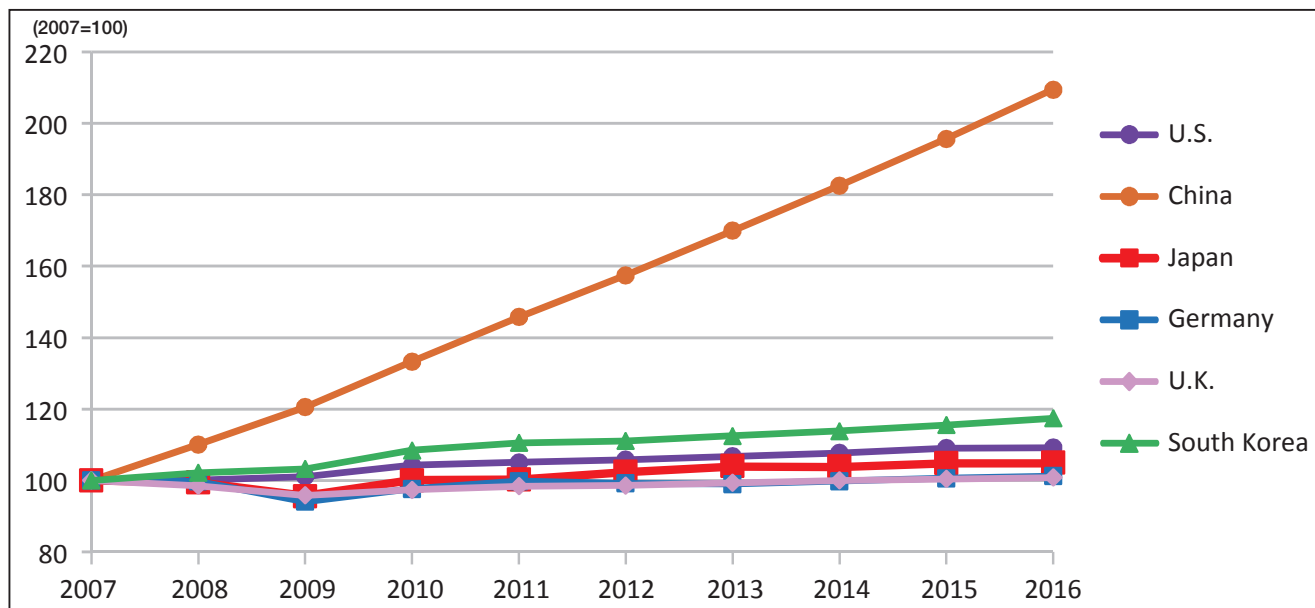
Age	Country	Gender	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
15-24	U.S.	Female	40.3	40.5	44.0	43.2	42.8	43.7	41.9	42.3	41.5	41.3
		Male	28.0	30.0	32.6	33.0	33.2	31.9	31.7	30.7	31.7	31.2
	Japan	Female	27.4	27.2	29.4	30.5	32.3	31.4	33.6	35.2	35.2	35.6
		Male	23.7	24.5	25.4	27.5	26.6	28.5	29.2	29.9	29.9	30.6
	Germany	Female	22.9	23.0	22.8	21.9	24.1	24.5	25.5	25.2	26.4	27.1
		Male	14.2	14.9	14.5	13.7	15.0	15.5	17.1	16.7	17.4	18.3
25-54	U.S.	Female	12.1	12.2	13.6	13.1	12.8	12.7	12.3	12.4	11.9	12.1
		Male	2.7	2.9	4.1	3.9	4.0	3.8	4.0	3.8	3.6	3.6
	Japan	Female	29.8	30.4	30.5	30.2	30.6	30.6	32.1	33.1	32.5	32.4
		Male	3.8	4.5	5.0	4.5	4.5	4.4	4.9	5.4	5.3	4.9
	Germany	Female	40.1	39.3	39.1	39.1	38.6	38.2	37.9	37.0	36.7	36.0
		Male	5.5	5.4	5.6	5.6	5.7	5.6	5.8	5.9	5.9	5.8
55-64	U.S.	Female	15.4	15.5	15.3	15.1	15.8	15.5	14.5	15.0	14.6	14.4
		Male	6.1	5.9	6.7	6.4	5.8	6.0	5.8	5.4	5.3	5.7
	Japan	Female	38.3	38.9	40.0	40.5	41.8	41.5	43.2	43.7	42.5	42.4
		Male	9.8	10.2	11.0	11.3	11.1	10.9	12.1	12.5	11.6	10.8
	Germany	Female	44.4	43.7	42.7	42.0	42.6	41.9	42.2	41.4	41.1	40.9
		Male	8.6	8.2	8.3	8.1	8.9	9.2	9.2	9.3	9.2	9.1

Notes: Germany and Japan data utilize total employment statistics. U.S. data utilizes dependent employment statistics. Dependent employment refers to wage and salary workers.

Source: OECD <http://stats.oecd.org/Index.aspx?DataSetCode=STLABOUR#>

2-8 Labor Productivity and Index

労働生産性・指数



Notes: Labor productivity per person employed in 2016 USD (converted to 2016 price level with updated 2011 PPPs).

Labor productivity is defined as real output in national currency per hour worked.

Source: Compiled by Keizai Koho Center from Conference Board Total Economy Database™ (Adjusted version), May 2017.

<https://www.conference-board.org/data/economydatabase/index.cfm?id=27762>

Labor Productivity and Index

(USD)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
U.S.	111,013	111,118	112,192	115,721	116,674	117,466	118,492	119,561	121,046	121,244
(2007=100)	100.0	100.1	101.1	104.2	105.1	105.8	106.7	107.7	109.0	109.2
China	13,423	14,771	16,177	17,891	19,572	21,135	22,811	24,508	26,268	28,112
(2007=100)	100.0	110.0	120.5	133.3	145.8	157.5	169.9	182.6	195.7	209.4
Japan	74,643	74,240	71,327	74,718	74,869	76,464	77,680	77,577	78,307	78,385
(2007=100)	100.0	99.5	95.6	100.1	100.3	102.4	104.1	103.9	104.9	105.0
Germany	89,580	89,373	84,277	87,442	89,428	88,834	88,705	89,415	90,119	90,665
(2007=100)	100.0	99.8	94.1	97.6	99.8	99.2	99.0	99.8	100.6	101.2
U.K.	86,495	85,227	82,858	84,237	85,078	85,266	85,889	86,474	86,849	87,178
(2007=100)	100.0	98.5	95.8	97.4	98.4	98.6	99.3	100.0	100.4	100.8
S. Korea	62,368	63,739	64,386	67,639	68,927	69,261	70,169	71,005	72,038	73,231
(2007=100)	100.0	102.2	103.2	108.5	110.5	111.1	112.5	113.8	115.5	117.4

Notes: Labor productivity per person employed in 2016 USD (converted to 2016 price level with updated 2011 PPPs).

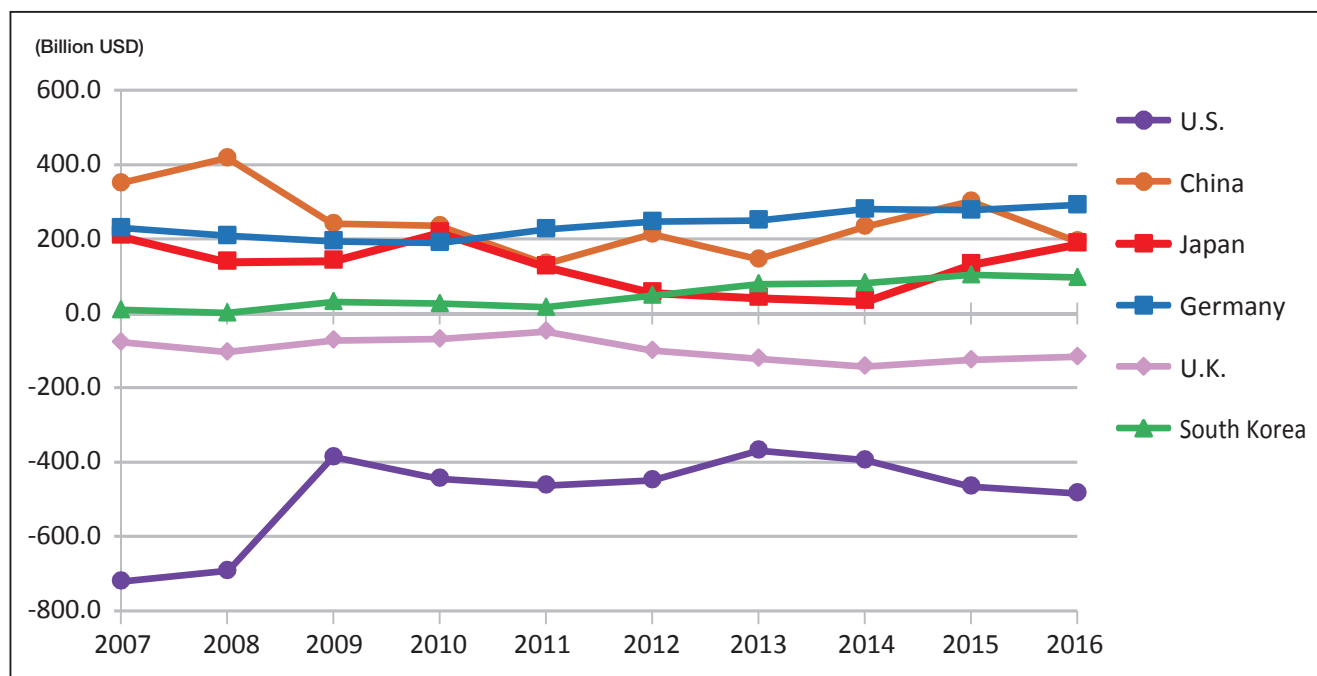
Labor productivity is defined as real output in national currency per hour worked.

Source: Compiled by Keizai Koho Center from Conference Board Total Economy Database™ (Adjusted version), May 2017.

<https://www.conference-board.org/data/economydatabase/index.cfm?id=27762>

3-1 Current Account Balance

經常収支

Source: IMF <http://www.imf.org/external/pubs/ft/weo/2017/01/weodata/index.aspx>

Current Account Balance

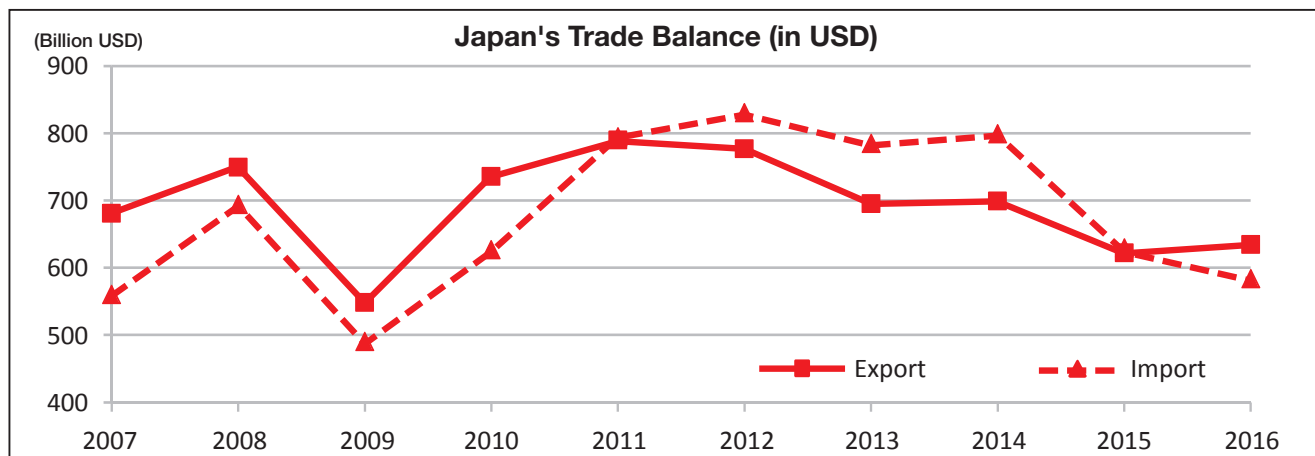
(Billion USD)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
U.S.	-718.6	-690.8	-384.0	-442.0	-460.4	-446.5	-366.4	-392.1	-463.0	-481.2
China	353.2	420.6	243.3	237.8	136.1	215.4	148.2	236.0	304.2	196.4
Japan	212.1	142.6	145.3	221.0	129.8	59.7	45.9	36.5	135.6	191.0
Germany	232.5	210.9	196.7	192.3	229.0	248.9	252.9	282.9	280.3	*294.3
U.K.	-75.0	-101.9	-70.1	-66.6	-46.6	-97.4	-119.6	-140.0	-122.7	-114.5
S. Korea	11.8	3.2	33.6	28.9	18.7	50.8	81.1	84.4	105.9	98.7

*estimate Source: IMF <http://www.imf.org/external/pubs/ft/weo/2017/01/weodata/index.aspx>

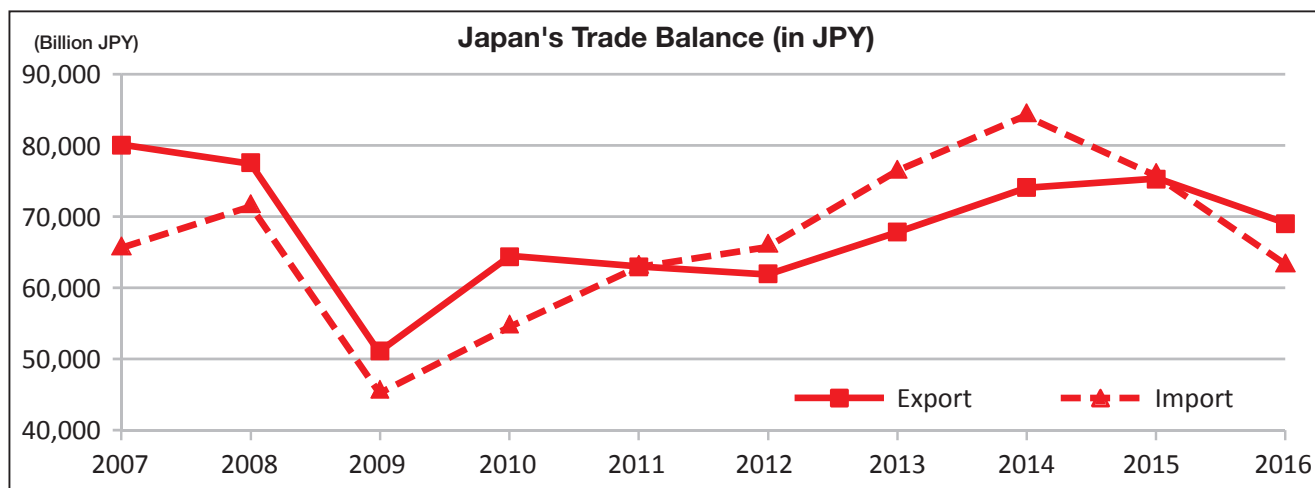
3-2 Trade Balance (Japan)

貿易収支(日本)



(Billion USD)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Export	681	749	548	735	790	777	695	699	622	635
Import	560	694	490	627	794	830	785	799	629	584
Balance	121	55	58	109	-4	-53	-90	-100	-7	51

Source: IMF <http://data.imf.org/?sk=7A51304B-6426-40C0-83DD-CA473CA1FD52&sl=1390030341854>

(Billion JPY)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Export	80,024	77,611	51,122	64,391	62,965	61,957	67,829	74,075	75,274	68,980
Import	65,836	71,808	45,734	54,875	63,296	66,229	76,602	84,540	76,160	63,455
Balance	14,187	5,803	5,388	9,516	-330	-4,272	-8,773	-10,465	-886	5,525

Source: Ministry of Finance http://www.mof.go.jp/international_policy/reference/balance_of_payments/bpnet.htm

3-3 Japan's Major Trading Partners

日本の主な貿易相手

(Billion JPY)

Exports

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
World	83,931.4	81,018.1	54,170.6	67,399.6	65,546.5	63,747.6	69,774.2	73,093.0	75,613.9	70,035.8
1	U.S. 16,896.2	U.S. 14,214.3	China 10,235.6	China 13,085.6	China 12,902.2	China 11,509.1	U.S. 12,928.2	U.S. 13,649.3	U.S. 15,224.6	U.S. 14,142.9
2	China 12,839.0	China 12,949.9	U.S. 8,733.4	U.S. 10,374.0	U.S. 10,017.7	U.S. 11,188.4	China 12,625.2	China 13,381.5	China 13,223.4	China 12,361.4
3	S. Korea 6,384.0	S. Korea 6,168.3	S. Korea 4,409.7	S. Korea 5,460.2	S. Korea 5,269.1	S. Korea 4,911.3	S. Korea 5,511.8	S. Korea 5,455.9	S. Korea 5,326.6	S. Korea 5,020.4
4	Taiwan 5,274.3	Taiwan 4,781.6	Taiwan 3,398.7	Taiwan 4,594.2	Taiwan 4,057.7	Taiwan 3,673.2	Taiwan 4,060.8	Taiwan 4,231.6	Taiwan 4,472.5	Taiwan 4,267.7
5	Hong Kong 4,571.7	Hong Kong 4,177.8	Hong Kong 2,975.1	Hong Kong 3,704.8	Hong Kong 3,419.8	Thailand 3,488.9	Hong Kong 3,651.3	Hong Kong 4,039.3	Hong Kong 4,236.0	Hong Kong 3,651.5
6	Thailand 3,009.3	Thailand 3,051.5	Thailand 2,069.7	Thailand 2,993.7	Thailand 2,988.5	Hong Kong 3,276.2	Thailand 3,507.2	Thailand 3,319.8	Thailand 3,386.3	Thailand 2,974.4
7	Germany 2,659.7	Singapore 2,757.6	Singapore 1,933.2	Singapore 2,209.1	Singapore 2,170.1	Singapore 1,859.4	Singapore 2,047.3	Singapore 2,225.2	Singapore 2,402.6	Singapore 2,154.6
8	Singapore 2,566.1	Germany 2,483.7	Germany 1,553.5	Germany 1,776.6	Germany 1,871.4	Germany 1,660.0	Germany 1,850.2	Germany 2,017.9	Germany 1,964.8	Germany 1,917.1
9	Netherlands 2,180.9	Netherlands 2,185.1	Netherlands 1,260.3	Malaysia 1,544.6	Malaysia 1,496.1	Indonesia 1,618.7	Indonesia 1,661.8	Indonesia 1,560.5	Australia 1,554.9	Australia 1,532.1
10	U.K. 1,917.0	Australia 1,793.3	Malaysia 1,200.1	Netherlands 1,430.5	Netherlands 1,428.9	Australia 1,470.8	Australia 1,655.6	Australia 1,501.2	Vietnam 1,516.4	U.K. 1,483.4

Source: Ministry of Finance http://www.customs.go.jp/toukei/suii/html/time_latest.htm

(Billion JPY)

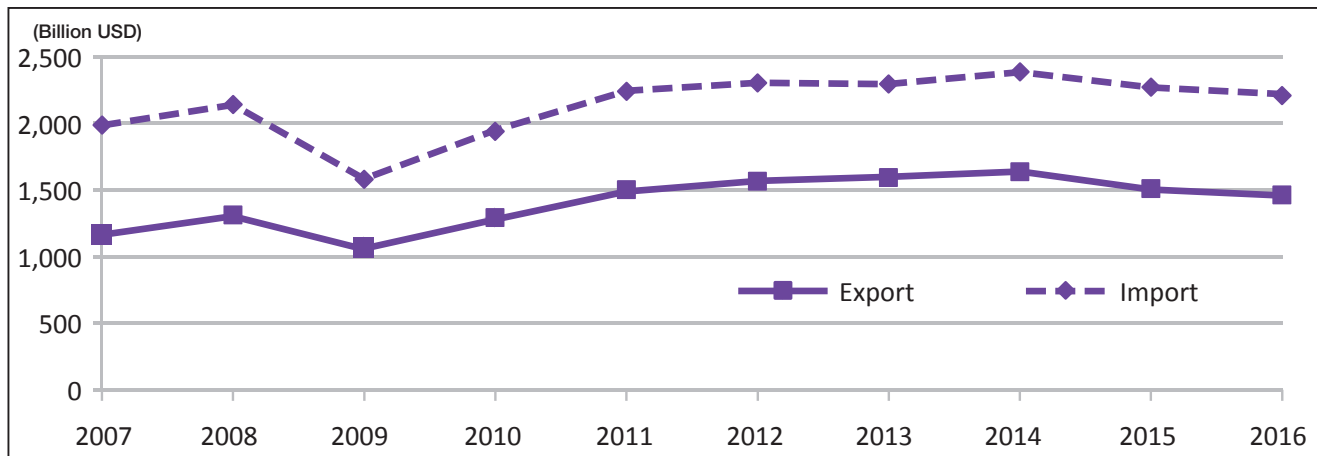
Imports

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
World	73,135.9	78,954.7	51,499.4	60,765.0	68,111.2	70,688.6	81,242.5	85,909.1	78,405.5	66,042.0
1	China 15,035.5	China 14,830.4	China 11,436.0	China 13,413.0	China 14,641.9	China 15,038.8	China 17,660.0	China 19,176.5	China 19,428.8	China 17,019.0
2	U.S. 8,348.7	U.S. 8,039.6	U.S. 5,512.3	U.S. 5,911.4	U.S. 5,931.4	U.S. 6,082.1	U.S. 6,814.8	U.S. 7,542.7	U.S. 8,059.8	U.S. 7,322.1
3	Saudi Arabia 4,147.5	Saudi Arabia 5,292.7	Australia 3,242.3	Australia 3,948.2	Australia 4,513.9	Australia 4,503.6	Australia 4,976.9	Australia 5,089.7	Australia 4,210.0	Australia 3,321.1
4	UAE 3,803.7	Australia 4,921.6	Saudi Arabia 2,719.7	Saudi Arabia 3,149.4	Saudi Arabia 4,025.8	Saudi Arabia 4,376.0	Saudi Arabia 4,863.3	Saudi Arabia 5,015.3	S. Korea 3,243.9	S. Korea 2,722.1
5	Australia 3,673.2	UAE 4,871.9	UAE 2,114.6	UAE 2,568.8	UAE 3,413.1	UAE 3,509.5	UAE 4,147.8	UAE 4,399.8	Saudi Arabia 3,035.3	Taiwan 2,495.3
6	S. Korea 3,209.6	Indonesia 3,378.0	S. Korea 2,051.0	S. Korea 2,504.0	S. Korea 3,170.1	S. Korea 3,233.7	Qatar 3,604.4	Qatar 3,537.5	UAE 2,846.2	Germany 2,394.5
7	Indonesia 3,116.6	S. Korea 3,052.0	Indonesia 2,037.6	Indonesia 2,476.2	Indonesia 2,716.0	Qatar 2,863.1	S. Korea 3,493.1	S. Korea 3,531.3	Taiwan 2,817.4	Thailand 2,189.7
8	Taiwan 2,334.5	Qatar 2,752.2	Taiwan 1,710.7	Taiwan 2,024.6	Malaysia 2,425.7	Malaysia 2,621.3	Malaysia 2,901.2	Malaysia 3,086.7	Malaysia 2,601.6	Saudi Arabia 2,124.9
9	Germany 2,283.6	Malaysia 2,397.6	Germany 1,563.4	Malaysia 1,987.4	Qatar 2,395.4	Indonesia 2,576.4	Indonesia 2,813.0	Indonesia 2,715.6	Thailand 2,471.8	Indonesia 1,988.9
10	Thailand 2,153.6	Taiwan 2,258.2	Malaysia 1,558.4	Qatar 1,904.0	Thailand 1,953.2	Germany 1,971.7	Germany 2,324.6	Russia 2,618.5	Germany 2,454.2	UAE 1,880.2

Source: Ministry of Finance http://www.customs.go.jp/toukei/suii/html/time_latest.htm

3-4 Trade Balance (U.S.)

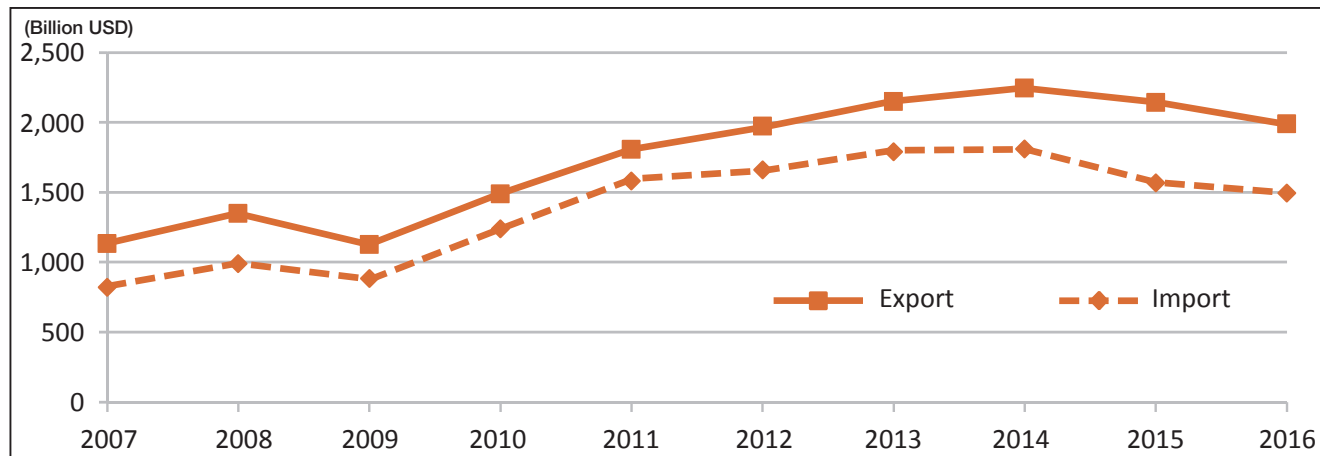
貿易収支(米国)



(Billion USD)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Export	1,165	1,309	1,070	1,290	1,499	1,563	1,592	1,633	1,510	1,460
Import	1,986	2,141	1,580	1,939	2,240	2,304	2,294	2,385	2,273	2,210
Balance	-821	-832	-510	-649	-741	-741	-702	-752	-763	-750

Source: IMF <http://data.imf.org/?sk=7A51304B-6426-40C0-83DD-CA473CA1FD52>



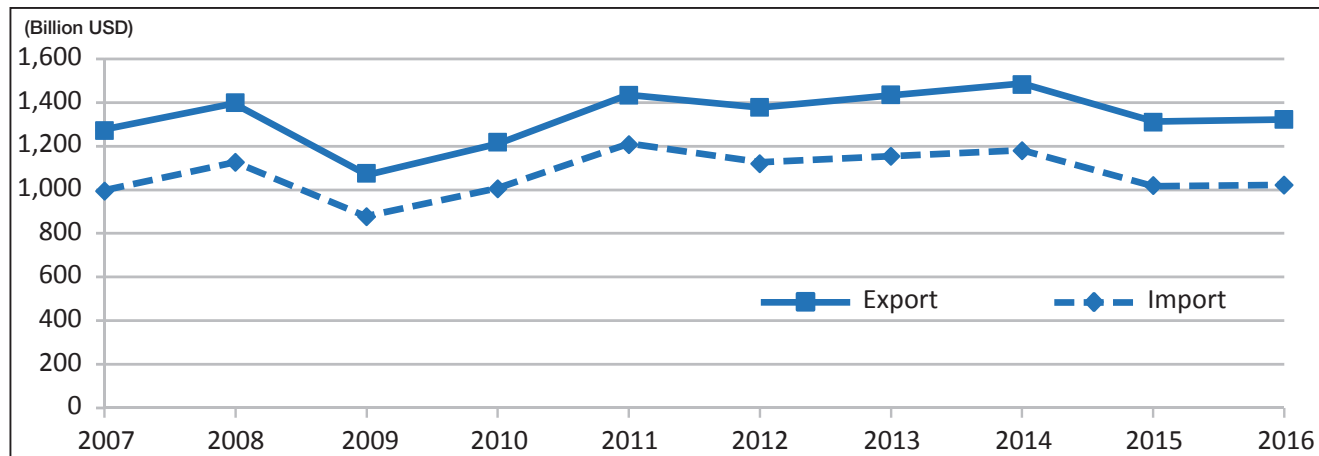
(Billion USD)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Export	1,132	1,350	1,127	1,486	1,808	1,974	2,149	2,244	2,143	1,990
Import	820	990	884	1,240	1,579	1,662	1,790	1,809	1,567	1,495
Balance	312	360	244	246	229	312	359	435	576	494

Source: IMF <http://data.imf.org/?sk=7A51304B-6426-40C0-83DD-CA473CA1FD52>

3-6 Trade Balance (Germany)

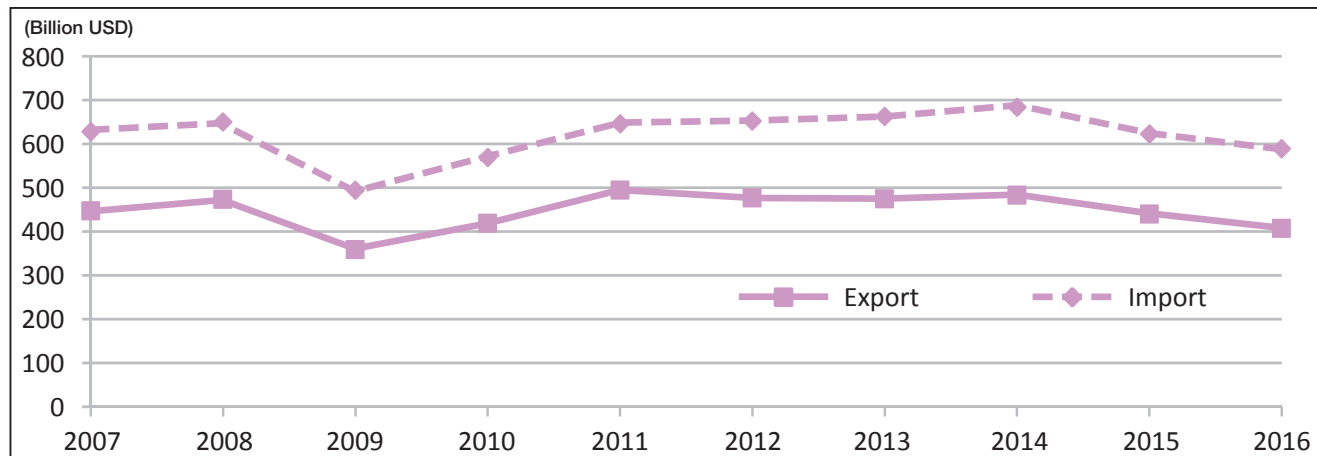
貿易収支(ドイツ)



(Billion USD)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Export	1,271	1,398	1,074	1,217	1,433	1,377	1,435	1,481	1,308	1,322
Import	994	1,125	876	1,003	1,206	1,120	1,152	1,179	1,018	1,022
Balance	277	274	198	214	227	257	282	303	290	301

Source: IMF <http://data.imf.org/?sk=7A51304B-6426-40C0-83DD-CA473CA1FD52>



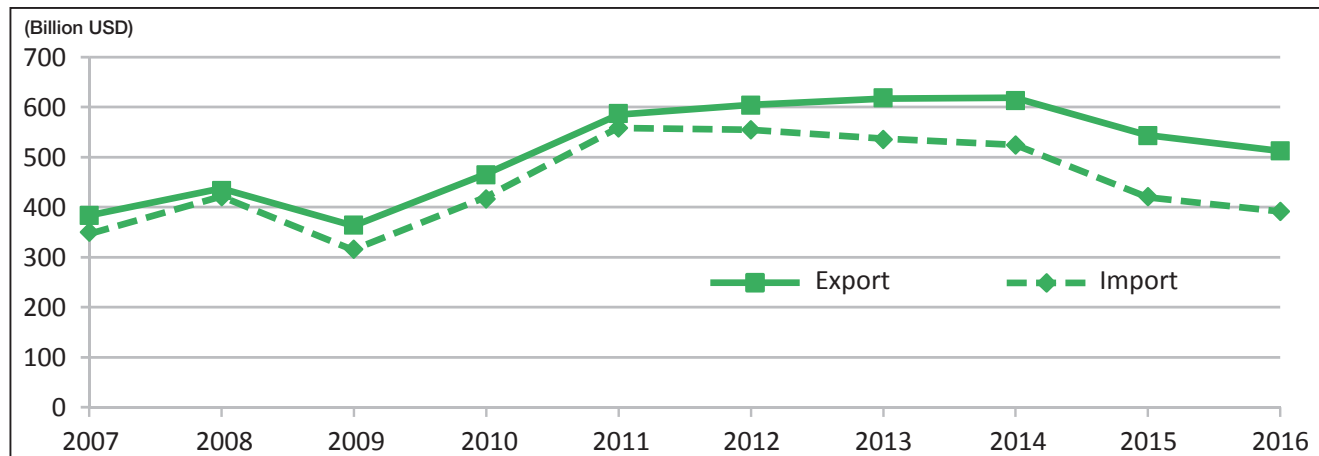
(Billion USD)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Export	447	473	359	418	494	476	474	482	439	407
Import	628	650	494	569	646	652	663	684	622	588
Balance	-181	-177	-135	-151	-152	-175	-189	-202	-183	-181

Source: IMF <http://data.imf.org/?sk=7A51304B-6426-40C0-83DD-CA473CA1FD52>

3-8 Trade Balance (South Korea)

貿易収支(韓国)

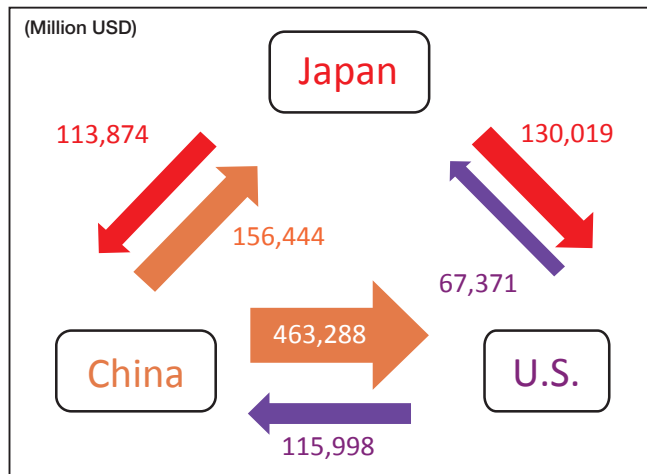


(Billion USD)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Export	383	433	364	464	587	604	618	613	543	512
Import	350	421	316	416	558	554	535	524	421	391
Balance	33	12	48	48	29	49	83	89	122	120

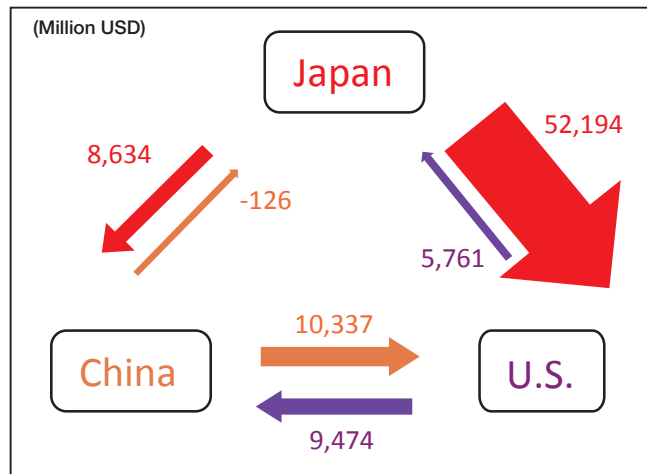
Source: IMF <http://data.imf.org/?sk=7A51304B-6426-40C0-83DD-CA473CA1FD52>

Trade (2016)



Sources: U.S.-China data is from the U.S. Department of Commerce.
<http://bea.gov/international/index.htm>
 Other data is from the Ministry of Finance compiled by JETRO.
<https://www.jetro.go.jp/world/japan/stats/trade/>

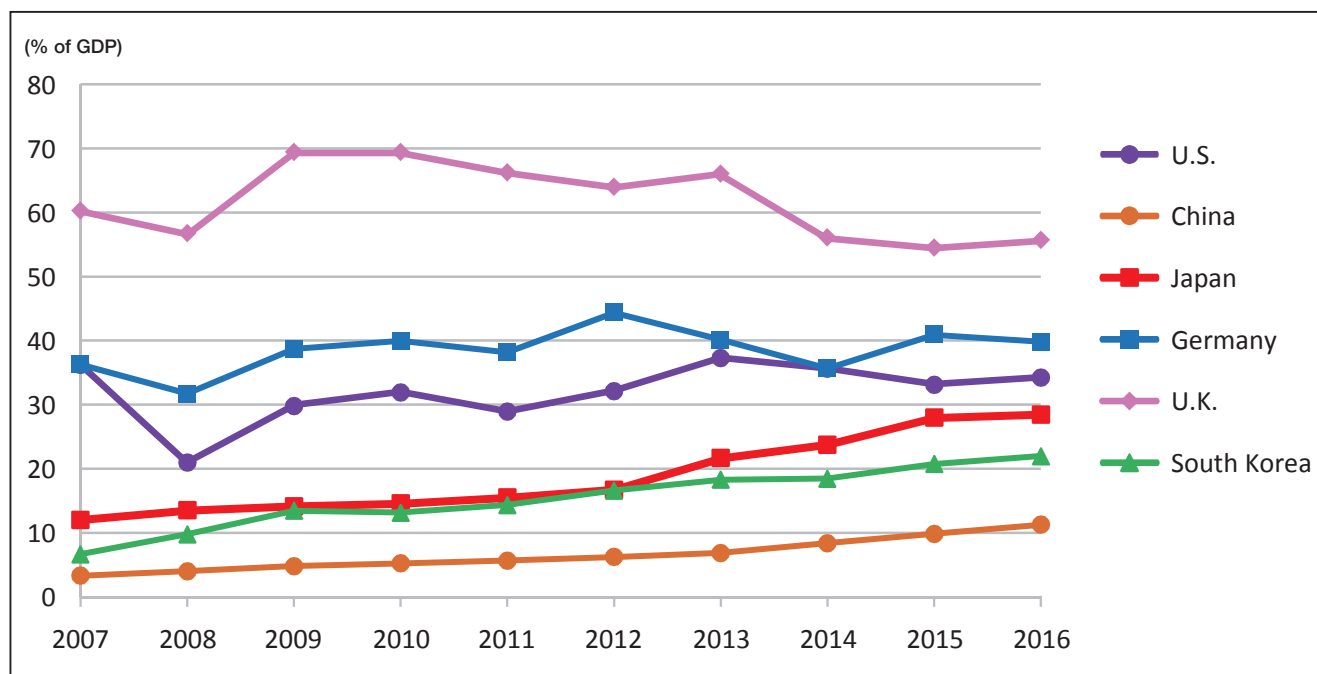
FDI Inflows and Outflows (2016)



Note: U.S. Department of Commerce data refers to financial inflow and outflow transactions without current-cost adjustment.
 Sources: U.S.-China data is from the U.S. Department of Commerce.
https://www.bea.gov/iTable/index_MNC.cfm
 Other data is from the Ministry of Finance and Bank of Japan compiled by JETRO.
<https://www.jetro.go.jp/world/japan/stats/fdi.html>

3-10 Outward Foreign Direct Investment (FDI) (Stock)

対外直接投資残高

Source: UNCTAD <http://unctadstat.unctad.org/wds/ReportFolders/reportFolders.aspx>

Outward Foreign Direct Investment (FDI) (Stock)

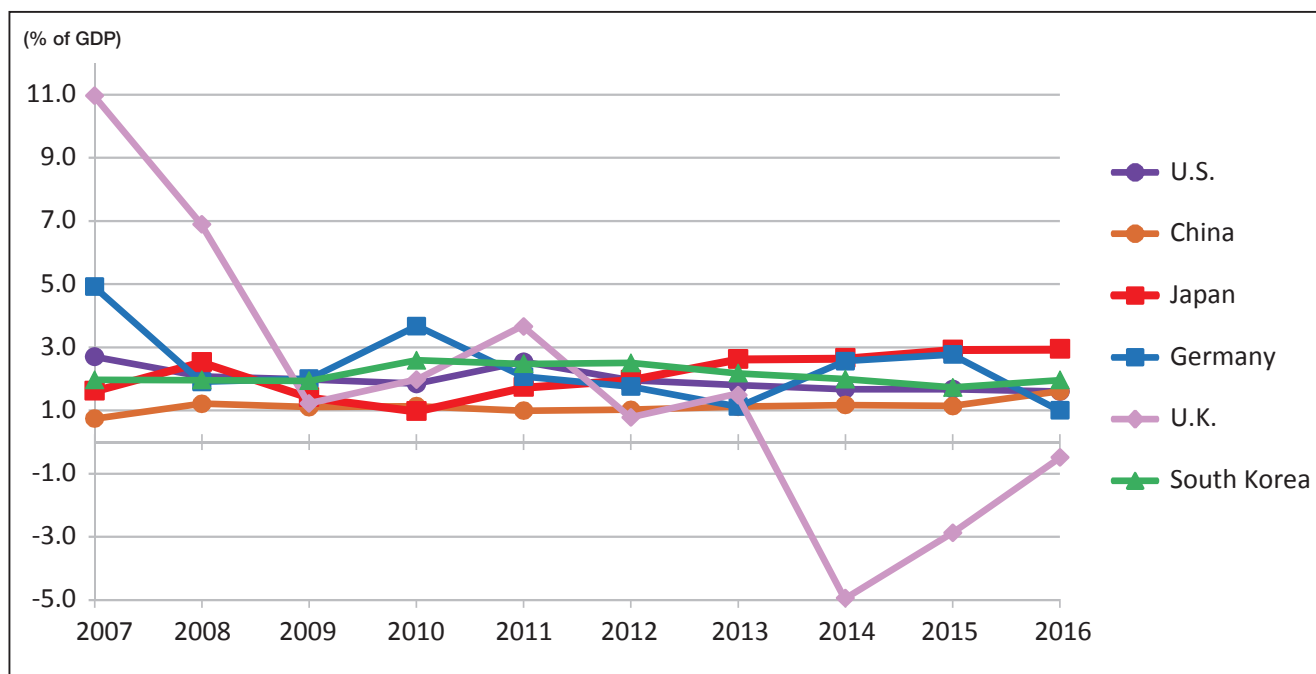
(Billion USD, % of GDP)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
U.S.	5,275 (36.2%)	3,102 (20.9%)	4,322 (29.8%)	4,810 (31.9%)	4,514 (28.9%)	5,223 (32.1%)	6,254 (37.2%)	6,225 (35.6%)	6,006 (33.1%)	6,384 (34.2%)
China	118 (3.3%)	184 (4.0%)	246 (4.8%)	317 (5.2%)	425 (5.7%)	532 (6.2%)	660 (6.9%)	883 (8.4%)	1,098 (9.8%)	1,281 (11.3%)
Japan	543 (12.0%)	680 (13.5%)	741 (14.2%)	831 (14.6%)	956 (15.5%)	1,038 (16.7%)	1,118 (21.7%)	1,152 (23.8%)	1,227 (28.0%)	1,401 (28.5%)
Germany	1,247 (36.3%)	1,190 (31.7%)	1,323 (38.7%)	1,365 (39.9%)	1,435 (38.2%)	1,572 (44.3%)	1,507 (40.2%)	1,384 (35.7%)	1,376 (40.9%)	1,365 (39.8%)
U.K.	1,847 (60.3%)	1,632 (56.7%)	1,643 (69.4%)	1,686 (69.4%)	1,729 (66.3%)	1,694 (64.0%)	1,796 (66.0%)	1,682 (56.1%)	1,558 (54.5%)	1,444 (55.7%)
S. Korea	75 (6.7%)	98 (9.8%)	121 (13.5%)	144 (13.2%)	172 (14.3%)	203 (16.6%)	239 (18.3%)	261 (18.5%)	286 (20.8%)	306 (22.0%)

Source: UNCTAD <http://unctadstat.unctad.org/wds/ReportFolders/reportFolders.aspx>

3-11 Outward FDI (Flow)

対外直接投資フロー



Source: UNCTAD <http://unctadstat.unctad.org/wds/ReportFolders/reportFolders.aspx>

Outward FDI (Flow)

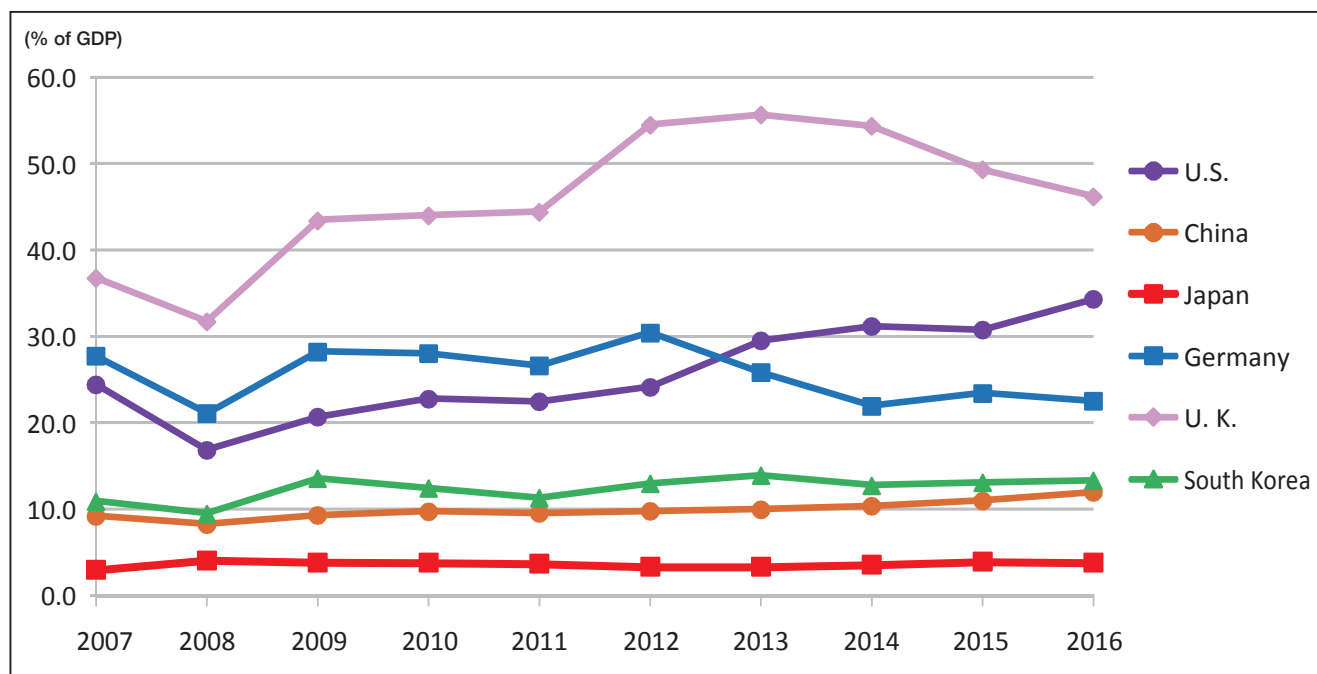
(Million USD, % of GDP)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
U.S.	393,518 (2.7%)	308,296 (2.1%)	287,901 (2.0%)	277,779 (1.8%)	396,569 (2.5%)	318,196 (2.0%)	303,432 (1.8%)	292,283 (1.7%)	303,177 (1.7%)	299,003 (1.6%)
China	26,506 (0.7%)	55,907 (1.2%)	56,529 (1.1%)	68,811 (1.1%)	74,654 (1.0%)	87,804 (1.0%)	107,844 (1.1%)	123,120 (1.2%)	127,560 (1.1%)	183,100 (1.6%)
Japan	73,549 (1.6%)	128,020 (2.5%)	74,699 (1.4%)	56,263 (1.0%)	107,599 (1.7%)	122,549 (2.0%)	135,749 (2.6%)	129,038 (2.7%)	128,654 (2.9%)	145,242 (3.0%)
Germany	169,320 (4.9%)	71,507 (1.9%)	68,541 (2.0%)	125,451 (3.7%)	77,929 (2.1%)	62,164 (1.8%)	42,271 (1.1%)	99,519 (2.6%)	93,283 (2.8%)	34,558 (1.0%)
U.K.	335,885 (11.0%)	198,185 (6.9%)	28,965 (1.2%)	48,092 (2.0%)	95,587 (3.7%)	20,700 (0.8%)	40,484 (1.5%)	-148,303 (-4.9%)	-82,138 (-2.9%)	-12,614 (-0.5%)
S. Korea	22,074 (2.0%)	19,633 (2.0%)	17,436 (1.9%)	28,280 (2.6%)	29,705 (2.5%)	30,632 (2.5%)	28,360 (2.2%)	28,039 (2.0%)	23,760 (1.7%)	27,274 (2.0%)

Source: UNCTAD <http://unctadstat.unctad.org/wds/ReportFolders/reportFolders.aspx>

3-12 Inward FDI (Stock)

対内直接投資残高

Source: UNCTAD <http://unctadstat.unctad.org/wds/ReportFolders/reportFolders.aspx>

Inward FDI (Stock)

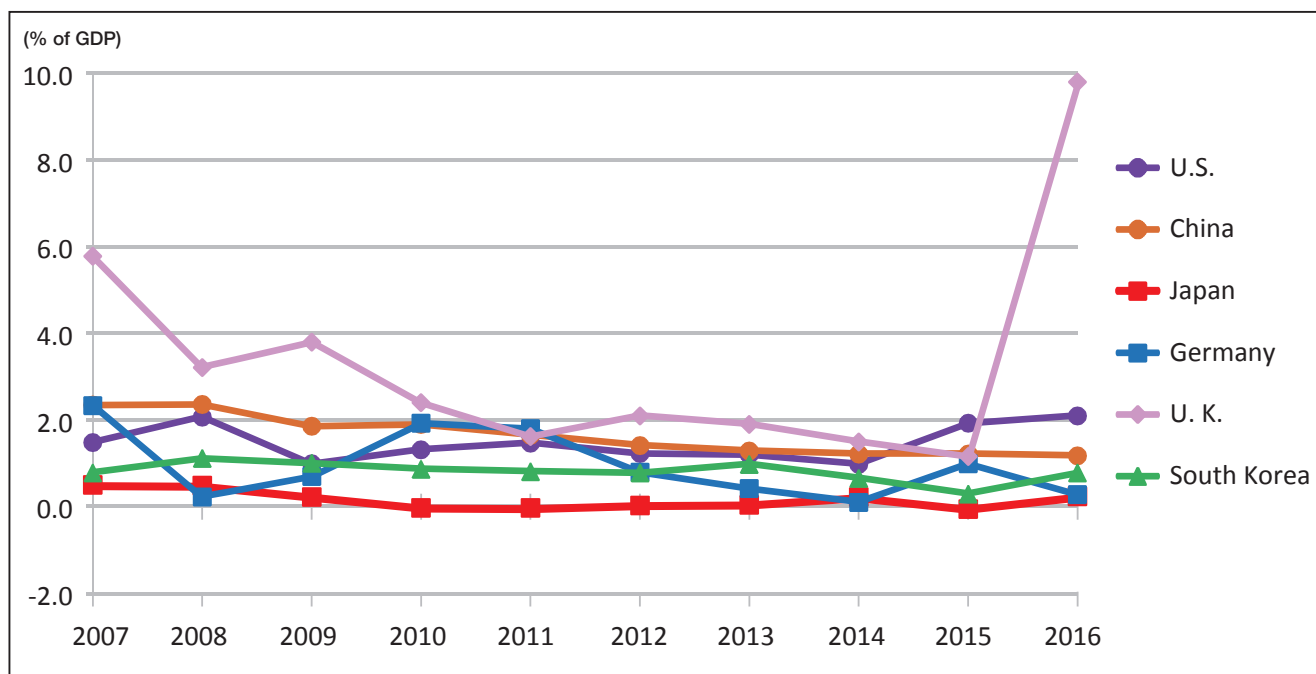
(Billion USD, % of GDP)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
U.S.	3,551 (24.4%)	2,486 (16.8%)	2,995 (20.6%)	3,422 (22.7%)	3,499 (22.4%)	3,916 (24.1%)	4,948 (29.5%)	5,442 (31.1%)	5,571 (30.7%)	6,391 (34.2%)
China	327 (9.2%)	378 (8.2%)	473 (9.2%)	588 (9.7%)	712 (9.5%)	833 (9.7%)	957 (9.9%)	1,085 (10.3%)	1,221 (10.9%)	1,354 (11.9%)
Japan	133 (2.9%)	203 (4.0%)	200 (3.8%)	215 (3.8%)	226 (3.7%)	206 (3.3%)	171 (3.3%)	172 (3.5%)	171 (3.9%)	187 (3.8%)
Germany	952 (27.7%)	789 (21.0%)	964 (28.2%)	956 (28.0%)	998 (26.6%)	1,077 (30.4%)	968 (25.8%)	850 (21.9%)	787 (23.4%)	771 (22.5%)
U.K.	1,125 (36.7%)	911 (31.7%)	1,026 (43.4%)	1,068 (44.0%)	1,158 (44.4%)	1,440 (54.4%)	1,513 (55.6%)	1,629 (54.3%)	1,408 (49.3%)	1,197 (46.1%)
S. Korea	122 (10.9%)	95 (9.5%)	122 (13.5%)	135 (12.4%)	135 (11.2%)	158 (12.9%)	181 (13.9%)	179 (12.7%)	180 (13.0%)	185 (13.3%)

Source: UNCTAD <http://unctadstat.unctad.org/wds/ReportFolders/reportFolders.aspx>

3-13 Inward FDI (Flow)

対内直接投資フロー



Source: UNCTAD <http://unctadstat.unctad.org/wds/ReportFolders/reportFolders.aspx>

Inward FDI (Flow)

(Million USD, % of GDP)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
U.S.	215,952 (1.5%)	306,366 (2.1%)	143,604 (1.0%)	198,049 (1.3%)	229,862 (1.5%)	199,034 (1.2%)	201,393 (1.2%)	171,601 (1.0%)	348,402 (1.9%)	391,104 (2.1%)
China	83,521 (2.3%)	108,312 (2.4%)	95,000 (1.9%)	114,734 (1.9%)	123,985 (1.6%)	121,080 (1.4%)	123,911 (1.3%)	128,500 (1.2%)	135,610 (1.2%)	133,700 (1.2%)
Japan	22,549 (0.5%)	24,425 (0.5%)	11,938 (0.2%)	-1,252 (-0.02%)	-1,758 (-0.03%)	1,732 (0.03%)	2,304 (0.04%)	10,612 (0.2%)	-2,250 (-0.1%)	11,388 (0.2%)
Germany	80,212 (2.3%)	8,127 (0.2%)	23,806 (0.7%)	65,643 (1.9%)	67,514 (1.8%)	28,181 (0.8%)	15,573 (0.4%)	3,954 (0.1%)	33,312 (1.0%)	9,528 (0.3%)
U.K.	176,839 (5.8%)	92,158 (3.2%)	89,709 (3.8%)	58,200 (2.4%)	42,200 (1.6%)	55,446 (2.1%)	51,676 (1.9%)	44,821 (1.5%)	33,003 (1.2%)	253,826 (9.8%)
S. Korea	8,827 (0.8%)	11,188 (1.1%)	9,022 (1.0%)	9,497 (0.9%)	9,773 (0.8%)	9,496 (0.8%)	12,767 (1.0%)	9,274 (0.7%)	4,104 (0.3%)	10,827 (0.8%)

Source: UNCTAD <http://unctadstat.unctad.org/wds/ReportFolders/reportFolders.aspx>

3-14 FDI (Japan) (Flow)

直接投資フロー（日本）

Outward FDI (Flow) by Destination

(Million USD)

		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
1	U.S.	15,672	44,674	10,660	9,193	14,730	31,974	43,703	49,438	49,319	52,194
2	U.K.	3,026	6,744	2,126	4,624	14,125	11,882	13,319	6,273	14,017	47,800
3	Cayman Islands	5,838	22,550	12,903	-1,848	223	2,276	437	799	3,674	19,220
4	Netherlands	12,440	6,514	6,698	3,288	5,346	8,638	8,636	6,401	9,967	10,759
5	China	6,218	6,496	6,899	7,252	12,649	13,479	9,104	10,889	10,077	8,634
	Germany	880	3,905	2,089	-321	2,165	1,797	2,653	3,424	3,937	2,324
	S. Korea	1,302	2,369	1,077	1,085	2,439	3,996	3,296	3,197	1,521	1,079
	EU	19,934	22,939	17,039	8,359	36,052	29,023	30,999	27,025	35,638	70,308
	ASEAN	7,790	6,309	7,002	8,930	19,645	10,675	23,619	22,820	20,624	-6,098
	Total	73,483	130,801	74,650	57,223	108,808	122,355	135,049	138,017	136,423	169,582

Notes: Balance of payments basis, net. Because of the changes in the calculation method of the balance of payments, there is no continuity between the data before 2013 and the data after 2014.

Source: Ministry of Finance and Bank of Japan data compiled by JETRO. <https://www.jetro.go.jp/world/japan/stats/fdi.html>

Inward FDI (Flow) by Source

(Million USD)

		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
1	U.K.	540	-1,289	5,629	4,817	1,792	1,212	618	433	-1,649	5,885
2	U.S.	13,270	11,792	1,831	2,961	-3,197	-110	1,378	7,132	5,199	5,761
3	France	504	177	371	1,128	3,438	-463	-645	1,998	1,666	3,515
4	Singapore	1,282	2,716	756	1,575	782	978	325	1,361	1,842	3,046
5	Taiwan	36	66	57	21	111	366	186	1,209	723	2,497
	S. Korea	221	279	255	274	197	559	48	669	939	563
	Germany	-813	1,185	389	2,206	18	449	10	1,260	-3,323	353
	China	15	37	-137	314	109	72	140	766	641	-126
	EU	642	2,943	9,207	132	4,537	-3,005	1,401	3,672	-2,533	17,414
	ASEAN	1,283	2,740	985	1,810	831	1,003	317	1,648	2,273	3,714
	Total	22,181	24,550	11,839	-1,359	-1,702	1,761	2,358	19,769	5,585	34,897

Notes: Balance of payments basis, net. Because of the changes in the calculation method of the balance of payments, there is no continuity between the data before 2013 and the data after 2014.

Source: Ministry of Finance and Bank of Japan data compiled by JETRO. <https://www.jetro.go.jp/world/japan/stats/fdi.html>

3-15 FDI (Japan) (Stock)

直接投資残高(日本)

Outward FDI (Stock) by Destination

(Million USD)

		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
1	U.S.	174,199	226,611	230,948	251,805	275,504	286,529	331,439	381,846	418,928	454,139
2	U.K.	32,021	32,576	31,282	37,956	48,194	53,956	67,742	77,533	89,030	120,747
3	China	37,797	49,002	55,045	66,478	83,379	93,215	98,132	104,407	108,902	108,763
4	Netherlands	63,941	72,172	77,470	75,995	84,950	94,444	96,451	96,745	106,367	105,667
5	Australia	17,940	19,107	32,557	39,856	49,417	61,344	54,112	62,595	67,460	66,325
	S. Korea	12,103	12,180	12,603	15,043	17,968	25,594	29,850	31,897	31,492	31,973
	Germany	9,524	11,992	15,096	15,316	16,715	16,906	17,071	19,481	21,207	22,502
	EU	145,280	161,783	174,881	182,194	215,484	237,800	259,153	267,283	290,918	324,234
	ASEAN	61,435	67,654	75,746	90,749	110,954	122,269	136,258	159,933	166,996	167,271
	Total	546,839	683,872	740,364	830,464	957,703	1,040,463	1,117,267	1,185,447	1,261,020	1,359,354

Notes: Balance of payments basis, net. Because of the changes in the calculation method of the balance of payments, there is no continuity between the data before 2013 and the data after 2014.

Source: Ministry of Finance and Bank of Japan data compiled by JETRO. <https://www.jetro.go.jp/world/japan/stats/fdi.html>

Inward FDI (Stock) by Source

(Million USD)

		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
1	U.S.	44,795	74,344	75,003	72,497	70,908	61,756	52,402	57,559	56,796	59,859
2	Netherlands	26,025	36,510	36,034	36,890	39,936	31,607	27,664	26,395	30,581	32,450
3	France	12,776	16,233	15,208	19,193	20,505	18,033	14,249	23,353	25,325	28,615
4	U.K.	5,962	6,750	7,318	9,386	15,894	15,471	13,115	15,760	16,006	19,318
5	Singapore	4,620	10,047	10,632	13,901	16,031	15,383	13,360	14,437	15,017	18,875
	Germany	3,811	6,952	7,166	10,009	9,651	8,386	6,438	8,881	6,359	7,257
	S. Korea	694	1,235	1,444	1,933	2,225	2,851	2,079	2,346	3,235	3,429
	China	125	225	197	399	560	552	576	1,162	1,911	1,655
	EU	55,117	75,600	74,832	82,236	94,293	81,271	68,462	82,980	87,133	104,711
	ASEAN	4,721	10,193	11,004	14,596	16,835	16,150	14,062	16,316	17,425	21,779
	Total	133,888	204,433	199,991	214,722	226,224	206,301	170,597	198,230	205,698	237,729

Notes: Balance of payments basis, net. Because of the changes in the calculation method of the balance of payments, there is no continuity between the data before 2013 and the data after 2014.

Source: Ministry of Finance and Bank of Japan data compiled by JETRO. <https://www.jetro.go.jp/world/japan/stats/fdi.html>

3-16 FDI (U.S.)

直接投資(米国)

Outward FDI (Flow) by Destination

(Million USD)

		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
1	Ireland	15,506	31,795	23,528	28,865	26,381	30,836	21,924	47,766	69,205	45,711
2	U.K.	21,978	29,615	28,940	38,839	25,605	41,790	25,301	28,799	19,768	38,882
3	Netherlands	109,097	38,639	51,588	44,979	86,000	48,052	57,740	25,450	43,781	38,630
4	Luxembourg	24,535	27,079	22,194	48,156	48,113	15,622	39,161	31,401	6,869	27,967
5	Canada	22,331	12,293	14,342	17,594	48,598	29,608	20,650	27,134	9,533	18,077
	China	5,243	15,971	-7,512	5,420	-1,720	-1,223	7,397	8,429	7,391	9,474
	Germany	9,569	775	7,839	5,898	8,187	1,860	-2,409	-2,498	1,754	5,921
	S. Korea	821	2,157	3,200	2,745	3,277	1,838	2,493	3,374	2,577	2,350
	Japan	15,721	-1,656	11,138	917	2,787	943	6,227	-14,933	1,123	2,269
	EU	239,803	178,415	165,064	175,995	235,409	158,958	157,885	148,793	164,041	182,637
	ASEAN	17,859	11,086	7,784	21,960	16,451	20,408	22,628	31,210	24,258	18,851
	Total	393,518	308,296	287,901	277,779	396,569	318,196	303,432	294,754	262,569	280,681

Note: Financial outflow transactions without current-cost adjustment.

Sources: U.S. Department of Commerce <http://bea.gov/iTable/iTable.cfm?ReqID=2&step=1#reqid=2&step=1&isuri=1>

ASEAN: Compiled by Keizai Koho Center from U.S. Department of Commerce data.

Inward FDI (Flow) by Source

(Million USD)

		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
1	Switzerland	-4,279	45,660	10,710	41,406	19,894	16,110	18,420	31,139	7,153	71,689
2	Luxembourg	16,051	6,802	17,349	29,461	11,989	10,483	34,988	27,943	182,561	61,429
3	Canada	43,867	16,794	30,366	7,357	18,790	17,326	14,933	23,479	59,555	51,922
4	Netherlands	25,973	75,327	5,018	20,772	8,457	38,618	4,606	29,685	32,326	51,092
5	U.K.	25,434	52,609	18,373	30,069	46,316	39,640	32,023	-94,851	39,323	49,068
	Japan	21,134	22,321	6,544	15,805	17,077	22,114	46,413	44,891	34,379	33,914
	Germany	-12,690	17,122	12,320	18,760	16,396	6,772	12,427	37,121	26,774	14,051
	China	8	500	500	1,037	1,105	3,419	1,920	2,201	5,917	10,337
	S. Korea	4,751	1,440	236	2,245	4,978	6,185	6,601	9,024	1,384	173
	EU	124,552	234,331	99,073	151,055	128,687	156,994	114,304	93,768	345,958	334,362
	ASEAN	6,069	10,272	1,535	1,220	3,400	488	1,713	6,890	4,104	3,924
	Total	215,952	306,366	143,604	198,049	229,862	199,034	201,393	201,733	465,765	457,125

Note: Financial inflow transactions without current-cost adjustment.

Sources: U.S. Department of Commerce <http://bea.gov/iTable/iTable.cfm?ReqID=2&step=1#reqid=2&step=1&isuri=1>

ASEAN: Compiled by Keizai Koho Center from U.S. Department of Commerce data.

3-17 FDI (China)

直接投資(中国)

Outward FDI (Flow) by Destination

(Million USD)

		2007	2008	2009	2010	2011	2012	2013	2014	2015
1	Hong Kong	13,732	38,640	35,601	38,505	35,655	51,238	62,824	70,867	89,790
2	Cayman Islands	2,602	1,524	5,366	3,496	4,936	827	9,253	4,192	10,213
3	U.S.	196	462	909	1,308	1,811	4,048	3,873	7,596	8,029
4	Australia	532	1,892	2,436	1,702	3,165	2,173	3,458	4,049	3,401
5	Russia	478	395	348	568	716	765	1,022	634	2,961
	U.K.	567	17	192	330	1,420	2,775	1,419	1,499	1,848
	S. Korea	57	97	265	-722	342	942	269	549	1,325
	Germany	239	183	179	412	512	799	911	1,439	410
	Japan	39	59	84	338	149	211	434	394	240
	Total	26,506	55,907	56,529	68,811	74,654	87,804	107,844	123,120	145,667

Notes: Overseas direct investment includes basic situation of domestic investors and overseas enterprises, investment, earnings and their distribution between domestic and overseas invested enterprises, import and export of commodities through overseas enterprises and approval of overseas enterprises.

Statistics cover all types of overseas corporate and non-corporate enterprises by direct investment of domestic investors.

Data are from the Ministry of Commerce through comprehensive surveys.

Source: Data are from the Ministry of Commerce of the People's Republic of China compiled by the National Bureau of Statistics of the People's Republic of China.

<http://www.stats.gov.cn/english/Statisticaldata/AnnualData/>

Inward FDI (Flow) by Source

(Billion USD)

		2007	2008	2009	2010	2011	2012	2013	2014	2015
1	Hong Kong	27.70	41.04	46.08	60.57	70.50	65.56	73.40	81.27	86.39
2	British Virgin Islands	16.55	15.95	11.30	10.45	9.72	7.83	6.16	6.23	7.39
3	Singapore	3.18	4.44	3.60	5.43	6.10	6.31	7.23	5.83	6.90
4	S. Korea	3.68	3.14	2.70	2.69	2.55	3.04	3.05	3.97	4.03
5	Japan	3.59	3.65	4.10	4.08	6.33	7.35	7.06	4.33	3.19
	U.S.	2.62	2.94	2.55	3.02	2.37	2.60	2.82	2.37	2.09
	Germany	0.73	0.90	1.22	0.89	1.13	1.45	2.08	2.07	1.56
	U.K.	0.83	0.91	0.68	0.71	0.58	0.41	0.39	0.74	0.50
	Total	74.77	92.40	90.03	105.73	116.01	111.72	117.59	119.56	126.27

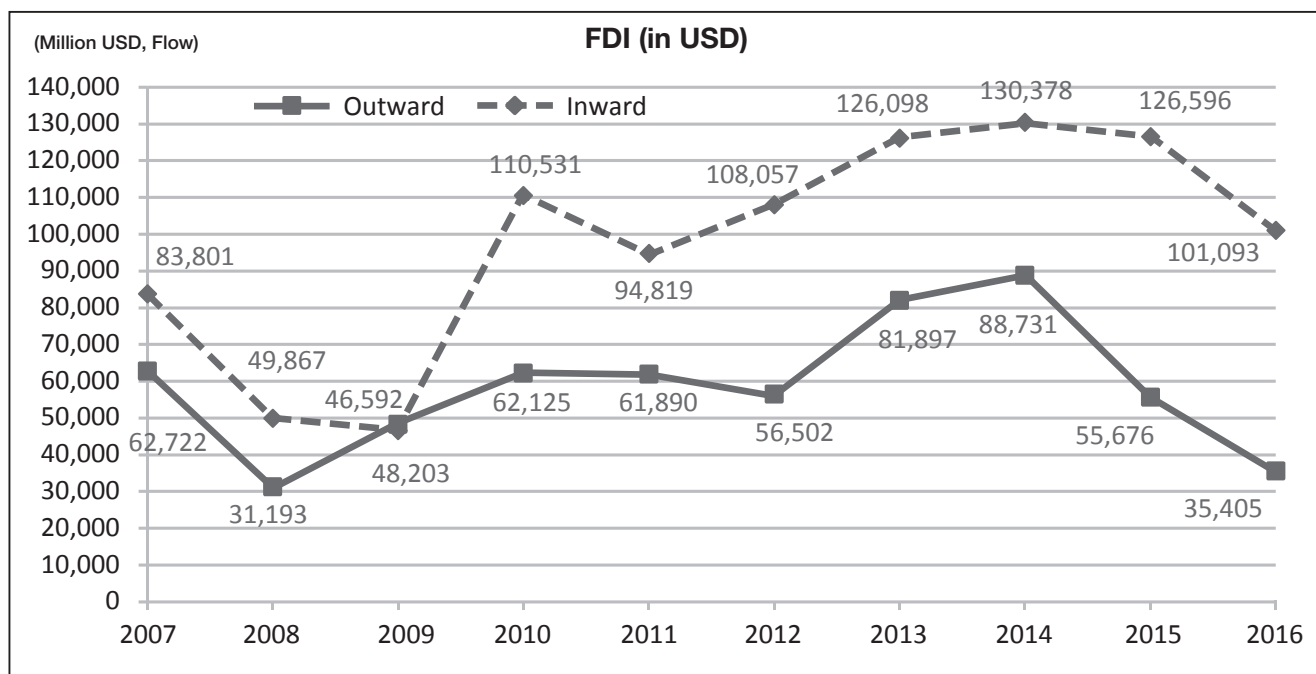
Note: Including foreign direct investments and other foreign investments and the basic condition of registration of foreign funded enterprises.

Source: Data are from the Ministry of Commerce of the People's Republic of China compiled by the National Bureau of Statistics of the People's Republic of China.

<http://www.stats.gov.cn/english/Statisticaldata/AnnualData/>

3-18 FDI (ASEAN)

直接投資 (ASEAN)



Source: UNCTAD <http://unctadstat.unctad.org/wds/ReportFolders/reportFolders.aspx>

Inward FDI (Flow) by Source

(Million USD)

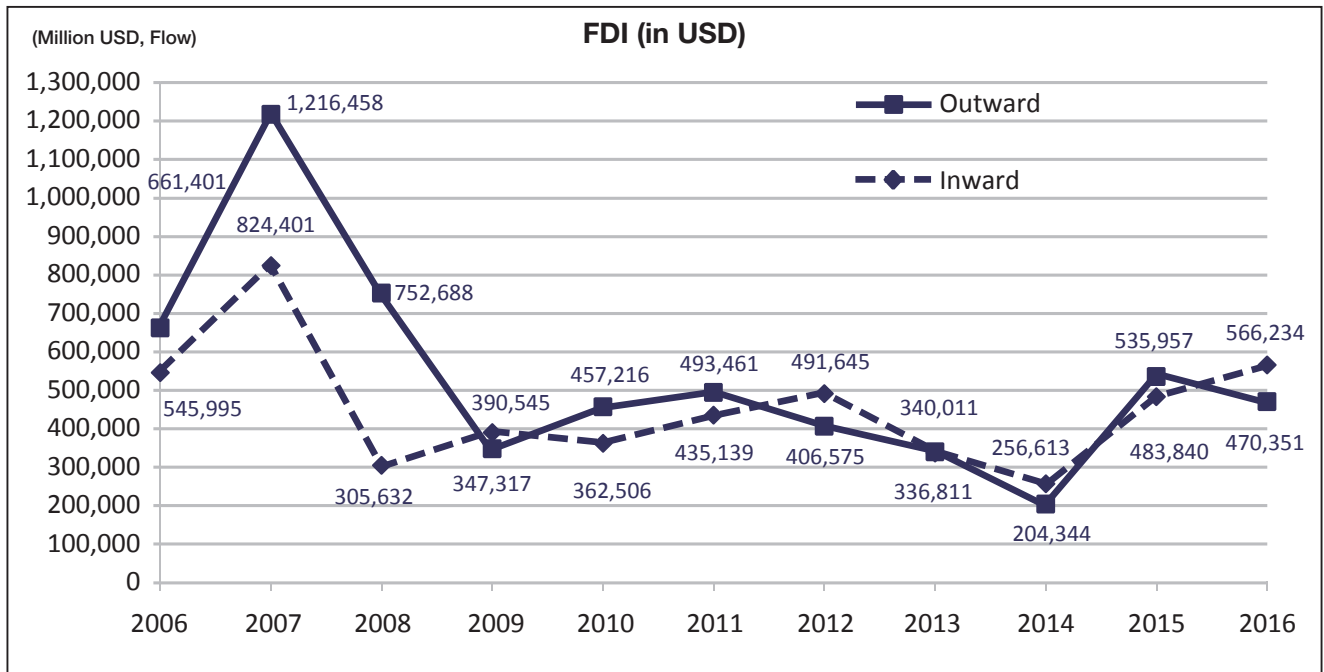
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
1 Japan	8,823	5,512	3,451	12,987	7,754	14,618	24,359	12,982	14,738	13,989
2 U.S.	8,918	3,685	5,181	13,682	8,069	19,116	11,180	13,578	23,379	11,657
3 China	1,998	733	2,069	3,489	7,190	8,168	6,354	6,185	6,412	9,211
4 Netherlands	5,829	5,404	6,246	1,139	5,240	8,958	10,580	8,945	7,872	8,921
5 Ireland	626	28	-4,505	248	-2,985	-2,138	174	2,825	4,806	8,118
S. Korea	2,273	1,397	1,804	4,319	1,774	1,306	4,253	4,690	5,704	5,890
U.K.	7,973	2,540	-929	5,483	9,792	-10,273	4,639	10,767	3,527	1,711
Germany	1,450	374	-196	797	-253	-64	-836	49	-271	-81
EU	21,485	10,409	5,660	21,145	24,289	-1,770	19,656	37,861	20,834	30,465
INTRA-ASEAN	8,435	8,988	8,808	16,306	16,427	23,538	18,209	21,556	21,340	23,948
Total	78,886	49,013	43,365	108,174	87,664	117,545	120,051	133,057	121,621	96,723

Notes: Net basis. 2016 figures are preliminary. 2012-2013 does not include Lao PDR data.

Source: ASEAN Secretariat <http://asean.org/asean/asean-secretariat/>

3-19 FDI (EU)

直接投資 (EU)



Source: UNCTAD <http://unctadstat.unctad.org/wds/TableViewer/tableView.aspx>

Outward FDI (Flow) by Destination (in EUR)

(Billion EUR)

		2012	2013	2014	2015
1	U.S.	125.2	274.4	-83.3	323.5
2	Switzerland	-1.9	20.1	-33.0	48.8
3	Brazil	25.0	45.0	32.8	28.9
4	Singapore	-8.6	2.7	8.5	27.8
5	South Africa	3.0	1.2	3.5	24.5
	Japan	1.0	8.2	-0.6	10.9
	China	16.3	20.9	8.8	6.0
	S. Korea	-0.2	0.8	5.5	-4.5
	Total (Extra EU-28)	317.4	546.8	58.3	537.2

Note: Extra EU-28 refers to transactions with all countries outside of the EU.

Source: Eurostat

http://ec.europa.eu/eurostat/statistics-explained/images/4/41/Foreign_direct_investment%2C_EU-28%2C_2012%E2%80%932015_YB17.png

Inward FDI (Flow) by Source (in EUR)

(Billion EUR)

		2012	2013	2014	2015
1	U.S.	119.6	352.8	-24.8	252.4
2	Switzerland	24.6	18.3	26.9	78.3
3	Canada	12.4	16.2	12.4	24.2
4	Singapore	5.7	11.7	-4.5	14.2
5	Arabian Gulf Countries	-0.7	6.0	-2.7	9.7
	China	8.4	6.6	7.9	6.3
	Japan	1.8	9.7	10.6	6.1
	S. Korea	4.3	1.3	4.5	2.2
	Total (Extra EU-28)	309.8	506.8	98.7	466.5

3-20 Outbound M&A

対外M&A

(Value: Million USD)

		2012	2013	2014	2015	2016
U.S.	# of deals	2,232	2,066	2,384	2,462	2,368
	Value	196,430.6	122,165.4	242,750.6	201,740.0	236,958.1
	Top 3	Switzerland, U.K., Canada	U.K., Netherlands, Germany	Ireland, Canada, U.K.	U.K. Germany, France	Germany, U.K., Canada
China	# of deals	346	388	461	627	901
	Value	54,075.0	64,336.1	53,049.7	107,902.9	215,746.0
	Top 3	Canada, Australia, U.S.	U.S., H.K., Australia	H.K., U.S., Singapore	H.K., Italy, U.S.	U.S., Switzerland, Israel
Hong Kong (H.K.)	# of deals	492	490	528	584	693
	Value	28,943.6	27,134.3	44,318.2	48,376.2	52,574.0
	Top 3	China, U.K., Malaysia	China, Netherlands, Singapore	China, U.S., Australia	China, U.K., Singapore	China, Australia, U.S.
Japan	# of deals	724	627	666	754	778
	Value	83,210.4	47,024.0	56,366.2	86,896.0	96,295.8
	Top 3	U.S., U.K., Canada	U.S., Thailand, Germany	U.S., H.K., India	U.S., H.K., U.K.	U.K., U.S., Czech Republic
Germany	# of deals	508	446	509	543	545
	Value	32,429.3	21,633.3	110,038.8	19,394.2	116,612.0
	Top 3	U.S., U.K., Norway	Luxembourg, U.S., Norway	U.S., Luxembourg, Sweden	Italy, U.S., U.K.	U.S., France, Spain
U.K.	# of deals	940	910	1,068	1,086	1,086
	Value	63,395.7	70,341.1	135,741.7	105,007.9	117,691.6
	Top 3	U.S., Sweden, Russia	Germany, U.S., India	U.S., Spain, Netherlands	U.S., Netherlands, Spain	U.S., Netherlands, Poland
Canada	# of deals	710	639	717	700	732
	Value	55,645.3	45,670.5	68,013.0	116,404.5	145,228.9
	Top 3	U.S., U.K., Australia	U.S., Australia, U.K.	U.S., France, Isle of Man	U.S., U.K., Australia	U.S., Brazil, U.K.
S. Korea	# of deals	135	94	106	89	120
	Value	10,803.4	4,445.3	3,607.2	2,911.7	14,085.7
	Top 3	Australia, U.S., Japan	Canada, U.S., Australia	U.S., Bangladesh, Malaysia	U.S., China, Vietnam	U.S., Japan, Hong Kong

Note: Excluding property acquisitions. Source: Thomson Reuters



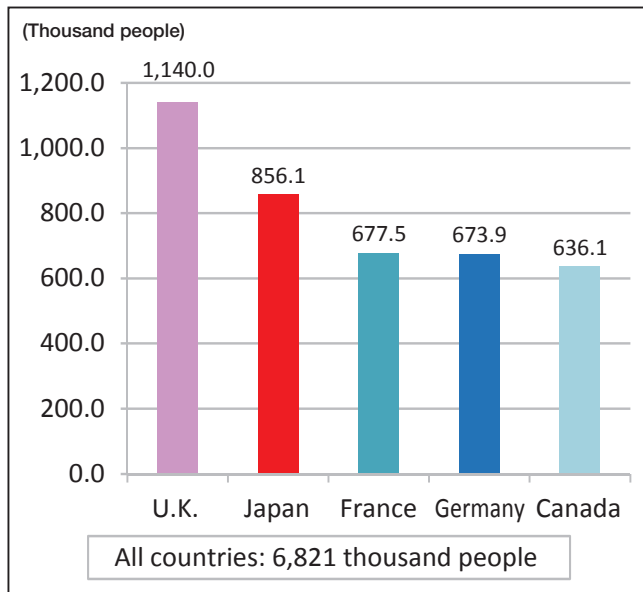
(Value: Million USD)

		2012	2013	2014	2015	2016
U.S.	# of deals	1,432	1,265	1,584	1,706	1,804
	Value	184,776.0	127,707.9	286,313.0	419,640.2	506,180.1
	Top 3	Japan, Canada, Switzerland	Canada, U.K., Japan	Germany, U.K., Japan	Canada, Ireland, U.K.	Canada, U.K., Germany
China	# of deals	674	636	692	719	728
	Value	36,913.4	34,620.3	44,814.8	53,638.3	40,073.7
	Top 3	H.K., Thailand, U.S.	H.K., U.S., Singapore	H.K., Singapore, U.S.	H.K., U.S., Qatar	H.K., Singapore, Cayman Islands
Hong Kong (H.K.)	# of deals	156	192	242	275	354
	Value	9,727.3	18,648.9	34,085.1	57,471.5	18,205.2
	Top 3	China, U.S., U.K.	China, U.K., Singapore	China, Singapore, Japan	China, Japan, Qatar	China, S. Korea, U.S.
Japan	# of deals	154	97	169	152	157
	Value	15,168.9	4,950.8	10,681.6	25,482.8	12,884.1
	Top 3	U.S., S. Korea, Guernsey	U.S., Taiwan, Cayman Islands	U.S., Singapore, H.K.	France, U.S., Denmark	U.S., Taiwan, S. Korea
Germany	# of deals	619	561	648	618	783
	Value	35,152.8	62,901.0	46,630.6	44,137.7	84,528.2
	Top 3	U.S., Canada, Finland	U.K., U.S., Spain	U.K., U.S., Luxembourg	U.S., Canada, U.K.	U.S., China, France
U.K.	# of deals	842	800	948	1,061	1,134
	Value	89,770.9	48,120.7	94,055.2	333,632.7	128,821.2
	Top 3	U.S., France, Japan	U.S., France, Japan	U.S., Switzerland, Qatar	Belgium, Netherlands, U.S.	U.S., Japan, China
Canada	# of deals	538	479	491	524	505
	Value	59,769.2	20,650.8	55,500.3	19,554.6	22,603.9
	Top 3	China, U.S., Switzerland	U.S., U.K., Colombia	U.S., Spain, Switzerland	U.S., France, China	U.S., U.K., China
S. Korea	# of deals	109	118	148	162	140
	Value	3,283.1	5,540.7	16,430.9	7,662.0	5,123.9
	Top 3	H.K., Japan, Canada	U.S., Japan, H.K.	Belgium, U.S., Saudi Arabia	Japan, China, Saudi Arabia	U.S., China, Hong Kong

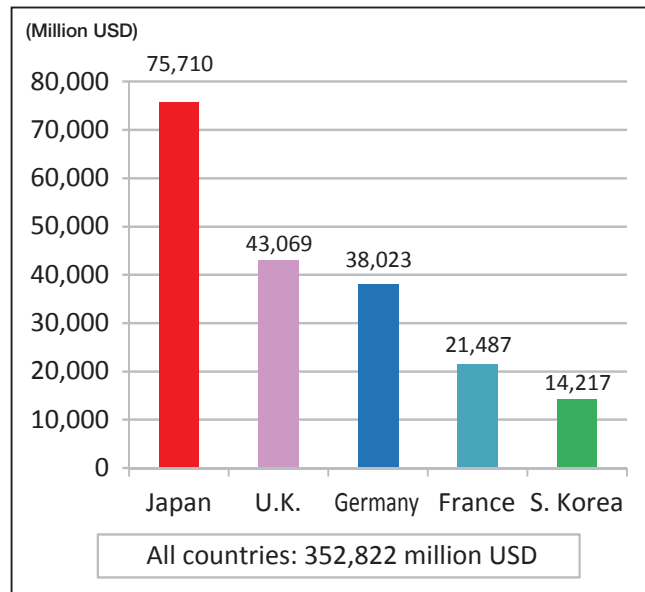
Note: Excluding property acquisitions. Source: Thomson Reuters

3-22 Employment and Exports by Foreign Affiliated Companies in the U.S. 在米外資系企業の雇用と輸出額

Employment (2015)



Exports (2015)



Source: U.S. Department of Commerce <http://bea.gov/international/di1fdiop.htm>

Rank	Economy	DTF score
1	New Zealand	86.55
2	Singapore	84.57
3	Denmark	84.06
4	S. Korea	83.92
5	Hong Kong	83.44
6	U.S.	82.54
7	U.K.	82.22
8	Norway	82.16
9	Georgia	82.04
10	Sweden	81.27

Rank	Economy	DTF score
20	Germany	79.00
34	Japan	75.68
78	China	65.29

Note: The rankings are benchmarked to June 2017 and based on the average of each economy's distance to frontier (DTF) scores for the 10 topics included in the aggregate ranking.

Source: Doing Business database 2018, World Bank Group <http://www.doingbusiness.org/reports/global-reports/doing-business-2018>

4-1 Inbound Tourism

外国人訪問者数



Notes: South Korea and Japan indicate arrivals of non-resident visitors, including same-day visitors. All other countries indicate arrivals of non-resident overnight visitors (tourists).

Source: The World Tourism Organization (UNWTO) <http://www.e-unwto.org/toc/unwtotfb/current>

Arrivals of International Travelers

(Thousand people)

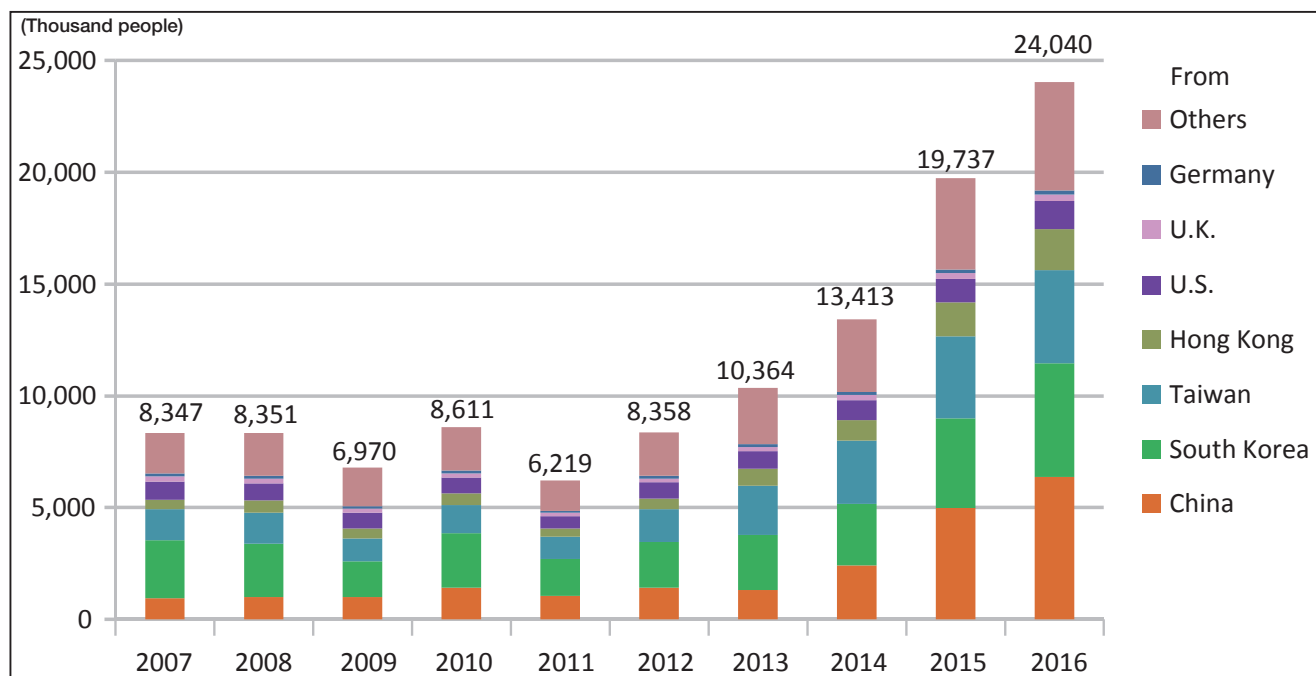
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
France	77,916	80,853	79,218	76,764	76,647	80,499	81,980	83,634	83,701	84,452
U.S.	50,977	56,135	58,007	55,103	60,010	62,821	66,657	69,995	75,022	77,510
Spain	58,004	58,666	57,192	52,178	52,677	56,177	57,464	60,675	64,939	68,215
China	49,913	54,720	53,049	50,875	55,664	57,581	57,725	55,686	55,622	56,886
Italy	41,058	43,654	42,734	43,239	43,626	46,119	46,360	47,704	48,576	50,732
Turkey	18,916	26,122	29,792	30,187	31,364	34,654	35,698	37,795	39,811	39,478
Germany	23,569	24,421	24,884	24,220	26,875	28,374	30,411	31,545	32,999	34,970
U.K.	30,654	30,870	30,142	28,199	28,295	29,306	29,282	31,063	32,613	34,436
Mexico	21,353	21,606	22,931	22,346	23,290	23,403	23,403	24,151	29,346	32,093
Hong Kong	15,821	17,154	17,319	16,926	20,085	22,316	23,770	25,661	27,770	26,686
Malaysia	17,547	20,973	22,052	23,646	24,577	24,714	25,033	25,715	27,437	25,721
Austria	20,269	20,773	21,935	21,355	22,004	23,012	24,151	24,813	25,291	26,719
Japan	7,334	8,347	8,351	6,790	8,611	6,219	8,358	10,364	13,413	19,737
S. Korea	6,155	6,448	6,891	7,818	8,798	9,795	11,140	12,176	14,202	13,232

Notes: South Korea and Japan indicate arrivals of non-resident visitors, including same-day visitors. All other countries indicate arrivals of non-resident overnight visitors (tourists).

Source: The World Tourism Organization (UNWTO) <http://www.e-unwto.org/toc/unwtotfb/current>

4-2 Foreign Visitors to Japan

訪日外客数



Source: Japan National Tourism Organization http://www.jnto.go.jp/jpn/reference/tourism_data/visitor_trends/index.html

Foreign Visitors to Japan

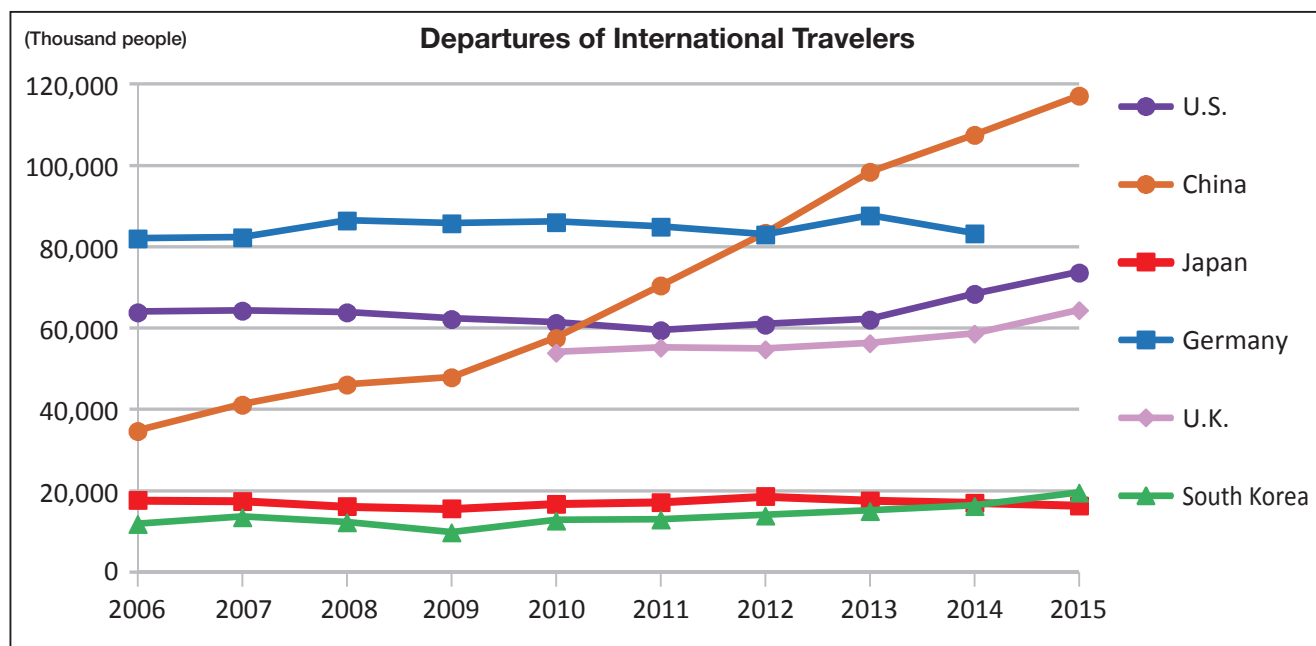
(Thousand people)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
China	942	1,000	1,006	1,413	1,043	1,425	1,314	2,409	4,994	6,374
S. Korea	2,601	2,382	1,587	2,440	1,658	2,043	2,456	2,755	4,002	5,090
Taiwan	1,385	1,390	1,024	1,268	994	1,466	2,211	2,830	3,677	4,168
Hong Kong	432	550	450	509	365	482	746	926	1,524	1,839
U.S.	816	768	700	727	566	717	799	892	1,033	1,243
U.K.	222	207	181	184	140	174	192	220	258	292
Germany	125	126	111	124	81	109	122	140	163	183
Others	1,824	1,926	1,731	1,946	1,372	1,943	2,524	3,241	4,086	4,851
Total	8,347	8,351	6,790	8,611	6,219	8,358	10,364	13,413	19,737	24,040

Source: Japan National Tourism Organization http://www.jnto.go.jp/jpn/reference/tourism_data/visitor_trends/index.html

4-3 Outbound Tourism

外国旅行者数



Notes: South Korea and Japan include departures of same-day visitors (excursionists). All other countries indicate departures of overnight tourists.
Source: The World Tourism Organization (UNWTO) <http://www.e-unwto.org/toc/unwtotfb/current>

Departures of International Travelers

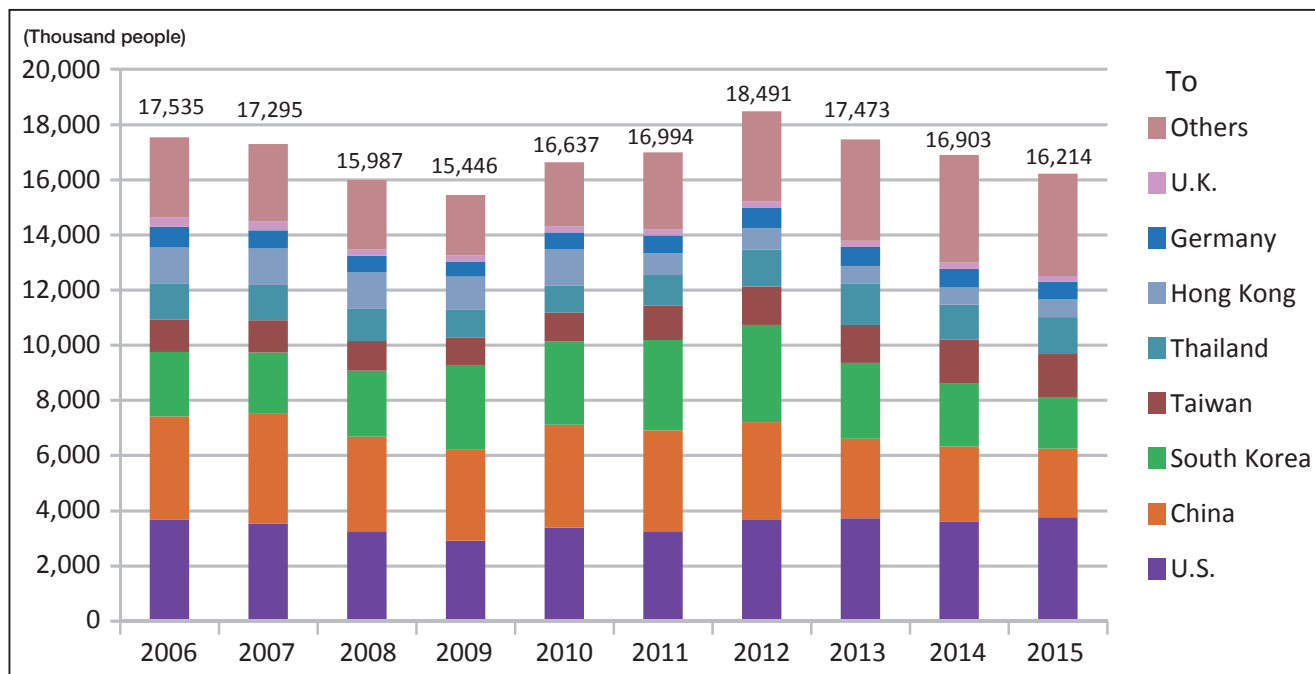
(Thousand people)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
China	34,524	40,954	45,844	47,656	57,386	70,250	83,183	98,185	107,276	116,886
Germany	81,801	82,099	86,201	85,547	85,872	84,692	82,729	87,459	83,008	N/A
U.S.	63,663	64,049	63,653	62,051	61,061	59,209	60,697	61,874	68,176	73,453
U.K.	N/A	N/A	N/A	N/A	53,759	54,946	54,604	56,088	58,364	64,165
Russia	29,107	34,285	36,538	34,276	39,323	43,726	47,813	54,069	45,889	34,550
Canada	22,731	25,163	27,034	26,204	28,680	30,450	32,276	32,971	33,518	32,267
Italy	25,697	27,734	28,284	29,060	29,823	29,295	28,810	27,798	28,460	29,040
France	22,240	28,103	25,506	25,140	25,041	26,155	25,317	26,062	27,919	26,648
Ukraine	16,875	17,335	15,499	15,334	17,180	19,773	21,433	23,761	22,438	23,142
Saudi Arabia	2,000	4,126	4,087	6,032	17,827	15,281	18,671	19,154	19,824	20,819
Japan	17,535	17,295	15,987	15,446	16,637	16,994	18,491	17,473	16,903	16,214
S. Korea	11,610	13,325	11,996	9,494	12,488	12,694	13,737	14,846	16,081	19,310

Notes: South Korea and Japan include departures of same-day visitors (excursionists). All other countries indicate departures of overnight tourists.
Source: The World Tourism Organization (UNWTO) <http://www.e-unwto.org/toc/unwtotfb/current>

4-4 Japanese Outbound Travelers

日本人出国者数



Japanese Outbound Travelers

(Thousand people)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
U.S.	3,673	3,531	3,250	2,918	3,386	3,250	3,698	3,730	3,620	3,758
China	3,746	3,977	3,446	3,317	3,731	3,658	3,518	2,878	2,718	2,498
S. Korea	2,339	2,236	2,378	3,053	3,023	3,289	3,519	2,748	2,280	1,838
Taiwan	1,161	1,166	1,087	1,001	1,053	1,243	1,393	1,381	1,595	1,586
Thailand	1,312	1,278	1,154	1,004	980	1,103	1,341	1,516	1,255	1,349
Hong Kong	1,311	1,324	1,325	1,204	1,317	787	774	608	636	633
Germany	760	662	598	538	605	643	734	712	671	647
U.K.	342	308	239	235	223	237	243	225	222	194
Others	2,891	2,812	2,512	2,174	2,319	2,785	3,271	3,676	3,906	3,711
Total	17,535	17,295	15,987	15,446	16,637	16,994	18,491	17,473	16,903	16,214

Note: Hong Kong figures include same-day visitors until 2010. Source: Japan National Tourism Organization <http://www.jnto.go.jp>

4-5 Foreign Students by Country of Origin and Destination (2015)

各国の留学生受入れ数

(Number of foreign and international students in tertiary education)

to Japan		to U.S.		to U.K.		to Germany		to China		to S. Korea	
from	students	from	students	from	students	from	students	from	students	from	students
1 China	79,175	1 China	291,064	1 China	91,518	1 China	23,616			1 China	34,513
2 S. Korea	13,480	2 India	112,714	2 India	18,177	2 Russia	9,953			2 Vietnam	2,548
3 Vietnam	10,614	3 S. Korea	63,952	3 Nigeria	17,881	3 India	9,896	N/A		3 Mongolia	2,129
4 Nepal	5,090	4 Saudi Arabia	53,638	4 Malaysia	17,011	4 Austria	9,574			4 U.S.	1,355
5 Indonesia	2,527	5 Canada	28,454	5 Hong Kong	16,179	5 France	6,955			5 Japan	1,286
6 Thailand	2,516	6 Vietnam	19,336	6 U.S.	15,378	6 Cameroon	6,301			6 Indonesia	841
7 Malaysia	2,209	7 Japan	15,075	7 Germany	13,464	13 U.S.	4,523			7 Pakistan	814
8 U.S.	1,918	8 Mexico	14,962	8 France	11,567	14 S. Korea	4,078			8 India	745
14 Germany	540	13 U.K.	9,601	23 S. Korea	4,759	31 U.K.	1,798			33 Germany	88
17 U.K.	423	20 Germany	7,137	32 Japan	3,098	32 Japan	1,756			37 U.K.	80
Total	131,980	Total	907,251	Total	430,833	Total	228,756	Total	123,127	Total	54,540

Source: OECD <https://stats.oecd.org/>

4-6 Students Studying Abroad by Country of Origin (2016)

各国の海外留学生

(Number of outbound internationally mobile tertiary students)

1	China	801,187
2	India	255,030
3	Germany	116,342
4	S. Korea	108,047
5	Saudi Arabia	86,486
6	France	80,635
7	Kazakhstan	77,965
8	Nigeria	75,539
9	U.S.	67,665
10	Malaysia	64,480

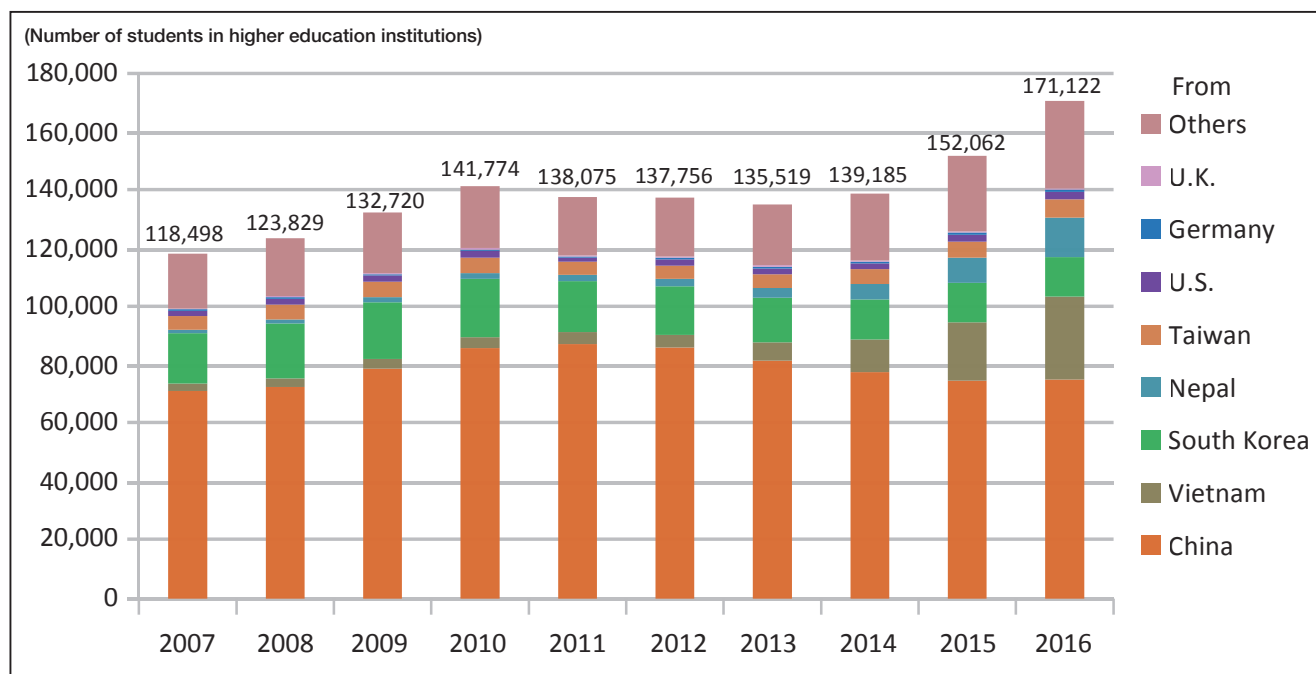
11	Vietnam	63,703
12	Ukraine	60,328
13	Italy	56,712
14	Russia	56,328
15	Iran	51,395
16	Turkmenistan	50,539
17	Canada	49,771
18	Pakistan	47,164
19	Turkey	45,820
20	Morocco	43,694

32	U.K.	31,078
33	Japan	30,179

Source: UNESCO Institute of Statistics <http://uis.unesco.org/indicator/edu-mobility-out-out>

4-7 Foreign Students in Japan

日本への留学生



Source: Japan Student Services Organization http://www.jasso.go.jp/statistics/intl_student/ichiran.html

Foreign Students in Japan

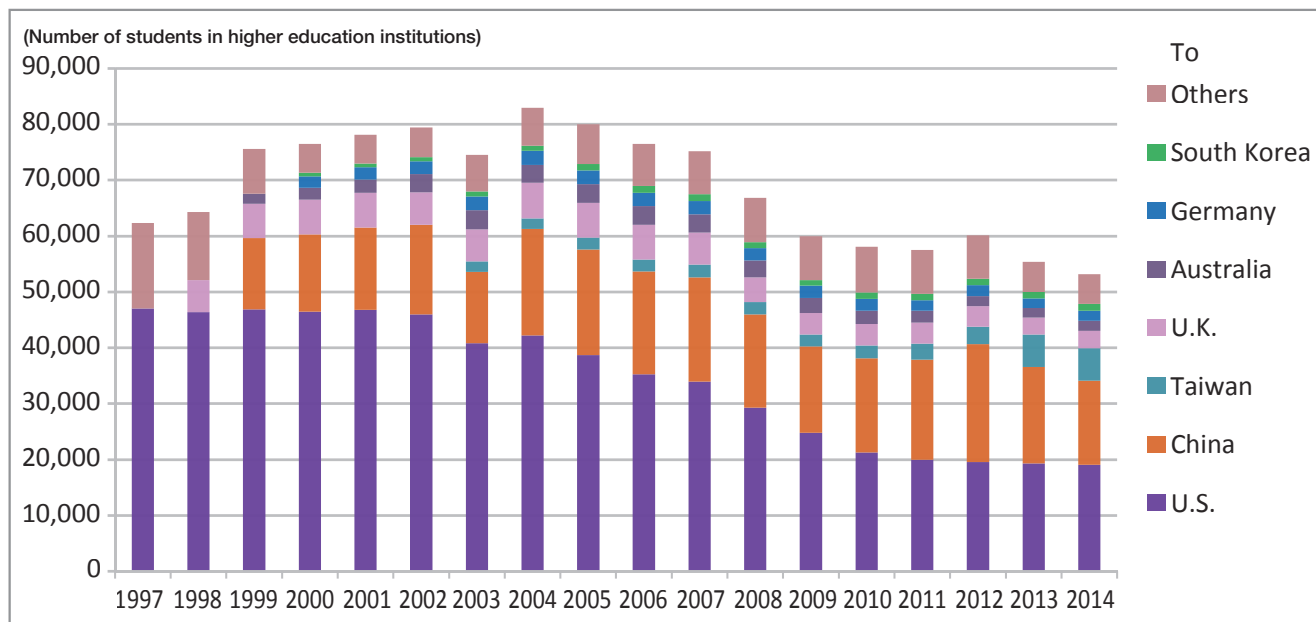
(Number of students in higher education institutions)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
China	71,277	72,766	79,082	86,173	87,533	86,324	81,884	77,792	74,921	75,262
Vietnam	2,582	2,873	3,199	3,597	4,033	4,373	6,290	11,174	20,131	28,579
S. Korea	17,274	18,862	19,605	20,202	17,640	16,651	15,304	13,940	13,397	13,571
Nepal	1,309	1,476	1,628	1,829	2,016	2,451	3,188	5,291	8,691	13,456
Taiwan	4,686	5,082	5,332	5,297	4,571	4,617	4,719	4,971	5,610	6,401
U.S.	1,805	2,024	2,230	2,348	1,456	2,133	2,083	1,975	2,223	2,428
Germany	449	479	450	554	393	566	599	674	804	836
U.K.	370	400	427	452	364	429	452	454	426	477
Others	18,746	19,867	20,767	21,322	20,069	20,212	21,000	22,914	25,859	30,112
Total	118,498	123,829	132,720	141,774	138,075	137,756	135,519	139,185	152,062	171,122

Source: Japan Student Services Organization http://www.jasso.go.jp/statistics/intl_student/ichiran.html

4-8 Overseas Japanese in Higher Education Institutions

海外高等教育機関への日本人留学生



Sources: Ministry of Education, Culture, Sports, Science and Technology http://www.mext.go.jp/a_menu/koutou/ryugaku/1345878.htm
 Institute of International Education (IIE) <https://www.iie.org/Research-and-Insights/Open-Doors/Fact-Sheets-and-Infographics/Leading-Places-of-Origin-Fact-Sheets/2016>

Overseas Japanese in Higher Education Institutions

(Number of students in higher education institutions)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
U.S.	47,073	46,406	46,872	46,497	46,810	45,960	40,835	42,215	38,712	35,282	33,974	29,264	24,842	21,290	19,966	19,568	19,334	19,064
China	N/A	N/A	12,784	13,806	14,692	16,084	12,765	19,059	18,874	18,363	18,640	16,733	15,409	16,808	17,961	21,126	17,226	15,057
Taiwan	N/A	N/A	N/A	N/A	N/A	N/A	1,825	1,879	2,126	2,188	2,297	2,182	2,142	2,302	2,861	3,097	5,798	5,816
U.K.	N/A	5,686	6,150	6,163	6,206	5,741	5,729	6,395	6,179	6,200	5,706	4,465	3,871	3,851	3,705	3,633	3,071	3,089
Australia	N/A	N/A	1,796	2,200	2,407	3,271	3,462	3,172	3,380	3,305	3,249	2,974	2,701	2,413	2,117	1,855	1,732	1,817
Germany	N/A	N/A	N/A	2,040	2,182	2,317	2,438	2,547	2,470	2,377	2,385	2,234	2,140	2,135	1,867	1,955	1,658	1,777
S. Korea	N/A	N/A	N/A	613	697	721	938	914	1,106	1,212	1,235	1,062	989	1,147	1,190	1,107	1,154	1,212
Others	15,251	12,192	7,984	5,145	5,157	5,361	6,559	6,764	7,176	7,565	7,670	7,919	7,829	8,114	7,834	7,797	5,377	5,365
Total	62,324	64,284	75,586	76,464	78,151	79,455	74,551	82,945	80,023	76,492	75,156	66,833	59,923	58,060	57,501	60,138	55,350	53,197

Notes: U.S.: Foreign students are comprised of students that are enrolled in U.S. higher education institutions who do not have U.S. citizenship, including permanent residents.

China: Foreign students are comprised of students with a student visa (study period is 180 days or more) or visitor visa (study period is less than 180 days) who are enrolled in Chinese higher education institutions.

Taiwan: Foreign students are comprised of students who are enrolled in Taiwanese higher education institutions, including short-term students.

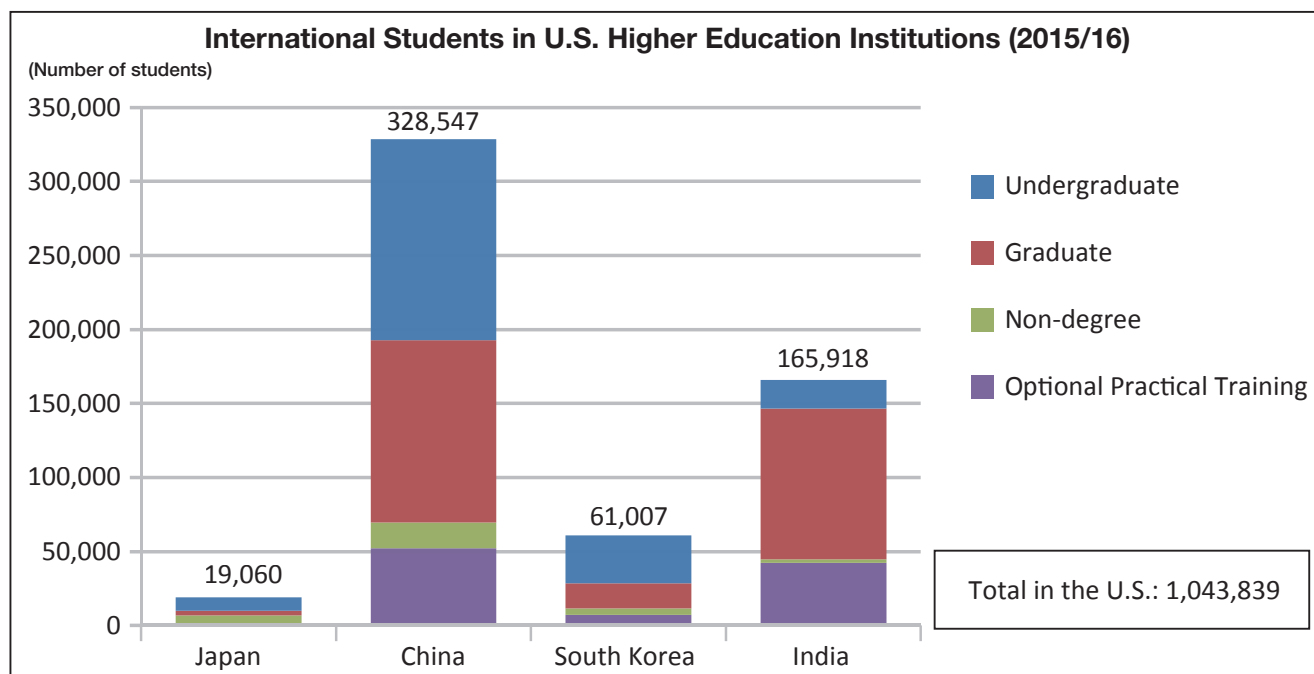
Others: From 2013, foreign students are comprised of students in higher education institutions who moved from a previous country of residence or origin to another country for the purpose of studying abroad for a degree; does not include short-term students such as those in exchange programs.

Until 2012 statistics, foreign students are comprised of students who are not citizens of the host country.

Sources: Ministry of Education, Culture, Sports, Science and Technology http://www.mext.go.jp/a_menu/koutou/ryugaku/1345878.htm
 Institute of International Education (IIE) <https://www.iie.org/Research-and-Insights/Open-Doors/Fact-Sheets-and-Infographics/Leading-Places-of-Origin-Fact-Sheets/2016>

4-9 International Students in the U.S.

在米外国人留学生



Source: IIE <http://www.iie.org/Research-and-Publications/Open-Doors/Data/International-Students#.V47N1rh97IU>

International Students in U.S. Higher Education Institutions (2015/16)

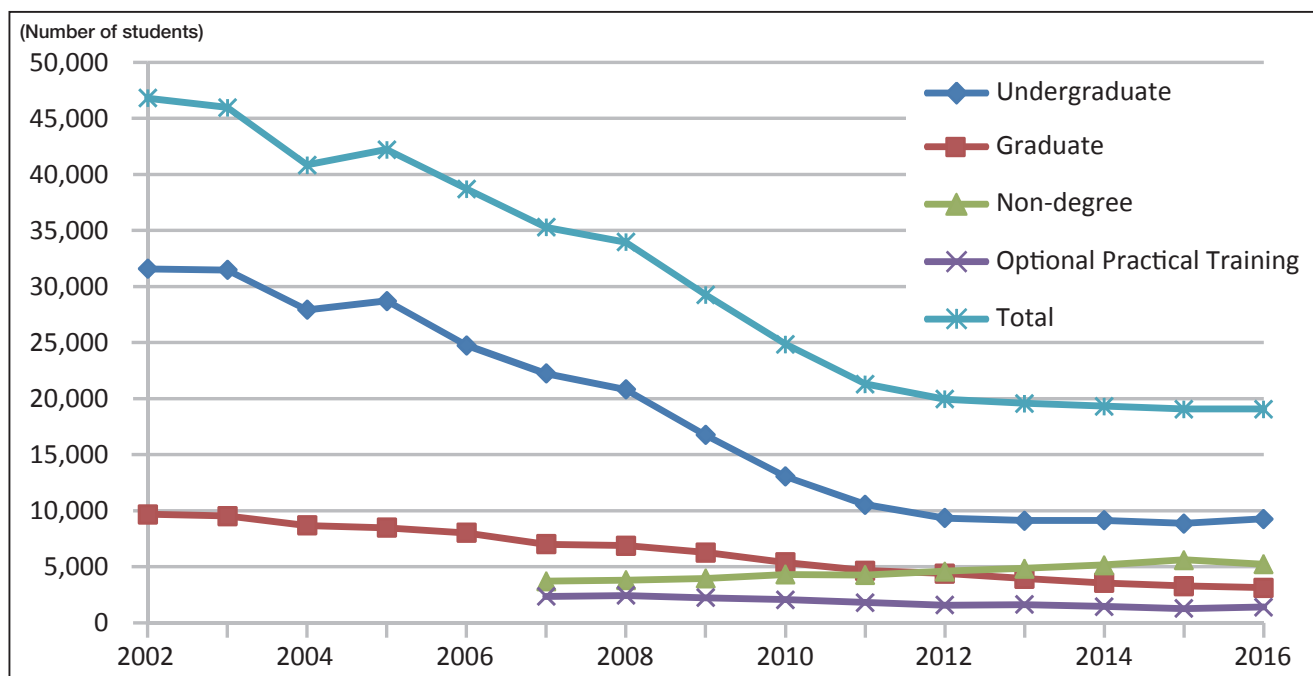
(Number of students)

	Undergraduate	Graduate	Non-degree	Optional Practical Training	Total
China	135,629	123,250	17,475	52,193	328,547
India	19,302	101,850	2,438	42,328	165,918
S. Korea	32,695	16,613	4,660	7,039	61,007
Japan	9,285	3,125	5,234	1,416	19,060
Others	230,402	139,097	55,286	44,522	469,307
Total	427,313	383,935	85,093	147,498	1,043,839

Source: IIE <http://www.iie.org/Research-and-Publications/Open-Doors/Data/International-Students#.V47N1rh97IU>

4-10 Japanese Students in the U.S. by Academic Level

学位別在米日本人留学生



Source: IIE <http://www.iie.org/Research-and-Publications/Open-Doors/Data/International-Students/By-Academic-Level-and-Place-of-Origin>

Japanese Students in the U.S. by Academic Level

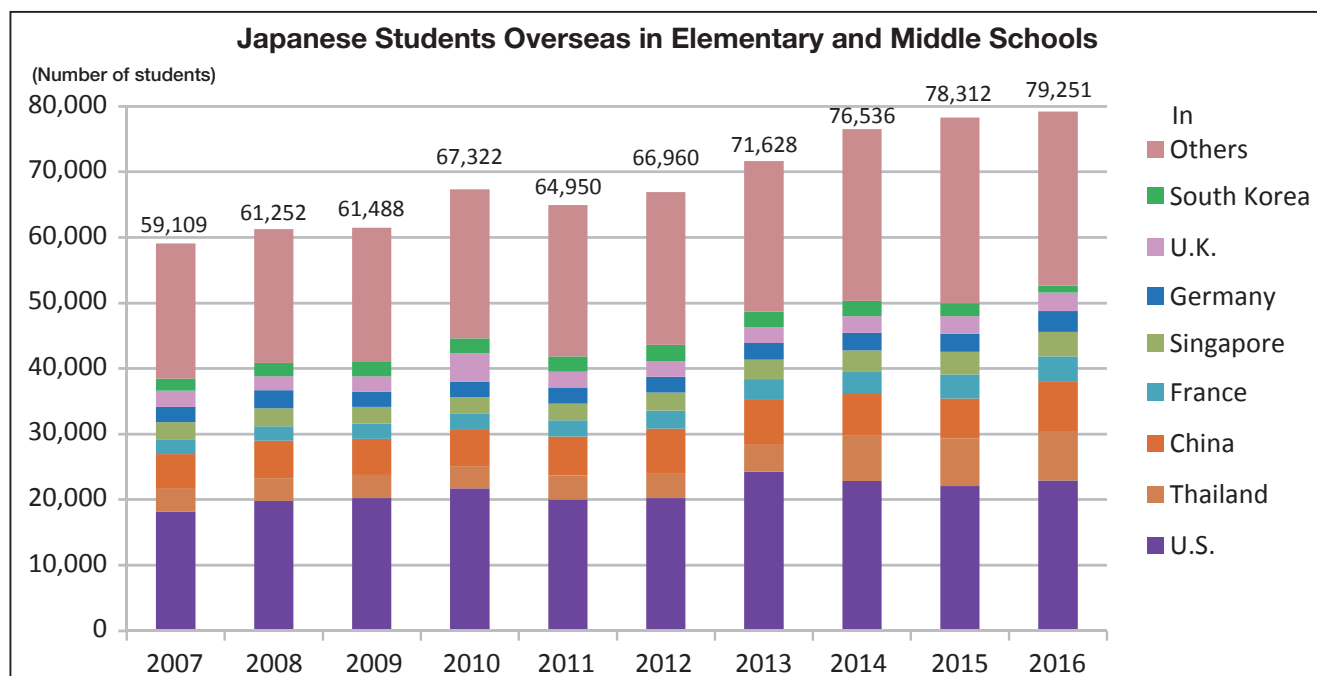
(Number of students)

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Undergraduate	31,588	31,489	27,925	28,708	24,759	22,247	20,831	16,770	13,063	10,544	9,359	9,126	9,155	8,877	9,285
Graduate	9,691	9,516	8,681	8,497	8,025	7,008	6,878	6,287	5,390	4,650	4,403	3,944	3,562	3,290	3,125
Non-degree	N/A	N/A	N/A	N/A	N/A	3,677	3,806	3,970	4,321	4,276	4,611	4,868	5,159	5,612	5,234
Optional Practical Training	N/A	N/A	N/A	N/A	N/A	2,350	2,459	2,237	2,068	1,820	1,593	1,630	1,458	1,285	1,416
Total	46,810	45,960	40,835	42,215	38,712	35,282	33,974	29,264	24,842	21,290	19,966	19,568	19,334	19,064	19,060

Source: IIE <http://www.iie.org/Research-and-Publications/Open-Doors/Data/International-Students/By-Academic-Level-and-Place-of-Origin>

4-11 Overseas Japanese in Elementary and Middle Schools

在留邦人子女数(小中学生)

Source: Ministry of Foreign Affairs <http://www.mofa.go.jp/mofaj/toko/tokei/index.html>**Japanese Students Overseas in Elementary and Middle Schools**

(Number of students)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
U.S.	18,219	19,788	20,268	21,700	20,011	20,233	24,289	22,842	22,099	22,932
Thailand	3,403	3,515	3,508	3,393	3,681	3,838	4,039	6,916	7,220	7,388
China	5,310	5,708	5,499	5,689	5,937	6,739	6,876	6,479	6,084	7,626
France	2,280	2,204	2,343	2,309	2,509	2,785	3,158	3,336	3,661	3,905
Singapore	2,624	2,697	2,548	2,511	2,521	2,720	2,992	3,226	3,513	3,721
Germany	2,339	2,772	2,322	2,338	2,485	2,394	2,520	2,652	2,761	3,222
U.K.	2,423	2,126	2,315	4,396	2,344	2,467	2,446	2,563	2,648	2,824
S. Korea	1,835	2,079	2,215	2,256	2,393	2,435	2,375	2,294	2,017	1,071
Others	20,676	20,363	20,470	22,730	23,069	23,349	22,933	26,228	28,309	26,562
Total	59,109	61,252	61,488	67,322	64,950	66,960	71,628	76,536	78,312	79,251

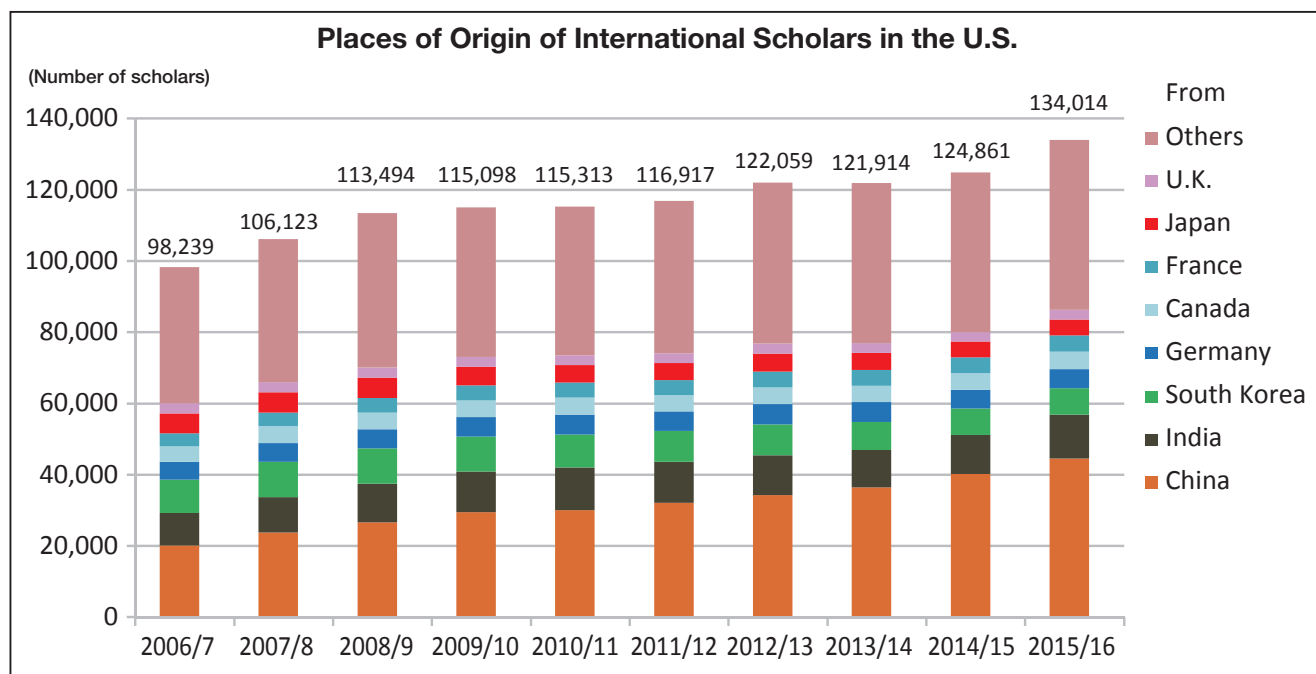
<Reference>

Total of Japanese residents overseas	1,085,671	1,116,993	1,131,807	1,143,357	1,182,557	1,249,577	1,258,263	1,290,175	1,317,078	1,338,477
--------------------------------------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

Source: Ministry of Foreign Affairs <http://www.mofa.go.jp/mofaj/toko/tokei/index.html>

4-12 International Scholars in the U.S.

在米外国人研究者数

Source: IIE <https://www.iie.org/Research-and-Insights/Open-Doors/Data/International-Scholars>**Places of Origin of International Scholars in the U.S.**

(Number of scholars)

	2006/7	2007/8	2008/9	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
China	20,149	23,779	26,645	29,471	30,093	32,120	34,230	36,409	40,193	44,490
India	9,138	9,959	10,814	11,453	11,930	11,467	11,184	10,506	10,937	12,379
S. Korea	9,291	9,888	9,975	9,796	9,257	8,769	8,696	7,934	7,415	7,395
Germany	5,039	5,269	5,300	5,476	5,588	5,477	5,710	5,546	5,318	5,345
Canada	4,398	4,758	4,692	4,694	4,745	4,493	4,741	4,551	4,611	4,976
France	3,588	3,802	4,171	4,182	4,223	4,287	4,409	4,525	4,511	4,545
Japan	5,557	5,692	5,635	5,250	4,968	4,783	5,041	4,705	4,394	4,478
U.K.	2,877	2,823	2,846	2,768	2,772	2,741	2,787	2,805	2,635	2,687
Others	38,202	40,153	43,416	42,008	41,737	42,780	45,261	44,933	44,847	47,719
Total	98,239	106,123	113,494	115,098	115,313	116,917	122,059	121,914	124,861	134,014

Source: IIE <https://www.iie.org/Research-and-Insights/Open-Doors/Data/International-Scholars>

4-13 University Rankings

大学ランキング

The Times Higher Education World University Rankings (2017/18)

	Institution	Country
1	University of Oxford	U.K.
2	University of Cambridge	U.K.
3	California Institute of Technology	U.S.
3	Stanford University	U.S.
5	Massachusetts Institute of Technology	U.S.
6	Harvard University	U.S.
7	Princeton University	U.S.
8	Imperial College London	U.K.
9	University of Chicago	U.S.
10	ETH Zurich-Swiss Federal Institute of Technology Zurich	Switzerland

	Institution	Country
10	University of Pennsylvania	U.S.
12	Yale University	U.S.
13	Johns Hopkins University	U.S.
14	Columbia University	U.S.
15	University of California, Los Angeles	U.S.
16	University College London	U.K.
17	Duke University	U.S.
18	University of California, Berkeley	U.S.
19	Cornell University	U.S.
20	Northwestern University	U.S.

46 University of Tokyo **Japan**

74 Kyoto University **Japan**

Source: Times Higher Education World University Rankings
<http://www.thewur.com>

TOEFL iBT Total Score Means (2016)

<AFRICA>

Botswana	87
Mauritius	92
S. Africa	99
Zimbabwe	93

<AMERICAS>

Canada	95
Costa Rica	93
U.S.	89
Uruguay	94

<MIDDLE EAST>

Bahrain	88
Israel	92
Lebanon	88

<EUROPE>

Austria	99
Germany	97
Ireland	100
Netherlands	99
U.K.	94

<ASIA/PACIFIC REGION>

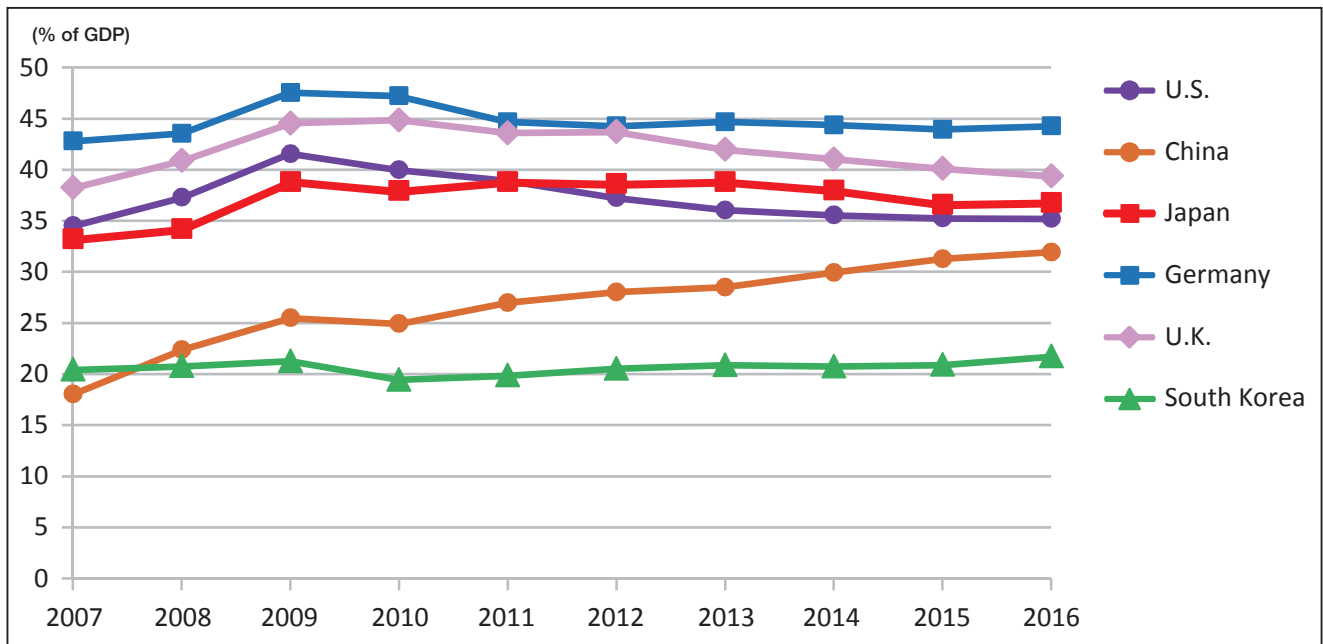
China	79
India	93
Japan	71
New Zealand	96
Singapore	96
S. Korea	84

Notes: Native country refers to the country of birth. Because of the unreliability of statistics based on small samples, means are not reported for subgroups of less than 30.

Source: Educational Testing Service <http://www.ets.org/toefl/research/>

5-1 General Government Spending to GDP

一般政府支出(対GDP比)



Note: Total expenditure consists of total expense and the net acquisition of nonfinancial assets.

Source: IMF <https://www.imf.org/external/pubs/ft/weo/2017/01/weodata/index.aspx>

General Government Spending to GDP

(% of GDP)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
U.S.	34.5	37.3	41.6	40.0	39.0	37.3	36.0	35.6	35.3	*35.2
China	18.1	22.4	25.5	25.0	27.0	28.1	28.5	29.0	31.3	*32.0
Japan	33.2	34.2	38.9	38.0	38.9	38.7	38.9	38.0	36.6	*36.8
Germany	42.8	43.6	47.6	47.3	44.7	44.3	44.7	44.4	44.0	44.3
U.K.	38.3	40.9	44.6	44.9	43.6	43.7	42.0	41.1	40.1	39.4
S. Korea	20.5	20.8	21.3	19.5	19.9	20.6	20.9	20.8	20.9	*21.8

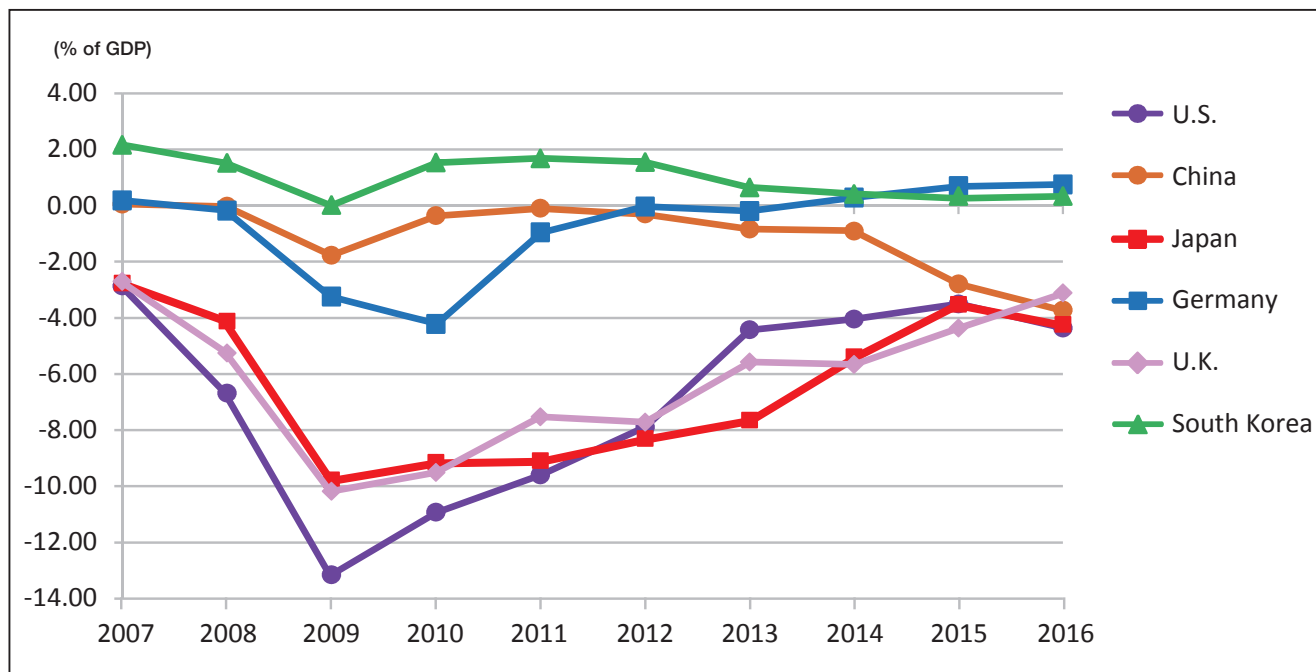
*estimate

Note: Total expenditure consists of total expense and the net acquisition of nonfinancial assets.

Source: IMF <https://www.imf.org/external/pubs/ft/weo/2017/01/weodata/index.aspx>

5-2 Government Budget Balance to GDP

財政収支(対GDP比)



Note: Government budget balance is net lending/borrowing. Source: IMF <http://www.imf.org/external/pubs/ft/weo/2017/01/weodata/index.aspx>

Government Budget Balance to GDP

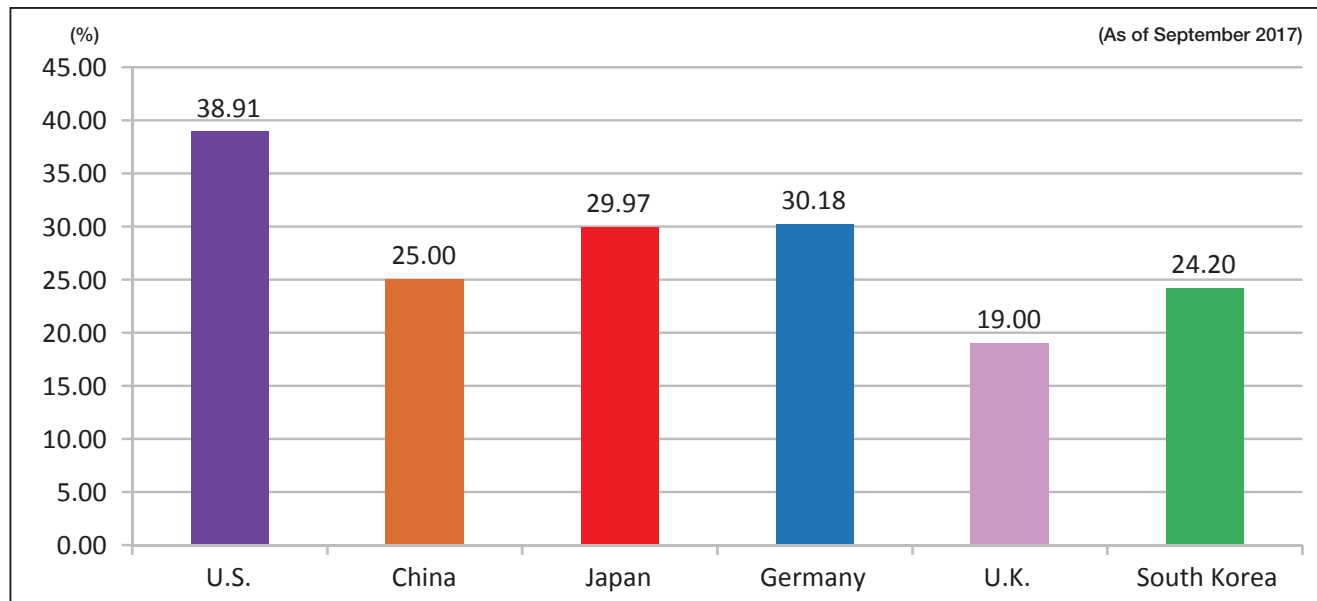
(% of GDP)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
U.S.	-2.86	-6.68	-13.15	-10.93	-9.59	-7.88	-4.42	-4.04	-3.50	*-4.36
China	0.06	-0.03	-1.77	-0.36	-0.10	-0.30	-0.83	-0.91	-2.79	*-3.72
Japan	-2.76	-4.12	-9.78	-9.15	-9.09	-8.30	-7.64	-5.39	-3.51	*-4.24
Germany	0.19	-0.18	-3.24	-4.22	-0.96	-0.03	-0.19	0.29	0.69	0.76
U.K.	-2.70	-5.25	-10.18	-9.50	-7.52	-7.71	-5.57	-5.65	-4.36	-3.11
S. Korea	2.17	1.52	0.02	1.53	1.69	1.56	0.65	0.42	0.34	*0.34

*estimate Source: IMF <http://www.imf.org/external/pubs/ft/weo/2017/01/weodata/index.aspx>

5-3 Effective Corporate Tax Rates (2017)

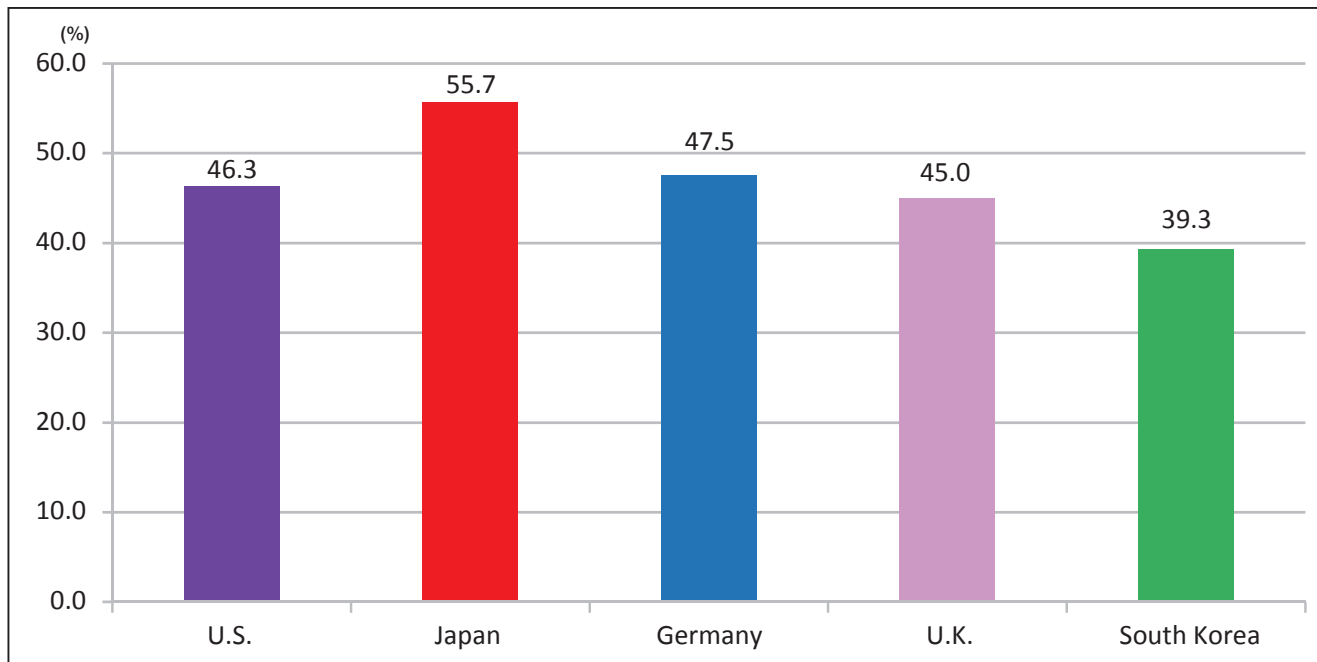
法人実効税率



Notes: U.S. utilizes the sub-central rate, a weighted average of state corporate income tax rates. China's rate is as of January 2017. Japan and the U.K. have a non-calendar tax year.

Sources: OECD <http://www.oecd.org/tax/tax-policy/tax-database.htm>

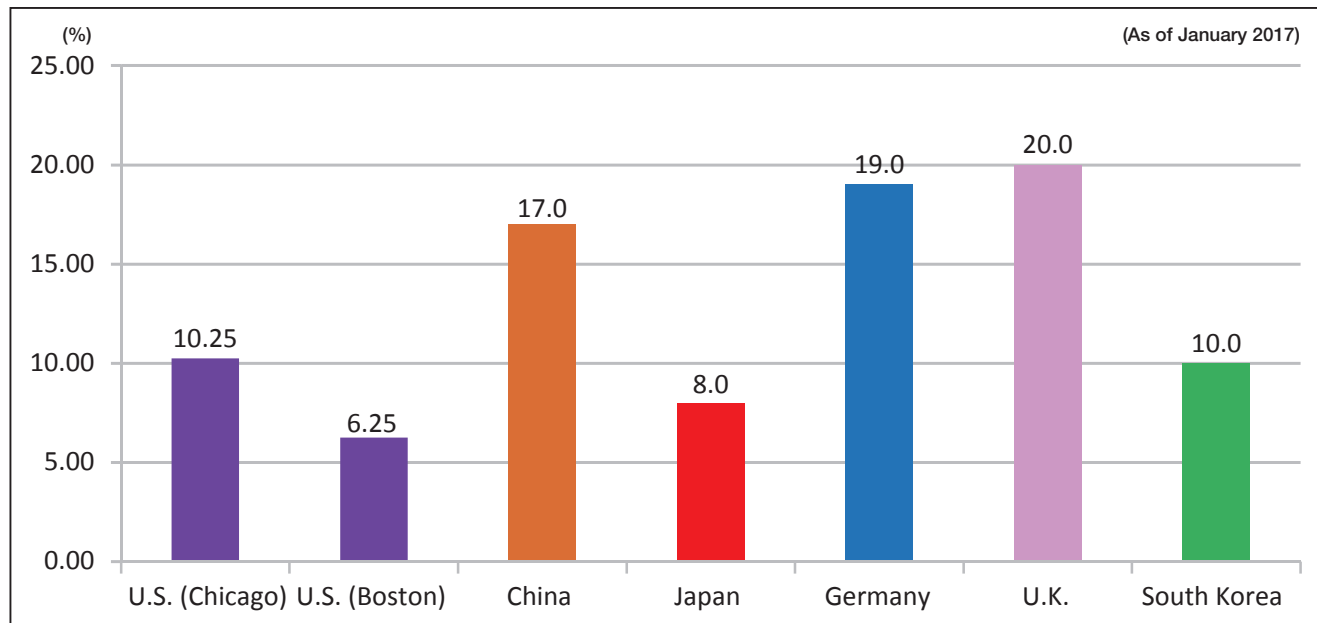
Ministry of Finance https://www.mof.go.jp/tax_policy/summary/corporation/084.htm



Source: OECD <http://www.oecd.org/tax/tax-policy/tax-database.htm>

5-5 Value-Added Tax Rates

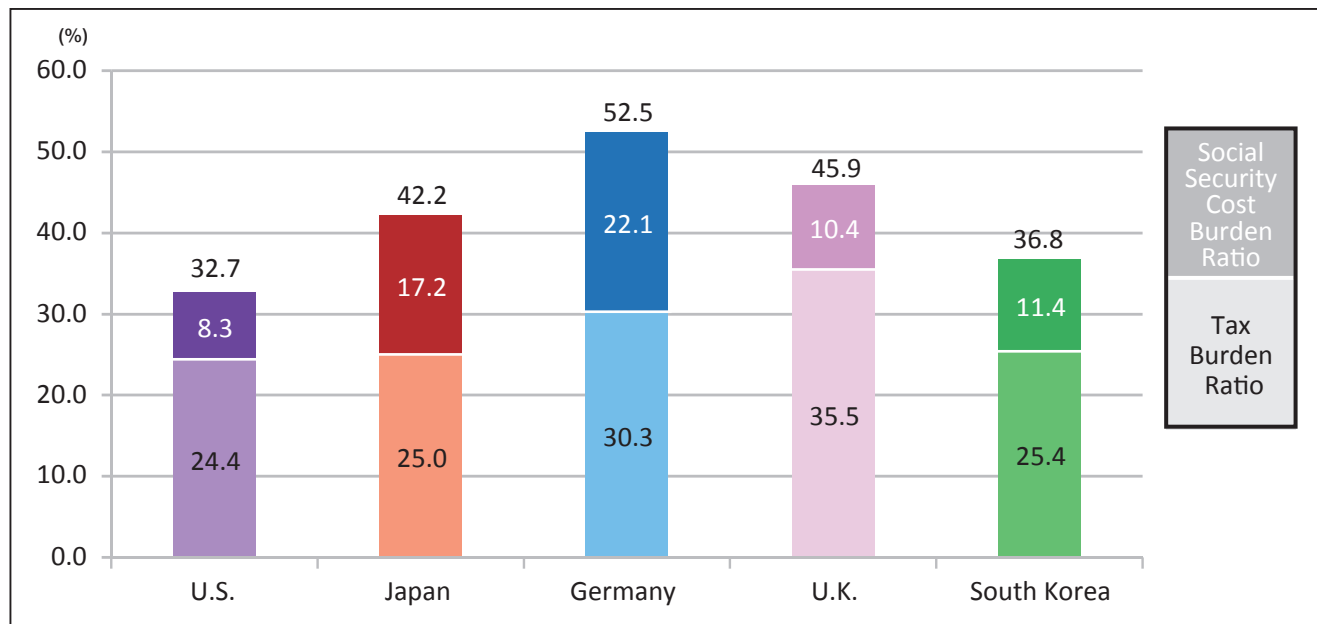
付加価値税率



Note: U.S. rates are as of July 2016.

Sources: Ministry of Finance https://www.mof.go.jp/tax_policy/summary/consumption/103.htm

Tax Foundation <https://taxfoundation.org/sales-tax-rates-major-cities-midyear-2016/>

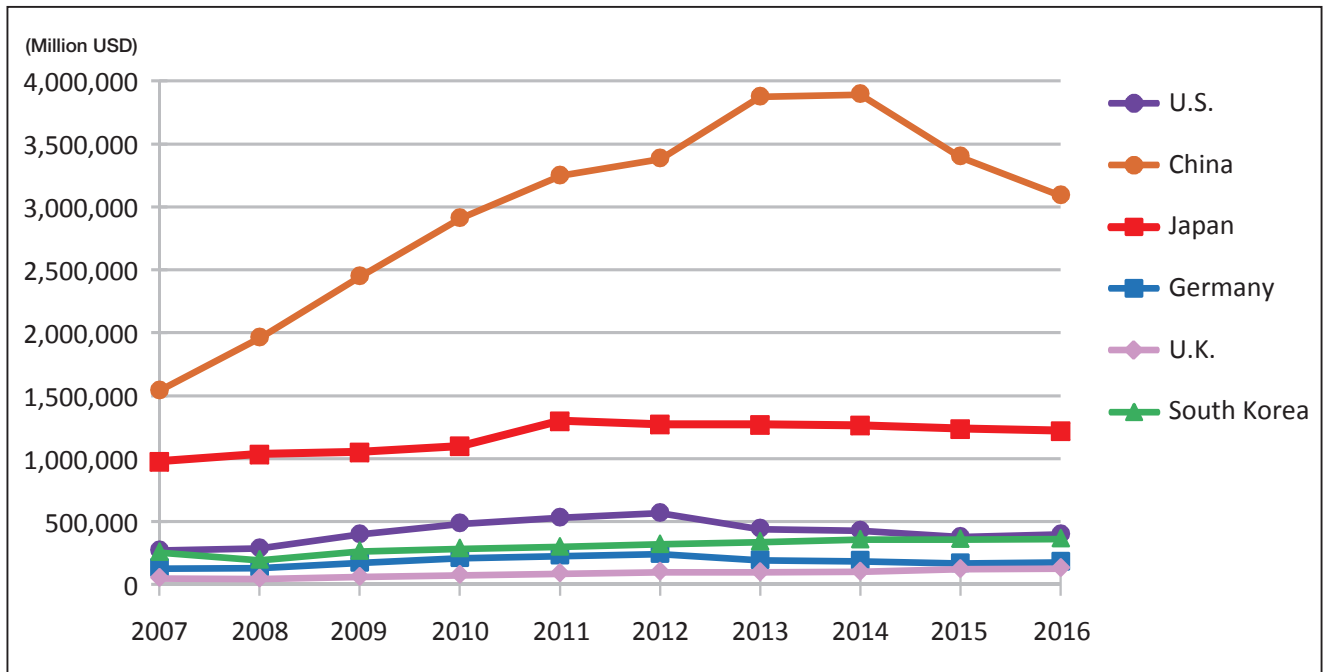


Note: National burden ratio is the proportion of tax and social security burden to national income.

Source: Ministry of Finance https://www.mof.go.jp/tax_policy/summary/condition/238.htm

5-7 Foreign Exchange Reserves

外貨準備高



Note: Includes gold. Source: World Bank <http://data.worldbank.org/indicator/FI.RES.TOTL.CD>

Foreign Exchange Reserves

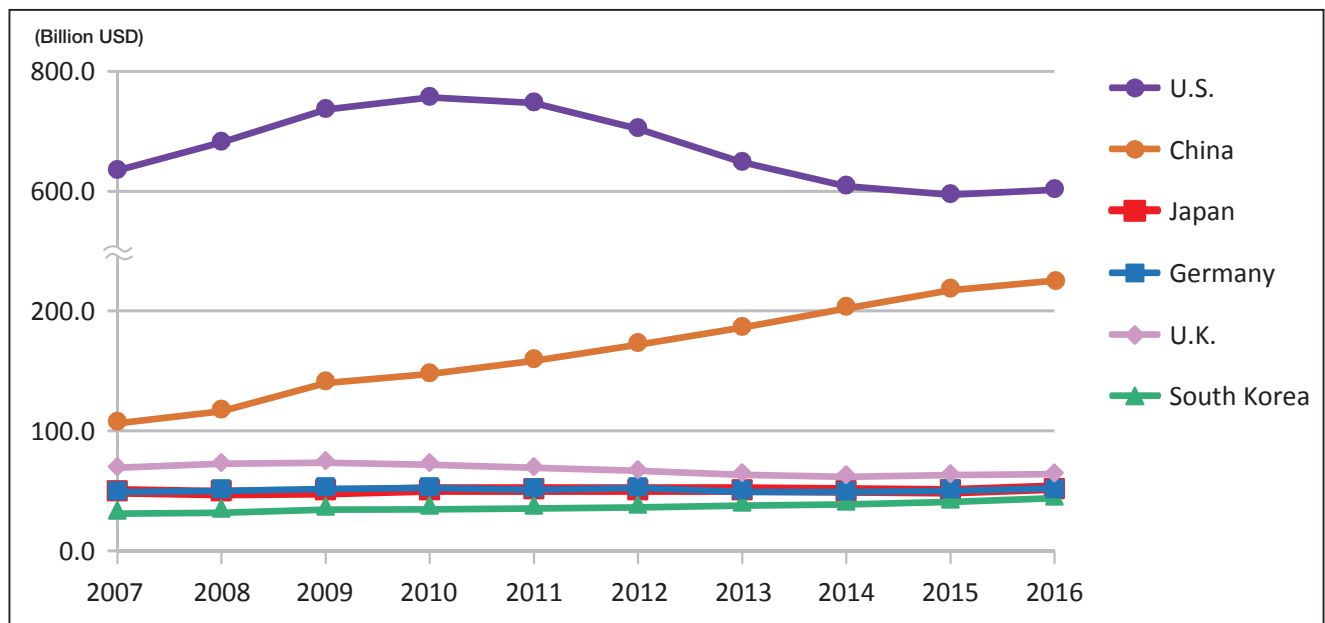
(Million USD)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
U.S.	277,549	294,046	404,099	488,928	537,267	574,268	448,509	434,416	383,728	405,942
China	1,546,365	1,966,037	2,452,899	2,913,712	3,254,674	3,387,513	3,880,368	3,900,039	3,405,253	3,097,658
Japan	973,297	1,030,763	1,048,991	1,096,069	1,295,839	1,268,086	1,266,851	1,260,680	1,233,098	1,216,519
Germany	135,932	138,564	179,040	215,978	234,104	248,856	198,535	193,485	173,731	184,031
U.K.	57,275	53,024	66,550	82,365	94,544	105,194	104,419	107,728	129,601	134,932
S. Korea	262,533	201,545	270,437	292,143	306,935	327,724	345,694	362,835	366,707	370,154

Note: Includes gold. Source: World Bank <http://data.worldbank.org/indicator/FI.RES.TOTL.CD>

5-8 Military Expenditure

軍事支出



Notes: Figures are in billion USD at constant 2015 prices and exchange rates, except for the last figure, which is in billion USD at 2016 prices and exchange rates. Figures of China are SIPRI estimates.

Source: SIPRI Military Expenditure Database 2017 <https://www.sipri.org/databases/milex>

Military Expenditure

(Billion USD, % of GDP)

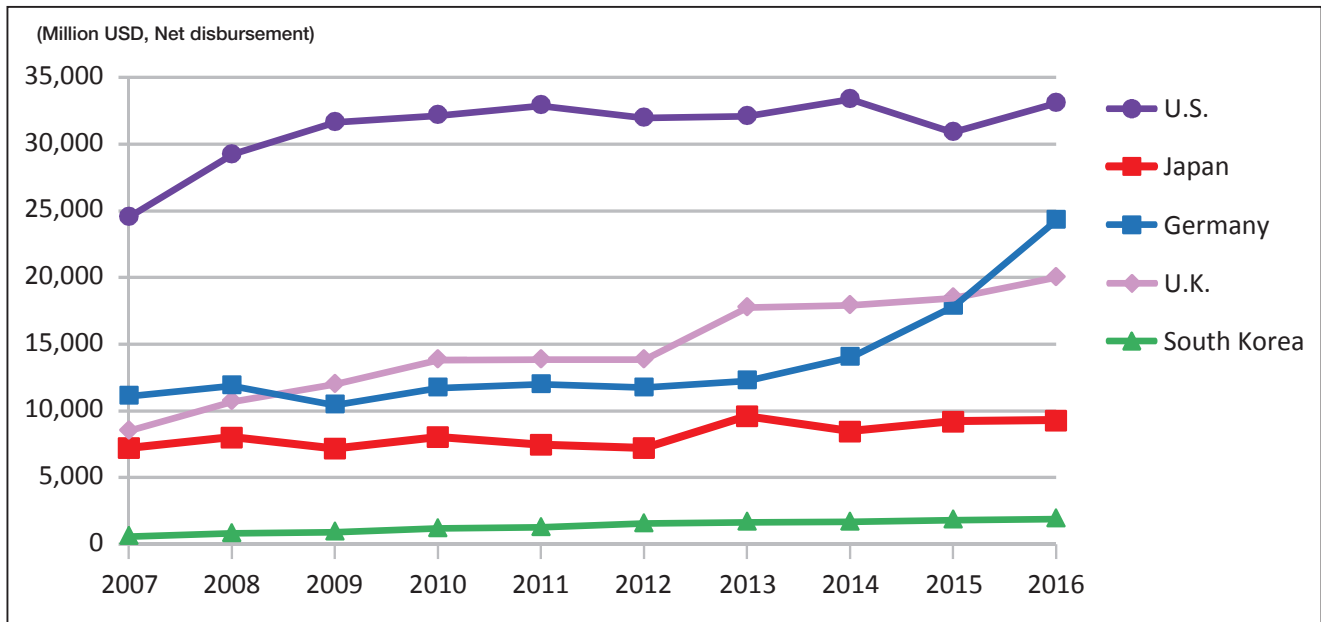
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
U.S.	636.7 (3.8%)	683.8 (4.2%)	738.6 (4.6%)	758.9 (4.7%)	749.5 (4.6%)	706.9 (4.2%)	650.9 (3.8%)	610.6 (3.5%)	596.0 (3.3%)	606.2 (3.3%)
China	103.7 (1.9%)	113.5 (1.9%)	137.5 (2.1%)	144.5 (1.9%)	156.0 (1.9%)	169.4 (1.9%)	185.2 (1.9%)	200.9 (1.9%)	214.1 (1.9%)	225.7 (1.9%)
Japan	40.6 (0.9%)	40.2 (1.0%)	40.9 (1.0%)	41.1 (1.0%)	41.6 (1.0%)	41.1 (1.0%)	40.9 (1.0%)	41.2 (1.0%)	41.1 (1.0%)	41.6 (1.0%)
Germany	38.4 (1.2%)	39.5 (1.3%)	41.0 (1.4%)	41.4 (1.4%)	40.2 (1.3%)	41.2 (1.3%)	38.8 (1.2%)	38.6 (1.2%)	39.8 (1.2%)	41.0 (1.2%)
U.K.	61.6 (2.2%)	64.4 (2.4%)	65.6 (2.5%)	64.2 (2.4%)	61.5 (2.3%)	58.9 (2.2%)	56.4 (2.1%)	54.9 (2.0%)	53.9 (1.9%)	54.2 (1.9%)
S. Korea	27.7 (2.5%)	29.5 (2.6%)	31.4 (2.7%)	31.6 (2.6%)	32.1 (2.6%)	32.9 (2.6%)	33.9 (2.6%)	35.0 (2.6%)	36.4 (2.6%)	37.3 (2.7%)
World Total	1,474	1,559	1,661	1,685	1,687	1,688	1,666	1,659	1,648	1,649

Notes: Figures are in billion USD at constant 2015 prices and exchange rates, except for the last figure, which is in billion USD at 2016 prices and exchange rates. Figures of China are SIPRI estimates.

Source: SIPRI Military Expenditure Database 2017 <https://www.sipri.org/databases/milex>

5-9 ODA (Official Development Assistance)

ODA純支出額



Notes: Net means the total amount disbursed minus payments of interest.

The Republic of Korea became a member of DAC (Development Assistance Committee) as of January 1, 2010.

Source: OECD <https://data.oecd.org/oda/net-oda.htm#indicator-chart>

ODA (Official Development Assistance)

(Million USD, Net disbursement)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
U.S.	24,621	29,301	31,714	32,228	32,971	32,046	32,169	33,452	30,986	33,160
Japan	7,218	8,012	7,165	8,038	7,457	7,210	9,588	8,459	9,203	9,287
Germany	11,188	11,978	10,534	11,817	12,086	11,823	12,343	14,122	17,940	24,408
U.K.	8,588	10,786	12,073	13,912	13,923	13,932	17,826	17,991	18,545	20,095
S. Korea	669	895	1,009	1,276	1,358	1,649	1,746	1,767	1,915	1,980
DAC Total	100,330	112,242	114,281	120,630	119,673	115,308	121,838	123,946	131,555	143,329

Notes: Net means the total amount disbursed minus payments of interest.

The Republic of Korea became a member of DAC (Development Assistance Committee) as of January 1, 2010.

Source: OECD <https://data.oecd.org/oda/net-oda.htm#indicator-chart>

5-10 Gross Domestic Expenditure on R&D by Source (2015)

各国の研究開発投資(拠出元別)

(Million USD, % by Sector)

	Total	Business enterprise		Government		Higher education		Others	
U.S.	502,893	322,617	(64.2%)	120,874	(24.0%)	17,127	(3.4%)	42,275	(8.4%)
China	408,829	305,501	(74.7%)	86,937	(21.3%)	N/A		16,391	(4.0%)
Japan	170,082	132,617	(78.0%)	26,182	(15.4%)	9,213	(5.4%)	2,070	(1.2%)
Germany	*110,170	*72,539	(65.8%)	*31,784	(29.1%)	N/A		*5,847	(5.3%)
U.K.	46,297	22,404	(48.4%)	12,954	(28.0%)	572	(1.2%)	10,367	(22.4%)
S. Korea	74,218	55,326	(74.5%)	17,562	(23.7%)	478	(0.6%)	852	(1.1%)

*2014

Notes: U.S. and U.K. data are provisional. U.S. data excludes capital expenditure. Gross domestic spending on R&D is defined as the total expenditure (current and capital) on R&D carried out by all resident companies, research institutes, university and government laboratories, etc., in a country.

Source: OECD http://stats.oecd.org/Index.aspx?DataSetCode=GERD_FUNDS



(km²)

1	Russia	17,098,246
2	Canada	9,984,670
3	U.S.	9,833,517
4	China	9,600,000
5	Brazil	8,515,767
6	Australia	7,692,024
7	India	3,287,263
8	Argentina	2,780,400
9	Kazakhstan	2,724,902
10	Algeria	2,381,741

11	Congo (DRC)	2,344,858
12	Saudi Arabia	2,206,714
13	Greenland	2,166,086
14	Mexico	1,964,375
15	Indonesia	1,910,931
16	Libya	1,676,198
17	Iran	1,628,750
18	Mongolia	1,564,116
19	Peru	1,285,216
20	Chad	1,284,000

Japan	377,930
Germany	357,376
U.K.	242,495
S. Korea	100,284

Note: Land area refers to total surface area.

Source: UN <http://unstats.un.org/unsd/demographic/products/dyb/dyb2014.htm>

Japan and the World 2017/18

A Pocket Guide in Figures

Japan and the World 2017/18

Order copies by contacting Keizai Koho Center at
pocketguide@kkc.or.jp

Keizai Koho Center

(Japan Institute for Social and Economic Affairs)

Keidanren Kaikan 19F, 1-3-2 Otemachi

Chiyoda-ku, Tokyo 100-0004 JAPAN

URL: <http://www.kkc.or.jp/english/>

About Keizai Koho Center

Since 1978, Keizai Koho Center (Japan Institute for Social and Economic Affairs, KKC) has served as a bridge for the Japanese business community to interact with its key stakeholders inside and outside Japan. With a wide range of domestic and international programs, KKC has developed a worldwide network encompassing businesses leaders, lawmakers, government officials, journalists, university scholars, and school teachers.

Japan and the World 2017/18 英文国際比較統計集

2017年12月1日 初版第1刷

印刷所：光写真印刷株式会社

発行者：渡辺 良

発行所：一般財団法人経済広報センター

〒100-0004 東京都千代田区大手町1-3-2 経団連会館19階

電話: 03-6741-0031 FAX: 03-6741-0032

乱丁・落丁本はお取替えいたします。

ISBN : 978-4-87605-049-9

Chapter 1
Economic and
Financial Indicators

Chapter 2
Population and
Labor Markets

Chapter 3
Trade and
Investment

Chapter 4
Education and
People Exchange

Chapter 5
Government Budget,
Tax and Other Data



9784876050499



1920033010007

ISBN978-4-87605-049-9
C0033 ¥1000E

定価 本体 1000円 + 税