

Japan and the World 2019/20

A Pocket Guide in Figures

Japan and the World 2019/20

A Pocket Guide in Figures

Japan and the World 2019/20
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
Arihiro Yokota, Chikako Yoshioka,
Ikuyo Watanabe and Rie Sakagoshi.

© 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.
<http://en.kkc.or.jp/>

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 産業別 GDP 構成比	8-9
1-5	GDP Composition by Expenditures 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 and NPISHs 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) Installations of Industrial Robots 産業用ロボット導入数	25
Chapter 2 Populations and Labor Markets		
2-1	Population 人口	26-27
2-2	Population (Ages 15-64) 人口（15-64 歳）	28-29
2-3	Population (Ages 65 and Older) 人口（65 歳以上）	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 年齢・性別雇用率	36
2-7	Part-time Employment Rate by Age and Gender 年齢・性別短時間雇用率	37
2-8	Labor Productivity 労働生産性	38-39
2-9	Foreign Workers in Japan 外国人労働者数	40-41

Chapter 3 Trade and Investment

3-1	Current Account Balance 経常収支	42-43
3-2	Trade Balance (Japan) 貿易収支（日本）	44-45
3-3	Japan's Major Trading Partners 日本の主な貿易相手国	46-47
3-4	Trade Balance (U.S.) 貿易収支（米国）	48
3-5	Trade Balance (China) 貿易収支（中国）	49
3-6	Trade Balance (Germany) 貿易収支（ドイツ）	50
3-7	Trade Balance (U.K.) 貿易収支（イギリス）	51
3-8	Trade Balance (India) 貿易収支（インド）	52
3-9	Trade Balance (South Korea) 貿易収支（韓国）	53
3-10	Trade Balance (Indonesia) 貿易収支（インドネシア）	54
3-11	Trade and Investment (U.S.-Japan-China) 日米中の貿易・投資	55
3-12	Outward Foreign Direct Investment (FDI) (Stock) 対外直接投資残高	56-57
3-13	Outward FDI (Flow) 対外直接投資フロー	58-59
3-14	Inward FDI (Stock) 対内直接投資残高	60-61
3-15	Inward FDI (Flow) 対内直接投資フロー	62-63
3-16	FDI (Japan) (Flow) 直接投資フロー（日本）	64-65
3-17	FDI (Japan) (Stock) 直接投資残高（日本）	66-67

3-18	FDI (U.S.) 直接投資（米国）	68-69
3-19	FDI (China) 直接投資（中国）	70-71
3-20	FDI (ASEAN) 直接投資（ASEAN）	72-73
3-21	FDI (EU) 直接投資（EU）	74-75
3-22	Outbound M&A 対外 M&A	76
3-23	Inbound M&A 対内 M&A	77
3-24	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	78
	(Editor's Choice) Electric Cars: New Sales and Market Share 電気自動車販売台数	79

Chapter 4 Education and People Exchange

4-1	Inbound Tourism 外国人訪問者数	80-81
4-2	Foreign Visitors to Japan 訪日外客数	82-83
4-3	Travel Spending by Foreign Travelers in Japan 訪日外国人旅行消費額	84-85
4-4	Outbound Tourism 外国旅行者数	86-87
4-5	Japanese Outbound Travelers 日本人出国者数	88-89
4-6	Foreign Students by Destination 各国の留学生受入れ数	90
4-7	Students Studying Abroad 各国の海外留学生数	91
4-8	Foreign Students in Japan 日本への留学生	92-93
4-9	Overseas Japanese in Higher Education Institutions 海外高等教育機関への日本人留学生	94-95
4-10	International Students in the U.S. 在米外国人留学生	96-97
4-11	Japanese Students in the U.S. by Academic Level 学位別在米日本人留学生	98-99
4-12	International Scholars in the U.S. 在米外国人研究者	100-101
4-13	University Rankings 大学ランキング	102

4-14	TOEFL Scores 国別 TOEFL スコア	103
------	------------------------------	-----

Chapter 5 Government Budget, Tax and Other Data

5-1	General Government Spending to GDP 一般政府支出（対 GDP 比）	104-105
5-2	Government Budget Balance to GDP 財政収支（対 GDP 比）	106-107
5-3	Tax Revenue Structure 税収構成比	108
5-4	Effective Corporate Tax Rates 法人実効税率	109
5-5	Top Marginal Personal Income Tax Rates 所得税最高税率	110
5-6	Value-Added Tax Rates 付加価値税率	111
5-7	Health Expenditure to GDP 医療支出対 GDP 比	112-113
5-8	Health Expenditure per Capita 一人当たり医療支出	114-115
5-9	National Burden Ratio 国民負担率	116
5-10	Gross Domestic Expenditure on R&D by Source 各国の研究開発投資（拠出元別）	117
5-11	PCT Patent Applications 国際特許出願（PCT 出願）数	118-119
5-12	Foreign Exchange Reserves 外貨準備高	120-121
5-13	Military Expenditure 軍事支出	122-123
5-14	ODA (Official Development Assistance) ODA 純支出額	124-125
5-15	Electricity Production by Source 電源別発電電力量の構成比	126
5-16	Primary Energy Consumption 一次エネルギー消費量	127
5-17	Land Area 国土面積	128
(Editor's Choice)	Participating Nations and Athletes of Summer Olympic Games 夏季オリンピック出場国・選手数	129
(Editor's Choice)	Participating Nations and Athletes of Winter Olympic Games 冬季オリンピック出場国・選手数	130

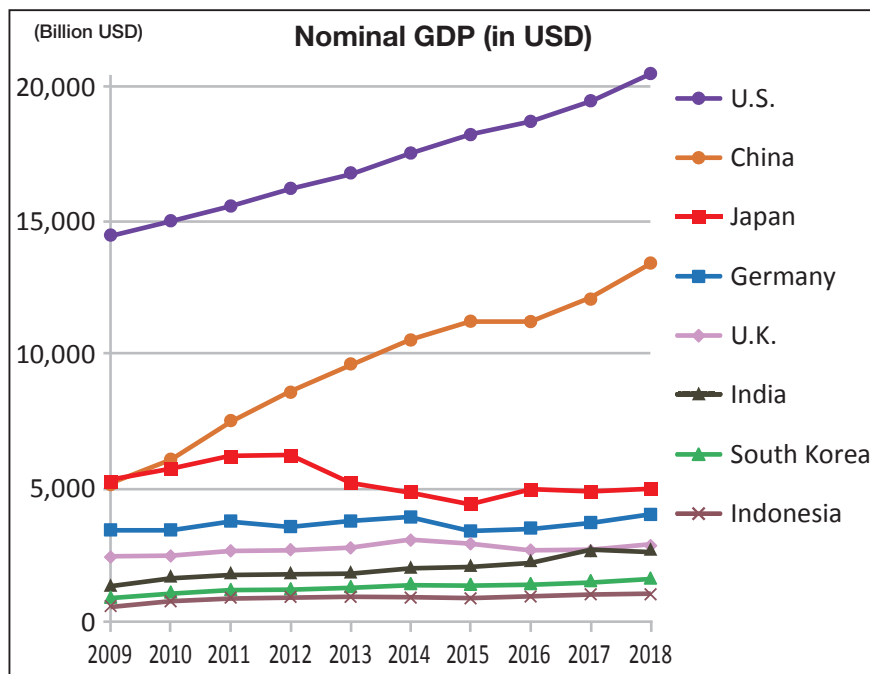
Japan and the World 2019/20

A Pocket Guide in Figures

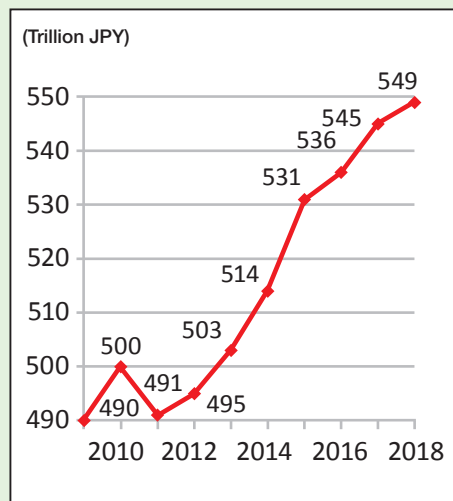
- Chapter 1 Economic and Financial Indicators
- Chapter 2 Populations and Labor Markets
- Chapter 3 Trade and Investment
- Chapter 4 Education and People Exchange
- Chapter 5 Government Budget, Tax and Other Data

1-1 GDP (Gross Domestic Product)

国内総生産



Japan's Nominal GDP (in JPY)



Nominal GDP (in USD)

(Billion USD)

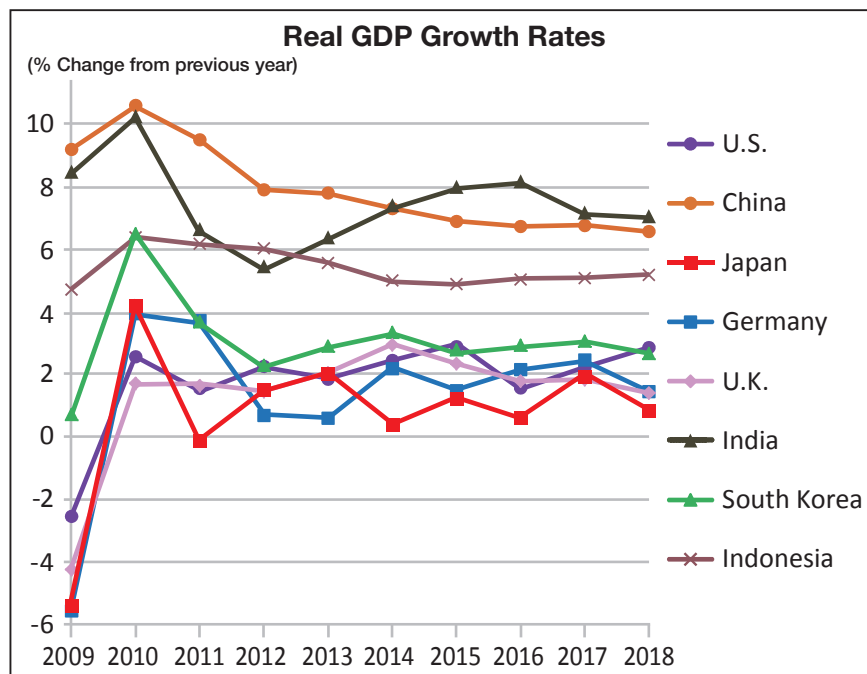
		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1	U.S.	14,449	14,992	15,543	16,197	16,785	17,522	18,219	18,707	19,485	20,494
2	China	5,122	6,066	7,522	8,570	9,635	10,535	11,226	11,222	12,062	13,407
3	Japan (% of Global GDP)	5,231 (8.7%)	5,700 (8.6%)	6,157 (8.4%)	6,203 (8.3%)	5,156 (6.7%)	4,850 (6.2%)	4,389 (5.9%)	4,927 (6.6%)	4,860 (6.1%)	4,972 (5.9%)
4	Germany	3,427	3,423	3,761	3,546	3,754	3,905	3,383	3,497	3,701	4,000
5	U.K.	2,403	2,455	2,636	2,677	2,755	3,036	2,897	2,669	2,640	2,829
6	France	2,697	2,648	2,864	2,685	2,812	2,857	2,439	2,466	2,588	*2,775
7	India	1,365	1,708	1,823	1,828	1,857	2,039	2,104	2,290	2,652	2,717
8	Italy	2,191	2,129	2,278	2,074	2,131	2,155	1,833	1,870	1,947	*2,072
9	Brazil	1,668	2,208	2,614	2,464	2,472	2,456	1,800	1,796	2,053	1,868
10	Canada	1,375	1,617	1,793	1,829	1,847	1,804	1,556	1,530	1,650	1,711
11	Russia	1,309	1,633	2,045	2,203	2,289	2,057	1,364	1,283	1,578	*1,631
12	S. Korea	902	1,094	1,202	1,223	1,306	1,411	1,383	1,415	1,531	*1,619
13	Spain	1,503	1,434	1,489	1,337	1,362	1,379	1,200	1,238	1,317	1,426
14	Australia	999	1,252	1,514	1,569	1,518	1,457	1,235	1,268	1,386	1,418
15	Mexico	900	1,058	1,180	1,201	1,274	1,315	1,171	1,078	1,158	*1,223
16	Indonesia	578	755	893	919	917	891	861	932	1,015	1,022
17	Netherlands	870	848	905	839	877	892	766	784	832	913
18	Saudi Arabia	429	528	671	736	747	756	654	645	689	782
19	Turkey	644	772	832	874	950	934	859	863	852	766
20	Switzerland	542	583	700	668	689	709	680	670	679	*704
	World Total	60,394	66,025	73,245	74,639	76,770	78,852	74,689	75,735	80,145	84,740

*Estimate

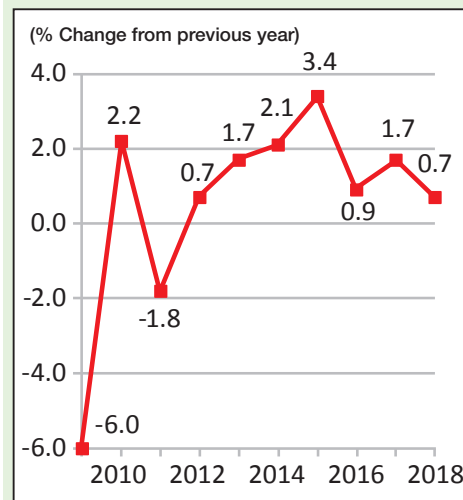
Source: IMF <http://www.imf.org/external/datamapper/NGDPD@WEO/WEOWORLD>

1-2 GDP Growth Rates

GDP成長率

Source: IMF <http://www.imf.org/external/pubs/ft/weo/2019/01/weodata/index.aspx>

Japan's Nominal GDP Growth Rate

Source: Cabinet Office
https://www.esri.cao.go.jp/jp/sna/data/data_list/sokuhou/files/files_sokuhou.html

Real GDP Growth Rates

(% Change from previous year)

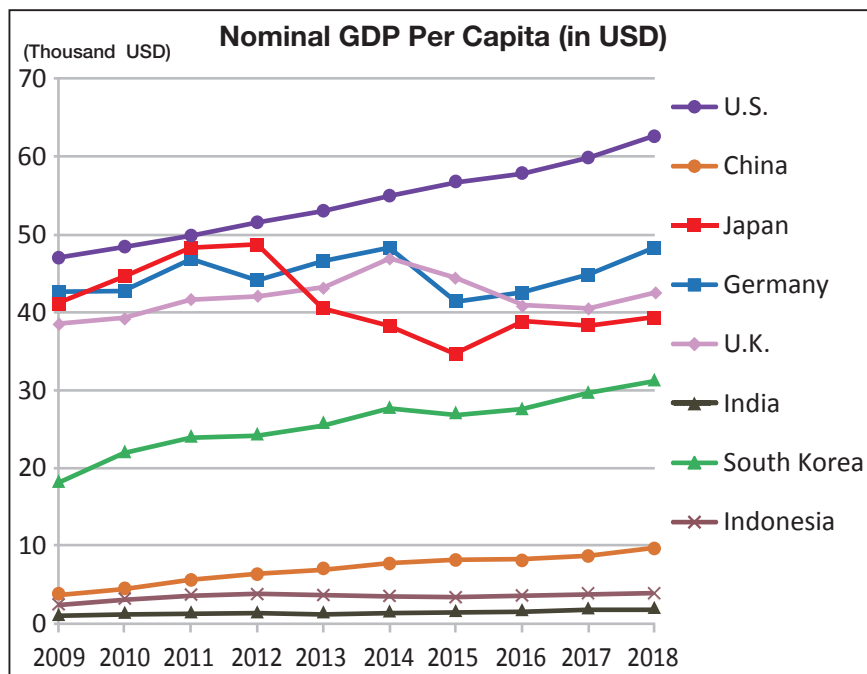
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S.	-2.5	2.6	1.6	2.2	1.8	2.5	2.9	1.6	2.2	2.9
China	9.2	10.6	9.5	7.9	7.8	7.3	6.9	6.7	6.8	6.6
Japan	-5.4	4.2	-0.1	1.5	2.0	0.4	1.2	0.6	1.9	0.8
Germany	-5.6	3.9	3.7	0.7	0.6	2.2	1.5	2.2	2.5	1.5
U.K.	-4.2	1.7	1.6	1.4	2.0	2.9	2.3	1.8	1.8	1.4
France	-2.9	1.9	2.2	0.3	0.6	1.0	1.1	1.2	2.2	*1.5
India	8.5	10.3	6.6	5.5	6.4	7.4	8.0	8.2	7.2	7.1
Italy	-5.5	1.7	0.6	-2.8	-1.7	0.1	0.9	1.1	1.6	*0.9
Brazil	-0.1	7.5	4.0	1.9	3.0	0.5	-3.5	-3.3	1.1	1.1
Canada	-2.9	3.1	3.1	1.8	2.3	2.9	0.7	1.1	3.0	1.8
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Russia	-7.8	4.5	5.1	3.7	1.8	0.7	-2.5	0.3	1.6	*2.3
S. Korea	0.7	6.5	3.7	2.3	2.9	3.3	2.8	2.9	3.1	*2.7
Spain	-3.6	0.0	-1.0	-2.9	-1.7	1.4	3.7	3.2	3.0	2.5
Australia	1.9	2.4	2.8	3.9	2.1	2.6	2.5	2.8	2.4	2.8
Mexico	-5.3	5.1	3.7	3.6	1.4	2.8	3.3	2.9	2.1	*2.0
Indonesia	4.7	6.4	6.2	6.0	5.6	5.0	4.9	5.0	5.1	5.2
Netherlands	-3.7	1.3	1.6	-1.0	-0.1	1.4	2.0	2.2	2.9	2.5
Saudi Arabia	-2.1	5.0	10.0	5.4	2.7	3.7	4.1	1.7	-0.7	2.2
Turkey	-4.7	8.5	11.1	4.8	8.5	5.2	6.1	3.2	7.4	2.6
Switzerland	-2.2	2.9	1.8	1.0	1.9	2.5	1.3	1.6	1.7	*2.5

*Estimate

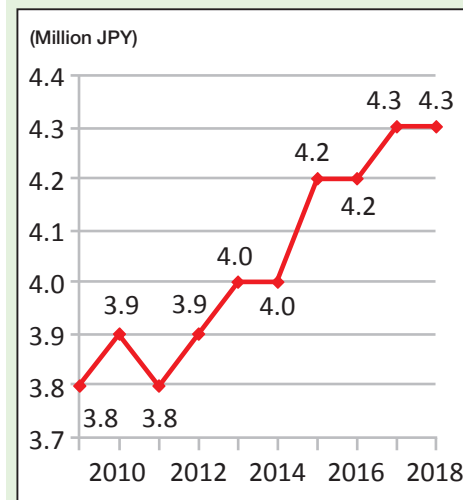
Source: IMF <http://www.imf.org/external/pubs/ft/weo/2019/01/weodata/index.aspx>

1-3 GDP Per Capita

一人当たりGDP

Source: IMF <http://www.imf.org/external/pubs/ft/weo/2019/01/weodata/index.aspx>

Japan's Nominal GDP Per Capita (in JPY)



Source: IMF

<http://www.imf.org/external/pubs/ft/weo/2019/01/weodata/index.aspx>

Nominal GDP Per Capita (in USD)

(Thousand USD)

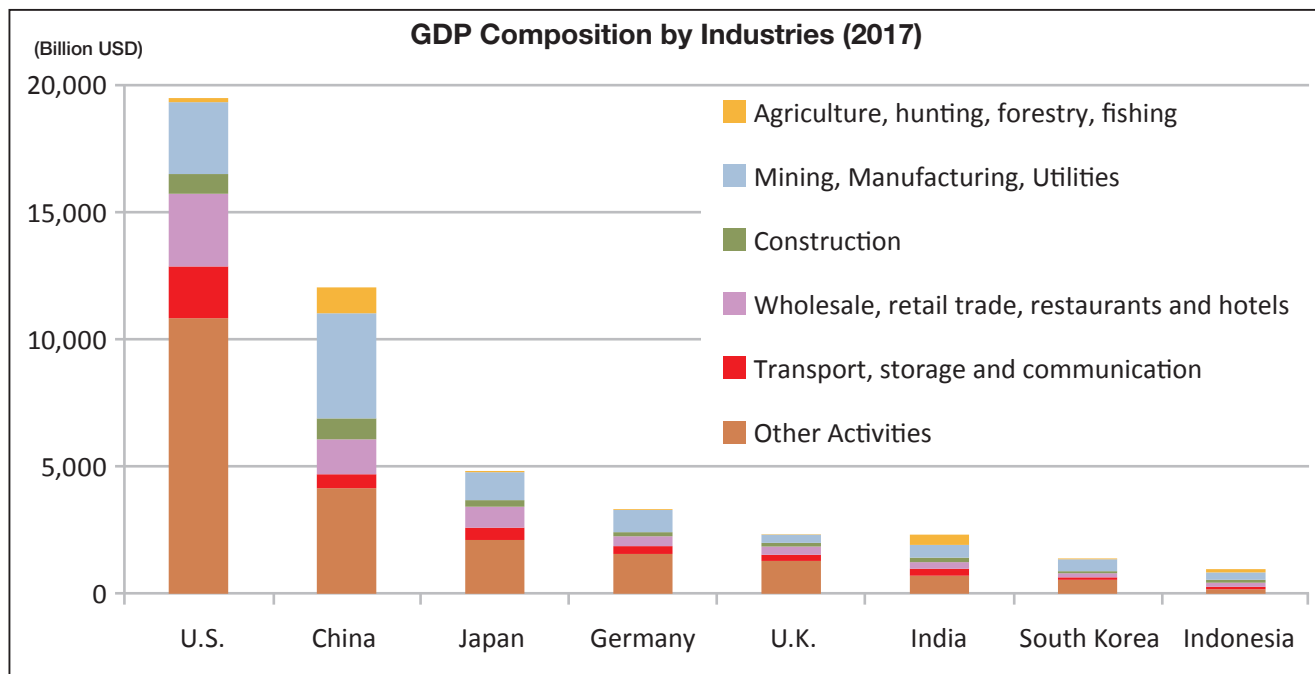
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1 Luxembourg	104.4	106.2	117.3	108.0	115.0	120.4	101.7	102.4	105.7	*114.2	Germany	42.6	42.6	46.9	44.1	46.5	48.2	41.4	42.5	44.8	48.3
2 Switzerland	70.3	74.9	88.9	84.0	85.7	87.2	82.5	80.5	80.6	*83.0	U.K.	38.6	39.1	41.6	42.0	43.0	47.0	44.5	40.7	40.0	*42.6
3 Macao SAR	39.6	50.9	65.9	73.9	84.9	87.0	70.1	70.3	77.4	*82.4	Japan	41.0	44.7	48.2	48.6	40.5	38.2	34.6	38.8	38.3	*39.3
4 Norway	79.8	87.4	100.3	101.3	102.7	96.8	74.3	70.7	75.5	*81.7	S. Korea	18.3	22.1	24.1	24.4	25.9	27.8	27.1	27.6	29.7	*31.3
5 Ireland	52.1	48.7	51.9	48.9	51.6	55.5	61.7	63.3	68.7	*76.1	China	3.8	4.5	5.6	6.3	7.1	7.7	8.2	8.1	8.7	*9.6
6 Iceland	41.2	43.1	47.6	46.1	49.8	54.5	52.8	62.0	72.4	74.3	Indonesia	2.5	3.2	3.7	3.7	3.7	3.5	3.4	3.6	3.9	3.9
7 Qatar	59.7	73.0	96.8	101.9	99.2	93.1	66.3	58.0	62.8	*70.8	India	1.2	1.4	1.5	1.5	1.5	*1.6	*1.6	*1.8	*2.0	*2.0
8 Singapore	38.6	46.6	53.4	54.9	56.5	57.3	55.3	56.5	60.0	*64.0											
9 U.S.	47.0	48.4	49.8	51.6	53.1	55.0	56.8	57.9	59.9	*62.6											
10 Denmark	58.3	58.2	61.9	58.6	61.3	62.7	53.5	54.7	57.4	60.7											

*Estimate

Source: IMF <http://www.imf.org/external/pubs/ft/weo/2019/01/weodata/index.aspx>

1-4 GDP Composition by Industries

産業別GDP構成比

Source: UN <http://unstats.un.org/unsd/snaama/dnList.asp>**GDP Composition by Industries (2017)**

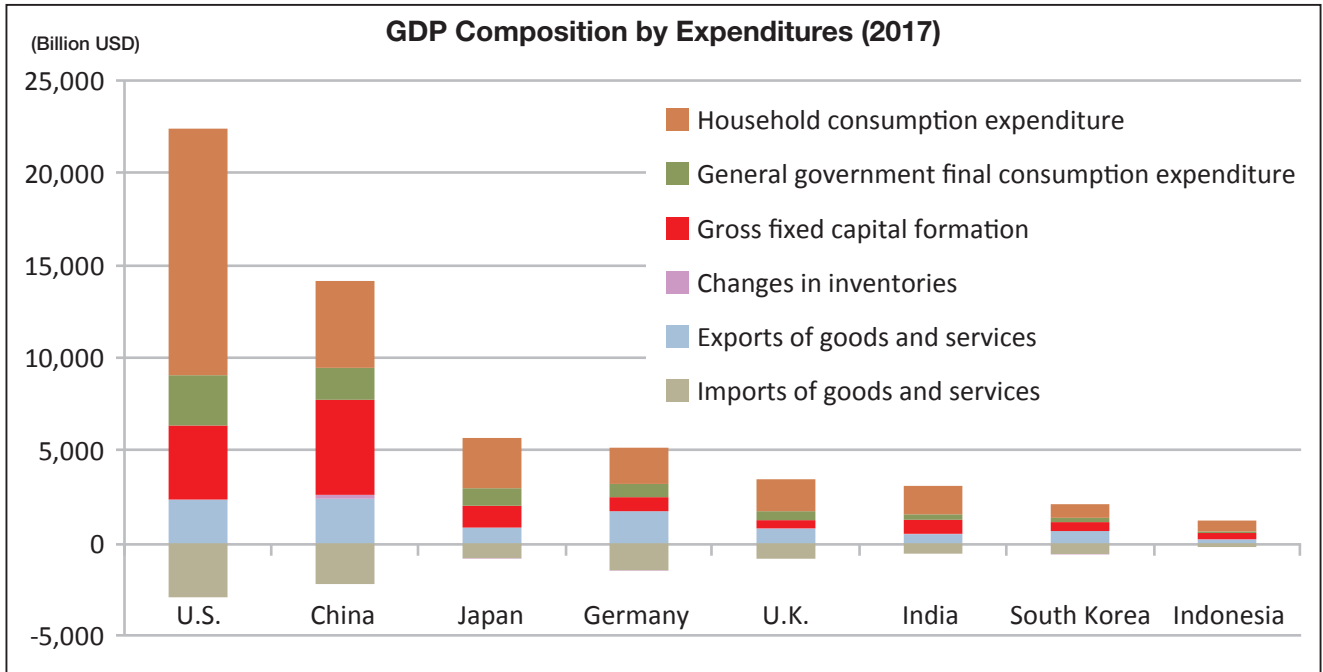
(Billion USD, % of GDP)

	Agriculture, hunting, forestry, fishing	Mining, Manufacturing, Utilities	Construction	Wholesale, retail trade, restaurants and hotels	Transport, storage and communication	Other Activities	Total
U.S.	169.2 (0.9%)	2,816.4 (14.5%)	781.4 (4.0%)	2,851.8 (14.6%)	2,042.2 (10.5%)	10,824.2 (55.6%)	19,485.2 (100.0%)
China	1,006.2 (8.4%)	4,142.7 (34.4%)	824.0 (6.8%)	1,366.2 (11.3%)	544.5 (4.5%)	4,155.3 (34.5%)	12,039.0 (100.0%)
Japan	54.2 (1.1%)	1,098.6 (22.7%)	261.5 (5.4%)	813.0 (16.8%)	494.7 (10.2%)	2,116.2 (43.7%)	4,838.1 (100.0%)
Germany	28.7 (0.9%)	870.5 (26.1%)	162.6 (4.9%)	385.6 (11.6%)	308.1 (9.2%)	1,577.3 (47.3%)	3,333.0 (100.0%)
U.K.	15.6 (0.7%)	329.3 (14.0%)	144.0 (6.1%)	315.1 (13.4%)	251.5 (10.7%)	1,291.4 (55.0%)	2,346.9 (100.0%)
India	398.4 (17.1%)	505.6 (21.7%)	171.8 (7.4%)	269.7 (11.6%)	260.6 (11.2%)	725.2 (31.1%)	2,331.4 (100.0%)
S. Korea	30.0 (2.2%)	466.6 (33.6%)	82.5 (5.9%)	149.0 (10.7%)	101.3 (7.3%)	558.6 (40.2%)	1,388.0 (100.0%)
Indonesia	133.5 (13.7%)	294.5 (30.2%)	105.4 (10.8%)	161.1 (16.5%)	93.5 (9.6%)	188.5 (19.3%)	976.4 (100.0%)

Source: UN <http://unstats.un.org/unsd/snaama/dnList.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 (2017)**

(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.	13,321.4 (68.4%)	2,731.3 (14.0%)	3,985.7 (20.5%)	25.5 (0.1%)	2,350.2 (12.1%)	-2,928.6 (-15.0%)	19,485.4 (100.0%)
China	4,697.8 (38.4%)	1,745.0 (14.3%)	5,125.8 (41.9%)	209.9 (1.7%)	2,417.9 (19.8%)	-2,208.4 (-18.0%)	12,237.8 (100.0%)
Japan	2,704.4 (55.5%)	956.4 (19.6%)	1,169.5 (24.0%)	-2.3 (-0.05%)	860.2 (17.7%)	-815.8 (-16.7%)	4,872.4 (100.0%)
Germany	1,952.0 (52.9%)	719.9 (19.5%)	753.5 (20.4%)	-11.4 (-0.3%)	1,737.6 (47.0%)	-1,458.3 (-39.5%)	3,693.2 (100.0%)
U.K.	1,729.5 (65.7%)	479.7 (18.2%)	451.8 (17.2%)	4.0 (0.2%)	795.1 (30.2%)	-824.3 (-31.3%)	2,631.2 (100.0%)
India	1,522.4 (59.1%)	293.1 (11.4%)	772.6 (30.0%)	16.4 (0.6%)	490.5 (19.0%)	-567.3 (-22.0%)	2,575.7 (100.0%)
S. Korea	736.2 (48.1%)	234.7 (15.3%)	477.7 (31.2%)	-2.0 (-0.1%)	659.6 (43.1%)	-576.9 (-37.7%)	1,530.8 (99.9%)
Indonesia	582.0 (57.3%)	92.4 (9.1%)	326.6 (32.2%)	13.0 (1.3%)	206.9 (20.4%)	-194.6 (-19.2%)	1,015.5 (100.0%)

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)

		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1	U.S.	14,399	15,127	15,832	16,671	17,176	18,062	18,700	19,049	19,872	20,738
2	China	5,093	6,061	7,481	8,512	9,493	10,452	10,974	11,093	12,110	13,557
3	Japan	5,359	5,847	6,332	6,369	5,329	5,025	4,558	5,092	5,038	5,160
4	Germany	3,495	3,484	3,853	3,627	3,837	3,975	3,454	3,564	3,771	4,105
5	France	2,752	2,704	2,937	2,743	2,874	2,914	2,491	2,518	2,646	2,839
6	U.K.	2,377	2,455	2,645	2,648	2,697	2,972	2,831	2,593	2,589	2,790
7	India	1,334	1,658	1,807	1,806	1,834	2,015	2,078	2,264	2,624	2,699
8	Italy	2,184	2,121	2,270	2,070	2,127	2,152	1,822	1,874	1,955	2,094
9	Brazil	1,630	2,144	2,548	2,413	2,443	2,407	1,763	1,759	2,016	1,840
10	Canada	1,351	1,585	1,759	1,796	1,818	1,777	1,533	1,512	1,632	1,688
11	S. Korea	900	1,096	1,210	1,235	1,315	1,416	1,387	1,419	1,531	1,618
12	Russia	1,183	1,478	1,991	2,143	2,218	1,992	1,326	1,247	1,537	1,616

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.

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)

		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Yuan (China)	End of period	6.83	6.62	6.30	6.29	6.10	6.12	6.49	6.95	6.51	6.85
	Annual average	6.83	6.77	6.46	6.31	6.20	6.14	6.23	6.64	6.76	6.62
JPY	End of period	92.06	81.45	77.72	86.55	105.30	120.64	120.50	116.80	112.90	110.83
	Annual average	93.57	87.78	79.81	79.79	97.60	105.94	121.04	108.79	112.17	110.42
Euro	End of period	0.69	0.75	0.77	0.76	0.73	0.82	0.92	0.95	0.83	0.87
	Annual average	0.72	0.75	0.72	0.78	0.75	0.75	0.90	0.90	0.89	0.85
Won (S. Korea)	End of period	1,164.50	1,134.80	1,151.80	1,070.60	1,055.40	1,099.30	1,172.50	1,207.70	1,070.50	1,115.70
	Annual average	1,276.93	1,156.06	1,108.29	1,126.47	1,094.85	1,052.96	1,131.16	1,160.43	1,130.42	1,100.56

Source: IMF <http://data.imf.org/?sk=4C514D48-B6BA-49ED-8AB9-52B0C1A0179B>

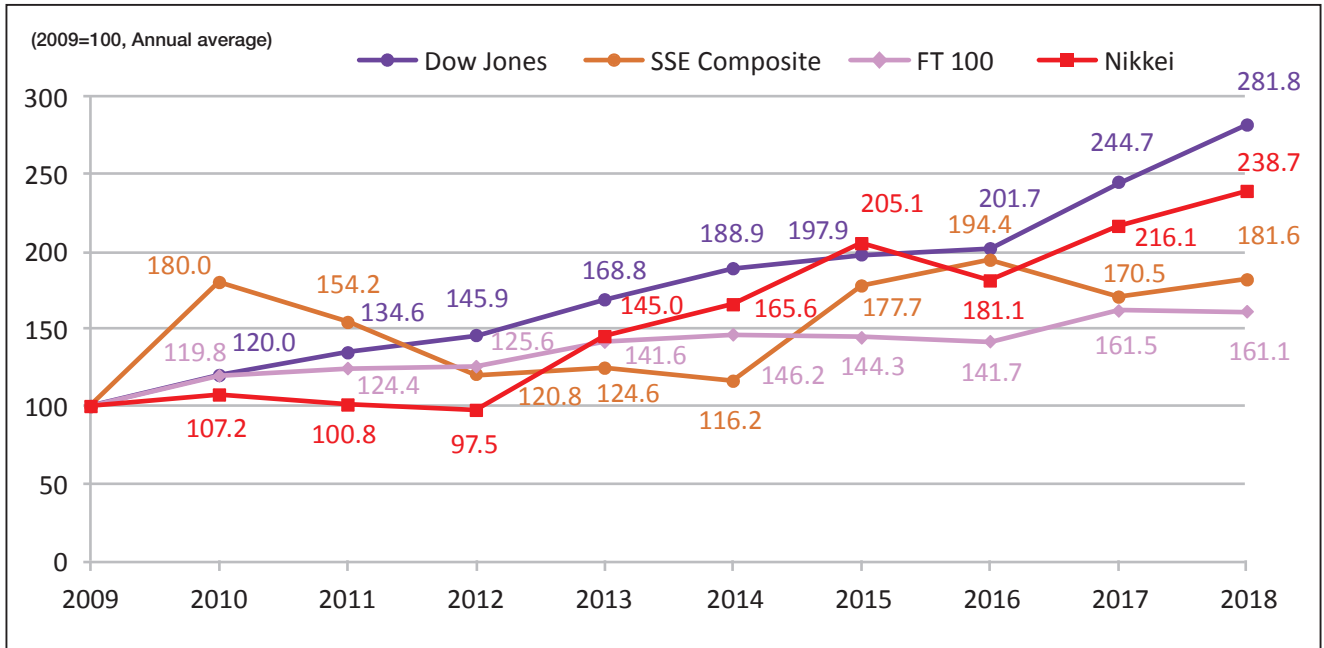
(JPY per national currencies)

		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
JPY /Yuan (China)	Annual average	13.70	12.97	12.35	12.64	15.75	17.25	19.44	16.37	16.60	16.70
JPY /Euro	Annual average	130.19	116.44	111.07	102.60	129.64	140.51	134.29	120.33	126.91	130.16
JPY /Won (S. Korea)	Annual average	0.073	0.076	0.072	0.071	0.089	0.101	0.107	0.094	0.099	0.100

Source: Cabinet Office

1-8 Stock Prices and Indices

株価・株価指数



Note: The SSE Composite Index is a stock market index of all stocks (A shares and B shares) that are traded at the Shanghai Stock Exchange.

Source: Refinitiv data compiled by Keizai Koho Center

Stock Prices and Indices

(Annual Average)

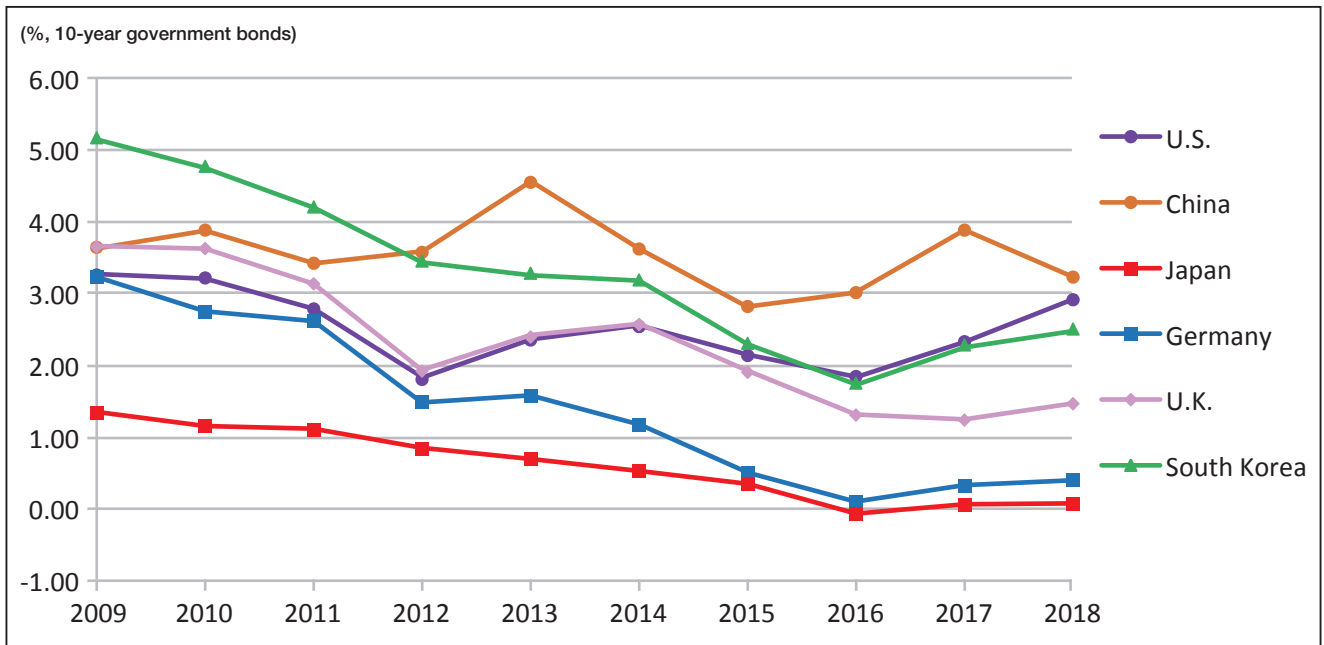
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Dow Jones (USD)	8,885.67	10,665.06	11,960.80	12,960.35	15,001.04	16,782.40	17,588.04	17,922.85	21,741.74	25,036.64
SSE Composite (Index)	1,820.81	3,277.14	2,808.08	2,199.42	2,269.13	2,115.98	3,234.68	3,539.18	3,103.64	3,307.17
Nikkei (JPY)	9,347.61	10,022.45	9,427.03	9,109.61	13,555.09	15,482.01	19,172.06	16,926.97	20,202.62	22,312.21
FT 100 (Index)	4,569.09	5,472.16	5,685.38	5,740.16	6,472.02	6,681.60	6,591.37	6,474.97	7,380.24	7,359.61

Note: The SSE Composite Index is a stock market index of all stocks (A shares and B shares) that are traded at the Shanghai Stock Exchange.

Source: Refinitiv

1-9 Long-term Interest Rates

長期金利



Notes: 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>

Long-term Interest Rates

(%, 10-year government bonds)

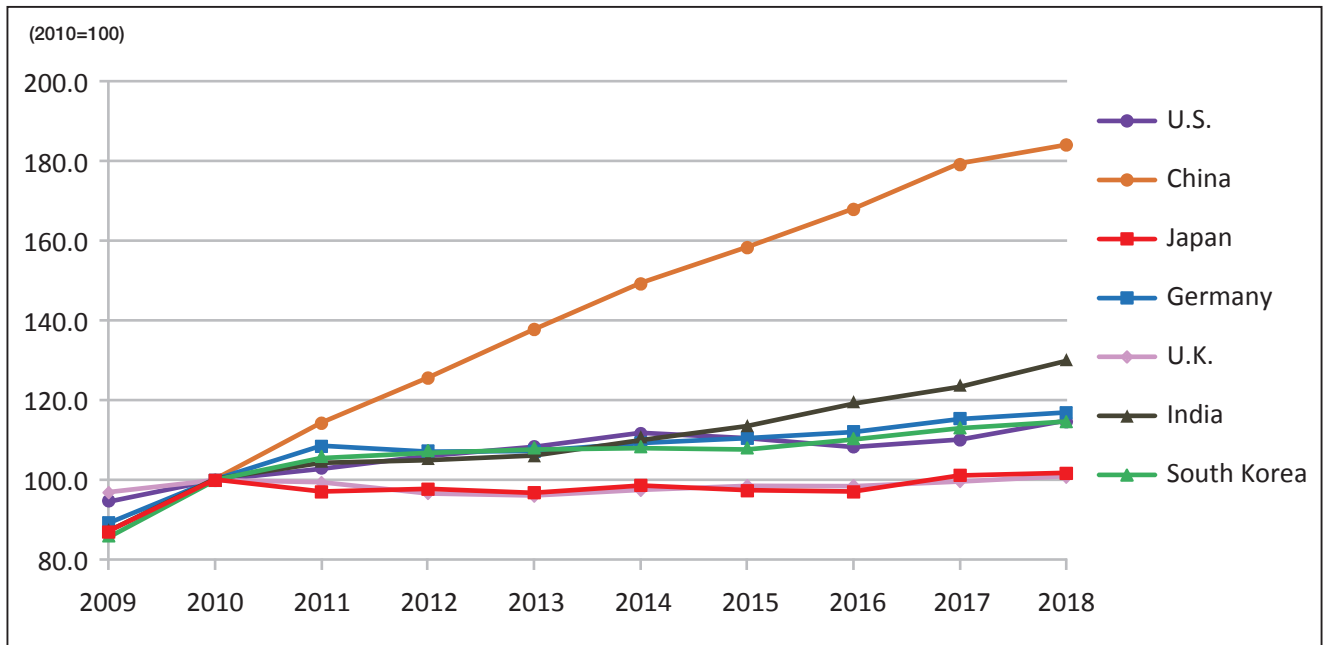
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S.	3.26	3.21	2.79	1.80	2.35	2.54	2.14	1.84	2.33	2.91
China	3.64	3.88	3.42	3.57	4.55	3.62	2.82	3.01	3.88	3.23
Japan	1.33	1.15	1.10	0.84	0.69	0.52	0.35	-0.07	0.05	0.07
Germany	3.22	2.74	2.61	1.50	1.57	1.16	0.50	0.09	0.32	0.40
U.K.	3.65	3.62	3.14	1.92	2.39	2.57	1.90	1.31	1.24	1.46
S. Korea	5.17	4.77	4.20	3.45	3.28	3.19	2.31	1.75	2.28	2.50

Notes: 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



Notes: Japan's 2018 data is an average of the first 2 quarters (Q1 and Q2). China's 2018 data is an average of the first 3 quarters (Q1, Q2 and Q3).

Source: IMF <http://data.imf.org/?sk=388DFA60-1D26-4ADE-B505-A05A558D9A42>

Industrial Production Index

(2010=100)

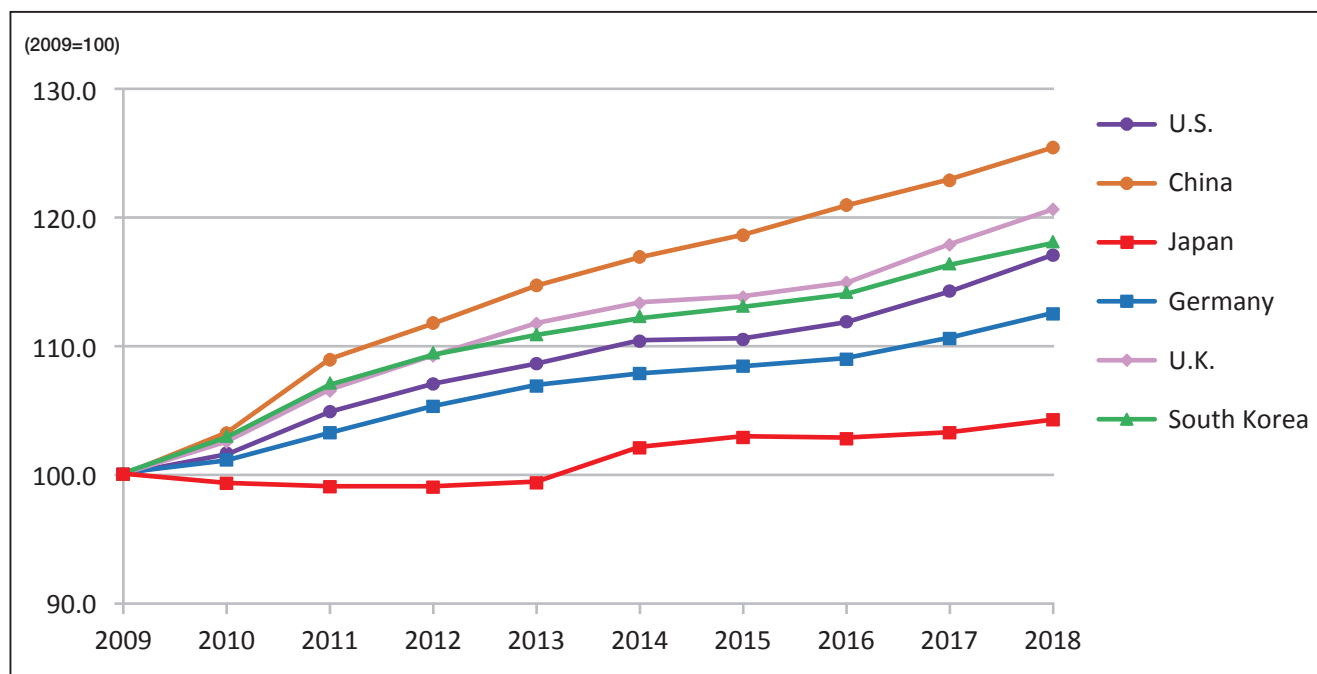
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S.	94.8	100.0	103.1	106.2	108.4	111.7	110.6	108.4	110.2	114.7
China	N/A	100.0	114.3	125.7	137.9	149.3	158.4	168.0	179.3	184.2
Japan	87.0	100.0	97.1	97.7	96.9	98.7	97.4	97.1	101.2	101.7
Germany	89.3	100.0	108.5	107.3	107.3	109.4	110.6	112.2	115.5	116.9
U.K.	96.9	100.0	99.4	96.6	96.0	97.4	98.6	98.6	99.7	100.7
India	87.5	100.0	104.8	105.6	106.2	111.0	113.8	119.7	124.0	130.4
S. Korea	86.0	100.0	106.0	107.4	108.2	108.4	108.1	110.4	113.2	114.7

Notes: Japan's 2018 data is an average of the first 2 quarters (Q1 and Q2). China's 2018 data is an average of the first 3 quarters (Q1, Q2 and Q3).

Source: IMF <http://data.imf.org/?sk=388DFA60-1D26-4ADE-B505-A05A558D9A42>

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

Consumer Price Indices (All Items)

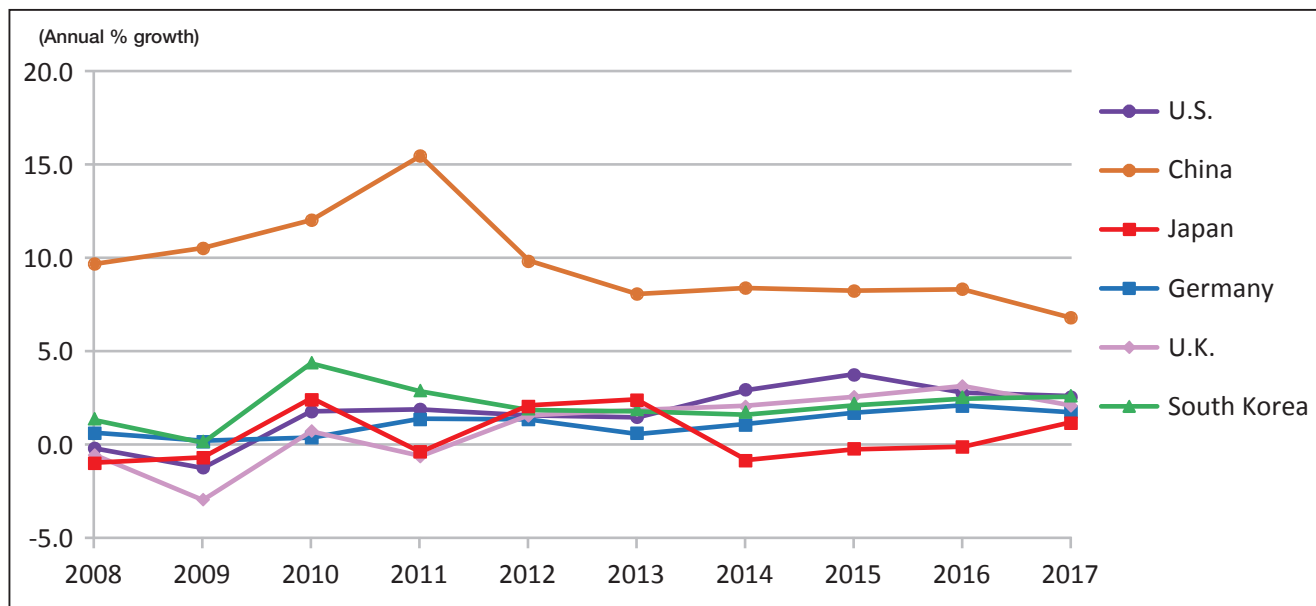
(2009=100)

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S.	100.0	101.6	104.8	107.0	108.6	110.3	110.5	111.9	114.3	117.0
China	100.0	103.2	108.9	111.8	114.7	116.9	118.6	120.9	122.9	125.4
Japan	100.0	99.3	99.0	99.0	99.3	102.0	102.9	102.7	103.2	104.2
Germany	100.0	101.1	103.2	105.3	106.9	107.8	108.4	108.9	110.6	112.5
U.K.	100.0	102.5	106.5	109.2	111.7	113.3	113.8	114.9	117.9	120.6
S. Korea	100.0	102.9	107.1	109.4	110.8	112.3	113.1	114.2	116.4	118.1

Source: Compiled by Keizai Koho Center from OECD data. <https://stats.oecd.org/>

1-12 Household and NPISHs Final Consumption Expenditure

家計最終消費支出



Notes: Household and NPISHs final consumption expenditure (formerly private consumption) is the market value of all goods and services, including durable products (such as cars, washing machines, and home computers), purchased by households. It includes the expenditures of nonprofit institutions serving households.

Source: World Bank <http://databank.worldbank.org/data/reports.aspx?source=2&series=NE.CON.PRVT.CD&country=#>

Household and NPISHs Final Consumption Expenditure

(Annual % growth)

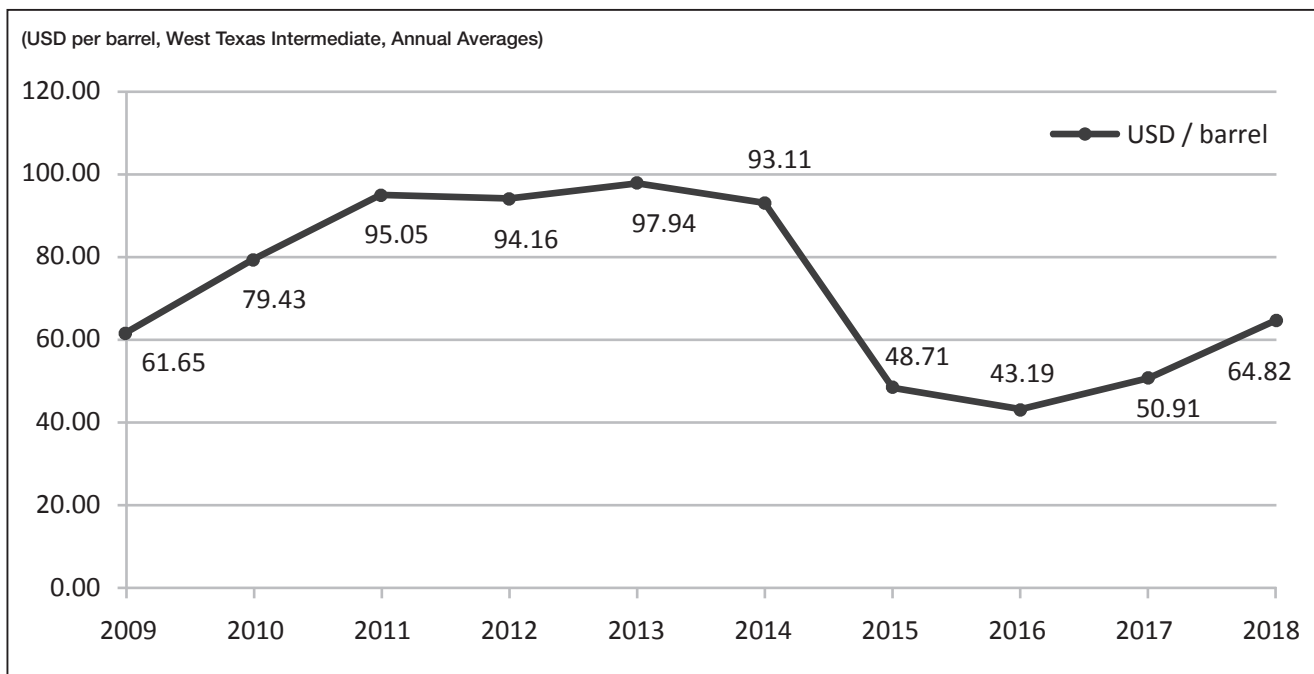
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
U.S.	-0.2	-1.3	1.7	1.9	1.5	1.5	2.9	3.7	2.7	2.5
China	9.7	10.5	12.0	15.5	9.8	8.1	8.4	8.2	8.3	6.8
Japan	-1.0	-0.7	2.4	-0.4	2.0	2.4	-0.9	-0.2	-0.1	1.1
Germany	0.6	0.2	0.4	1.4	1.3	0.6	1.0	1.7	2.1	1.8
U.K.	-0.6	-2.9	0.7	-0.6	1.5	1.8	2.0	2.6	3.1	2.1
S. Korea	1.4	0.2	4.4	2.9	1.9	1.9	1.7	2.2	2.5	2.6

Notes: Household and NPISHs final consumption expenditure (formerly private consumption) is the market value of all goods and services, including durable products (such as cars, washing machines, and home computers), purchased by households. It includes the expenditures of nonprofit institutions serving households.

Source: World Bank <http://databank.worldbank.org/data/reports.aspx?source=2&series=NE.CON.PRVT.CD&country=#>

1-13 Crude Oil Price

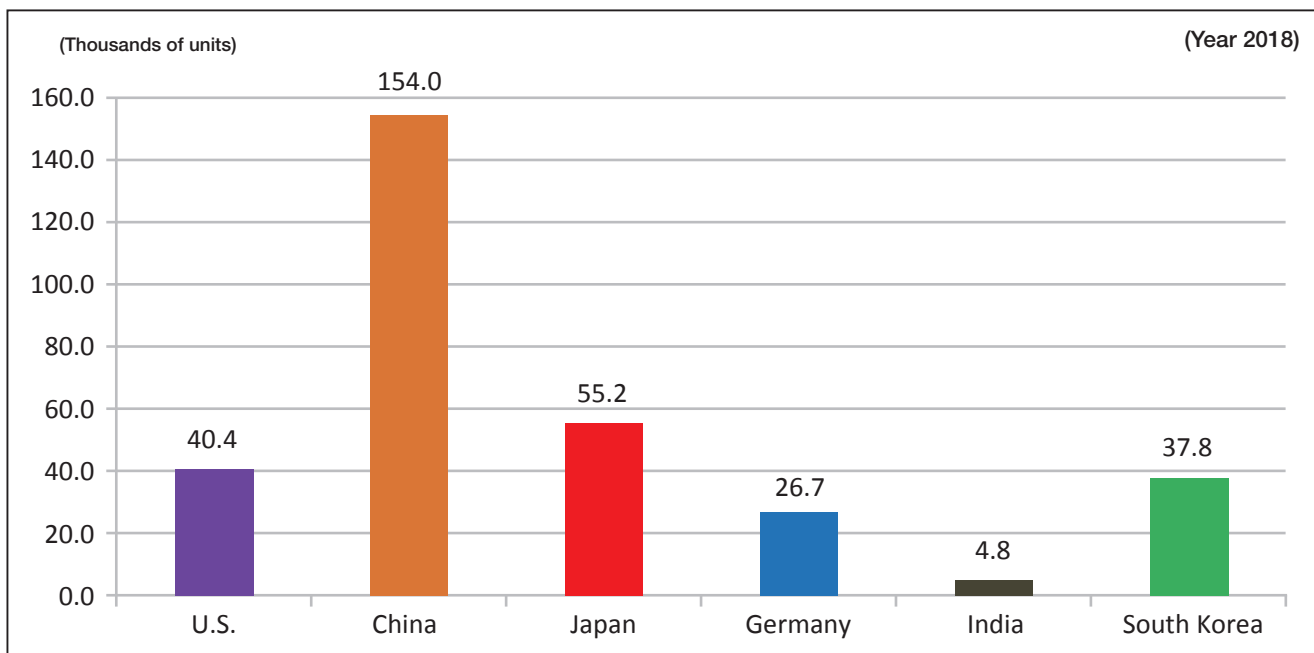
原油価格



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

Editor's Choice Installations of Industrial Robots

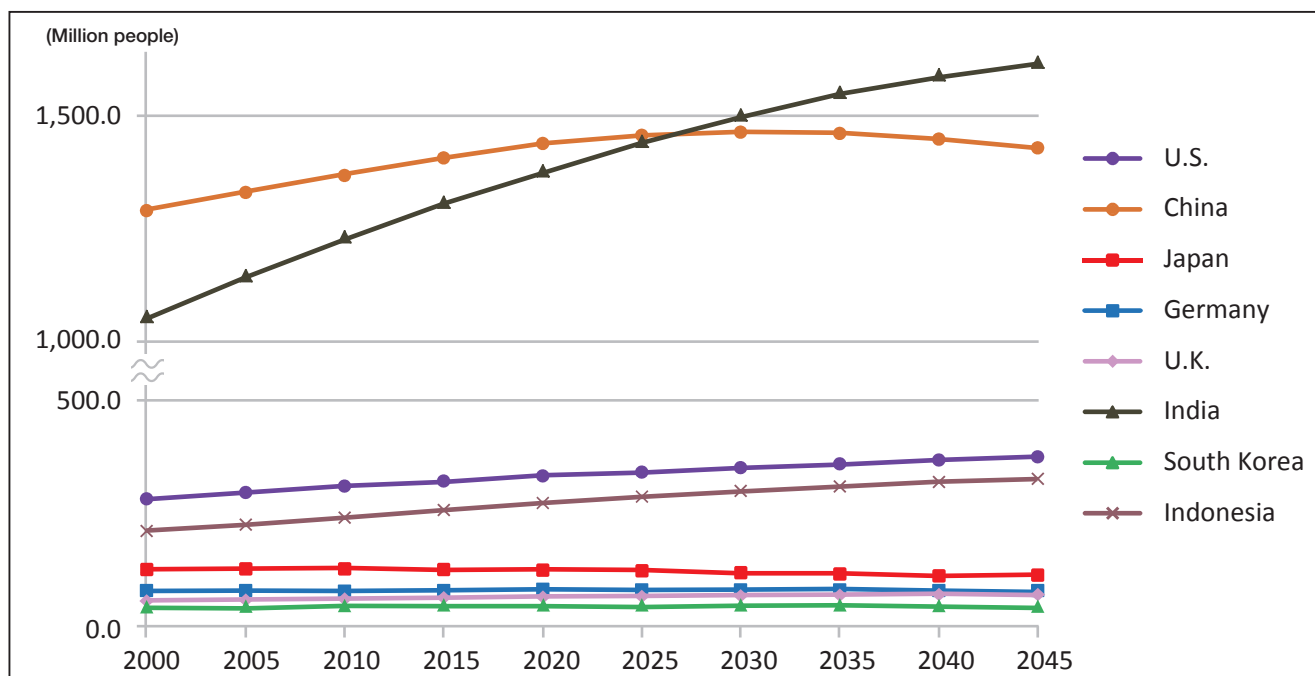
産業用ロボット導入数



Source: IFR, World Robotics 2019 <https://ifr.org/>

2-1 Population

人口



Population

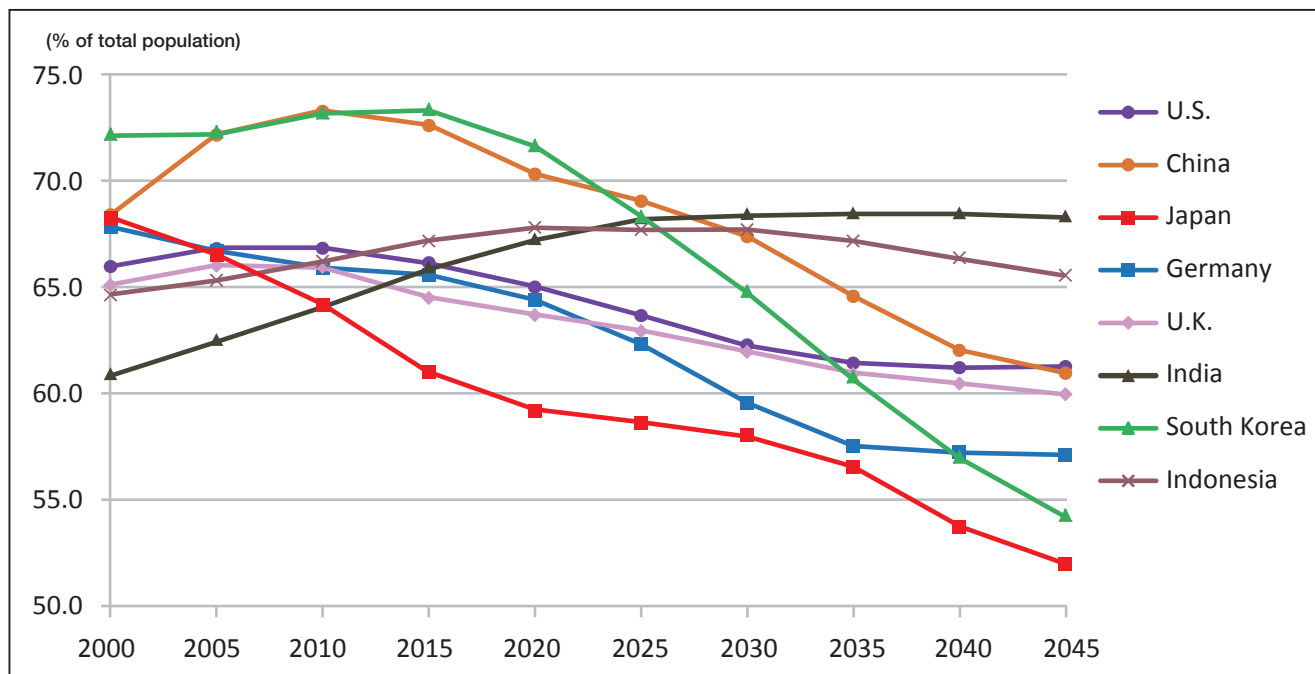
(Million people)

	2000	2005	2010	2015	2020	2025	2030	2035	2040	2045
U.S.	281.7	295.0	309.0	320.9	331.0	340.4	349.6	358.7	366.6	373.3
China	1,290.6	1,330.8	1,368.8	1,406.8	1,439.3	1,457.9	1,464.3	1,461.1	1,449.0	1,429.3
Japan	127.5	128.3	128.5	128.0	126.5	124.0	120.8	117.2	113.4	109.5
Germany	81.4	81.6	80.8	81.8	83.8	83.5	83.1	82.7	82.0	81.1
U.K.	58.9	60.3	63.5	65.9	67.9	69.3	70.5	71.5	72.5	73.3
India	1,056.6	1,147.6	1,234.3	1,310.2	1,380.0	1,445.0	1,503.6	1,553.7	1,592.7	1,620.6
S. Korea	47.4	48.7	49.5	50.8	51.3	51.3	51.2	50.7	49.8	48.5
Indonesia	211.5	226.3	241.8	258.4	273.5	287.1	299.2	309.8	318.6	325.7
World Total	6,143.5	6,541.9	6,956.8	7,379.8	7,794.8	8,184.4	8,548.5	8,887.5	9,198.8	9,481.8

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)

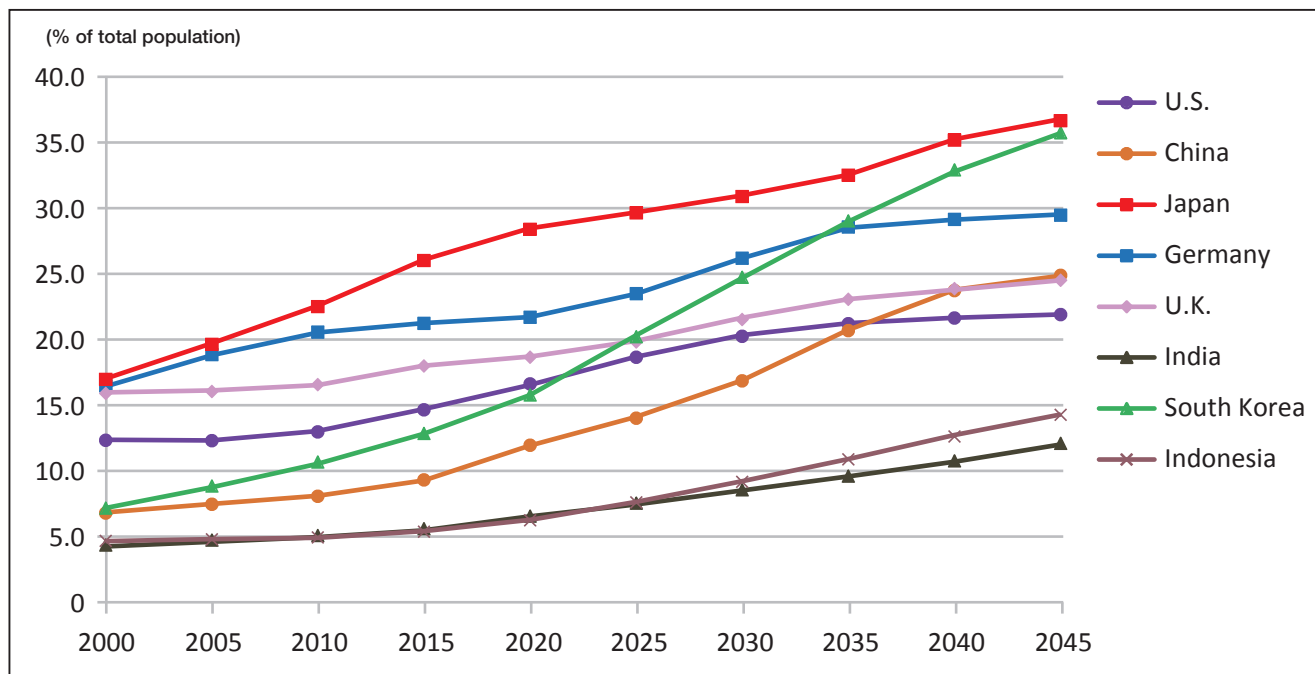
(Million people, % of total population)

	2000	2005	2010	2015	2020	2025	2030	2035	2040	2045
U.S.	185.8 (66.0%)	197.1 (66.8%)	206.5 (66.8%)	212.2 (66.1%)	215.1 (65.0%)	216.7 (63.7%)	217.7 (62.3%)	220.3 (61.4%)	224.3 (61.2%)	228.6 (61.2%)
China	882.7 (68.4%)	960.3 (72.2%)	1002.9 (73.3%)	1021.6 (72.6%)	1012.1 (70.3%)	1006.6 (69.0%)	986.5 (67.4%)	943.3 (64.6%)	898.4 (62.0%)	871.0 (60.9%)
Japan	87.0 (68.2%)	85.4 (66.5%)	82.5 (64.1%)	78.1 (61.0%)	74.8 (59.2%)	72.6 (58.6%)	70.0 (58.0%)	66.2 (56.5%)	60.8 (53.7%)	56.9 (51.9%)
Germany	55.2 (67.8%)	54.4 (66.7%)	53.2 (65.9%)	53.6 (65.6%)	53.9 (64.4%)	52.0 (62.3%)	49.5 (59.5%)	47.5 (57.5%)	46.9 (57.2%)	46.3 (57.1%)
U.K.	38.3 (65.1%)	39.8 (66.0%)	41.8 (65.9%)	42.5 (64.5%)	43.2 (63.7%)	43.6 (62.9%)	43.6 (61.9%)	43.6 (60.9%)	43.8 (60.4%)	44.0 (59.9%)
India	643.5 (60.9%)	717.5 (62.5%)	791.3 (64.1%)	864.0 (65.9%)	928.3 (67.3%)	986.1 (68.2%)	1029.1 (68.4%)	1064.1 (68.5%)	1090.7 (68.5%)	1107.6 (68.3%)
S. Korea	34.2 (72.2%)	35.2 (72.3%)	36.3 (73.2%)	37.3 (73.4%)	36.7 (71.7%)	35.1 (68.3%)	33.1 (64.8%)	30.8 (60.8%)	28.4 (57.0%)	26.3 (54.2%)
Indonesia	136.7 (64.6%)	147.8 (65.3%)	160.1 (66.2%)	173.5 (67.2%)	185.5 (67.8%)	194.3 (67.7%)	202.5 (67.7%)	208.0 (67.2%)	211.5 (66.4%)	213.5 (65.5%)

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)

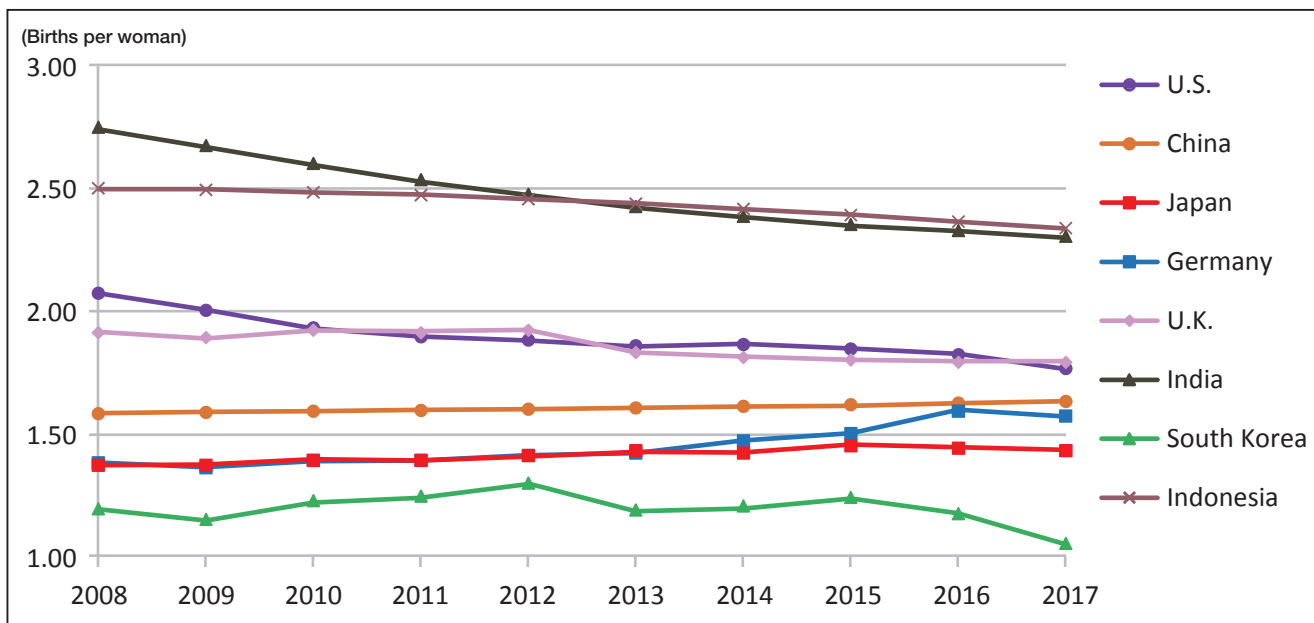
(Million people, % of total population)

	2000	2005	2010	2015	2020	2025	2030	2035	2040	2045
U.S.	34.7 (12.3%)	36.3 (12.3%)	40.1 (13.0%)	47.0 (14.6%)	55.0 (16.6%)	63.5 (18.6%)	70.8 (20.3%)	76.0 (21.2%)	79.3 (21.6%)	81.8 (21.9%)
China	87.9 (6.8%)	99.6 (7.5%)	110.5 (8.1%)	131.3 (9.3%)	172.3 (12.0%)	204.6 (14.0%)	247.0 (16.9%)	302.1 (20.7%)	343.8 (23.7%)	355.9 (24.9%)
Japan	21.7 (17.0%)	25.2 (19.7%)	28.9 (22.5%)	33.3 (26.0%)	35.9 (28.4%)	36.7 (29.6%)	37.3 (30.9%)	38.1 (32.5%)	39.9 (35.2%)	40.2 (36.7%)
Germany	13.4 (16.5%)	15.4 (18.9%)	16.6 (20.6%)	17.4 (21.2%)	18.2 (21.7%)	19.6 (23.5%)	21.8 (26.2%)	23.6 (28.6%)	23.9 (29.1%)	23.9 (29.5%)
U.K.	9.4 (15.9%)	9.7 (16.0%)	10.5 (16.6%)	11.8 (18.0%)	12.7 (18.7%)	13.7 (19.8%)	15.2 (21.5%)	16.5 (23.1%)	17.3 (23.9%)	18.0 (24.5%)
India	46.1 (4.4%)	54.4 (4.7%)	62.7 (5.1%)	73.6 (5.6%)	90.7 (6.6%)	109.2 (7.6%)	128.9 (8.6%)	149.2 (9.6%)	171.5 (10.8%)	196.2 (12.1%)
S. Korea	3.4 (7.2%)	4.3 (8.9%)	5.3 (10.7%)	6.5 (12.9%)	8.1 (15.8%)	10.4 (20.2%)	12.7 (24.7%)	14.7 (29.0%)	16.4 (32.9%)	17.3 (35.8%)
Indonesia	9.9 (4.7%)	10.9 (4.8%)	12.0 (5.0%)	13.9 (5.4%)	17.1 (6.3%)	21.8 (7.6%)	27.4 (9.2%)	33.8 (10.9%)	40.3 (12.6%)	46.5 (14.3%)

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.

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

Total Fertility Rate

(Births per woman)

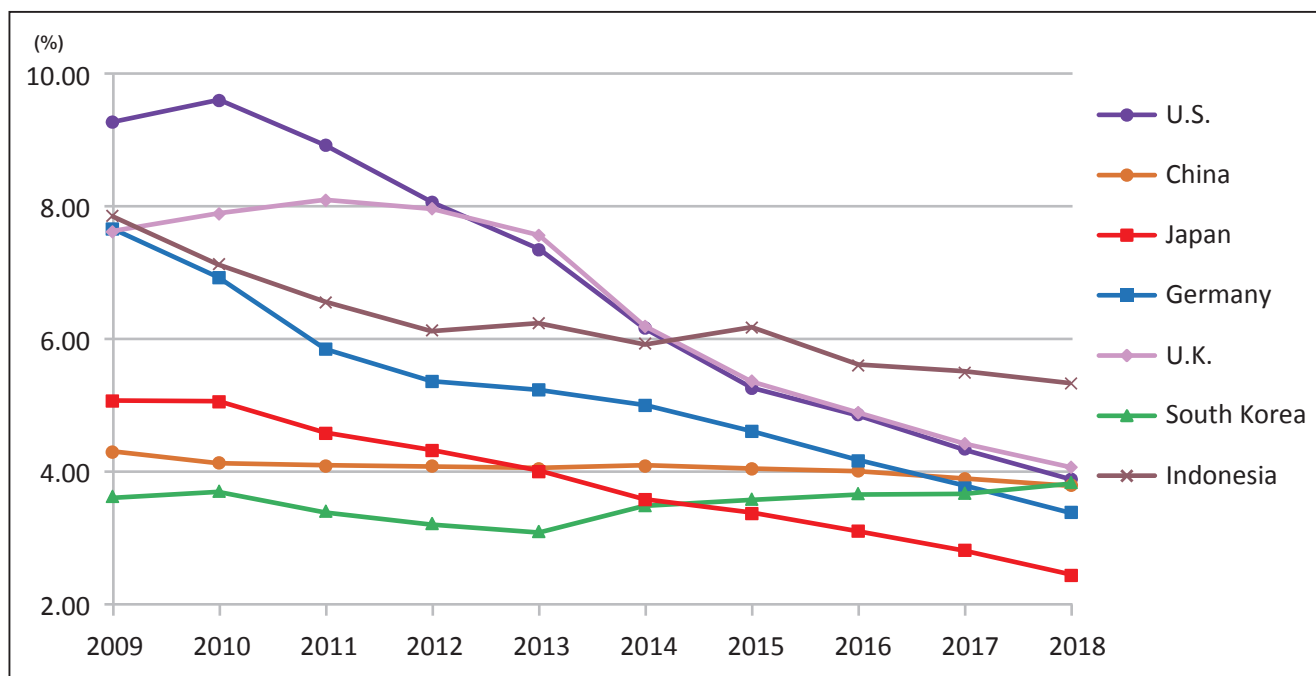
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
U.S.	2.07	2.00	1.93	1.89	1.88	1.86	1.86	1.84	1.82	1.77
China	1.58	1.59	1.59	1.59	1.60	1.60	1.61	1.62	1.62	1.63
Japan	1.37	1.37	1.39	1.39	1.41	1.43	1.42	1.45	1.44	1.43
Germany	1.38	1.36	1.39	1.39	1.41	1.42	1.47	1.50	1.59	1.57
U.K.	1.91	1.89	1.92	1.91	1.92	1.83	1.81	1.80	1.79	1.79
India	2.75	2.67	2.60	2.53	2.48	2.43	2.38	2.35	2.33	2.30
S. Korea	1.19	1.15	1.23	1.24	1.30	1.19	1.21	1.24	1.17	1.05
Indonesia	2.50	2.49	2.48	2.47	2.46	2.44	2.41	2.39	2.36	2.34

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.

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/2019/01/weodata/index.aspx>

Unemployment Rate

(%)

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S.	9.28	9.61	8.93	8.08	7.36	6.18	5.27	4.87	4.35	3.89
China	4.30	4.14	4.09	4.09	4.05	4.09	4.05	4.02	3.90	3.80
Japan	5.08	5.06	4.58	4.33	4.01	3.58	3.38	3.11	2.82	2.44
Germany	7.67	6.93	5.86	5.37	5.24	5.01	4.62	4.17	3.76	3.39
U.K.	7.63	7.90	8.10	7.98	7.58	6.20	5.38	4.90	4.43	4.08
S. Korea	3.63	3.71	3.41	3.23	3.10	3.49	3.59	3.68	3.68	3.84
Indonesia	7.87	7.14	6.56	6.14	6.25	5.94	6.18	5.61	5.50	5.34

Source: IMF <http://www.imf.org/external/pubs/ft/weo/2019/01/weodata/index.aspx>

2-6 Employment Rate by Age and Gender

年齢・性別雇用率

												(%)
Age	Country	Gender	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
15-24	U.S.	Female	47.0	45.1	44.9	45.4	46.0	47.1	48.2	48.8	49.9	50.3
		Male	46.7	44.9	46.0	46.6	46.9	48.2	49.0	50.1	50.8	50.6
	Japan	Female	40.9	40.1	40.3	38.9	40.6	40.9	40.7	42.6	43.0	46.8
		Male	38.2	37.5	38.0	37.8	38.6	39.3	39.9	41.8	42.1	45.1
	Germany	Female	44.4	44.5	46.1	44.5	45.2	44.3	44.0	44.5	45.5	45.4
		Male	47.5	47.9	49.7	48.6	48.4	47.7	46.5	46.9	47.4	48.8
25-54	U.S.	Female	70.2	69.3	69.0	69.2	69.3	70.0	70.3	71.1	72.1	72.8
		Male	81.5	81.0	81.4	82.5	82.8	83.6	84.4	85.0	85.4	86.2
	Japan	Female	67.8	68.3	69.1	69.2	70.9	72.0	72.8	74.0	75.3	77.1
		Male	91.4	91.5	91.7	91.6	91.8	92.2	92.2	92.6	92.8	93.3
	Germany	Female	75.4	76.4	77.9	78.3	78.6	78.9	79.2	79.7	80.0	80.6
		Male	86.1	86.8	88.0	88.4	88.2	88.1	88.2	88.1	88.3	89.0
55-64	U.S.	Female	56.4	56.4	55.9	56.1	56.2	56.3	56.4	56.5	57.1	57.5
		Male	65.2	64.4	64.4	65.5	66.0	66.8	67.1	67.5	68.4	69.1
	Japan	Female	51.8	52.2	52.7	52.5	54.3	56.1	58.0	59.7	62.0	64.3
		Male	80.0	79.1	79.2	78.9	79.9	81.6	82.5	83.6	85.1	86.3
	Germany	Female	48.6	50.7	53.2	55.0	57.7	60.0	61.2	63.6	65.4	66.9
		Male	63.8	65.2	67.1	68.6	69.9	71.4	71.3	73.7	75.0	76.2

B break in series.

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 <https://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

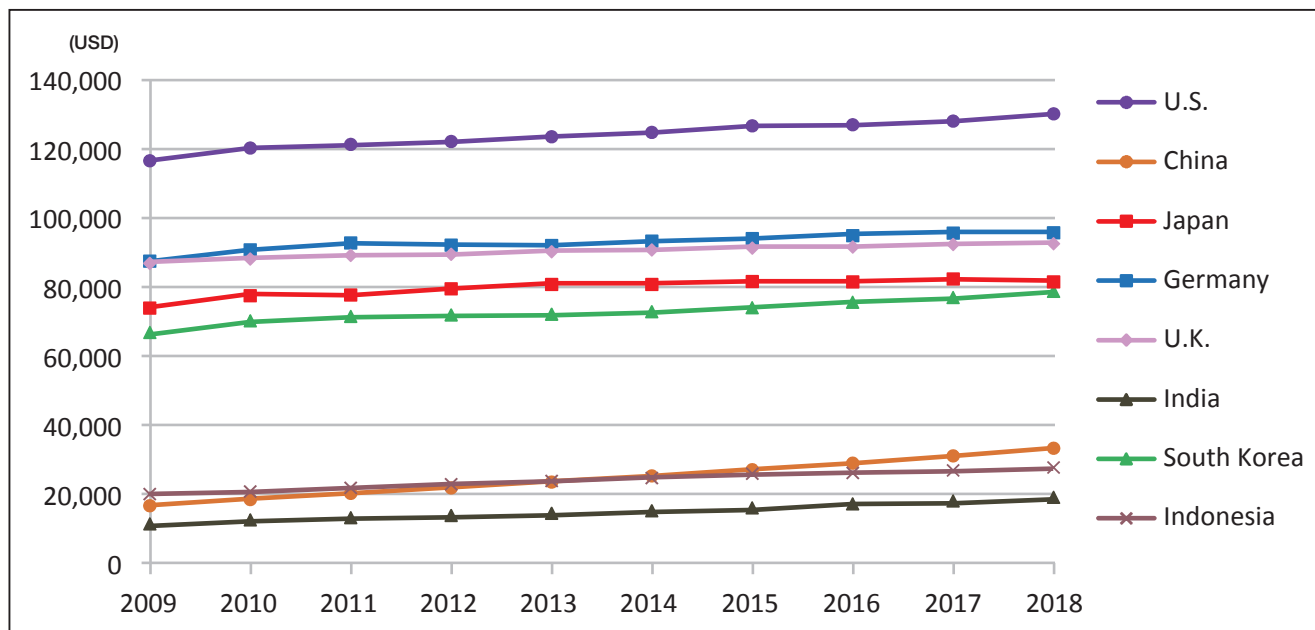
												(%)
Age	Country	Gender	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
15-24	U.S.	Female	44.0	44.3	43.7	44.4	42.5	43.2	42.1	42.1	41.8	40.6
		Male	32.6	34.1	34.0	32.5	32.6	31.3	32.4	31.7	30.8	30.4
	Japan	Female	29.4	30.5	32.3	31.4	33.6	35.2	35.2	35.6	36.2	39.7
		Male	25.4	27.5	26.6	28.5	29.2	29.9	29.9	30.6	31.6	34.8
	Germany	Female	22.8	21.9	24.1	24.5	25.5	25.2	26.4	27.1	27.6	28.5
		Male	14.5	13.7	15.0	15.5	17.1	16.7	17.4	18.3	19.2	18.9
25-54	U.S.	Female	13.6	13.6	13.3	13.1	12.8	12.8	12.3	12.4	11.7	11.4
		Male	4.1	4.1	4.2	4.0	4.2	4.0	3.7	3.7	3.5	3.5
	Japan	Female	30.5	30.2	30.6	30.6	32.1	33.1	32.5	32.4	31.6	32.7
		Male	5.0	4.5	4.5	4.4	4.9	5.4	5.3	4.9	4.5	5.2
	Germany	Female	39.1	39.1	38.6	38.2	37.9	37.0	36.7	36.0	35.8	35.1
		Male	5.6	5.6	5.7	5.6	5.8	5.9	5.9	5.8	6.0	5.9
55-64	U.S.	Female	15.3	15.9	16.4	16.1	15.2	15.5	15.2	14.9	14.4	14.5
		Male	6.7	6.9	6.2	6.3	6.1	5.8	5.6	6.0	5.7	5.6
	Japan	Female	40.0	40.5	41.8	41.5	43.2	43.7	42.5	42.4	42.1	43.2
		Male	11.0	11.3	11.1	10.9	12.1	12.5	11.6	10.8	9.5	9.9
	Germany	Female	42.7	42.0	42.6	41.9	42.2	41.4	41.1	40.9	40.6	40.6
		Male	8.3	8.1	8.9	9.2	9.2	9.3	9.2	9.1	9.0	8.5

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

労働生産性



Notes: Labor productivity is output per person employed in 2018 USD. Chinese data is based on official data.

Source: The Conference Board Total Economy Database™ (Adjusted version), April 2019.

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

Labor Productivity

(USD)

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S.	116,539	120,281	121,257	122,159	123,478	124,740	126,705	126,953	128,015	130,140
China	16,724	18,515	20,291	21,885	23,594	25,331	27,124	29,011	31,089	33,296
Japan	73,851	77,440	77,671	79,429	80,748	80,750	81,567	81,439	82,364	81,519
Germany	87,438	90,722	92,782	92,166	92,052	93,281	94,022	94,873	95,546	95,679
U.K.	86,881	88,148	89,143	89,461	90,239	90,754	91,308	91,599	92,357	92,544
India	11,470	12,596	13,256	13,819	14,465	15,227	16,091	17,197	18,064	19,129
S. Korea	66,800	70,175	71,512	71,857	72,130	72,819	74,049	75,550	76,944	78,711
Indonesia	20,095	20,776	21,812	22,945	23,861	24,709	25,934	26,228	26,867	27,707

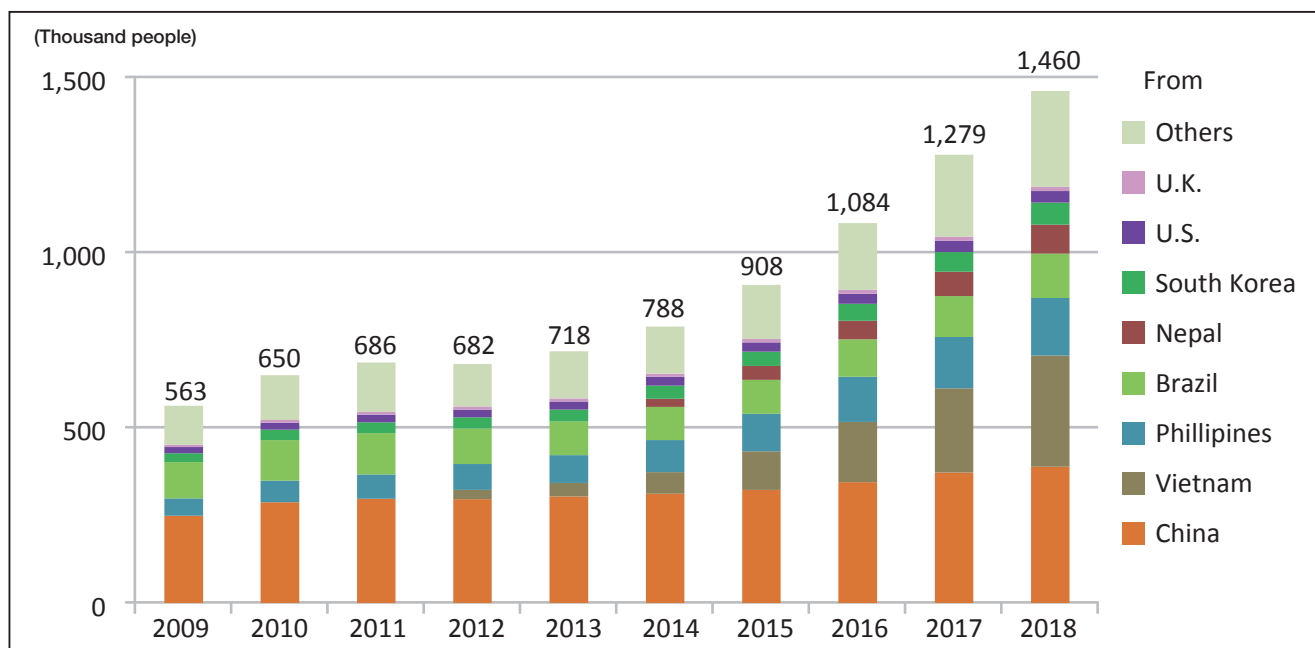
Notes: Labor productivity is output per person employed in 2018 USD. Chinese data is based on official data.

Source: The Conference Board Total Economy Database™ (Adjusted version), April 2019.

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

2-9 Foreign Workers in Japan

外国人労働者数



Note: Includes workers of professional technical fields, designated activities, extra-status activities (student) and long-term/permanent residents.

Source: Ministry of Health, Labor and Welfare https://www.mhlw.go.jp/stf/seisakunitsuite/bunya/koyou_roudou/koyou/gaikokujin/gaikokujin-koyou/06.html

Foreign Workers in Japan

(Thousand people)

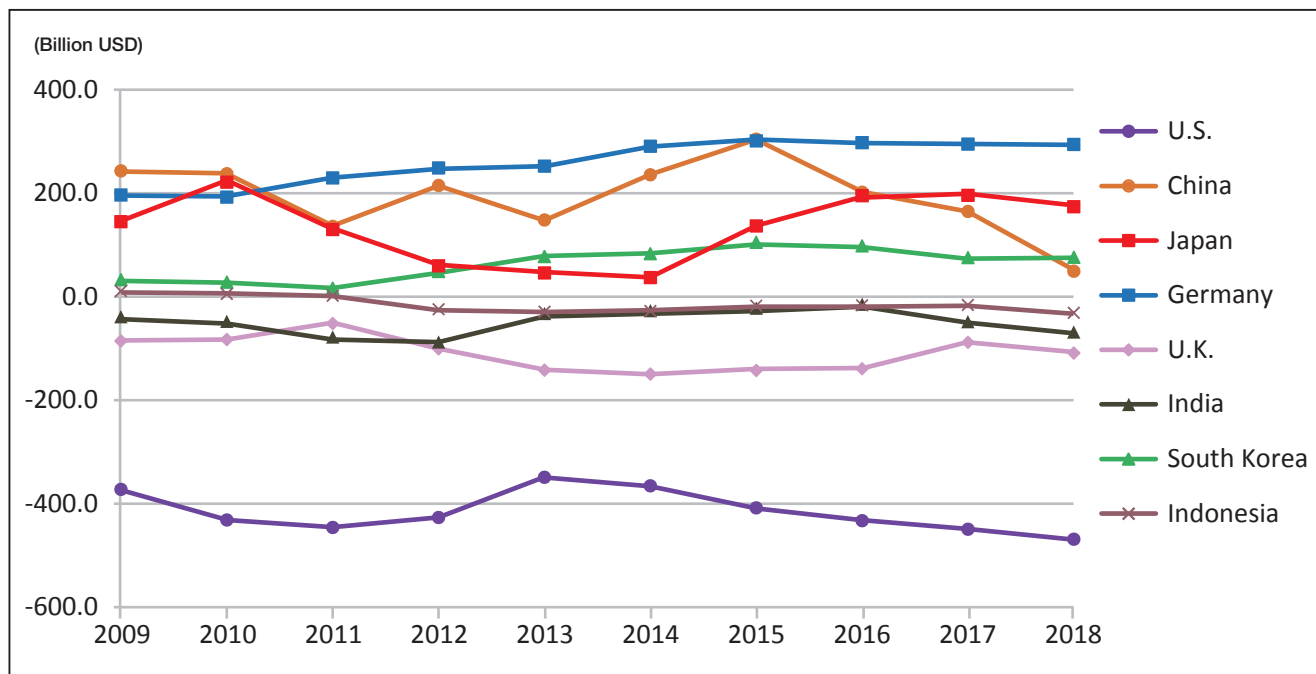
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
China	249	287	297	296	304	312	323	345	372	389
Vietnam	N/A			27	38	61	110	172	240	317
Philippines	49	62	70	73	80	92	107	128	147	164
Brazil	104	116	117	102	96	94	97	107	117	127
Nepal	N/A					24	39	53	69	82
S. Korea	25	29	31	32	34	37	41	48	56	63
U.S.	18	20	22	22	23	25	26	29	32	33
U.K.	7	8	8	9	9	9	10	11	12	12
Others	111	128	141	121	134	134	155	191	234	273
Total	563	650	686	682	718	788	908	1,084	1,279	1,460

Note: Includes workers of professional technical fields, designated activities, extra-status activities (students) and long-term/permanent residents.

Source: Ministry of Health, Labor and Welfare https://www.mhlw.go.jp/stf/seisakunitsuite/bunya/koyou_roudou/koyou/gaikokujin/gaikokujin-koyou/06.html

3-1 Current Account Balance

經常収支

Source : IMF <http://www.imf.org/external/pubs/ft/weo/2019/01/weodata/index.aspx>

Current Account Balance

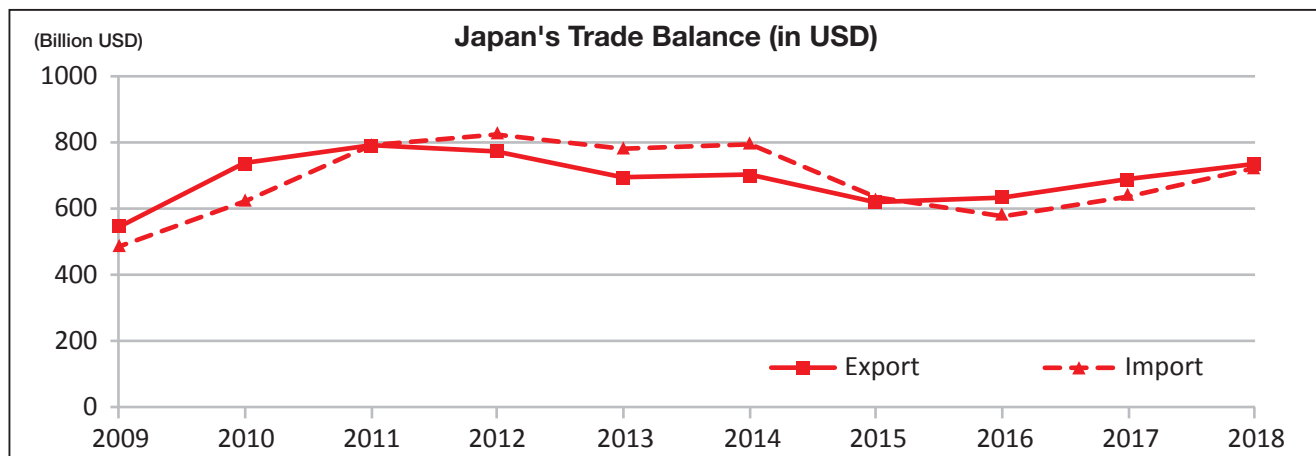
(Billion USD)

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S.	-372.5	-431.3	-445.7	-426.8	-348.8	-365.2	-407.8	-432.9	-449.1	* -468.8
China	243.3	237.8	136.1	215.4	148.2	236.0	304.2	202.2	164.9	49.2
Japan	145.3	221.0	129.8	59.7	45.9	36.8	136.4	194.9	196.1	174.1
Germany	196.7	192.3	229.7	248.9	252.5	291.0	301.2	297.5	295.0	294.3
U.K.	-85.4	-82.9	-51.6	-100.9	-141.9	-149.6	-142.4	-139.3	-88.1	-109.1
India	-38.4	-47.9	-78.2	-87.8	-32.3	-26.8	-22.1	-14.4	-48.7	-68.5
S. Korea	33.1	28.0	16.6	48.8	77.3	83.0	105.1	97.9	75.2	* 76.4
Indonesia	10.6	5.3	1.7	-24.4	-29.1	-27.5	-17.5	-17.0	-16.2	-31.1

* Estimate Source : IMF <http://www.imf.org/external/pubs/ft/weo/2019/01/weodata/index.aspx>

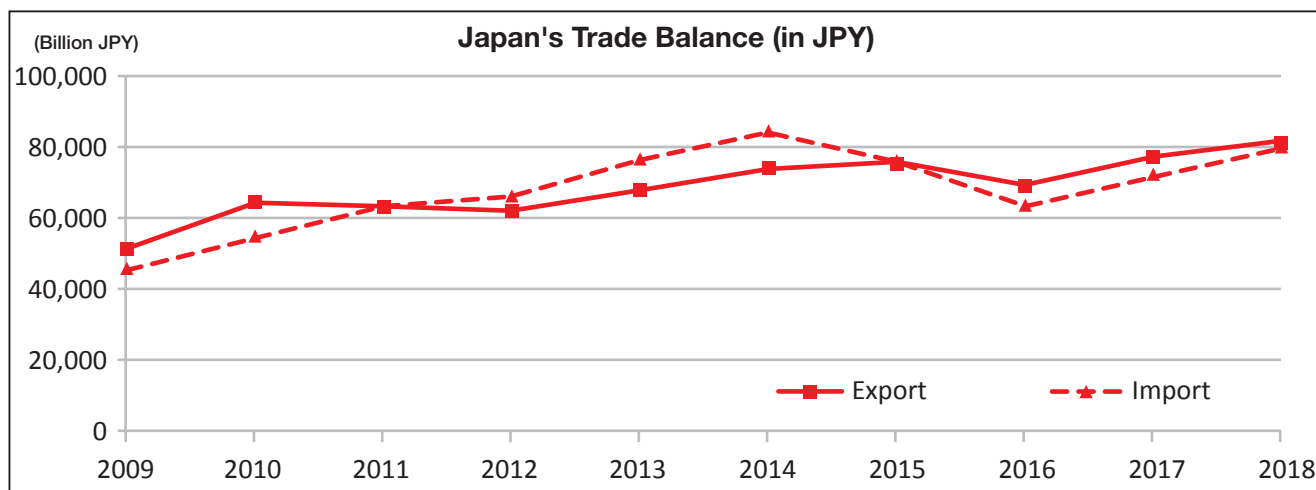
3-2 Trade Balance (Japan)

貿易収支(日本)



(Billion USD)

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Export	548	735	790	777	695	699	622	636	689	736
Import	490	627	794	830	785	799	629	585	645	724
Balance	58	109	-4	-53	-90	-100	-7	51	44	11

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

(Billion JPY)

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Export	51,122	64,391	62,965	61,957	67,829	74,075	75,274	69,093	77,254	81,239
Import	45,734	54,875	63,296	66,229	76,602	84,540	76,160	63,575	72,342	80,041
Balance	5,388	9,516	-330	-4,272	-8,773	-10,465	-886	5,518	4,911	1,198

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国

Exports										
(Billion JPY)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
World	54,170.6	67,399.6	65,546.5	63,747.6	69,774.2	73,093.0	75,613.9	70,035.8	78,286.5	81,478.8
1	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	U.S. 15,113.5	China 15,897.7
2	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	China 14,889.7	U.S. 15,470.2
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	S. Korea 5,975.2	S. Korea 5,792.6
4	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	Taiwan 4,557.8	Taiwan 4,679.2
5	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	Hong Kong 3,974.1	Hong Kong 3,832.3
6	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	Thailand 3,300.4	Thailand 3,562.5
7	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	Singapore 2,540.6	Singapore 2,584.1
8	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	Germany 2,124.6	Germany 2,305.6
9	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	Australia 1,795.6	Australia 1,886.2
10	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	Vietnam 1,688.1	Vietnam 1,814.2

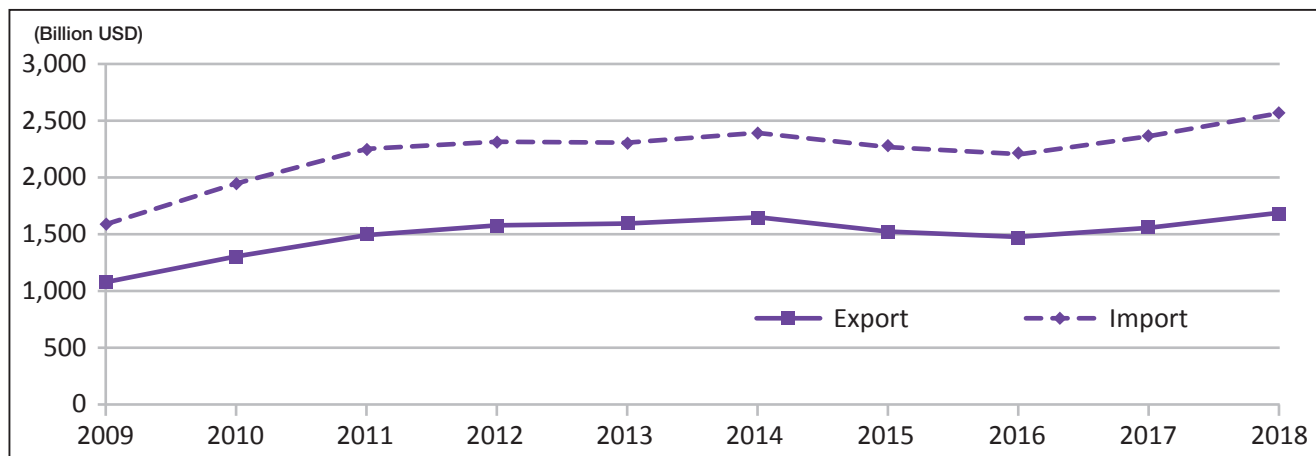
Source: Ministry of Finance http://www.customs.go.jp/toukei/suii/html/time_latest.htm

Imports										
(Billion JPY)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
World	51,499.4	60,765.0	68,111.2	70,688.6	81,242.5	85,909.1	78,405.5	66,042.0	75,379.2	82,703.3
1	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	China 18,459.3	China 19,193.7
2	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	U.S. 8,090.3	U.S. 9,014.9
3	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	Australia 4,365.0	Australia 5,052.8
4	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	S. Korea 3,152.7	Saudi Arabia 3,732.9
5	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	Saudi Arabia 3,115.0	S. Korea 3,550.5
6	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	Taiwan 2,847.8	UAE 3,046.3
7	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	Germany 2,627.2	Taiwan 2,997.5
8	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	Thailand 2,550.2	Germany 2,869.3
9	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	UAE 2,328.8	Thailand 2,770.7
10	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	Indonesia 2,230.7	Indonesia 2,378.9

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)



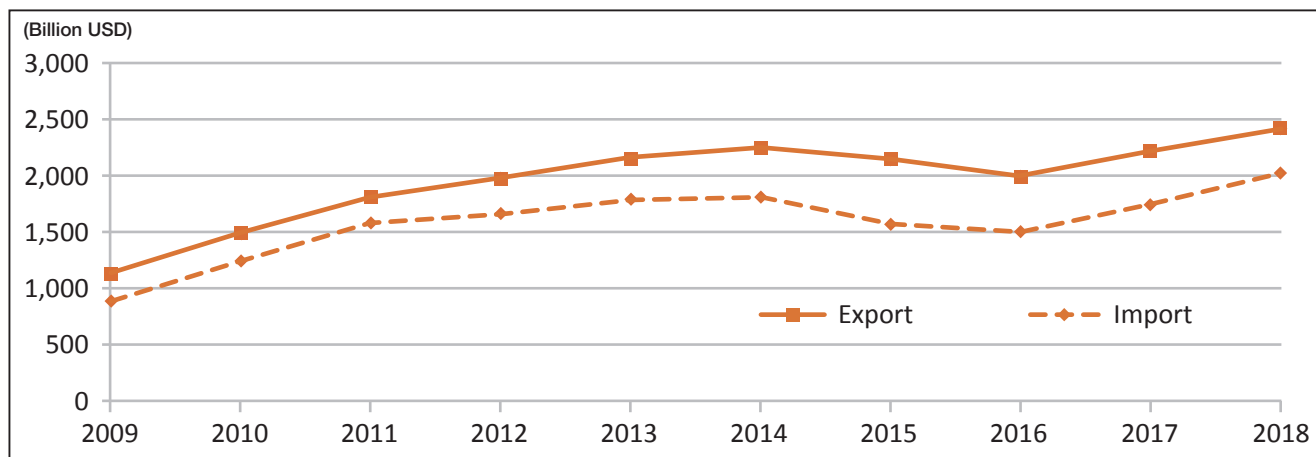
(Billion USD)

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Export	1,070	1,290	1,499	1,563	1,594	1,636	1,511	1,457	1,554	1,674
Import	1,580	1,939	2,240	2,304	2,294	2,385	2,273	2,207	2,359	2,562
Balance	-510	-649	-741	-741	-701	-750	-762	-750	-805	-887

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

3-5 Trade Balance (China)

貿易収支(中国)



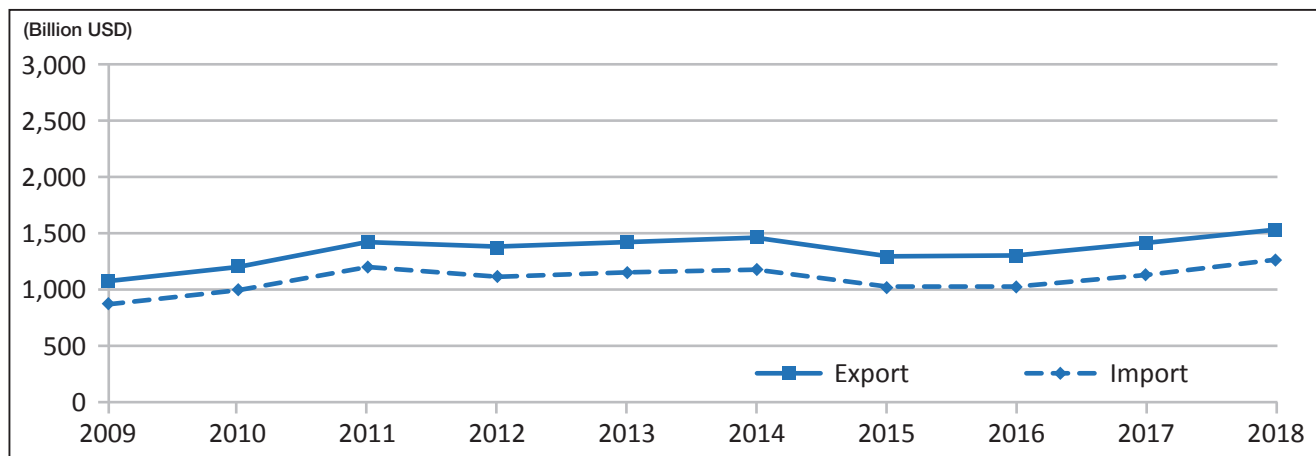
(Billion USD)

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Export	1,127	1,486	1,808	1,974	2,149	2,244	2,143	1,990	2,216	2,417
Import	884	1,240	1,579	1,662	1,790	1,809	1,567	1,501	1,740	2,022
Balance	244	246	229	312	359	435	576	489	476	395

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

3-6 Trade Balance (Germany)

貿易収支(ドイツ)



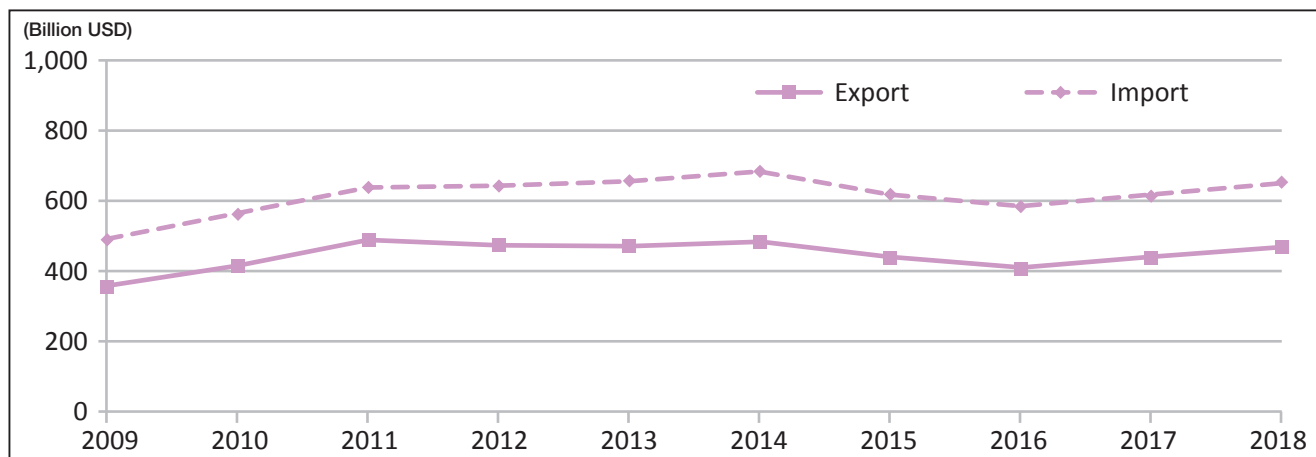
(Billion USD)

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Export	1,074	1,213	1,429	1,374	1,423	1,470	1,294	1,304	1,418	1,527
Import	877	999	1,203	1,118	1,152	1,178	1,018	1,024	1,133	1,265
Balance	197	213	227	256	271	291	275	280	286	262

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

3-7 Trade Balance (U.K.)

貿易収支(イギリス)



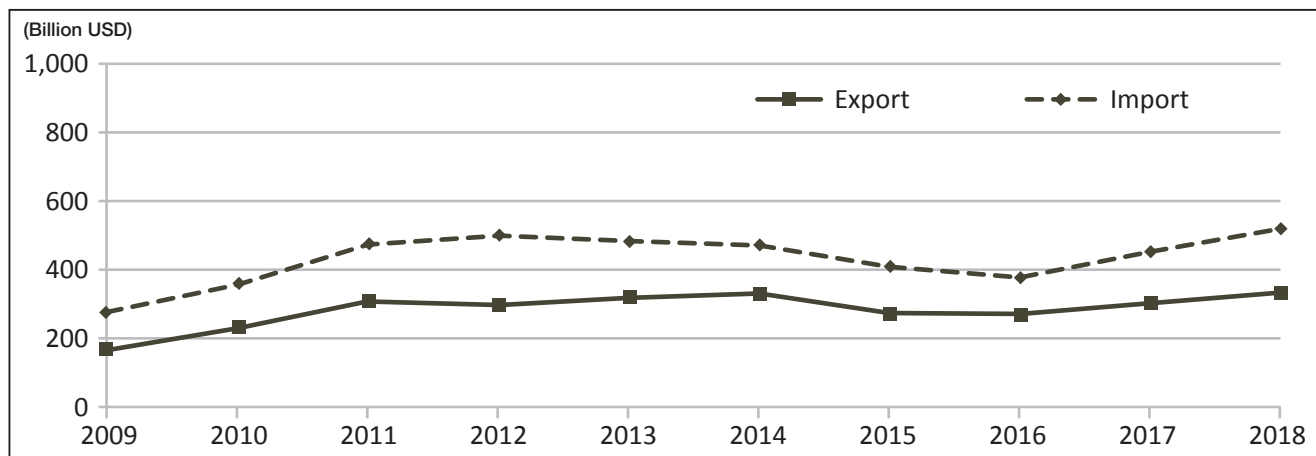
(Billion USD)

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Export	356	413	487	473	470	482	438	404	436	468
Import	489	561	638	642	656	683	618	583	613	652
Balance	-133	-148	-151	-169	-186	-201	-180	-179	-177	-184

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

3-8 Trade Balance (India)

貿易収支(インド)



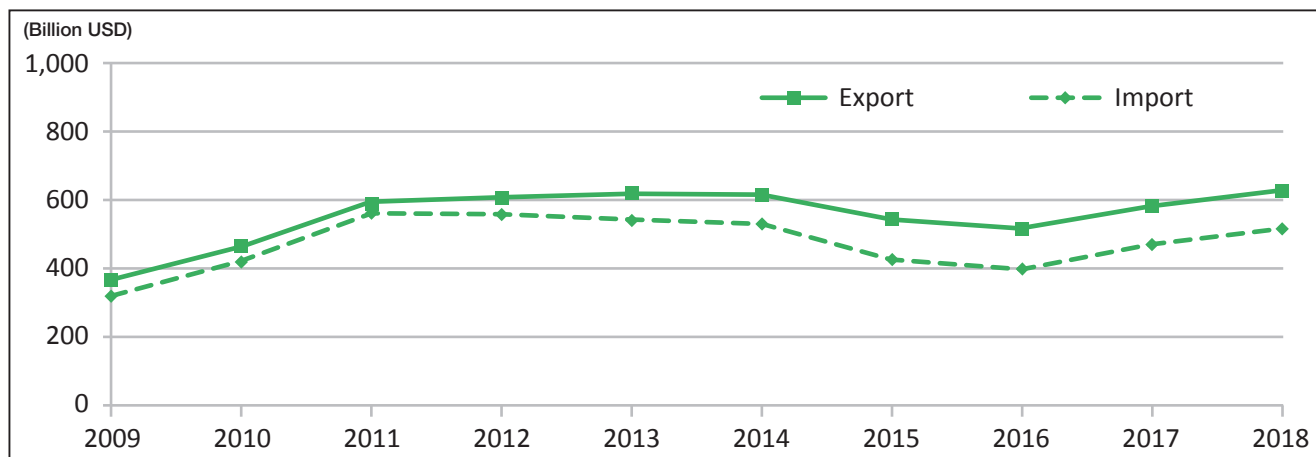
(Billion USD)

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Export	168	231	308	298	319	328	272	269	304	332
Import	275	360	475	500	482	472	409	376	452	519
Balance	-107	-129	-167	-202	-163	-144	-137	-107	-148	-187

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

3-9 Trade Balance (South Korea)

貿易収支(韓国)



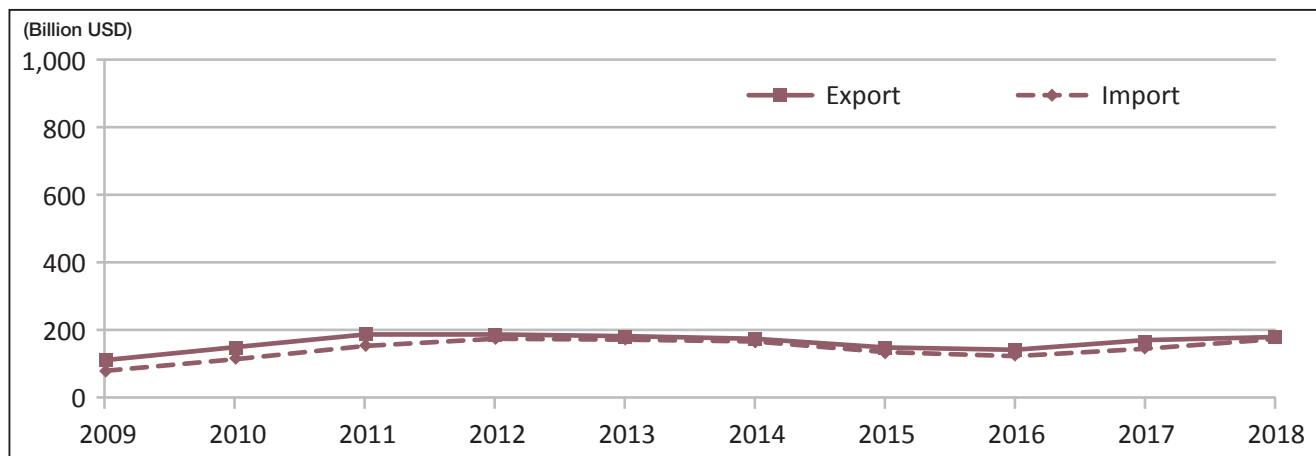
(Billion USD)

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Export	364	464	587	604	618	613	543	512	580	625
Import	316	416	559	555	538	527	423	395	467	514
Balance	48	48	28	49	80	86	120	116	114	112

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

3-10 Trade Balance (Indonesia)

貿易収支(インドネシア)



(Billion USD)

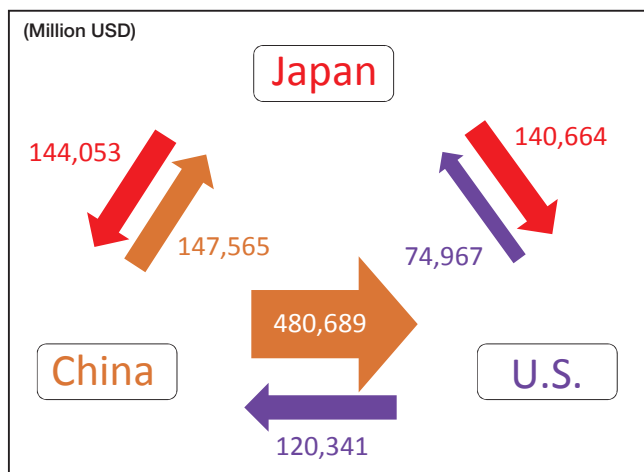
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Export	113	150	191	187	182	175	149	144	169	181
Import	81	119	157	179	176	168	135	129	150	181
Balance	32	31	34	9	6	7	14	15	19	0

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

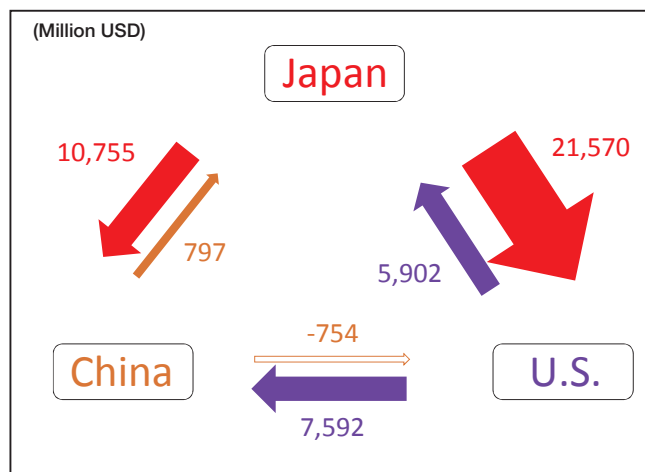
3-11 Trade and Investment (U.S.-Japan-China)

日米中の貿易・投資

Trade (2018)

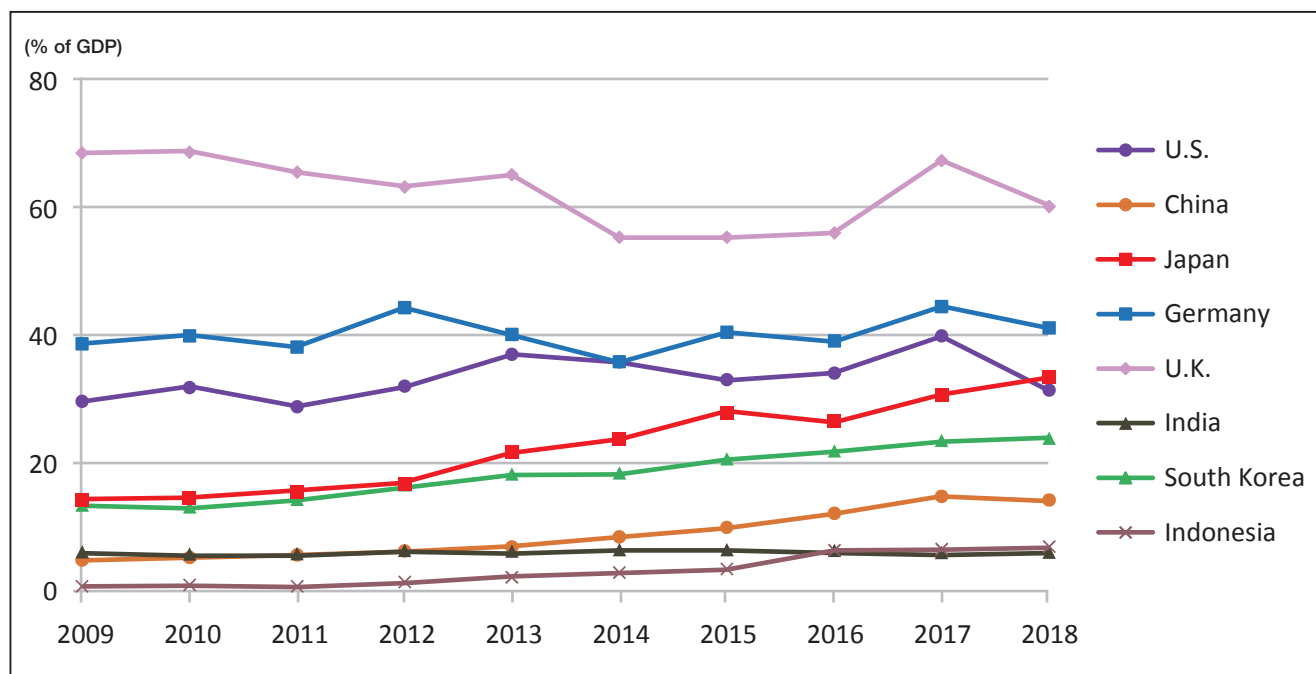
Source: IMF data compiled by JETRO.
<https://www.jetro.go.jp/world/gtir/2019.html>

FDI Inflows and Outflows (2018)

Sources: U.S. Department of Commerce
Ministry of Finance data compiled by JETRO.
<https://www.jetro.go.jp/world/gtir/2019.html>

3-12 Outward Foreign Direct Investment (FDI) (Stock)

對外直接投資殘高

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

Outward Foreign Direct Investment (FDI) (Stock)

(Billion USD, % of GDP)

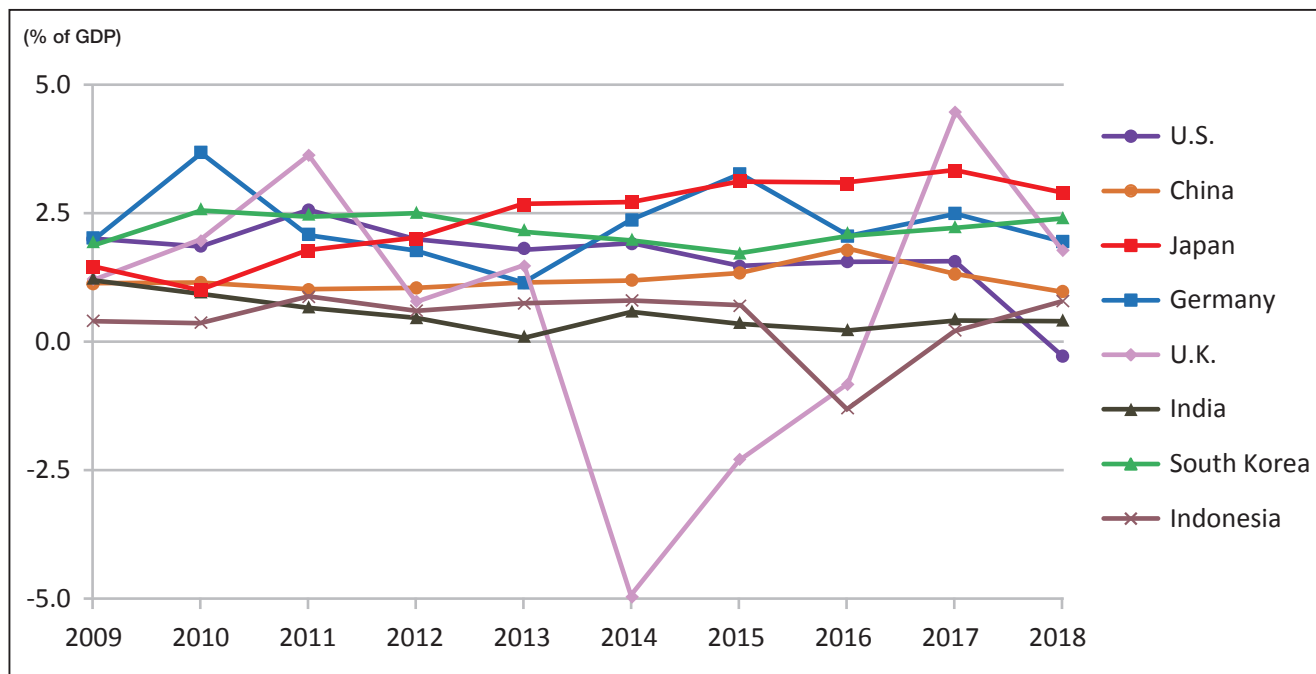
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S.	4,322 (29.7%)	4,810 (31.9%)	4,514 (28.9%)	5,223 (32.0%)	6,254 (37.0%)	6,320 (35.9%)	6,059 (33.1%)	6,412 (34.1%)	7,829 (40.0%)	6,475 (31.4%)
China	246 (4.8%)	317 (5.2%)	425 (5.6%)	532 (6.2%)	660 (6.9%)	883 (8.4%)	1,098 (9.9%)	1,357 (12.1%)	1,809 (14.8%)	1,939 (14.3%)
Japan	741 (14.2%)	831 (14.6%)	956 (15.5%)	1,038 (16.7%)	1,118 (21.7%)	1,152 (23.8%)	1,229 (28.0%)	1,315 (26.6%)	1,495 (30.7%)	1,665 (33.4%)
Germany	^D 1,323 (38.7%)	^D 1,365 (39.9%)	^D 1,435 (38.2%)	^D 1,572 (44.3%)	^D 1,507 (40.2%)	^D 1,399 (35.9%)	^D 1,369 (40.5%)	^D 1,368 (39.1%)	^D 1,645 (44.5%)	^D 1,645 (41.2%)
U.K.	1,643 (68.6%)	1,686 (68.7%)	1,729 (65.6%)	1,694 (63.3%)	1,796 (65.2%)	1,681 (55.4%)	1,605 (55.4%)	1,492 (56.1%)	1,774 (67.4%)	1,697 (60.2%)
India	81 (6.1%)	97 (5.8%)	110 (5.9%)	118 (6.3%)	120 (6.3%)	132 (6.4%)	139 (6.5%)	144 (6.3%)	155 (6.0%)	166 (6.1%)
S. Korea	^A 121 (13.4%)	^A 144 (13.2%)	^A 172 (14.3%)	^A 203 (16.6%)	^A 239 (18.3%)	^A 261 (18.5%)	^A 286 (20.7%)	^A 310 (21.9%)	^A 361 (23.6%)	^A 388 (23.9%)
Indonesia	4 (0.7%)	7 (0.9%)	6 (0.7%)	12 (1.4%)	19 (2.1%)	25 (2.9%)	29 (3.4%)	59 (6.3%)	66 (6.5%)	72 (6.9%)

A Asset/Liability basis. D Directional basis calculated from Asset/Liability basis.

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

3-13 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)

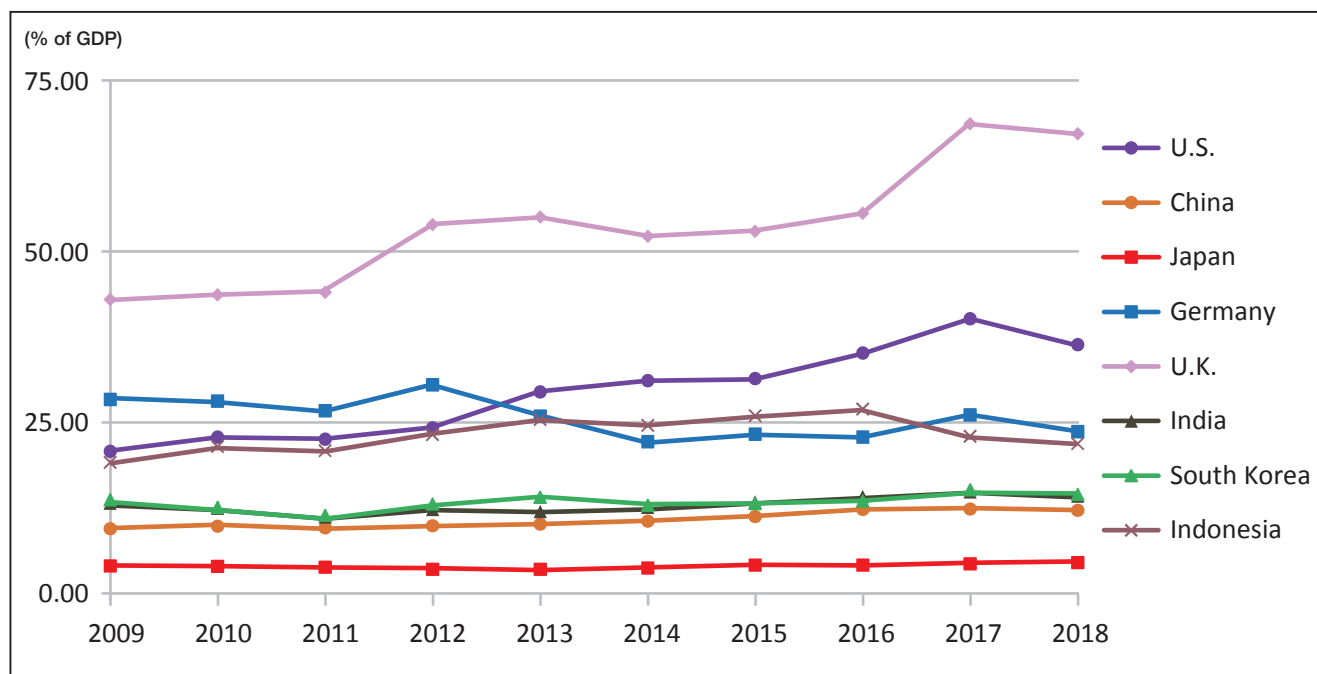
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S.	287,901 (2.0%)	277,779 (1.8%)	396,569 (2.5%)	318,196 (2.0%)	303,432 (1.8%)	333,014 (1.9%)	264,359 (1.4%)	289,261 (1.5%)	300,378 (1.5%)	-63,550 (-0.3%)
China	56,529 (1.1%)	68,811 (1.1%)	74,654 (1.0%)	87,804 (1.0%)	107,844 (1.1%)	123,120 (1.2%)	145,667 (1.3%)	196,149 (1.8%)	158,290 (1.3%)	129,830 (1.0%)
Japan	74,699 (1.4%)	56,263 (1.0%)	107,599 (1.7%)	122,549 (2.0%)	135,749 (2.6%)	130,843 (2.7%)	136,249 (3.1%)	151,301 (3.1%)	160,449 (3.3%)	143,161 (2.9%)
Germany	^D 68,541 (2.0%)	^D 125,451 (3.7%)	^D 77,929 (2.1%)	^D 62,164 (1.8%)	^D 42,270 (1.1%)	^D 91,842 (2.4%)	^D 109,892 (3.2%)	^D 71,244 (2.0%)	^D 91,799 (2.5%)	^D 77,076 (1.9%)
U.K.	28,965 (1.2%)	48,092 (2.0%)	95,587 (3.6%)	20,700 (0.8%)	40,486 (1.5%)	-151,286 (-5.0%)	-66,821 (-2.3%)	-22,516 (-0.8%)	117,544 (4.5%)	49,880 (1.8%)
India	16,058 (1.2%)	15,947 (1.0%)	12,456 (0.7%)	8,486 (0.5%)	1,679 (0.1%)	11,783 (0.6%)	7,572 (0.4%)	5,072 (0.2%)	11,141 (0.4%)	11,037 (0.4%)
S. Korea	^A 17,401 (1.9%)	^A 28,222 (2.6%)	^A 29,648 (2.5%)	^A 30,599 (2.5%)	^A 28,318 (2.2%)	^A 27,999 (2.0%)	^A 23,687 (1.7%)	^A 29,890 (2.1%)	^A 34,069 (2.2%)	^A 38,917 (2.4%)
Indonesia	2,249 (0.4%)	2,664 (0.4%)	7,713 (0.9%)	5,422 (0.6%)	6,647 (0.7%)	7,077 (0.8%)	5,937 (0.7%)	-12,215 (-1.3%)	2,077 (0.2%)	8,139 (0.8%)

^A Asset/Liability basis. ^D Directional basis calculated from Asset/Liability basis.

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

3-14 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)

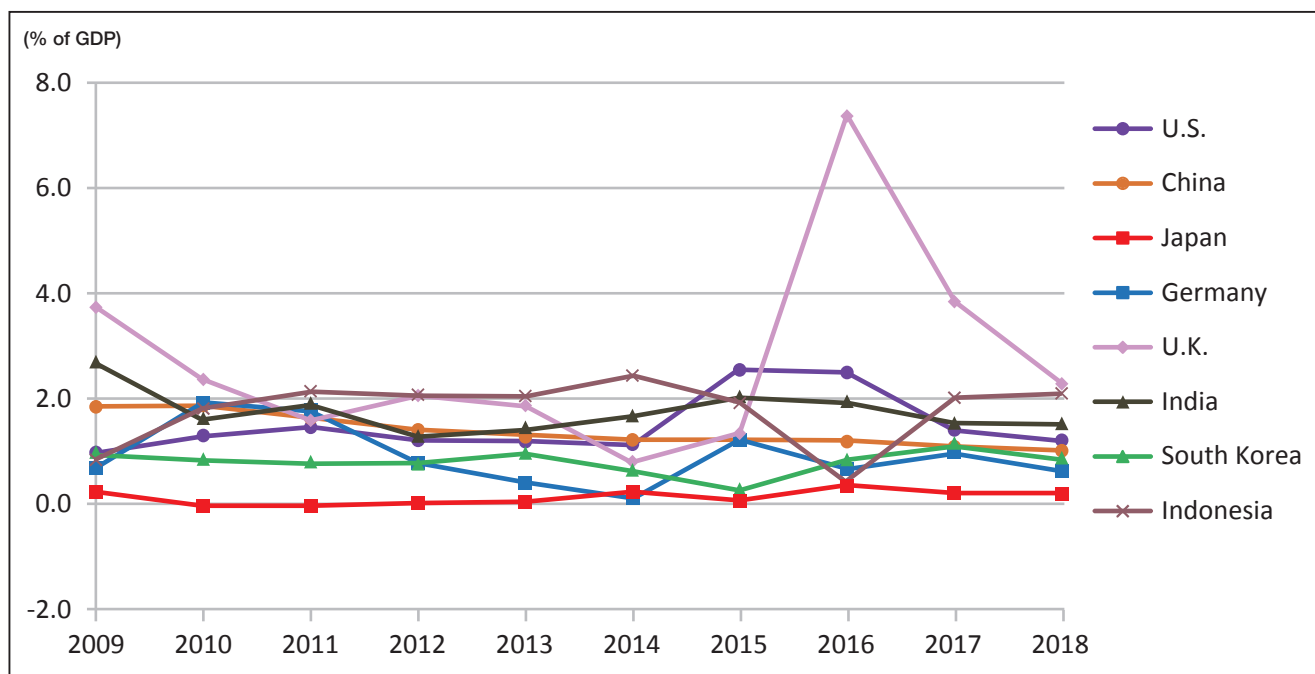
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S.	2,995 (20.6%)	3,422 (22.7%)	3,499 (22.4%)	3,916 (24.0%)	4,948 (29.3%)	5,457 (31.0%)	5,731 (31.3%)	6,586 (35.0%)	7,844 (40.0%)	7,465 (36.2%)
China	473 (9.3%)	588 (9.6%)	712 (9.4%)	833 (9.7%)	957 (10.0%)	1,085 (10.4%)	1,221 (11.0%)	1,355 (12.1%)	1,489 (12.2%)	1,628 (12.0%)
Japan	200 (3.8%)	215 (3.8%)	226 (3.7%)	206 (3.3%)	171 (3.3%)	172 (3.5%)	174 (4.0%)	197 (4.0%)	200 (4.1%)	214 (4.3%)
Germany	D 964 (28.2%)	D 956 (28.0%)	D 998 (26.6%)	D 1,077 (30.4%)	D 968 (25.8%)	D 860 (22.0%)	D 782 (23.1%)	D 795 (22.7%)	D 957 (25.9%)	D 939 (23.5%)
U.K.	1,026 (42.9%)	1,068 (43.5%)	1,158 (43.9%)	1,440 (53.8%)	1,513 (54.9%)	1,582 (52.1%)	1,531 (52.8%)	1,476 (55.5%)	1,806 (68.6%)	1,890 (67.1%)
India	171 (13.0%)	206 (12.3%)	206 (11.0%)	225 (12.1%)	227 (11.8%)	253 (12.4%)	283 (13.2%)	318 (14.0%)	377 (14.6%)	386 (14.1%)
S. Korea	A 122 (13.5%)	A 135 (12.4%)	A 135 (11.2%)	A 158 (12.9%)	A 181 (13.9%)	A 179 (12.7%)	A 180 (13.0%)	A 189 (13.4%)	A 229 (15.0%)	A 231 (14.3%)
Indonesia	109 (18.9%)	161 (21.3%)	185 (20.7%)	212 (23.1%)	231 (25.3%)	217 (24.4%)	222 (25.8%)	250 (26.8%)	231 (22.8%)	226 (21.7%)

A Asset/Liability basis. D Directional basis calculated from Asset/Liability basis.

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

3-15 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)

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S.	143,604 (1.0%)	198,049 (1.3%)	229,862 (1.5%)	199,034 (1.2%)	201,393 (1.2%)	201,733 (1.1%)	467,625 (2.6%)	471,792 (2.5%)	277,258 (1.4%)	251,814 (1.2%)
China	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%)	133,710 (1.2%)	134,063 (1.1%)	139,043 (1.0%)
Japan	11,938 (0.2%)	-1,252 (0.0%)	-1,758 (0.0%)	1,732 (0.0%)	2,304 (0.0%)	12,030 (0.2%)	2,976 (0.1%)	17,751 (0.4%)	10,430 (0.2%)	9,858 (0.2%)
Germany	^D 23,806 (0.7%)	^D 65,643 (1.9%)	^D 67,514 (1.8%)	^D 28,181 (0.8%)	^D 15,572 (0.4%)	^D 4,864 (0.1%)	^D 41,444 (1.2%)	^D 23,500 (0.7%)	^D 36,931 (1.0%)	^D 25,706 (0.6%)
U.K.	89,709 (3.7%)	58,200 (2.4%)	42,200 (1.6%)	55,446 (2.1%)	51,676 (1.9%)	24,690 (0.8%)	39,186 (1.4%)	196,132 (7.4%)	101,238 (3.8%)	64,487 (2.3%)
India	^A 35,634 (2.7%)	^A 27,417 (1.6%)	^A 36,190 (1.9%)	^A 24,196 (1.3%)	^A 28,199 (1.5%)	^A 34,582 (1.7%)	^A 44,064 (2.1%)	^A 44,481 (2.0%)	^A 39,904 (1.5%)	^A 42,286 (1.5%)
S. Korea	^A 9,022 (1.0%)	^A 9,497 (0.9%)	^A 9,773 (0.8%)	^A 9,496 (0.8%)	^A 12,767 (1.0%)	^A 9,274 (0.7%)	^A 4,104 (0.3%)	^A 12,104 (0.9%)	^A 17,913 (1.2%)	^A 14,479 (0.9%)
Indonesia	4,878 (0.8%)	13,771 (1.8%)	19,241 (2.2%)	19,138 (2.1%)	18,817 (2.1%)	21,811 (2.4%)	16,641 (1.9%)	3,921 (0.4%)	20,579 (2.0%)	21,980 (2.1%)

^A Asset/Liability basis. ^D Directional basis calculated from Asset/Liability basis.

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

3-16 FDI (Japan) (Flow)

直接投資フロー（日本）

Outward FDI (Flow) by Destination

(Million USD)

		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1	U.S.	10,660	9,193	14,730	31,974	43,703	49,437	50,218	53,102	49,601	21,570
2	U.K.	2,126	4,624	14,125	11,882	13,319	6,273	13,979	51,399	22,328	21,437
3	Cayman Islands	12,903	-1,848	223	2,276	437	799	5,351	21,890	3,322	17,086
4	Singapore	2,881	3,845	4,492	1,566	3,545	8,144	7,010	-18,594	9,478	15,909
5	China	6,899	7,252	12,649	13,479	9,104	10,889	10,011	9,534	11,122	10,755
	Germany	2,089	-321	2,165	1,797	2,653	3,423	3,925	1,870	4,344	5,162
	S. Korea	1,077	1,085	2,439	3,996	3,296	3,196	1,593	1,724	1,840	4,807
	India	3,664	2,864	2,326	2,802	2,155	2,408	-1,041	4,252	1,500	3,218
	EU	17,039	8,359	36,052	29,023	30,999	27,026	35,785	70,399	58,904	49,313
	ASEAN	7,002	8,930	19,645	10,675	23,619	22,819	20,920	-5,218	22,330	29,754
	TOTAL	74,650	57,223	108,808	122,355	135,049	138,018	138,428	178,533	173,856	159,147

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)

		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1	U.S.	1,831	2,961	-3,197	-110	1,378	7,131	4,338	6,847	6,229	5,902
2	U.K.	5,629	4,817	1,792	1,212	618	432	-1,527	5,676	-3,603	4,359
3	Cayman Islands	965	616	-1,294	-1,953	-1,104	414	-2,313	1,226	2,649	3,922
4	France	371	1,128	3,438	-463	-645	1,998	2,063	4,539	3,777	3,414
5	S. Korea	255	274	197	559	48	669	932	614	1,133	1,949
	Germany	389	2,206	18	449	10	1,259	-3,394	820	663	1,822
	China	-137	314	109	72	140	767	636	-92	985	797
	India	14	4	9	19	18	-2	24	-1	13	2
	EU	9,207	132	4,537	-3,005	1,401	3,672	-2,104	22,093	4,047	6,609
	ASEAN	985	1,810	831	1,003	317	1,648	2,324	3,907	2,975	1,076
	TOTAL	11,839	-1,359	-1,702	1,761	2,358	19,770	5,253	40,942	20,422	25,885

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>

3-17 FDI (Japan) (Stock)

直接投資残高(日本)

Outward FDI (Stock) by Destination

(Million USD)

		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1	U.S.	230,948	251,805	275,504	286,529	331,439	381,845	418,928	452,512	490,608	503,937
2	U.K.	31,282	37,956	48,194	53,956	67,742	77,533	89,030	123,938	154,037	163,498
3	Netherlands	77,470	75,995	84,950	94,444	96,451	96,745	106,367	105,305	130,410	132,756
4	China	55,045	66,478	83,379	93,215	98,132	104,408	108,902	108,734	119,029	123,775
5	Singapore	23,608	27,502	31,703	36,063	36,549	45,733	50,484	41,627	63,616	78,519
	S. Korea	12,603	15,043	17,968	25,594	29,850	31,897	31,492	31,964	37,060	39,147
	Germany	15,096	15,316	16,715	16,906	17,071	19,481	21,207	21,709	27,026	29,039
	India	8,982	13,558	15,416	15,107	13,738	13,751	14,101	17,889	22,202	24,450
	EU	174,881	182,194	215,484	237,800	259,153	267,283	290,918	324,072	402,213	428,180
	ASEAN	75,746	90,749	110,954	122,269	136,258	159,933	166,997	167,216	204,762	228,873
	TOTAL	740,364	830,464	957,703	1,040,463	1,117,267	1,185,447	1,261,020	1,356,717	1,554,738	1,645,868

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)

		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1	U.S.	75,003	72,497	70,908	61,756	52,402	57,559	56,796	60,654	59,692	59,143
2	Netherlands	36,034	36,890	39,936	31,607	27,664	26,395	30,581	32,941	42,540	41,897
3	France	15,208	19,193	20,505	18,033	14,249	23,353	25,325	28,832	31,086	34,071
4	Singapore	10,632	13,901	16,031	15,383	13,360	14,437	15,018	20,216	21,993	23,891
5	U.K.	7,318	9,386	15,894	15,471	13,115	15,761	16,005	18,811	15,831	23,602
	Germany	7,166	10,009	9,651	8,386	6,438	8,881	6,359	7,735	8,195	9,914
	S. Korea	1,444	1,933	2,225	2,851	2,079	2,346	3,234	3,429	5,102	6,712
	China	197	399	560	552	576	1,162	1,911	1,616	2,535	3,453
	India	32	40	52	56	56	49	74	78	95	100
	EU	74,832	82,236	94,293	81,271	68,462	82,980	87,132	105,564	116,043	123,637
	ASEAN	11,004	14,596	16,835	16,150	14,062	16,316	17,425	23,124	25,193	27,204
	TOTAL	199,991	214,722	226,224	206,301	170,597	198,231	205,699	241,071	256,780	278,180

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>

3-18 FDI (U.S.)

直接投資(米国)

Outward FDI (Flow) by Destination

(Million USD)

		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1	Luxembourg	22,194	48,156	48,113	15,622	39,161	37,125	-365	30,833	33,444	37,632
2	U. K. Islands, Caribbean	7,746	10,926	11,588	25,339	17,312	25,821	20,608	11,148	25,731	21,923
3	Canada	14,342	17,594	48,598	29,608	20,650	30,691	10,114	13,822	18,624	19,695
4	Belgium	4,679	3,846	4,494	-2,798	2,338	-663	3,014	2,522	1,318	9,937
5	U.K.	28,940	38,839	25,605	41,790	25,301	29,112	14,426	33,469	23,093	8,618
	China	-7,512	5,420	-1,720	-1,223	7,397	11,033	6,029	8,561	9,850	7,592
	Japan	11,138	917	2,787	943	6,227	-13,003	5,177	-1,398	9,653	3,289
	Germany	7,839	5,898	8,187	1,860	-2,409	-115	1,691	4,424	2,148	2,632
	India	2,470	3,069	3,083	3,785	2,563	4,092	3,820	3,786	4,238	2,080
	S. Korea	3,200	2,745	3,277	1,838	2,493	4,795	2,225	1,902	1,693	-455
	EU	147,657	174,904	214,516	141,152	149,558	141,607	136,756	170,941	143,443	43,887
	ASEAN	7,845	22,008	16,453	20,443	22,637	35,295	23,996	11,625	15,356	-49,562
	TOTAL	287,901	277,779	396,569	318,196	303,432	333,014	264,359	289,261	300,378	-90,623

Note: Financial outflow transactions without current-cost adjustment.

Source: U.S. Department of Commerce ASEAN: Compiled by Keizai Koho Center from U.S. Department of Commerce data
<https://apps.bea.gov/iTable/iTable.cfm?ReqID=2&step=1><https://apps.bea.gov/scb/>

Inward FDI (Flow) by Source

(Million USD)

		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1	Netherlands	5,018	20,772	8,457	38,618	4,606	29,685	33,318	47,186	17,770	83,614
2	Ireland	-1,348	5,417	-1,696	-936	9,554	7,114	14,892	36,695	17,269	64,187
3	Canada	30,366	7,357	18,790	17,326	14,933	23,479	58,887	67,053	71,904	47,469
4	Germany	12,320	18,760	16,396	6,772	12,427	37,121	25,353	14,931	11,899	26,795
5	Switzerland	10,710	41,406	19,894	16,110	18,420	31,139	-5,732	56,155	21,082	25,576
	Japan	6,544	15,805	17,077	22,114	46,413	44,891	32,997	31,610	43,868	22,200
	S. Korea	236	2,245	4,798	6,185	6,601	9,024	1,302	3,392	10,392	5,218
	U.K.	18,373	30,069	46,316	39,640	32,023	-94,851	50,294	57,267	43,694	1,326
	India	490	1,289	1,241	367	-22	1,287	298	-537	928	-223
	China	500	1,037	1,105	3,419	1,920	2,201	5,127	25,445	-504	-754
	EU	94,044	110,758	102,469	138,895	90,392	49,204	329,844	259,250	127,893	121,685
	ASEAN	1,538	1,217	3,400	488	1,713	6,890	4,038	-602	-2,017	-775
	TOTAL	143,604	198,049	229,862	199,034	201,393	201,733	467,625	471,792	277,258	253,561

Note: Financial inflow transactions without current-cost adjustment.

Source: U.S. Department of Commerce ASEAN: Compiled by Keizai Koho Center from U.S. Department of Commerce data
<https://apps.bea.gov/iTable/iTable.cfm?ReqID=2&step=1><https://apps.bea.gov/scb/>

3-19 FDI (China)

直接投資(中国)

Outward FDI (Flow) by Destination

(Million USD)

		2009	2010	2011	2012	2013	2014	2015	2016	2017
1	Hong Kong	35,601	38,505	35,655	51,238	62,824	70,867	89,790	114,233	91,153
2	Virgin Islands	1,612	6,120	6,208	2,239	3,222	4,570	1,849	12,288	19,301
3	U.S.	909	1,308	1,811	4,048	3,873	7,596	8,029	16,981	6,425
4	Singapore	1,414	1,119	3,269	1,519	2,033	2,814	10,452	3,172	6,320
5	Australia	2,436	1,702	3,165	2,173	3,458	4,049	3,401	4,187	4,242
	Germany	179	412	512	799	911	1,439	410	2,381	2,716
	U.K.	192	330	1,420	2,775	1,420	1,499	1,848	1,480	2,066
	S. Korea	265	-722	342	942	269	549	1,325	1,148	661
	Japan	84	338	149	211	434	394	240	344	444
	India	N/A						705	93	290
	TOTAL	56,529	68,811	74,654	87,804	107,844	123,120	145,667	196,149	158,288

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

(Million USD)

		2009	2010	2011	2012	2013	2014	2015	2016	2017
1	Hong Kong	46,075	60,567	70,500	65,561	73,397	81,268	86,387	81,465	94,509
2	Singapore	3,604	5,428	6,097	6,305	7,229	5,827	6,904	6,047	4,763
3	British Virgin Islands	11,299	10,447	9,725	7,831	6,159	6,225	7,388	6,740	3,991
4	S. Korea	2,700	2,692	2,551	3,038	3,054	3,966	4,034	4,751	3,673
5	Japan	4,105	4,084	6,330	7,352	7,058	4,325	3,195	3,096	3,261
	U.S.	2,555	3,017	2,369	2,598	2,820	2,370	2,089	2,390	2,649
	Germany	1,217	888	1,129	1,451	2,078	2,071	1,556	2,710	1,542
	U.K.	679	710	582	410	392	735	496	1,354	1,003
	India	55	49	42	44	27	51	81	52	158
	TOTAL	90,033	105,732	116,010	111,716	117,586	119,562	126,266	126,001	131,035

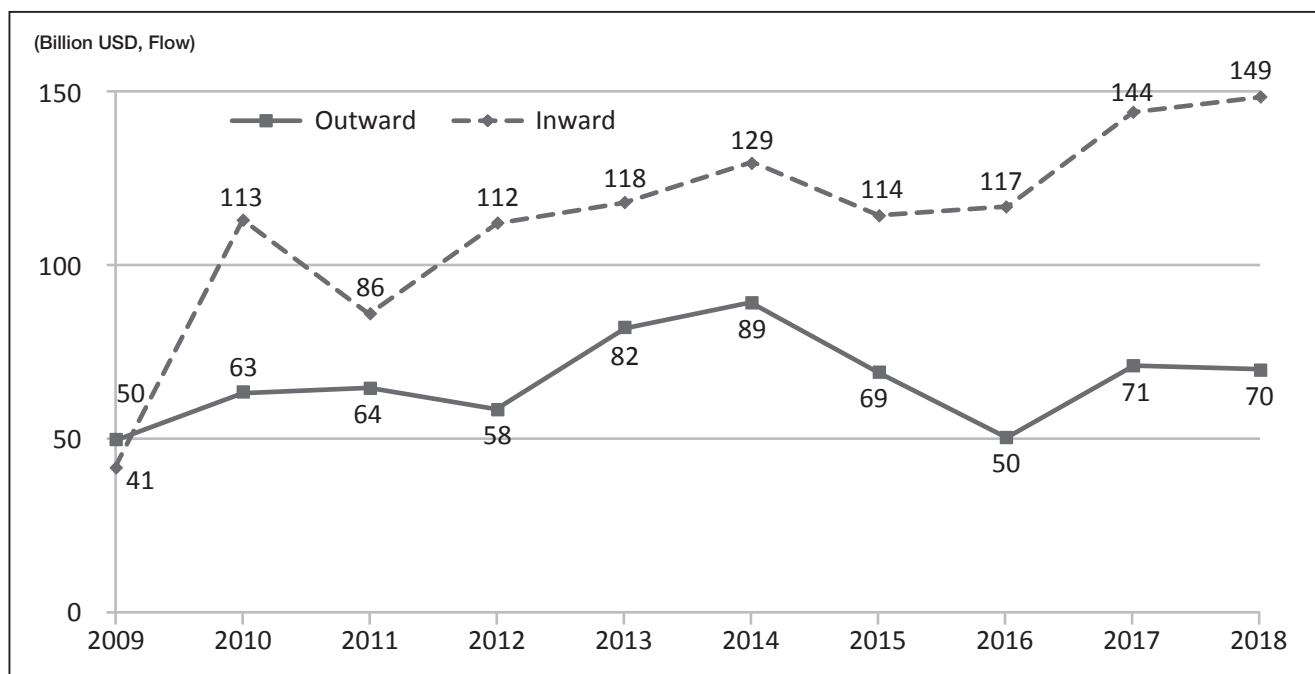
Note: Including foreign direct investments and other foreign investments and the basic condition of registration of foreign funded enterprises.

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/>

3-20 FDI (ASEAN)

直接投資 (ASEAN)



Source: UNCTAD <http://unctadstat.unctad.org/wds/TableViewer/tableView.aspx?ReportId=96740>

Inward FDI (Flow) by Source

(Million USD)

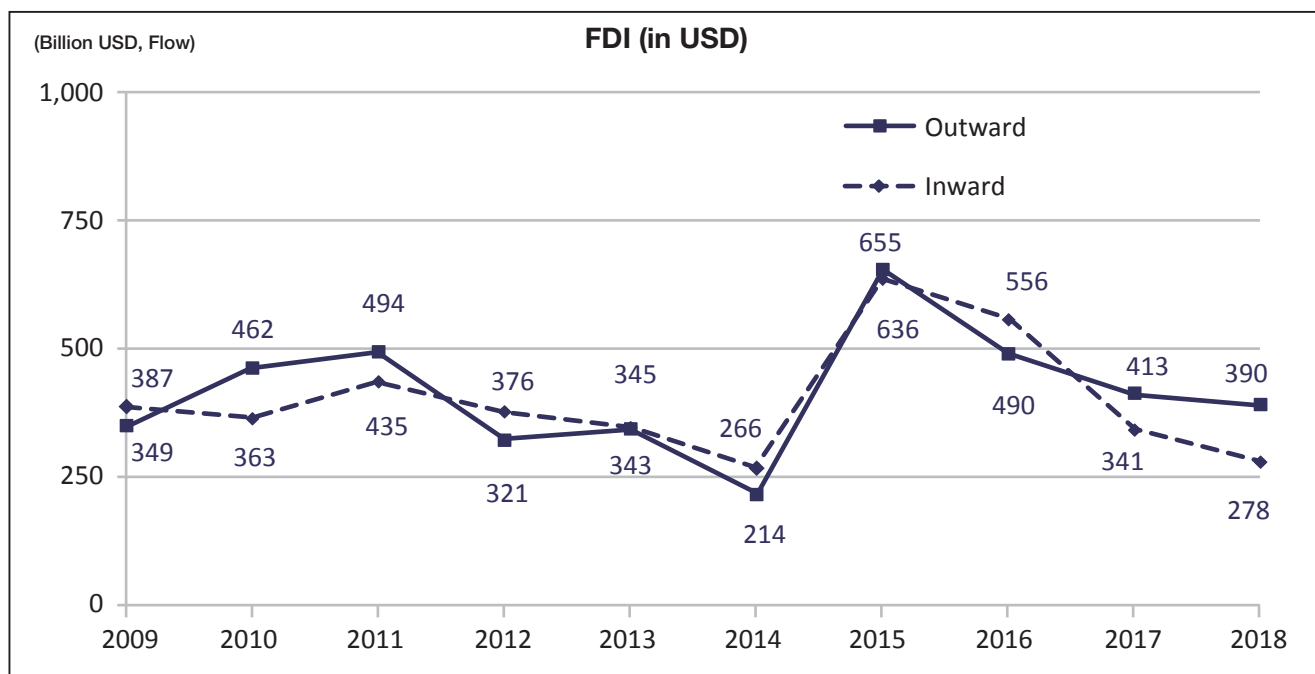
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1 Japan	3,451	12,987	7,798	14,853	24,609	13,436	12,962	14,242	16,274	21,193
2 China	2,069	3,489	7,194	7,975	6,165	6,812	6,572	9,610	13,707	10,187
3 Hong Kong	N/A	2,884	3,118	7,673	4,562	10,573	1,313	9,861	5,553	10,161
4 U.S.	5,181	13,682	8,197	18,911	11,458	21,141	22,912	21,663	24,912	8,112
5 Netherlands	6,246	1,139	5,321	8,952	6,324	-484	8,031	2,758	10,384	7,815
S. Korea	1,804	4,319	1,774	1,279	4,303	5,257	5,609	7,088	4,556	6,560
U.K.	-929	5,483	9,795	-9,351	5,003	7,066	3,362	6,902	2,763	3,759
Germany	-196	797	-211	-889	-729	-466	-1,341	440	3,343	2,270
India	283	3,801	-2,106	7,041	1,731	1,164	1,473	-198	-108	1,735
EU	5,660	21,145	24,419	-2,537	15,718	28,943	20,373	34,015	15,097	21,960
INTRA-ASEAN	8,808	16,306	15,837	23,901	18,464	22,181	20,819	25,729	25,484	24,544
TOTAL	43,365	108,174	87,563	116,774	120,966	130,115	118,667	118,959	146,902	154,713

Notes: Net basis. 2018 figures are preliminary.

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

3-21 FDI (EU)

直接投資 (EU)



Source: UNCTAD <http://unctadstat.unctad.org/wds/TableView/tableView.aspx?ReportId=96740>

Outward FDI (Flow) by Destination (in EUR)

(Billion EUR)

		2014	2015	2016	2017
1	U.S.	-64.8	433.4	-5.1	92.1
2	Bermuda	7.9	50.4	9.9	53.9
3	Barbados	1.1	0.3	48.1	39.1
4	Isle of Man	-10.2	-0.005	-0.007	19.9
5	Hong Kong	5.5	3.5	7.7	19.8
	China	11.1	10.6	10.6	7.3
	India	5.2	7.1	4.7	5.2
	S. Korea	7.7	-5.2	3.2	4.6
	Japan	0.1	6.9	-0.1	2.3
	Total (Extra EU-28)	89.3	737.1	359.5	245.1

Inward FDI (Flow) by Source (in EUR)

(Billion EUR)

		2014	2015	2016	2017
1	Cayman Islands	5.9	2.5	-5.6	83.9
2	Bermuda	21.6	5.2	29.5	76.0
3	Hong Kong	2.7	-6.4	6.5	51.8
4	Barbados	1.4	-0.2	-1.4	47.7
5	Canada	17.9	30.5	40.3	32.9
	Japan	11.0	3.9	20.4	32.8
	China	5.6	9.2	9.2	11.9
	S. Korea	4.3	2.1	1.9	2.2
	India	1.7	-1.2	0.3	1.7
	U.S.	-14.4	356.5	-78.5	-207.2
	Total (Extra EU-28)	149.0	697.5	390.8	163.3

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

The sum of FDI flows to or from the partner countries may be greater than the total value of extra-EU flows due to divestment being greater than investment for some partners that are not shown.

Source: Eurostat

3-22 Outbound M&A

対外M&A

		2014	2015	2016	2017	2018
U.S.	Number of deals	2,389	2,492	2,391	2,462	2,619
	Value (Million USD)	251,676.1	311,808.1	204,998.9	267,944.1	316,019.3
	Top 3	Ireland, Canada, U.K.	U.K., Germany, France	Germany, U.K., Canada	U.K., Switzerland, Japan	U.K., India, Canada
China	Number of deals	457	625	909	856	727
	Value (Million USD)	53,074.7	105,080.6	204,051.1	118,758.9	87,818.2
	Top 3	H.K., U.S., Singapore	H.K., Italy, U.S.	U.S., Switzerland, Israel	H.K., Singapore, U.K.	H.K., Germany, U.S.
Hong Kong (H.K.)	Number of deals	546	608	739	680	629
	Value (Million USD)	45,150.4	50,896.1	51,143.2	51,087.2	33,354.0
	Top 3	China, U.S., Australia	China, U.K., Singapore	China, Australia, U.S.	China, Germany, Canada	China, Italy, Australia
Japan	Number of deals	665	758	780	782	863
	Value (Million USD)	55,564.1	87,286.6	96,478.0	67,502.4	178,857.2
	Top 3	U.S., H.K., India	U.S., H.K., U.K.	U.K., U.S., Czech Republic	U.S., China, Singapore	Ireland, U.S., Switzerland
Germany	Number of deals	514	538	548	644	627
	Value (Million USD)	110,065.5	19,834.3	116,653.7	34,547.5	93,086.7
	Top 3	U.S., Luxembourg, Sweden	Italy, U.S., U.K.	U.S., France, Spain	Austria, U.S., France	U.S., China, Sweden
U.K.	Number of deals	1,075	1,117	1,136	1,235	1,228
	Value (Million USD)	137,694.0	110,228.4	123,559.2	106,922.6	178,693.2
	Top 3	U.S., Spain, Netherlands	U.S., Netherlands, Germany	U.S., Netherlands, Poland	U.S., India, France	U.S., Germany, Netherlands
S. Korea	Number of deals	105	91	120	125	162
	Value (Million USD)	3,602.7	2,931.4	14,085.7	5,433.6	14,847.7
	Top 3	U.S., Bangladesh, Malaysia	U.S., China, Vietnam	U.S., Japan, H.K.	U.S., H.K., Brazil	U.S., U.K., Austria

Note: Excluding property acquisitions. Source: Refinitiv

3-23 Inbound M&A

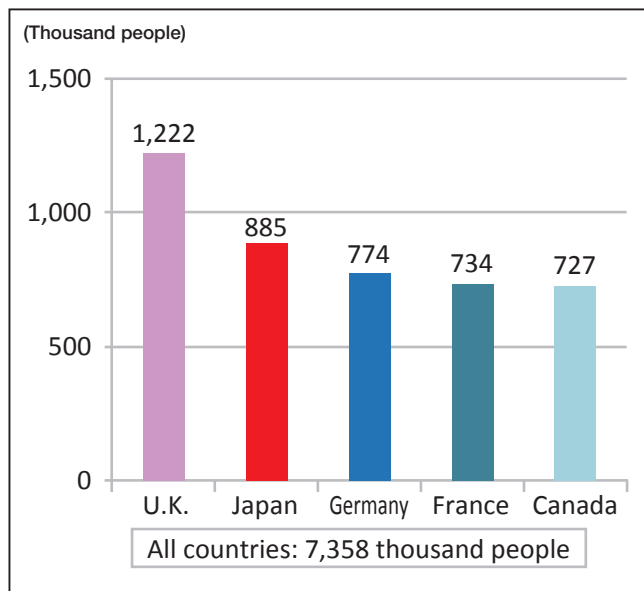
対内M&A

		2014	2015	2016	2017	2018
U.S.	Number of deals	1,577	1,704	1,804	2,131	2,108
	Value (Million USD)	284,181.5	435,984.6	502,214.8	246,654.2	384,358.7
	Top 3	Germany, U.K., Japan	Canada, Ireland, U.K.	Canada, U.K., Germany	Canada, U.K., Japan	Canada, Germany, Luxembourg
China	Number of deals	696	730	746	691	671
	Value (Million USD)	45,534.8	55,276.4	39,409.8	45,060.1	55,710.7
	Top 3	H.K., Singapore, U.S.	H.K., U.S., Qatar	H.K., Singapore, Cayman Islands	H.K., Japan, U.S.	H.K., U.S., Germany
Hong Kong (H.K.)	Number of deals	241	273	355	350	296
	Value (Million USD)	33,754.2	56,602.7	18,029.0	43,184.4	26,593.3
	Top 3	China, Singapore, Japan	China, Japan, Qatar	China, S. Korea, U.S.	China, Cayman Islands, U.S.	China, Netherlands, U.K.
Japan	Number of deals	170	156	159	143	118
	Value (Million USD)	10,681.6	25,471.9	12,884.1	27,732.1	5,998.1
	Top 3	U.S., Singapore, H.K.	France, U.S., Denmark	U.S., Taiwan, S. Korea	U.S., China, H.K.	U.S., France, U.K.
Germany	Number of deals	651	620	791	735	801
	Value (Million USD)	46,630.6	44,181.5	83,033.7	49,215.0	87,165.6
	Top 3	U.K., U.S., Luxembourg	U.S., U.K., Canada	U.S., China, France	U.S., H.K., U.K.	U.K., U.S., China
U.K.	Number of deals	952	1,075	1,132	1,148	1,243
	Value (Million USD)	93,889.0	331,122.0	98,799.6	110,183.7	142,072.4
	Top 3	U.S., Switzerland, Qatar	U.S., Netherlands, Canada	Japan, U.S., China	U.S., China, Isle of Man	U.S., France, Canada
S. Korea	Number of deals	152	166	140	134	133
	Value (Million USD)	16,432.6	7,665.6	5,119.6	8,569.7	9,569.4
	Top 3	U.S., Saudi Arabia, Japan	Japan, China, Saudi Arabia	U.S., China, H.K.	U.K., U.S., Canada	Japan, China, U.S.

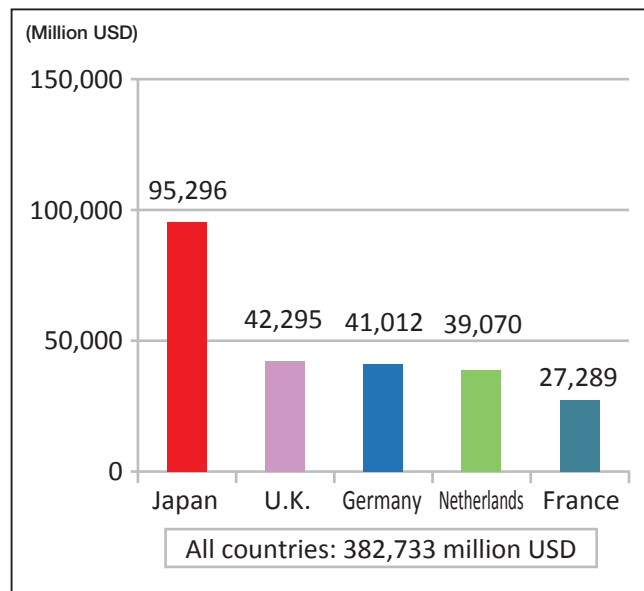
Note: Excluding property acquisitions. Source: Refinitiv

3-24 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 (2017)



Exports (2017)



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

Editor's Choice Electric Cars: New Sales and Market Share

電気自動車販売台数

(Thousands of vehicles)

(Year 2018)

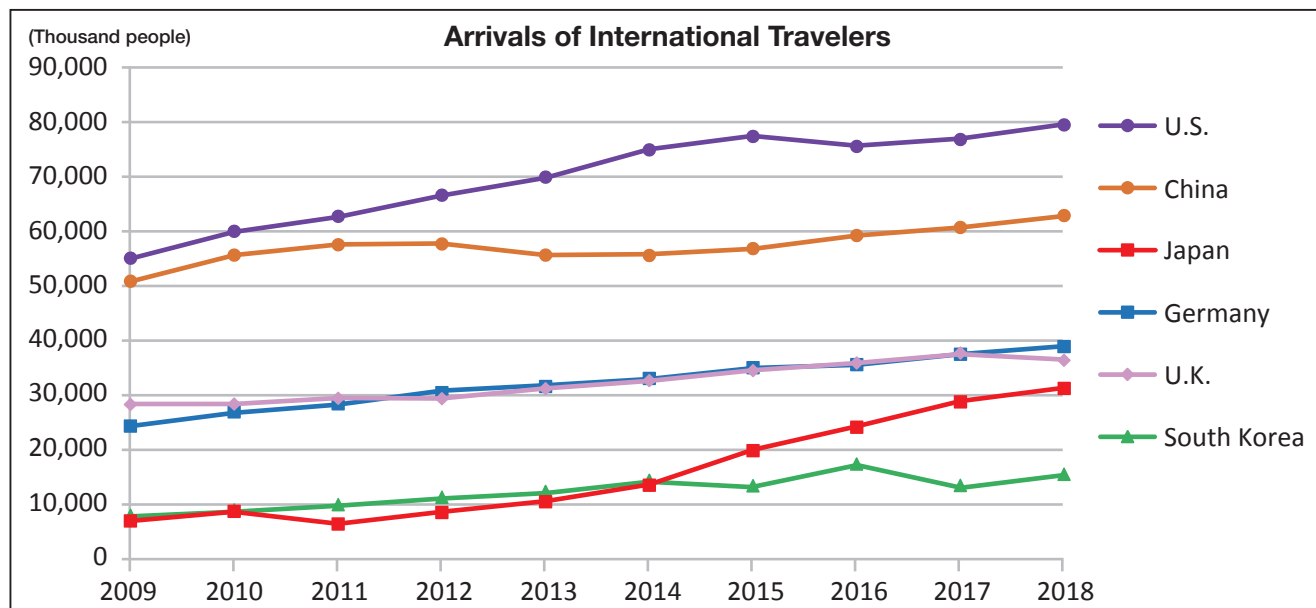
Rank	Country	New Sales	Market Share		
			Total	BEV (Battery Electric Vehicle)	PHEV (Plug-in Hybrid Electric Vehicle)
1	China	1079	4.5%	3.4%	1.1%
2	U.S.	361	2.5%	1.6%	0.8%
3	Norway	73	46.4%	29.5%	17.0%
4	Germany	68	2.0%	1.1%	0.9%
5	U.K.	50	2.1%	0.7%	1.4%
6	Japan	50	1.1%	0.6%	0.5%
7	France	47	2.2%	1.4%	0.7%
8	Canada	44	2.3%	1.2%	1.1%
9	S. Korea	34	2.2%	2.0%	0.3%
10	Netherlands	29	6.6%	5.7%	0.9%

Note: Electric Cars (BEV and PHEV).

Source: Based on IEA data from the IEA (2019) Global EV Outlook 2019, <https://www.iea.org/gevo2019/>. All rights reserved; as modified by Keizai Koho Center

4-1 Inbound Tourism

外国人訪問者数



Notes: 2018 figures are estimates.

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).

Arrivals of International Travelers

(Thousand people)

	2009	2010	2011	2012	2013	2014	2015	2016	2017	* 2018
France	76,764	76,647	80,499	81,980	83,634	83,701	84,452	82,682	86,861	89,400
Spain	52,178	52,677	56,177	57,464	60,675	64,939	68,175	75,315	81,786	82,773
U.S.	55,103	60,010	62,821	66,657	69,995	75,022	77,774	76,407	76,941	79,618
China	50,875	55,664	57,581	57,725	55,686	55,622	56,886	59,270	60,740	62,900
Italy	43,239	43,626	46,119	46,360	47,704	48,576	50,732	52,372	58,253	62,146
Turkey	30,187	31,364	34,654	35,698	37,795	39,811	39,478	30,289	37,601	45,768
Mexico	22,346	23,290	23,403	23,403	24,151	29,346	32,093	35,079	39,291	41,447
Germany	24,220	26,875	28,374	30,411	31,545	32,999	34,970	35,555	37,452	38,881
Thailand	14,150	15,936	19,230	22,354	26,547	24,810	29,923	32,530	35,592	38,277
U.K.	28,199	28,295	29,306	29,282	31,063	32,613	34,436	35,814	37,651	36,316
Japan	6,790	8,611	6,219	8,358	10,364	13,413	19,737	24,040	28,691	31,192
S. Korea	7,818	8,798	9,795	11,140	12,176	14,202	13,232	17,242	13,336	15,347

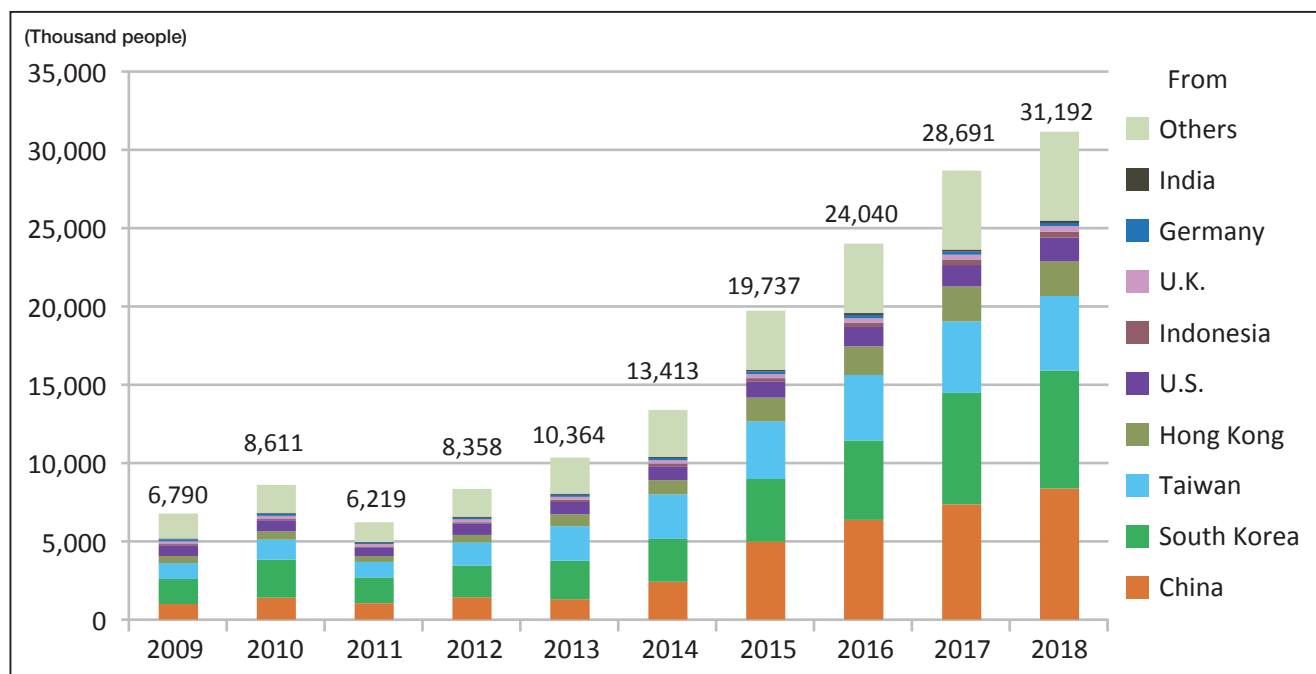
Notes: *2018 figures are estimates. German figures indicate international tourists arrivals at collective tourism establishments.

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/unwto/tfb/current>

4-2 Foreign Visitors to Japan

訪日外客数



Source: Japan National Tourism Organization https://www.jnto.go.jp/jpn/statistics/visitor_trends/index.html

Foreign Visitors to Japan

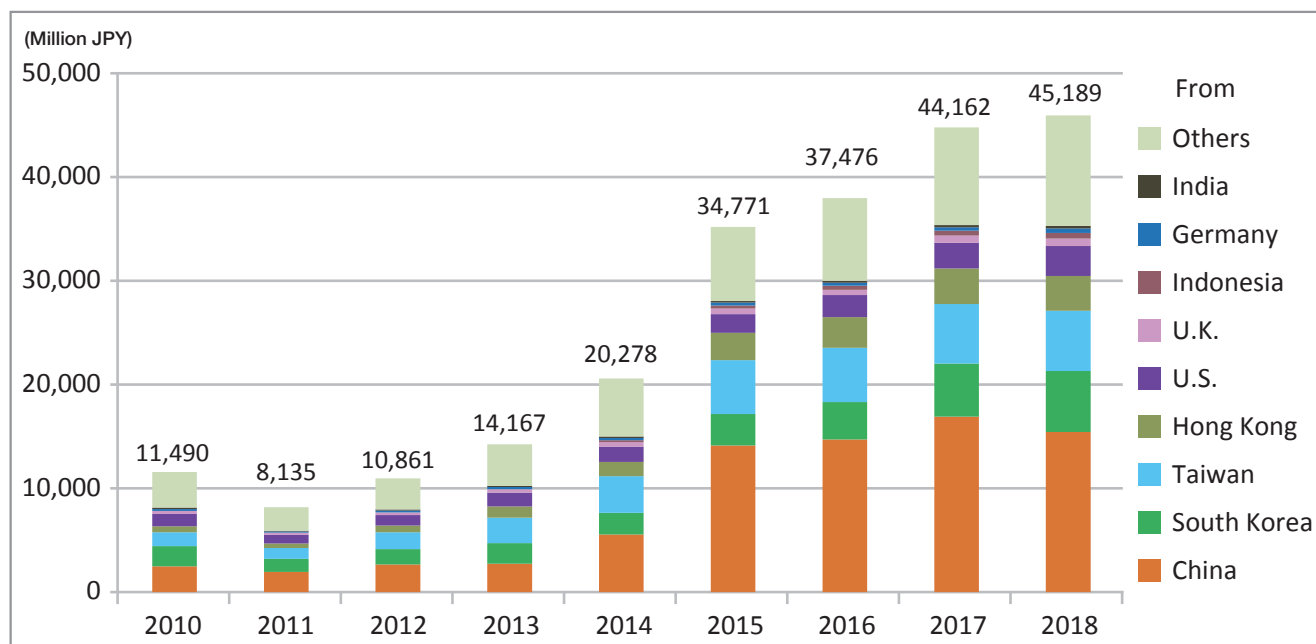
(Thousand people)

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
China	1,006	1,413	1,043	1,425	1,314	2,409	4,994	6,374	7,356	8,380
S. Korea	1,587	2,440	1,658	2,043	2,456	2,755	4,002	5,090	7,140	7,539
Taiwan	1,024	1,268	994	1,466	2,211	2,830	3,677	4,168	4,564	4,757
Hong Kong	450	509	365	482	746	926	1,524	1,839	2,232	2,208
U.S.	700	727	566	717	799	892	1,033	1,243	1,375	1,526
Indonesia	64	81	62	101	137	159	205	271	352	397
U.K.	181	184	140	174	192	220	258	292	310	334
Germany	111	124	81	109	122	140	163	183	196	215
India	59	67	59	69	75	88	103	123	134	154
Others	1,608	1,798	1,251	1,773	2,312	2,994	3,778	4,457	5,032	5,682
Total	6,790	8,611	6,219	8,358	10,364	13,413	19,737	24,040	28,691	31,192

Source: Japan National Tourism Organization https://www.jnto.go.jp/jpn/statistics/visitor_trends/index.html

4-3 Travel Spending by Foreign Travelers in Japan

訪日外国人旅行消費額



Notes: Figures exclude the payments to national carriers for international transport. 2010 result is based on the average value of April to December.
Source: Japan Tourism Agency <http://www.mlit.go.jp/kankochou/siryou/toukei/syouthityousa.html>

Travel Spending by Foreign Travelers in Japan

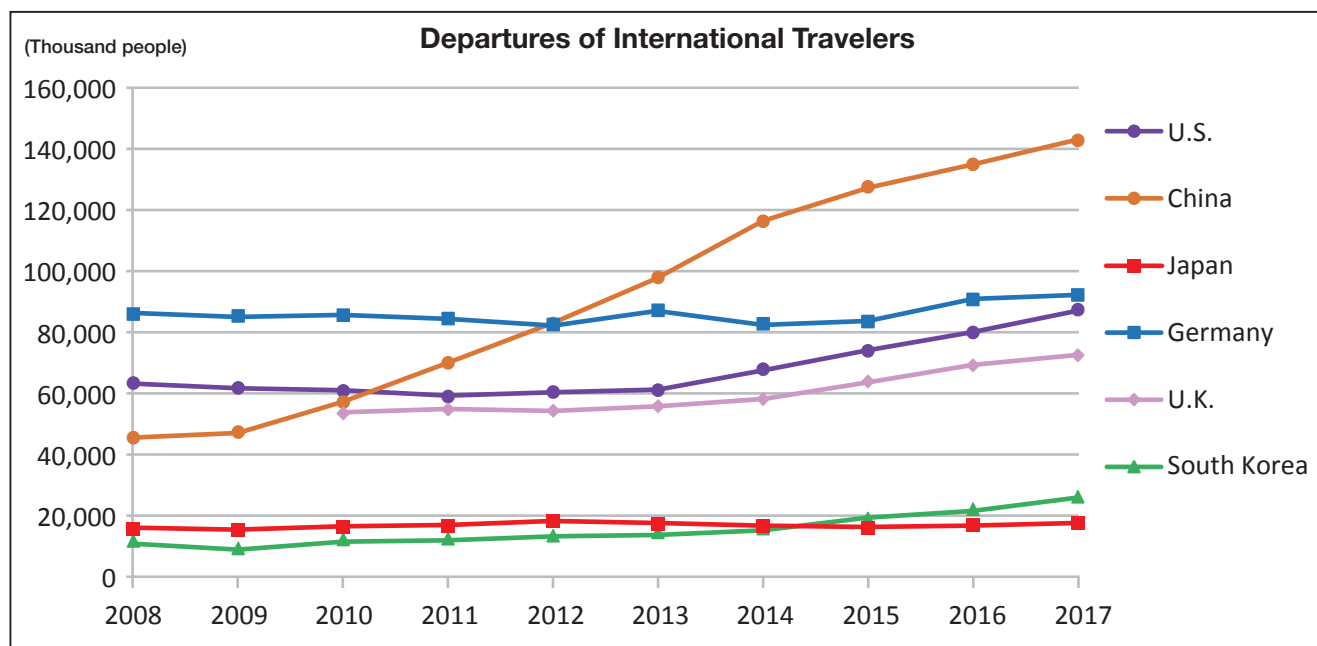
(Million JPY)

	2010	2011	2012	2013	2014	2015	2016	2017	2018
China	2,498	1,964	2,688	2,759	5,583	14,174	14,754	16,947	15,450
S. Korea	1,973	1,254	1,466	1,978	2,090	3,008	3,577	5,126	5,881
Taiwan	1,318	1,059	1,648	2,475	3,544	5,207	5,245	5,744	5,817
Hong Kong	593	430	655	1,054	1,370	2,627	2,947	3,416	3,358
U.S.	1,159	813	979	1,362	1,475	1,814	2,130	2,503	2,893
U.K.	296	222	283	329	412	545	532	669	720
Indonesia	N/A				190	302	370	456	558
Germany	200	112	164	190	209	278	313	356	409
India	118	87	110	109	147	153	177	212	247
Others	3,335	2,194	2,868	3,911	5,258	6,663	7,431	8,733	9,856
Total	11,490	8,135	10,861	14,167	20,278	34,771	37,476	44,162	45,189

Notes: Figures exclude the payments to national carriers for international transport. 2010 result is based on the average value of April to December.
Source: Japan Tourism Agency <http://www.mlit.go.jp/kankochou/siryou/toukei/syouthityousa.html>

4-4 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

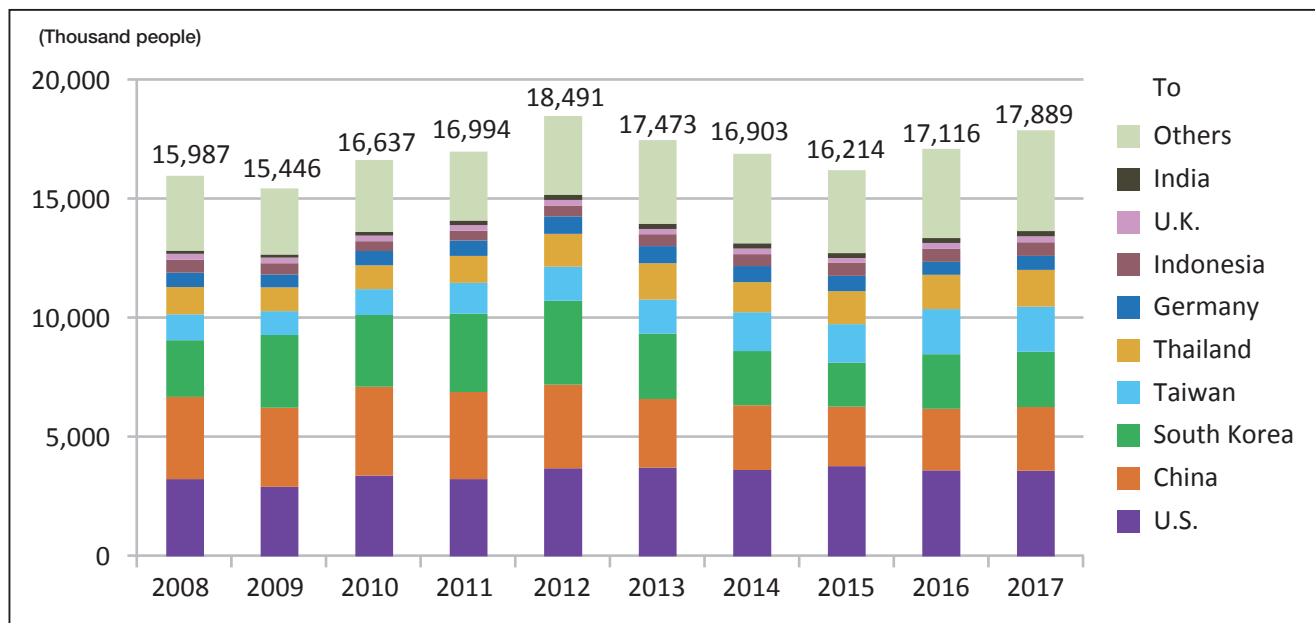
(Thousand people)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
China	45,844	47,656	57,386	70,250	83,182	98,185	116,593	127,860	135,130	143,035
Germany	86,201	85,547	85,872	84,692	82,729	87,459	83,008	83,737	90,966	92,402
U.S.	63,653	62,130	61,061	59,209	60,697	61,344	68,185	74,191	80,226	87,703
U.K.	N/A		53,759	54,946	54,604	56,088	58,364	64,165	69,375	72,772
Canada	27,034	26,204	28,680	30,450	32,276	32,971	33,518	32,267	31,278	33,060
Italy	26,464	27,490	28,188	27,831	27,376	26,305	26,862	27,494	29,067	31,805
France	25,506	25,140	25,041	26,155	25,317	26,062	27,919	26,648	26,483	29,055
Ukraine	15,499	15,334	17,180	19,773	21,433	23,761	22,438	23,142	24,668	26,437
India	10,868	11,067	12,988	13,994	14,920	16,626	18,330	20,376	21,872	23,943
Sweden	13,291	11,699	13,042	14,651	15,548	15,917	N/A			21,232
Indonesia	5,486	5,053	6,235	6,750	7,454	8,025	8,074	8,176	8,340	8,856
S. Korea	11,996	9,494	12,488	12,694	13,737	14,846	16,081	19,310	22,383	26,496
Japan	15,987	15,446	16,637	16,994	18,491	17,473	16,903	16,214	17,116	17,889

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>

4-5 Japanese Outbound Travelers

日本人出国者数



Note: China, S. Korea, Taiwan, U.K. and Indonesia (from 2013) figures include same-day visitors.

Source: Japan National Tourism Organization https://www.jnto.go.jp/jpn/statistics/visitor_trends/index.html

Japanese Outbound Travelers

(Thousand people)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
U.S.	3,250	2,918	3,386	3,250	3,698	3,730	3,620	3,793	3,604	3,596
China	3,446	3,317	3,731	3,658	3,518	2,878	2,718	2,498	2,587	2,680
S. Korea	2,378	3,053	3,023	3,289	3,519	2,748	2,280	1,838	2,298	2,311
Taiwan	1,087	1,001	1,080	1,295	1,432	1,422	1,635	1,627	1,896	1,899
Thailand	1,154	1,004	994	1,128	1,374	1,536	1,268	1,382	1,440	1,544
Germany	598	538	605	643	734	712	671	647	545	585
Indonesia	547	476	419	413	451	497	505	550	545	573
U.K.	239	235	223	237	243	225	222	194	246	247
India	145	125	168	194	220	220	220	207	209	223
Others	3,144	2,777	3,008	2,888	3,302	3,506	3,764	3,478	3,747	4,231
Total	15,987	15,446	16,637	16,994	18,491	17,473	16,903	16,214	17,116	17,889

Note: China, S. Korea, Taiwan, U.K. and Indonesia (from 2013) figures include same-day visitors.

Source: Japan National Tourism Organization https://www.jnto.go.jp/jpn/statistics/visitor_trends/index.html

4-6 Foreign Students by Destination

各国の留学生受入れ数

(Number of foreign and international students in tertiary education, by country of origin and destination)

(Year 2017)

to Japan		to U.S.		to U.K.		to Germany		to China		to South Korea	
from	students	from	students	from	students	from	students	from	students	from	students
1 China	W 79,375	1 China	321,625	1 China	96,543	1 China	27,765	1		1 China	44,163
2 Vietnam	26,768	2 India	142,618	2 Hong Kong	16,580	2 India	13,387	2		2 Vietnam	4,656
3 Korea	W 13,121	3 S. Korea	56,186	3 India	16,421	3 Austria	10,631	3		3 Mongolia	2,707
4 Nepal	12,783	4 Saudi Arabia	54,709	4 Malaysia	16,350	4 Russia	9,620	4		4 Uzbekistan	1,716
5 Indonesia	3,616	5 Canada	27,800	5 U.S.	16,178	5 France	7,057	5		5 Japan	1,455
6 Thailand	3,054	6 Vietnam	23,204	6 Italy	13,376	6 Cameroon	7,050	6	N/A	6 U.S.	1,190
7 Malaysia	2,439	7 Mexico	16,414	7 Germany	13,220	11 U.S.	5,710	7		7 Pakistan	1,020
8 U.S.	2,319	8 Japan	14,787	8 France	13,089	14 S. Korea	4,825	8		8 Indonesia	919
14 India	873	13 U.K.	10,316	22 S. Korea	5,157	26 Indonesia	2,394	9		9 India	775
15 Germany	786	16 Indonesia	8,782	29 Indonesia	3,620	31 U.K.	2,255	10		41 Germany	85
20 U.K.	445	22 Germany	6,944	37 Japan	2,846	33 Japan	1,816	11		44 U.K.	78
Total	164,338	Total	984,898	Total	435,734	Total	258,873	Total	157,108	Total	70,796

W China includes the special administrative region, Hong Kong and Macao, and Korea includes D.P.R. Korea.

Sources: OECD <https://stats.oecd.org/> China: Ministry of Education of China <http://en.moe.gov.cn/>

4-7 Students Studying Abroad

各国の海外留学生数

(Number of outbound internationally mobile tertiary students studying abroad, by country of origin)

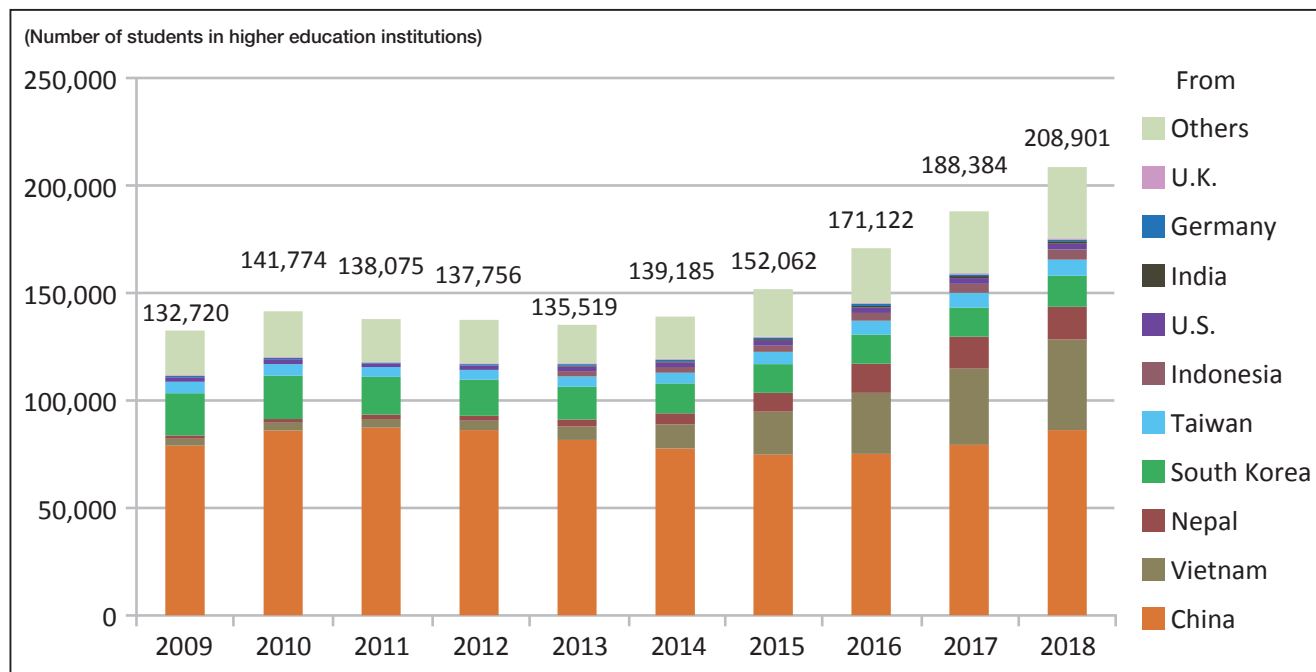
(Year 2017)

1 China	928,090	11 Ukraine	77,639	23 Indonesia	47,574
2 India	332,033	12 Italy	74,268	32 U.K.	35,252
3 Germany	122,195	13 Nepal	64,054	33 Japan	31,732
4 S. Korea	105,399	14 Malaysia	63,253		
5 Vietnam	94,662	15 Brazil	58,841		
6 France	89,379	16 Bangladesh	57,675		
7 U.S.	86,566	17 Russia	56,659		
8 Nigeria	85,251	18 Syria	53,612		
9 Kazakhstan	84,681	19 Pakistan	53,023		
10 Saudi Arabia	84,310	20 Iran	52,521		

Source: UNESCO Institute of Statistics <http://data.uis.unesco.org/Index.aspx?queryid=172>

4-8 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

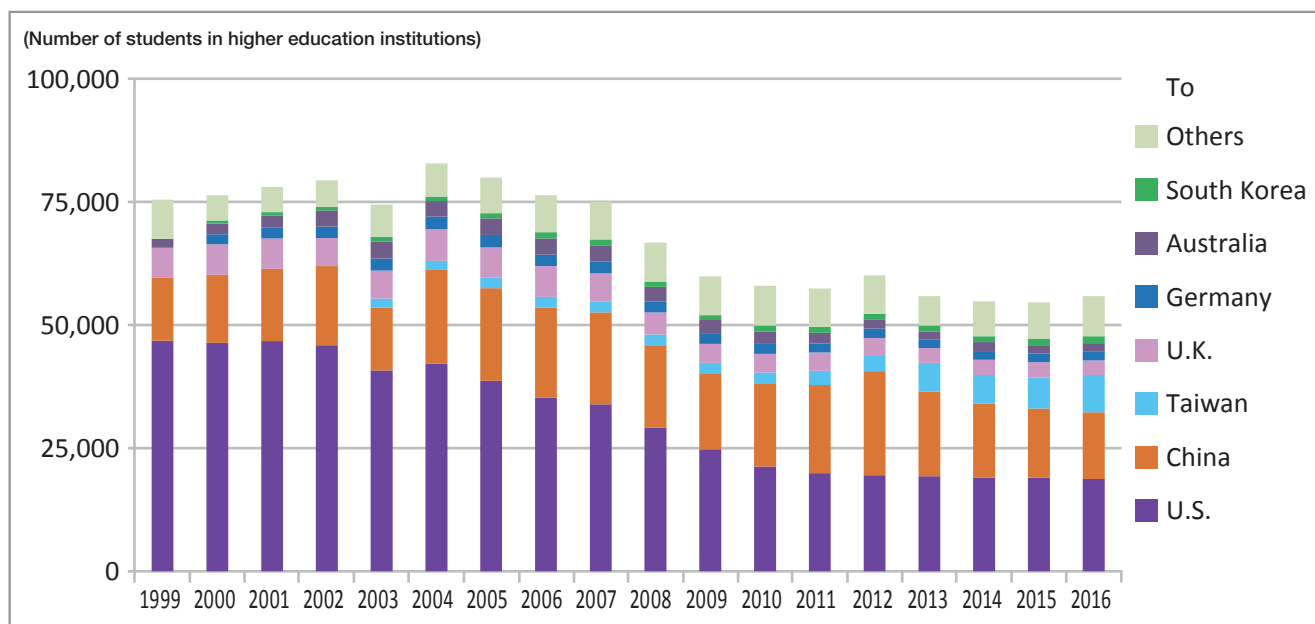
(Number of students in higher education institutions)

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
China	79,082	86,173	87,533	86,324	81,884	77,792	74,921	75,262	79,502	86,439
Vietnam	3,199	3,597	4,033	4,373	6,290	11,174	20,131	28,579	35,489	42,083
Nepal	1,628	1,829	2,016	2,451	3,188	5,291	8,691	13,456	14,850	15,329
S. Korea	19,605	20,202	17,640	16,651	15,304	13,940	13,397	13,571	13,538	14,557
Taiwan	5,332	5,297	4,571	4,617	4,719	4,971	5,610	6,401	6,994	7,423
Indonesia	N/A				2,410	2,705	2,995	3,670	4,235	4,719
U.S.	2,230	2,348	1,456	2,133	2,083	1,975	2,223	2,428	2,516	2,596
India	N/A				560	622	773	880	964	1,163
Germany	450	554	393	566	599	674	804	836	831	877
U.K.	427	452	364	429	452	454	426	477	563	629
Others	20,767	21,322	20,069	20,212	18,030	19,587	22,091	25,562	28,902	33,086
Total	132,720	141,774	138,075	137,756	135,519	139,185	152,062	171,122	188,384	208,901

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

4-9 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/1412692.htm
 Institute of International Education (IIE) <https://www.iie.org/Research-and-Insights/Open-Doors#.V1k6OCZJn6S>
 OECD <http://www.oecd.org/education/education-at-a-glance/>

Overseas Japanese in Higher Education Institutions

(Number of students)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
U.S.	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	19,060	18,780
China	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	14,085	13,595
Taiwan	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	6,319	7,548
U.K.	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	3,098	2,944
Germany	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	1,756	1,797
Australia	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	1,672	1,748
S. Korea	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	1,286	1,416
Others	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	5,973	7,080	7,400	8,141
Total	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	55,946	54,912	54,676	55,969

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)

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.

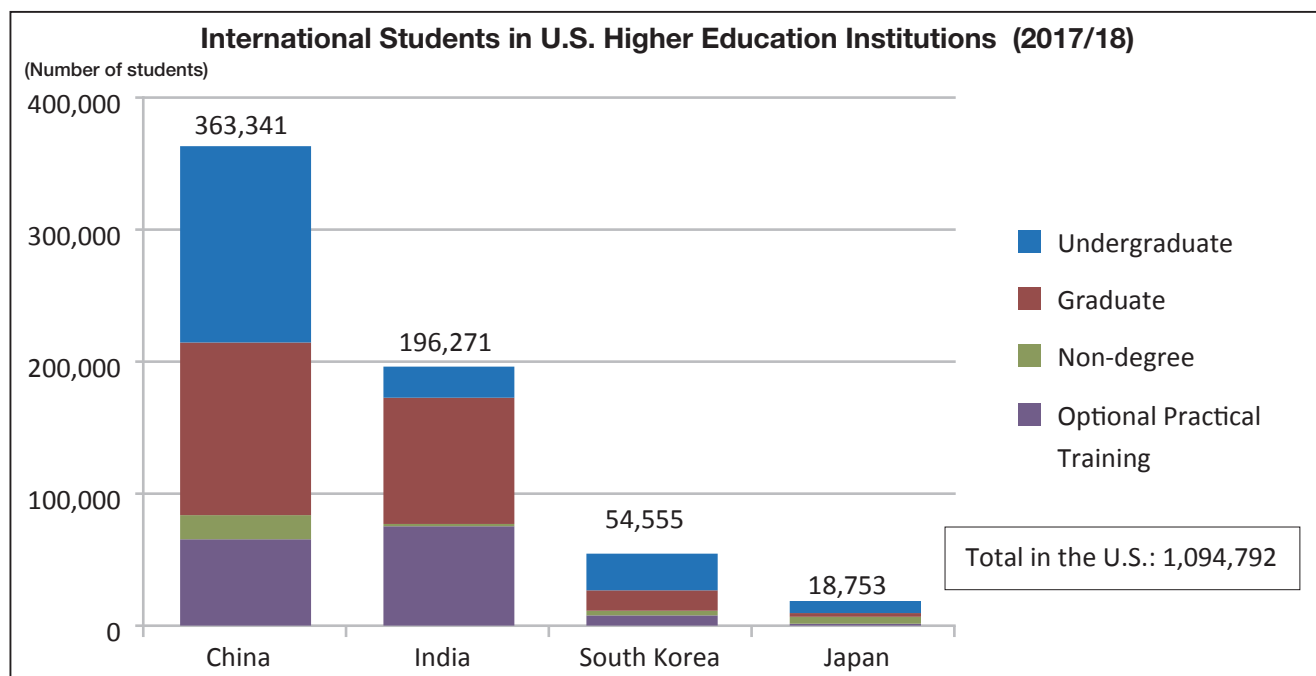
Sources: Ministry of Education, Culture, Sports, Science and Technology http://www.mext.go.jp/a_menu/koutou/ryugaku/1412692.htm

Institute of International Education (IIE) <https://www.iie.org/Research-and-Insights/Open-Doors#.V1k6OCZJn6S>

OECD <http://www.oecd.org/education/education-at-a-glance/>

4-10 International Students in the U.S.

在米外国人留学生



Source: IIE <https://www.iie.org/Research-and-Insights/Open-Doors/Data/International-Students/Places-of-Origin>

International Students in U.S. Higher Education Institutions (2017/18)

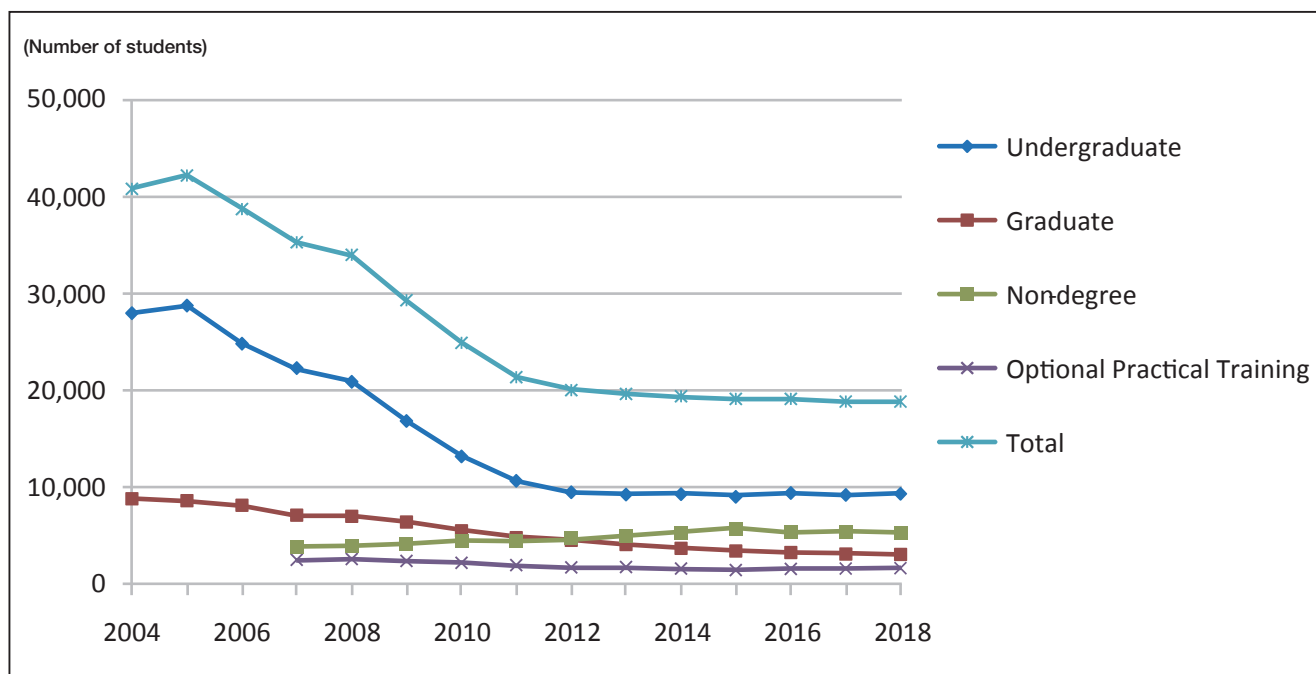
(Number of students)

	Undergraduate	Graduate	Non-degree	Optional Practical Training	Total
China	148,593	130,843	18,225	65,680	363,341
India	23,346	95,651	1,884	75,390	196,271
S. Korea	27,638	15,572	3,631	7,714	54,555
Japan	9,190	2,918	5,144	1,501	18,753
Others	233,979	137,969	36,747	53,177	461,872
Total	442,746	382,953	65,631	203,462	1,094,792

Source: IIE <https://www.iie.org/Research-and-Insights/Open-Doors/Data/International-Students/Places-of-Origin>

4-11 Japanese Students in the U.S. by Academic Level

学位別在米日本人留学生

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

Japanese Students in the U.S. by Academic Level

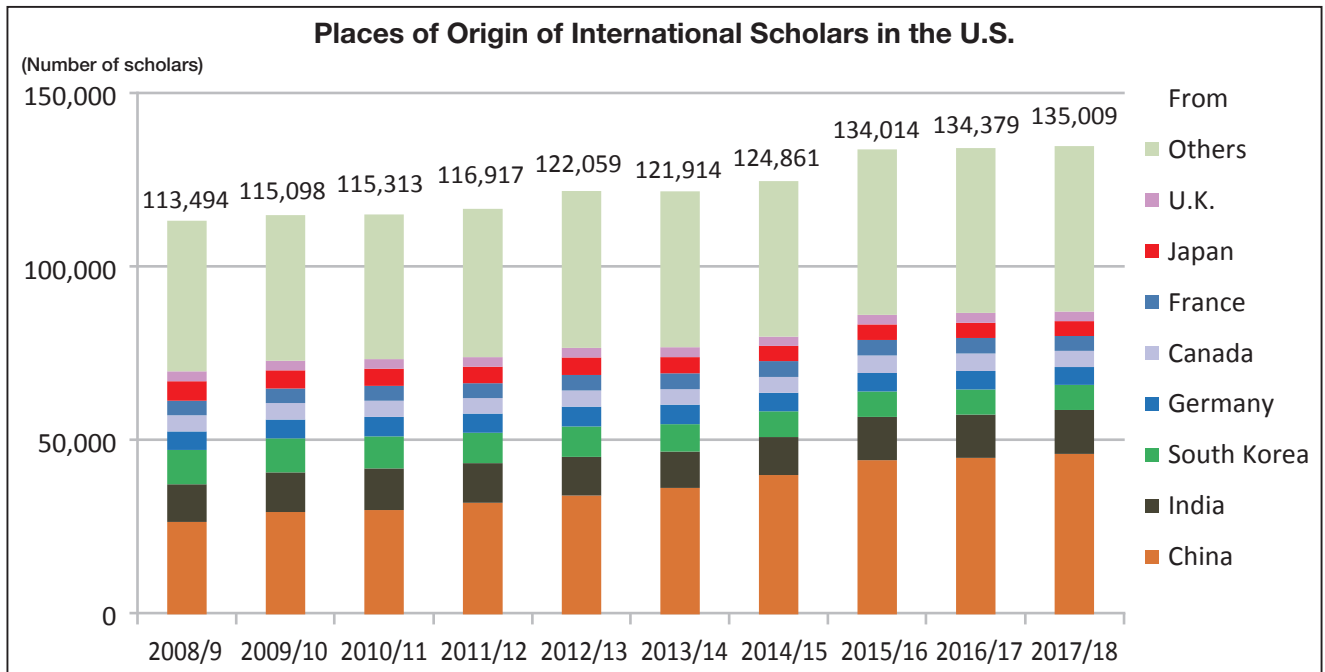
(Number of students)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Undergraduate	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	9,095	9,190
Graduate	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	2,967	2,918
Non-degree	N/A			3,677	3,806	3,970	4,321	4,276	4,611	4,868	5,159	5,612	5,234	5,271	5,144
Optional Practical Training	N/A			2,350	2,459	2,237	2,068	1,820	1,593	1,630	1,458	1,285	1,416	1,447	1,501
Total	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	18,780	18,753

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

4-12 International Scholars in the U.S.

在米外国人研究者

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)

	2008/9	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
China	26,645	29,471	30,093	32,120	34,230	36,409	40,193	44,490	45,089	46,256
India	10,814	11,453	11,930	11,467	11,184	10,506	10,937	12,379	12,447	12,652
S. Korea	9,975	9,796	9,257	8,769	8,696	7,934	7,415	7,395	7,289	7,265
Germany	5,300	5,476	5,588	5,477	5,710	5,546	5,318	5,345	5,352	5,071
Canada	4,692	4,694	4,745	4,493	4,741	4,551	4,611	4,976	5,018	4,688
France	4,171	4,182	4,223	4,287	4,409	4,525	4,511	4,545	4,457	4,315
Japan	5,635	5,250	4,968	4,783	5,041	4,705	4,394	4,478	4,361	4,310
U.K.	2,846	2,768	2,772	2,741	2,787	2,805	2,635	2,687	2,883	2,729
Others	43,416	42,008	41,737	42,780	45,261	44,933	44,847	47,719	47,483	47,723
Total	113,494	115,098	115,313	116,917	122,059	121,914	124,861	134,014	134,379	135,009

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 (2019/20)

	Institution	Country
1	University of Oxford	U.K.
2	California Institute of Technology	U.S.
3	University of Cambridge	U.K.
4	Stanford University	U.S.
5	Massachusetts Institute of Technology	U.S.
6	Princeton University	U.S.
7	Harvard University	U.S.
8	Yale University	U.S.
9	University of Chicago	U.S.
10	Imperial College London	U.K.

	Institution	Country
11	University of Pennsylvania	U.S.
12	Johns Hopkins University	U.S.
13	University of California, Berkeley	U.S.
13	ETH Zurich-Swiss Federal Institute of Technology Zurich	Switzerland
15	University College London	U.K.
16	Columbia University	U.S.
17	University of California, Los Angeles	U.S.
18	University of Toronto	Canada
19	Cornell University	U.S.
20	Duke University	U.S.
36	The University of Tokyo	Japan
65	Kyoto University	Japan

Source: Times Higher Education World University Rankings
<https://www.timeshighereducation.com/>

4-14 TOEFL Scores

国別TOEFLスコア

TOEFL iBT Total Score Means

(Year 2018)

<AFRICA>

Mauritius	92
Namibia	89
S. Africa	96
Zimbabwe	91

<AMERICAS>

Canada	95
Costa Rica	93
Trinidad and Tobago	96
U.S.	90
Uruguay	90

<MIDDLE EAST>

Bahrain	86
Israel	90
Lebanon	88

<EUROPE>

Austria	100
Germany	98
Ireland	101
Netherlands	99
Switzerland	99
U.K.	94

<ASIA/PACIFIC REGION>

China	80
India	95
Indonesia	86
Japan	71
S. Korea	84
Singapore	98
New Zealand	95

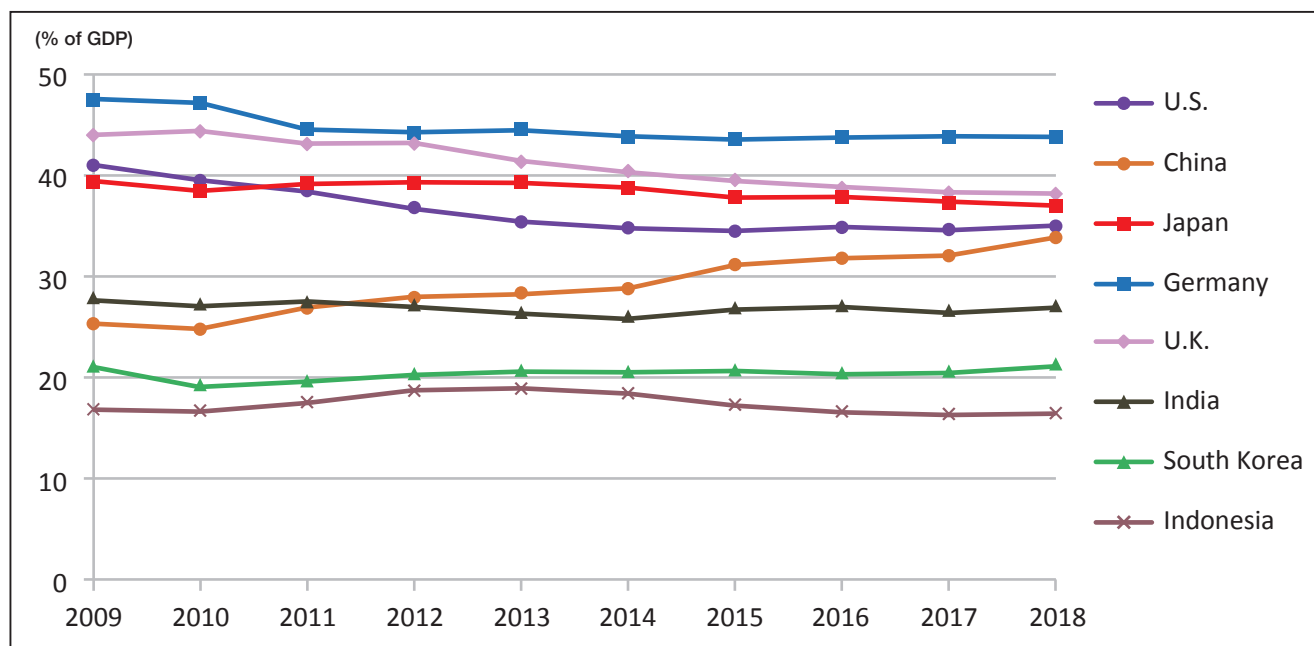
Notes: The score range is from 0 to 120.

Countries refer 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 <https://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/2019/01/weodata/index.aspx>

General Government Spending to GDP

(% of GDP)

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S.	41.1	39.6	38.6	37.0	35.5	35.0	34.6	35.0	34.8	* 35.1
China	25.5	25.0	27.0	28.1	28.5	29.0	31.3	31.9	32.2	34.0
Japan	39.5	38.5	39.4	39.4	39.5	38.9	38.0	37.9	37.4	* 37.1
Germany	47.6	47.3	44.7	44.3	44.7	44.0	43.7	43.9	43.9	43.9
U.K.	44.1	44.5	43.2	43.3	41.4	40.5	39.7	38.9	38.4	38.3
India	28.1	27.4	27.6	27.4	26.6	26.2	27.1	27.3	26.8	27.3
S. Korea	21.3	19.5	19.9	20.6	20.9	20.8	20.9	20.7	20.8	* 21.5
Indonesia	17.0	16.9	17.7	18.8	19.1	18.6	17.5	16.8	16.6	16.6

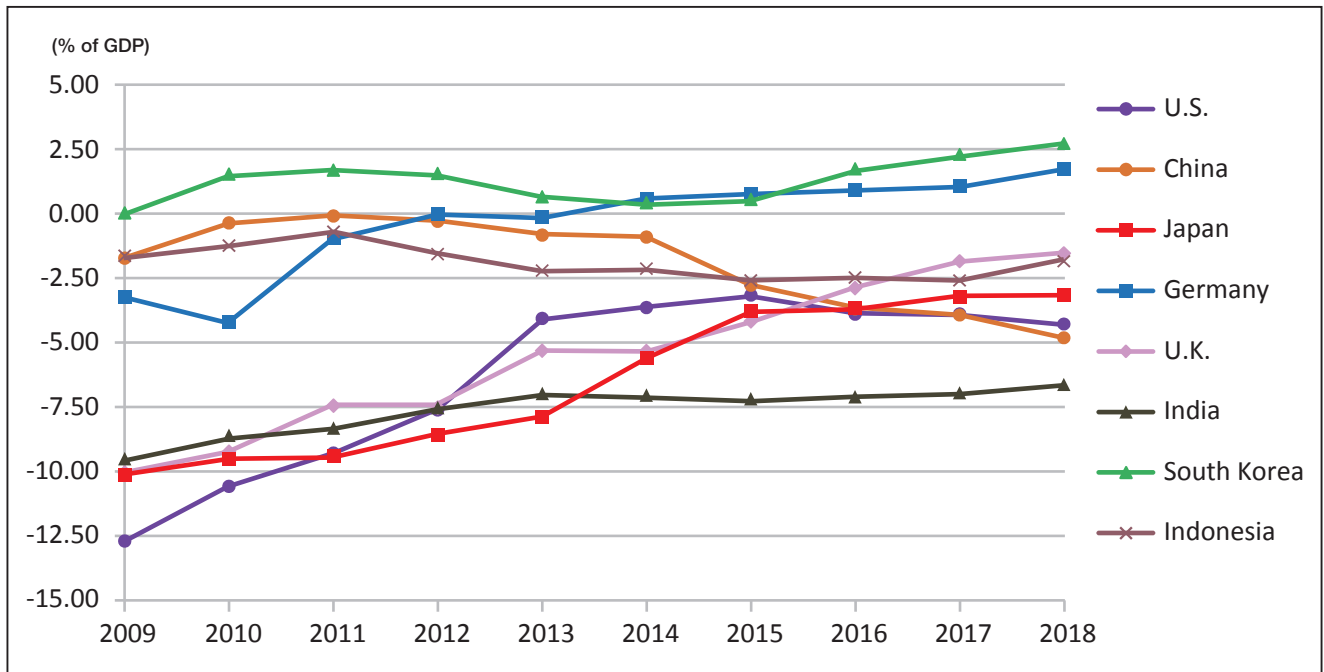
* Estimate

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

Source: IMF <https://www.imf.org/external/pubs/ft/weo/2019/01/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/2019/01/weodata/index.aspx>

Government Budget Balance to GDP

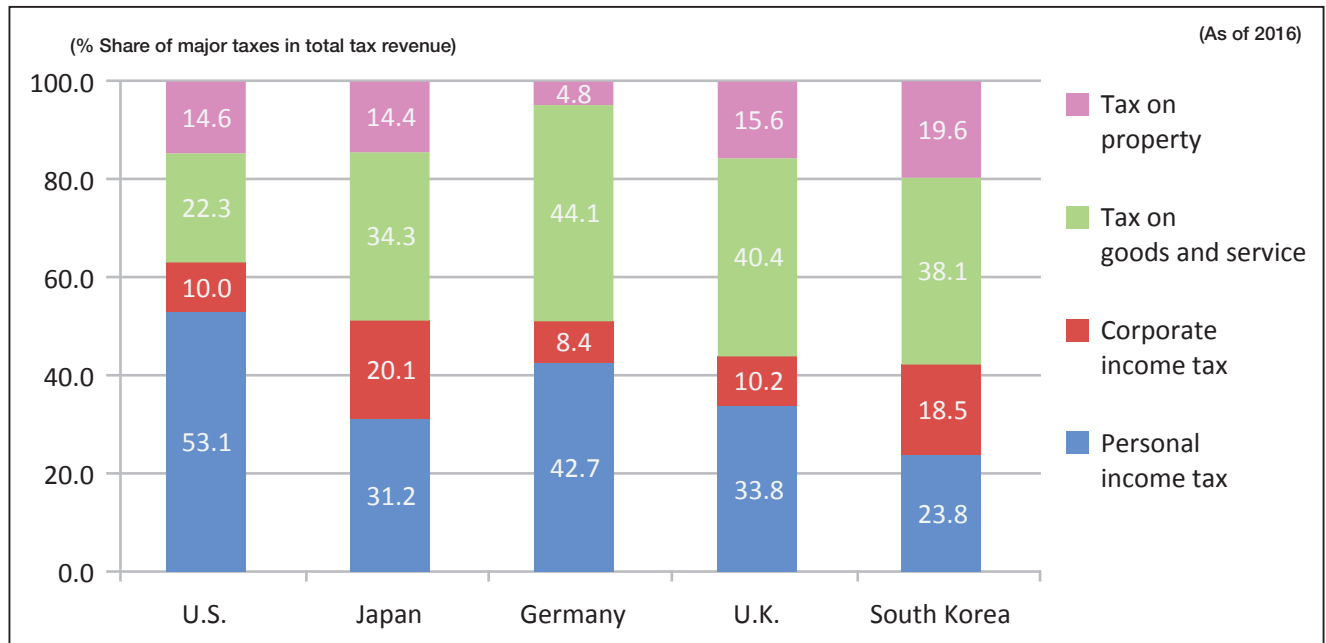
(% of GDP)

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S.	-12.74	-10.62	-9.32	-7.65	-4.09	-3.65	-3.17	-3.91	-3.85	* -4.26
China	-1.74	-0.36	-0.10	-0.30	-0.83	-0.91	-2.79	-3.70	-3.90	-4.81
Japan	-10.19	-9.53	-9.44	-8.61	-7.91	-5.64	-3.81	-3.69	-3.17	* -3.21
Germany	-3.24	-4.22	-0.96	-0.03	-0.14	0.57	0.78	0.91	1.04	1.71
U.K.	-10.08	-9.28	-7.47	-7.55	-5.34	-5.35	-4.20	-2.90	-1.85	-1.42
India	-9.53	-8.63	-8.35	-7.55	-7.00	-7.07	-7.20	-7.13	-7.02	-6.68
S. Korea	0.02	1.53	1.69	1.56	0.65	0.42	0.55	1.75	2.32	* 2.75
Indonesia	-1.64	-1.24	-0.70	-1.59	-2.22	-2.15	-2.60	-2.49	-2.51	-1.75

* Estimate Source: IMF <http://www.imf.org/external/pubs/ft/weo/2019/01/weodata/index.aspx>

5-3 Tax Revenue Structure

税収構成比

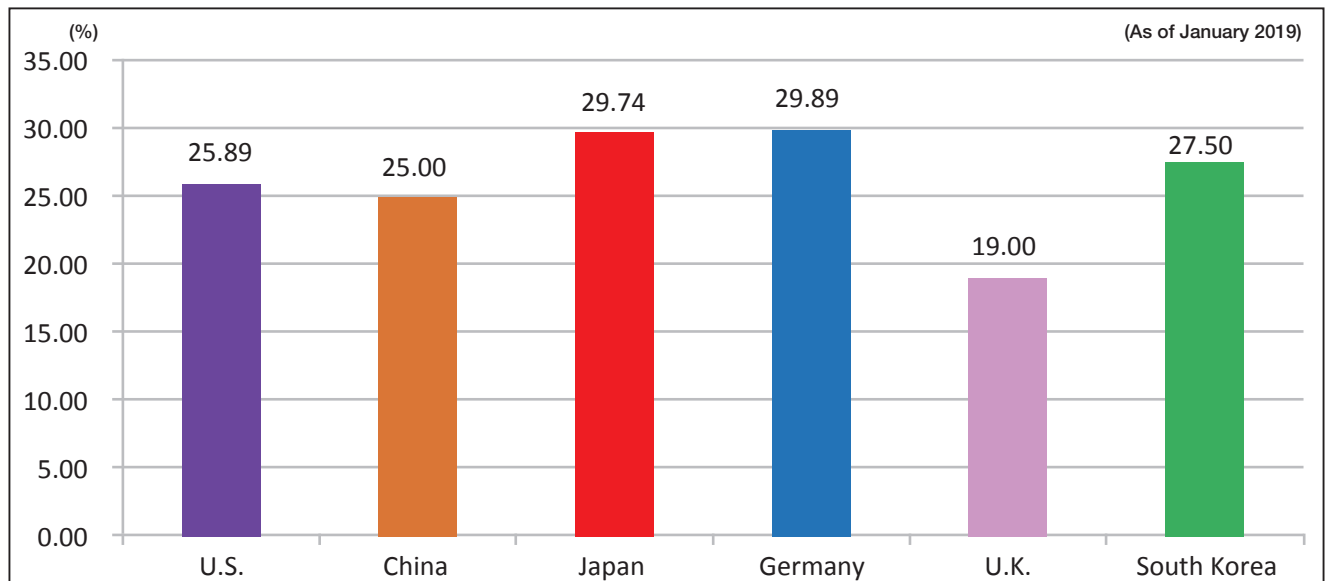


Note: Personal income tax includes capital gains and income gains.

Source: Ministry of Finance https://www.mof.go.jp/tax_policy/summary/condition/a03.htm

5-4 Effective Corporate Tax Rates

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 July 2019.

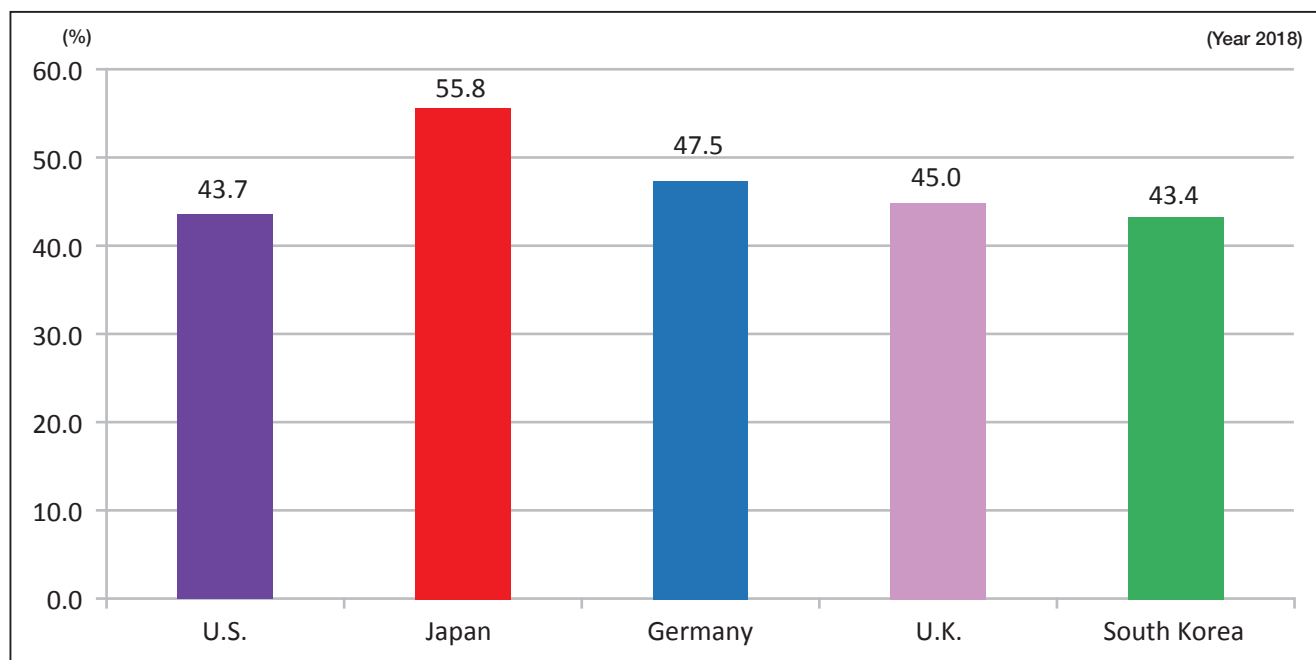
Japan and the U.K. have a non-calendar tax year and these rates are as of April 2019.

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

State Taxation Administration of the People's Republic of China <http://www.chinatax.gov.cn/eng/c101270/c101272/c5094513/content.html>

5-5 Top Marginal Personal Income Tax Rates

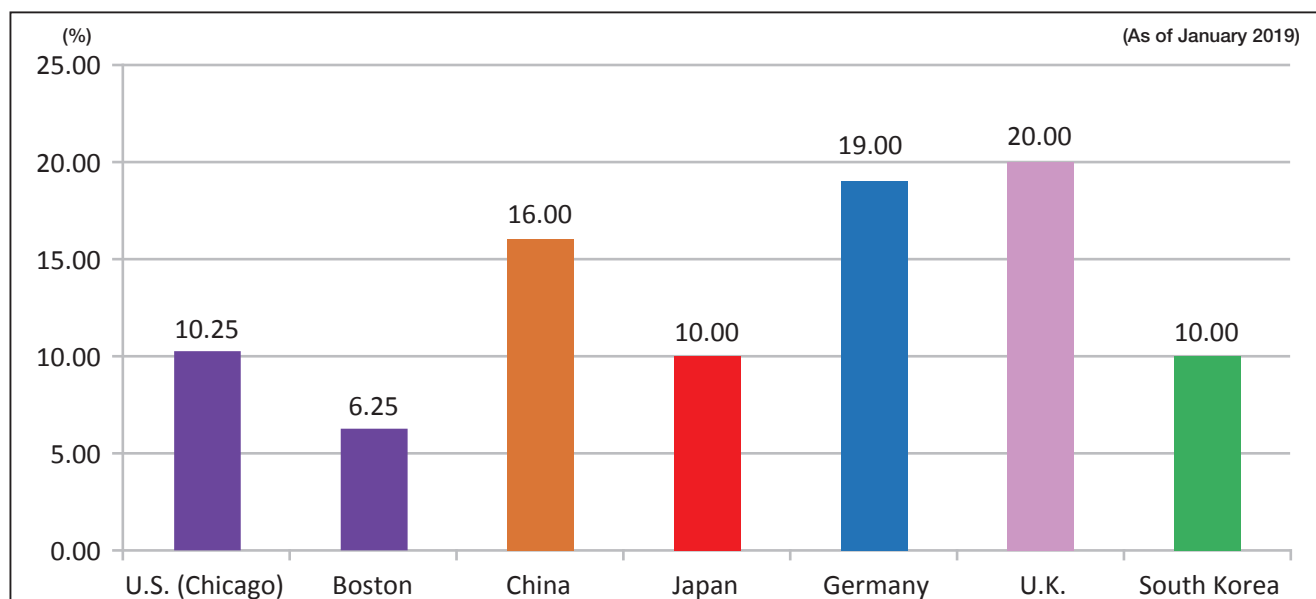
所得税最高税率



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

5-6 Value-Added Tax Rates

付加価値税率



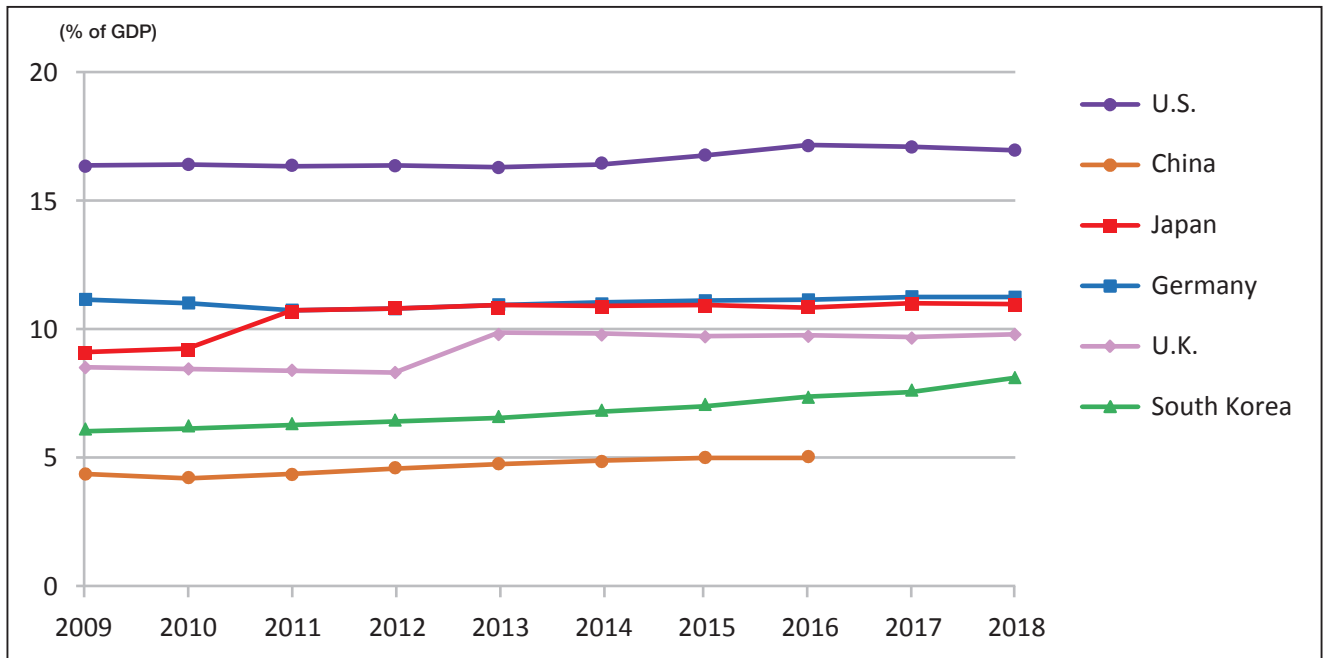
Notes: U.S. rates are as of July, 2019. Japan's rate is as of October 1, 2019.

Sources: Ministry of Finance https://www.mof.go.jp/tax_policy/summary/itn_comparison/j04.htm

Tax Foundation <https://taxfoundation.org/sales-tax-rates-major-cities-2019/>

5-7 Health Expenditure to GDP

医療支出対GDP比

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

Health Expenditure to GDP

(% of GDP)

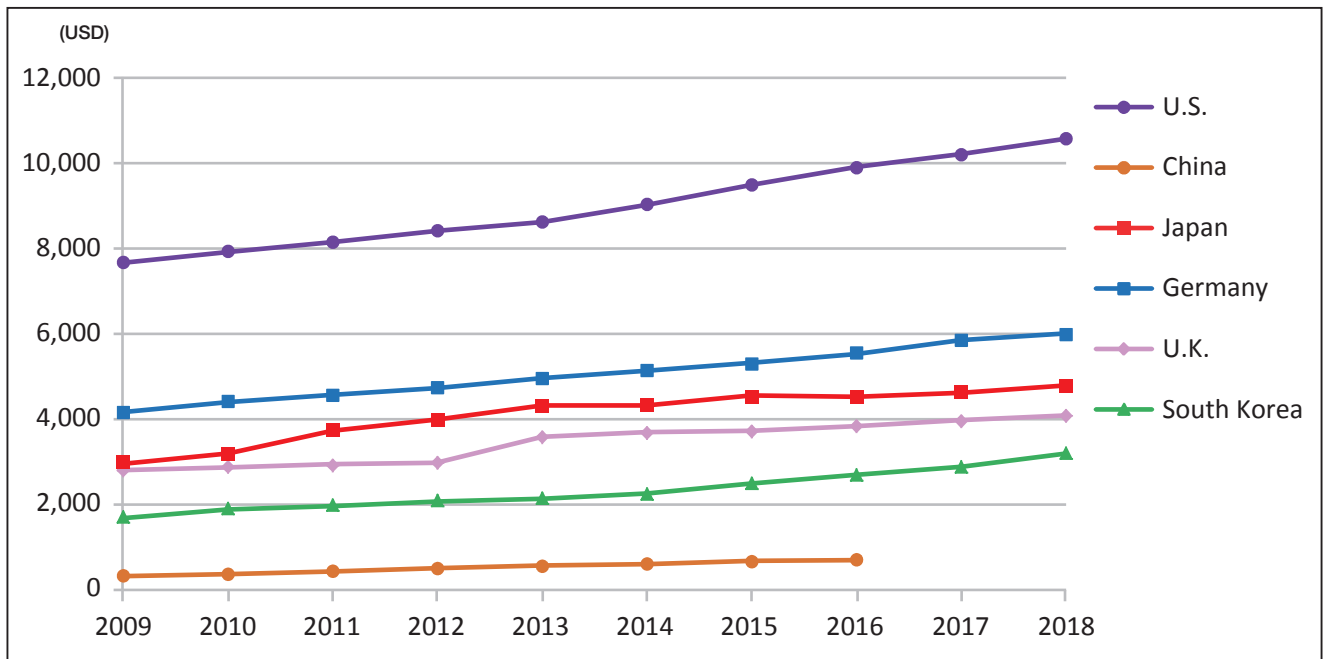
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S.	16.3	16.4	16.4	16.3	16.3	16.4	16.7	17.1	17.1	* 16.9
Switzerland	10.8	10.7	10.8	11.1	11.3	11.5	11.9	12.2	12.3	* 12.2
Germany	11.1	11.0	10.7	10.8	10.9	11.0	11.1	11.1	11.2	^P 11.2
France	11.3	11.2	11.2	11.3	11.4	11.6	11.5	11.5	11.3	* 11.2
Sweden	8.9	8.5	^B 10.7	10.9	11.1	11.1	11.0	11.0	11.0	^P 11.0
Japan	9.1	9.2	^B 10.6	10.8	10.8	10.8	10.9	10.8	^P 10.9	^P 10.9
U.K.	8.5	8.4	8.4	8.3	^B 9.8	9.8	9.7	9.7	9.6	* 9.8
S. Korea	6.1	6.2	6.3	6.4	6.6	6.8	7.0	7.3	7.6	^P 8.1
China	4.3	4.2	4.3	4.6	4.7	4.8	5.0	5.0	N/A	

* Estimate. B Break in series. P Provisional value.

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

5-8 Health Expenditure per Capita

一人当たり医療支出

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

Health Expenditure per Capita

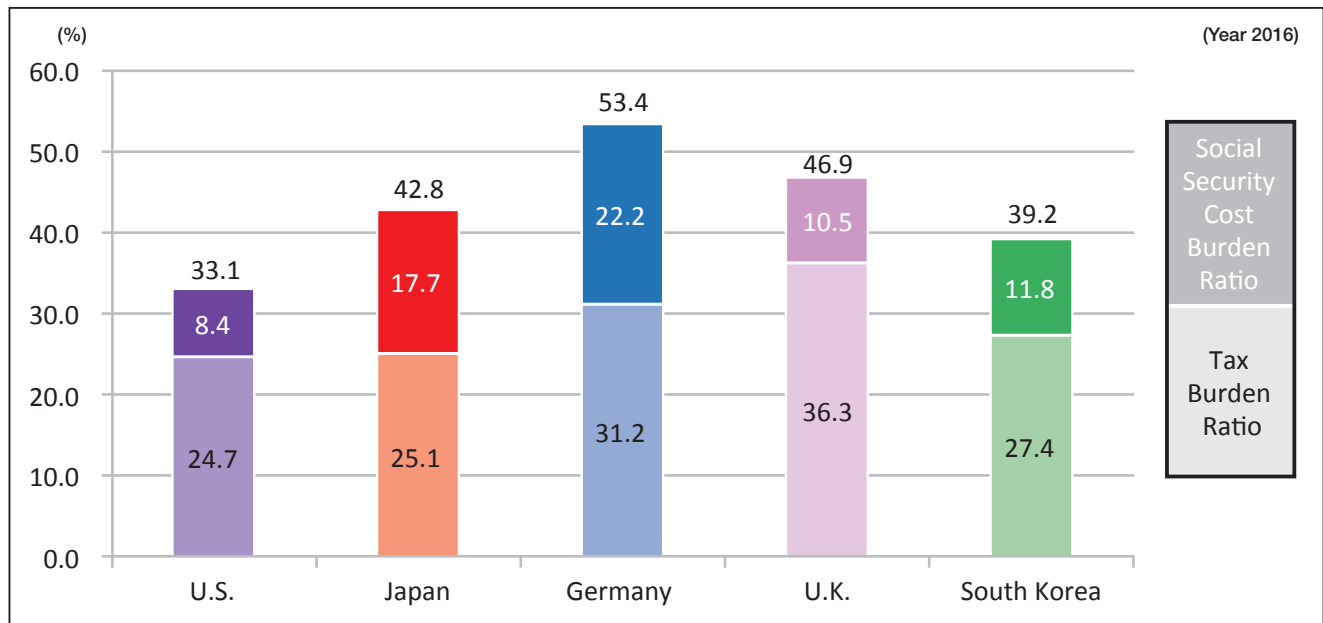
(USD)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S.	7,682	7,939	8,154	8,423	8,629	9,042	9,505	9,904	10,207	* 10,586
Switzerland	5,282	5,296	5,477	5,796	6,188	6,439	6,761	6,942	7,147	* 7,317
Norway	4,687	4,775	4,965	5,210	5,486	5,707	5,728	5,804	^P 6,064	^P 6,187
Germany	4,157	4,412	4,558	4,734	4,948	5,142	5,291	5,550	5,848	^P 5,986
Sweden	3,473	3,446	^B 4,484	4,694	4,750	4,882	5,027	5,049	5,264	^P 5,447
Japan	2,974	3,170	^B 3,741	3,971	4,308	4,328	4,517	4,513	^P 4,630	^P 4,766
U.K.	2,789	2,871	2,910	2,968	^B 3,574	3,668	3,703	3,833	3,943	* 4,070
S. Korea	1,697	1,890	1,977	2,080	2,135	2,236	2,488	2,678	2,870	^P 3,192
China	314	352	416	482	541	590	641	688	N/A	

* Estimate. B Break in series. P Provisional value.

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

5-9 National Burden Ratio

国民負担率



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/a04.htm

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

各国の研究開発投資(拠出元別)

(Year 2017)

(Million USD, % by Source)

	Total	% of GDP	Business enterprise	Government	Higher education	Others
U.S.	^{D*} 543,249	2.8%	^D 345,440 (63.6%)	^{DP} 123,731 (22.8%)	^{DP} 19,511 (3.6%)	^{DP*} 54,567 (10.0%)
China	495,981	2.1%	379,320 (76.5%)	98,245 (19.8%)	N/A	18,416 (3.7%)
Japan	170,901	3.2%	133,758 (78.3%)	* 25,635 (15.0%)	* 9,057 (5.3%)	2,451 (1.4%)
Germany	132,004	3.0%	^D 87,360 (66.2%)	^D 36,592 (27.7%)	N/A	^D 8,053 (6.1%)
U.K.	* 47,421	1.7%	* 24,549 (51.8%)	* 12,454 (26.3%)	* 643 (1.4%)	* 9,774 (20.6%)
S. Korea	90,980	4.6%	69,358 (76.2%)	19,636 (21.6%)	535 (0.6%)	1,450 (1.6%)

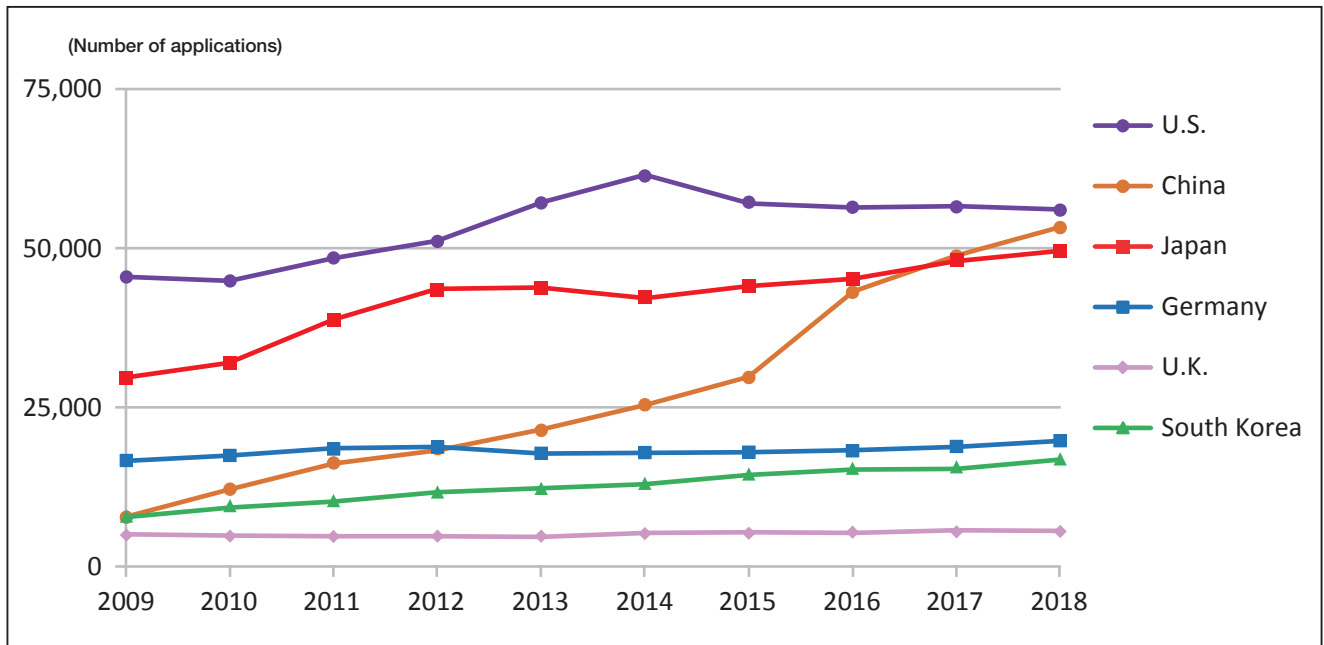
* Estimate. D Difference in methodology. P Provisional value.

Notes: The data of U.K. is based on 2016. 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, universities and government laboratories, etc., in a country.

Source: OECD https://stats.oecd.org/Index.aspx?DataSetCode=GERD_SOF <https://data.oecd.org/rd/gross-domestic-spending-on-r-d.htm>

5-11 PCT Patent Applications

国際特許出願 (PCT出願) 数



Note: International patent filings under the Patent Cooperation Treaty (PCT).

Source: WIPO (World Intellectual Property Organization) <https://wipo.int/portal/en/>

PCT Patent Applications

(Number of applications)

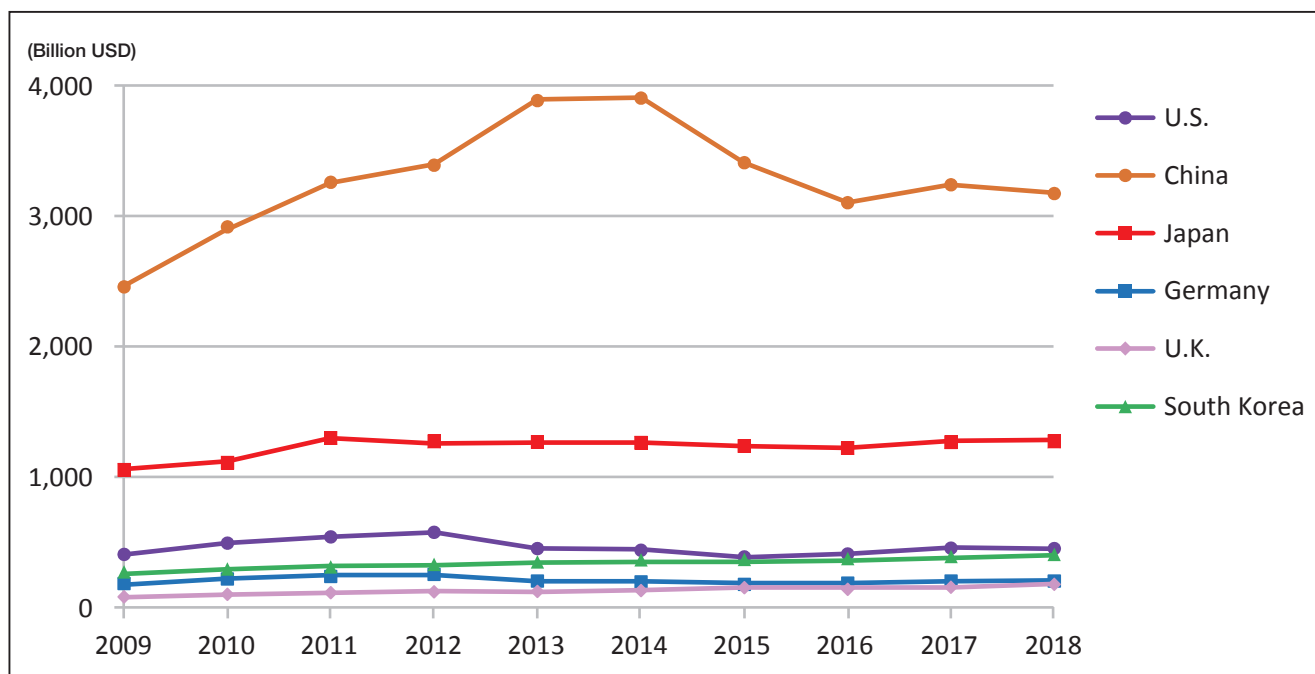
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S.	45,627	45,008	48,596	51,207	57,239	61,492	57,385	56,595	56,624	56,142
China	7,900	12,296	16,406	18,627	21,516	25,539	29,846	43,168	48,882	53,345
Japan	29,802	32,150	38,888	43,660	43,918	42,459	44,235	45,239	48,208	49,702
Germany	16,797	17,568	18,568	18,855	17,927	18,008	18,072	18,315	18,982	19,883
S. Korea	8,035	9,669	10,447	11,848	12,386	13,151	14,626	15,560	15,763	17,014
U.K.	5,044	4,891	4,844	4,895	4,865	5,282	5,315	5,496	5,567	5,641
Others	42,201	42,734	44,151	45,308	47,449	48,569	48,521	48,627	49,474	51,273
Total	155,406	164,316	181,900	194,400	205,300	214,500	218,000	233,000	243,500	253,000

Note: International patent filings under the Patent Cooperation Treaty (PCT).

Source: WIPO (World Intellectual Property Organization) <https://wipo.int/portal/en/>

5-12 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

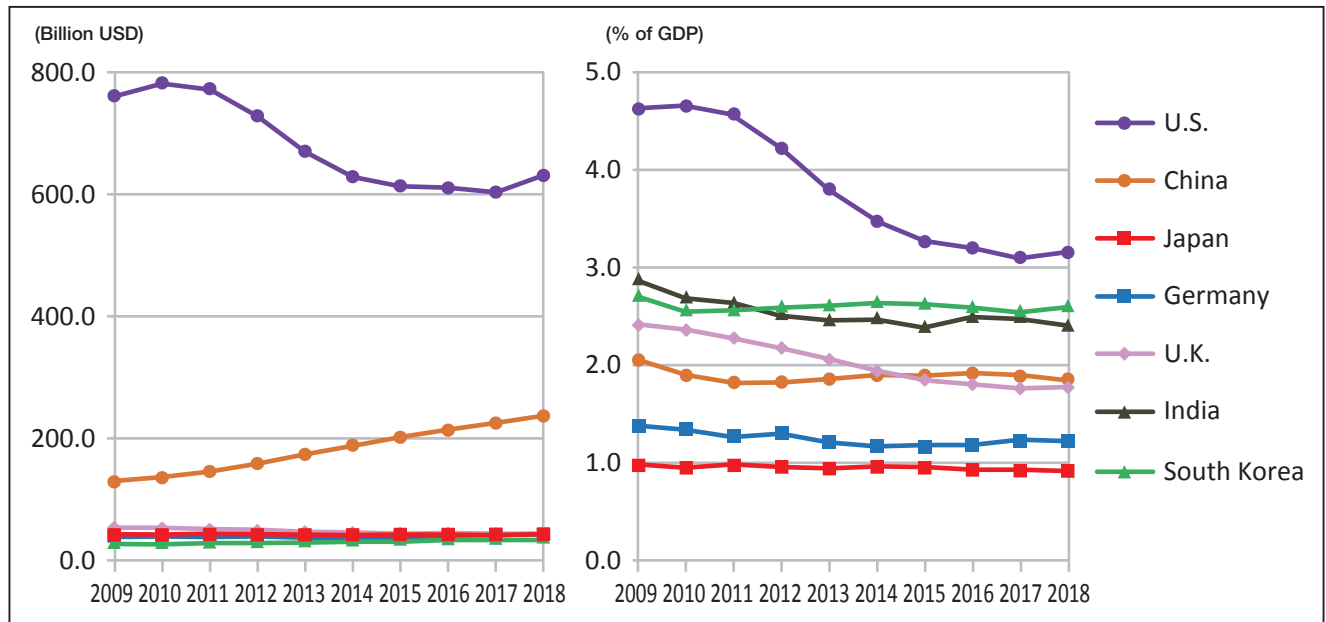
(Billion USD)

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S.	404	489	537	574	449	434	384	406	451	450
China	2,453	2,914	3,255	3,388	3,880	3,900	3,405	3,098	3,236	3,168
Japan	1,052	1,105	1,296	1,268	1,267	1,261	1,233	1,217	1,264	1,270
Germany	179	216	234	249	199	193	174	184	200	198
U.K.	79	98	110	117	119	124	148	135	151	173
S. Korea	270	292	307	328	346	363	367	370	389	403

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

5-13 Military Expenditure

軍事支出



Notes: Figures are in billion USD at constant 2017 prices and exchange rates. Figures of China are SIPRI estimates.

Source: SIPRI Military Expenditure Database 2019 <https://www.sipri.org/databases/milex>

Military Expenditure

(Billion USD, % of GDP)

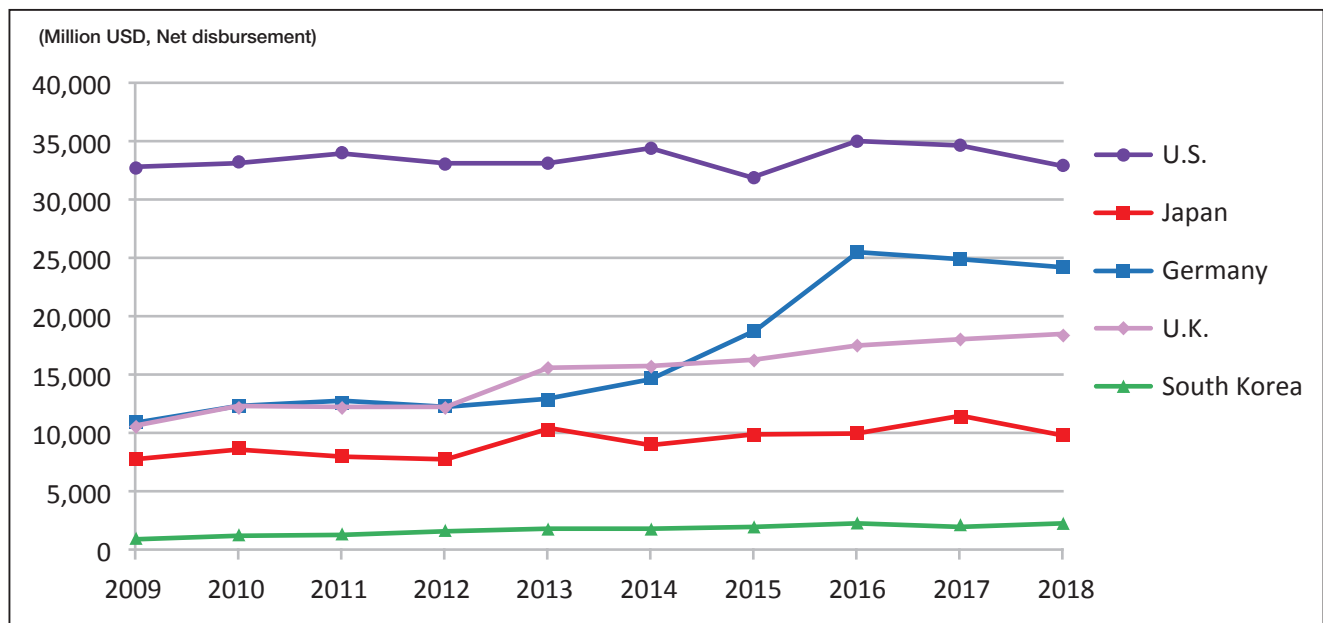
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S.	763.9 (4.6%)	784.8 (4.7%)	775.2 (4.6%)	731.1 (4.2%)	673.1 (3.8%)	631.5 (3.5%)	616.5 (3.3%)	612.9 (3.2%)	605.8 (3.1%)	633.6 (3.2%)
China	131.1 (2.1%)	137.9 (1.9%)	148.7 (1.8%)	161.4 (1.8%)	176.5 (1.9%)	191.6 (1.9%)	204.2 (1.9%)	215.7 (1.9%)	227.8 (1.9%)	239.2 (1.9%)
Japan	44.3 (1.0%)	44.5 (1.0%)	45.1 (1.0%)	44.6 (1.0%)	44.4 (1.0%)	44.8 (1.0%)	45.6 (1.0%)	45.4 (0.9%)	45.4 (0.9%)	45.4 (0.9%)
Germany	42.4 (1.4%)	42.8 (1.4%)	41.6 (1.3%)	42.6 (1.3%)	40.1 (1.2%)	40.0 (1.2%)	41.2 (1.2%)	42.9 (1.2%)	45.4 (1.2%)	46.2 (1.2%)
U.K.	56.2 (2.4%)	55.4 (2.4%)	53.4 (2.3%)	51.2 (2.2%)	49.2 (2.1%)	47.9 (1.9%)	46.8 (1.9%)	46.9 (1.8%)	46.4 (1.8%)	46.9 (1.8%)
India	51.6 (2.9%)	51.8 (2.7%)	52.3 (2.7%)	52.1 (2.5%)	51.7 (2.5%)	54.2 (2.5%)	54.7 (2.4%)	60.3 (2.5%)	64.6 (2.5%)	66.6 (2.4%)
Russia	50.4 (3.9%)	51.4 (3.6%)	54.9 (3.4%)	63.6 (3.7%)	66.7 (3.8%)	71.5 (4.1%)	77.0 (4.9%)	82.6 (5.5%)	66.5 (4.2%)	64.2 (3.9%)
S. Korea	32.2 (2.7%)	32.4 (2.6%)	32.9 (2.6%)	33.7 (2.6%)	34.8 (2.6%)	36.1 (2.7%)	37.5 (2.6%)	38.5 (2.6%)	39.2 (2.6%)	41.2 (2.6%)
World total	1,688.7	1,722.0	1,727.6	1,715.3	1,690.9	1,687.4	1,715.3	1,715.3	1,734.6	1,780.0

Notes: Figures are in billion USD at constant 2017 prices and exchange rates. Figures of China are SIPRI estimates.

Source: SIPRI Military Expenditure Database 2019 <https://www.sipri.org/databases/milex>

5-14 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)

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S.	32,760	33,309	34,069	33,089	33,170	34,458	31,920	35,075	34,732	33,000
Germany	11,012	12,353	12,634	12,359	12,903	14,774	18,765	25,604	25,005	24,266
U.K.	10,592	12,207	12,228	12,232	15,657	15,757	16,282	17,575	18,103	18,429
Japan	7,818	8,746	8,100	7,818	10,373	9,143	9,930	10,080	11,463	9,921
S. Korea	1,055	1,334	1,420	1,724	1,826	1,847	1,999	2,358	2,201	2,336
DAC Total	116,520	122,890	121,876	117,311	123,496	125,476	133,234	147,555	147,160	143,218

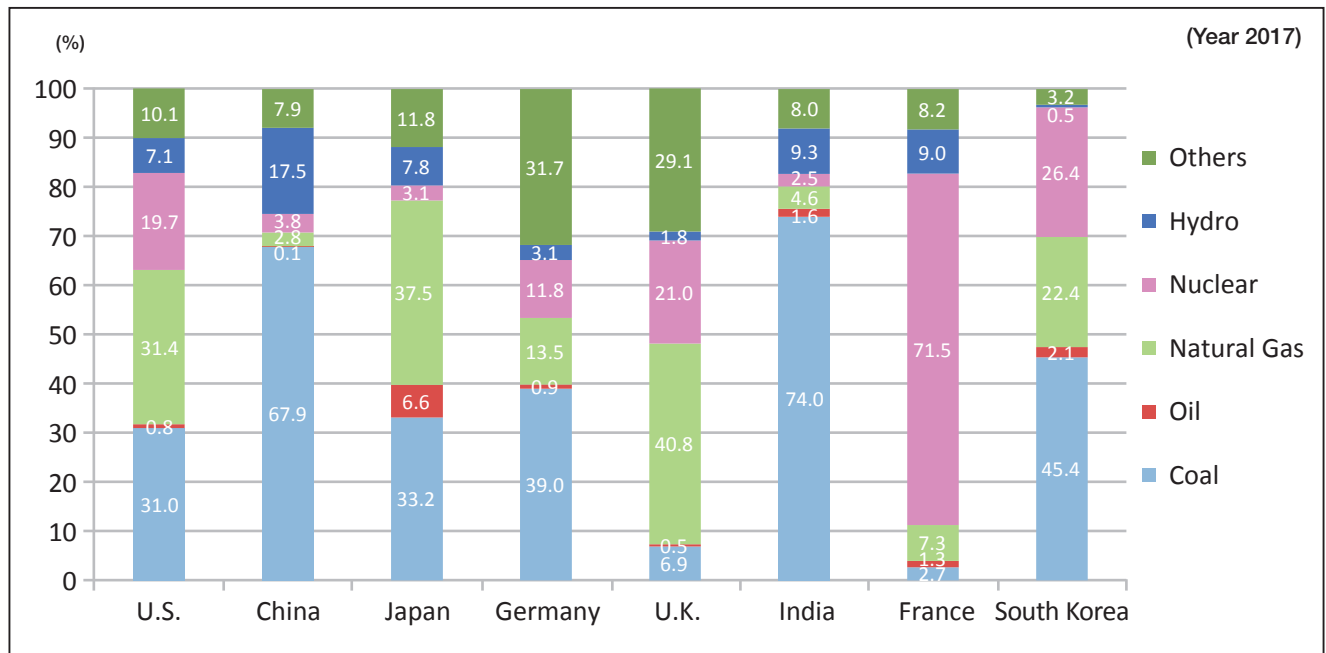
Notes: Net means the total amount disbursed minus payments of interest.

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>

5-15 Electricity Production by Source

電源別発電電力量の構成比

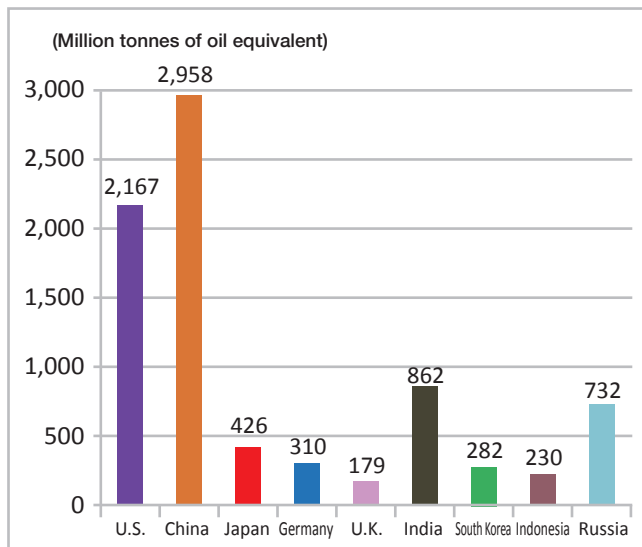


Source: IEA WORLD ENERGY BALANCES 2019 Edition <https://www.iea.org/>

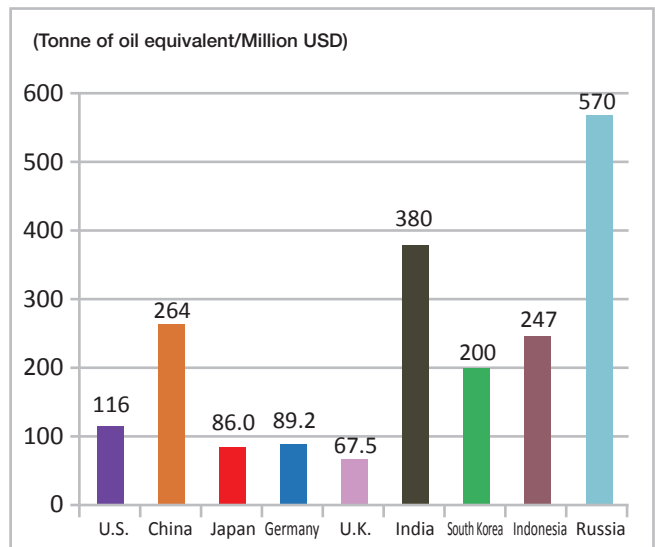
5-16 Primary Energy Consumption

一次エネルギー消費量

Primary Energy Consumption (2016)



Primary Energy Consumption per Nominal GDP (2016)



Sources: IEA data compiled by EDMC.

Handbook of Japan's & World Energy & Economic Statistics, EDMC 2019, The Energy Conservation Center, Japan
World Energy Balance 2019, IEA <https://www.iea.org/statistics/balances/>

5-17 Land Area

国土面積

(Year 2017)

(km²)

1	Russia	17,098,246	11	Congo (DRC)	2,344,858
2	Canada	9,984,670	12	Saudi Arabia	2,206,714
3	U. S.	9,833,517	13	Greenland	2,166,086
4	China	9,600,000	14	Mexico	1,964,375
5	Brazil	8,515,767	15	Indonesia	1,910,931
6	Australia	7,692,024	16	Libya	1,676,198
7	India	3,287,263	17	Iran	1,628,762
8	Argentina	2,796,427	18	Mongolia	1,564,116
9	Kazakhstan	2,724,902	19	Peru	1,285,216
10	Algeria	2,381,741	20	Chad	1,284,000

Japan	377,930
Germany	357,578
U.K.	242,495
S. Korea	100,339

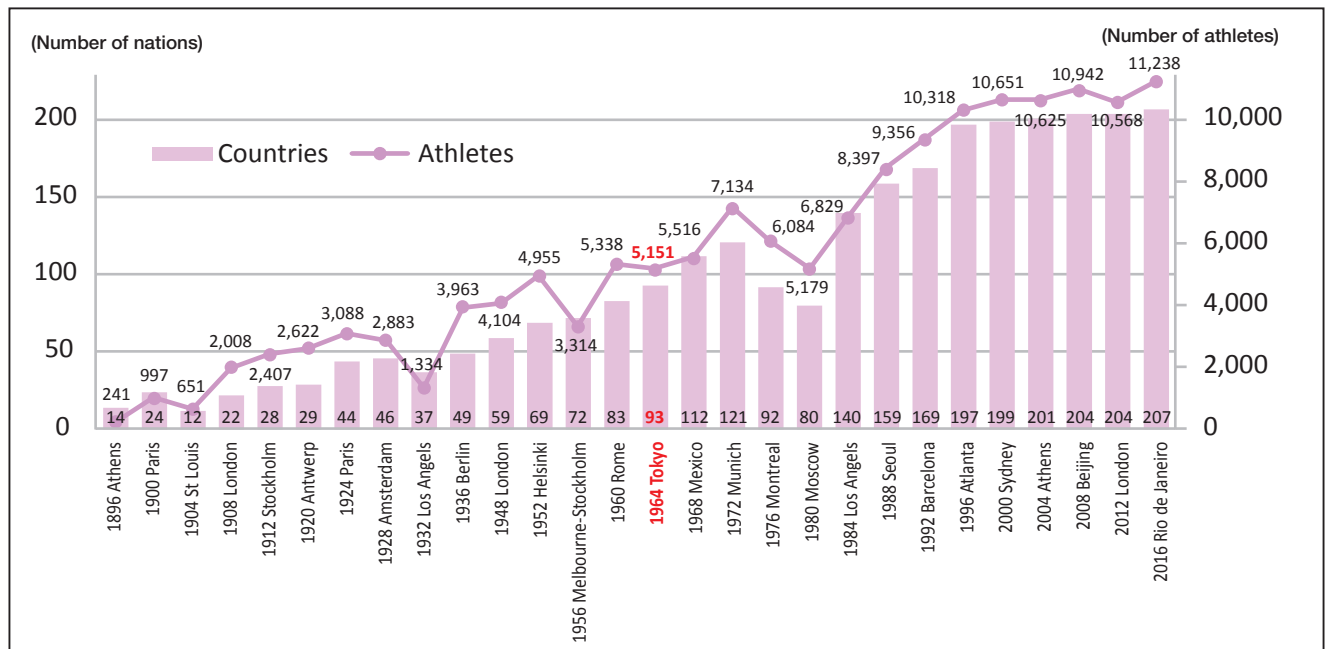
Note: Land area refers to total surface area, including inland waters.

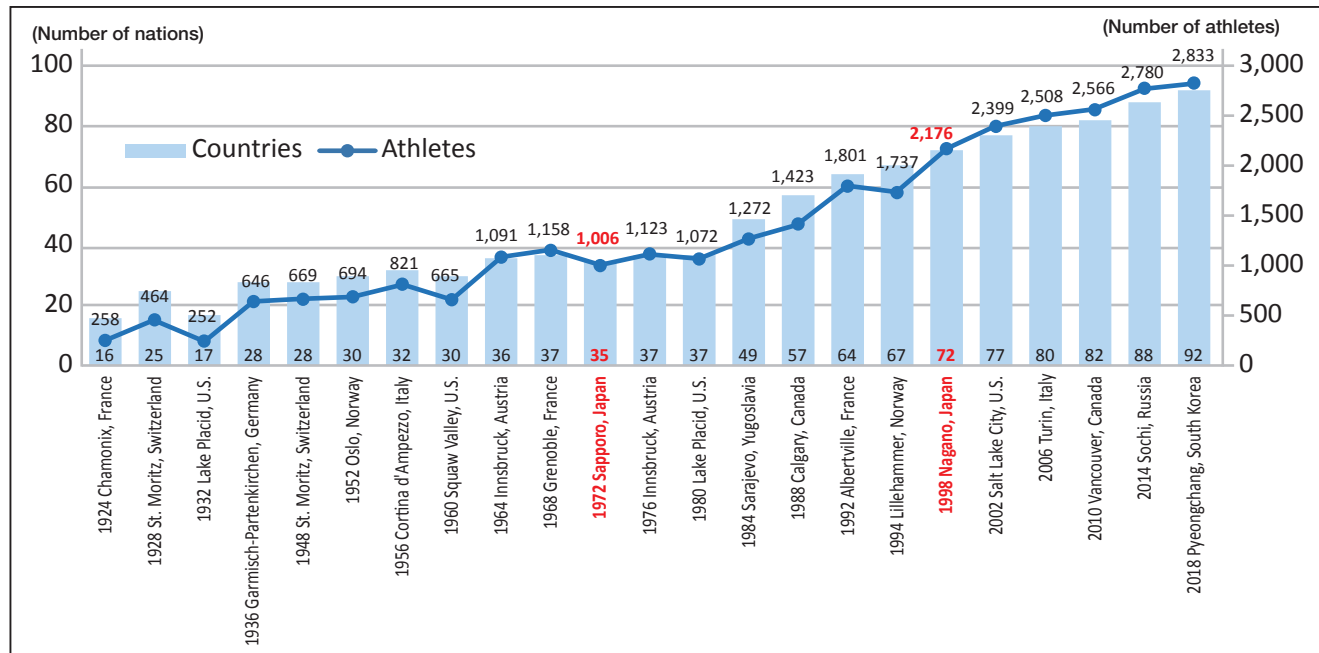
Source: UN https://unstats.un.org/unsd/demographic-social/products/dyb/dyb_2017/

Editor's Choice

Participating Nations and Athletes of Summer Olympic Games

夏季オリンピック出場国・選手数

Source: The IOC (The International Olympic Committee) <https://www.olympic.org/summer-games>



Source: The IOC (The International Olympic Committee) <https://www.olympic.org/winter-games>

Japan and the World 2019/20

A Pocket Guide in Figures

Japan and the World 2019/20

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://en.kkc.or.jp/>

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 2019/20 英文国際比較統計集

2019年12月16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 : 978-4-87605-051-2

バックナンバー (2018/19) を
こちらからダウンロード頂けます。



DOWNLOAD PREVIOUS
DATA FOR FREE

Chapter 5
**Government Budget,
Tax and Other Data**

Chapter 4
**Education and
People Exchange**

Chapter 3
**Trade and
Investment**

Chapter 2
**Populations and
Labor Markets**

Chapter 1
**Economic and
Financial Indicators**



9784876050512



1920033010007

ISBN978-4-87605-051-2
C0033 ¥1000E

定価 本体 1000円 + 税