

# Japan and the World 2022/23

A Pocket Guide in Figures

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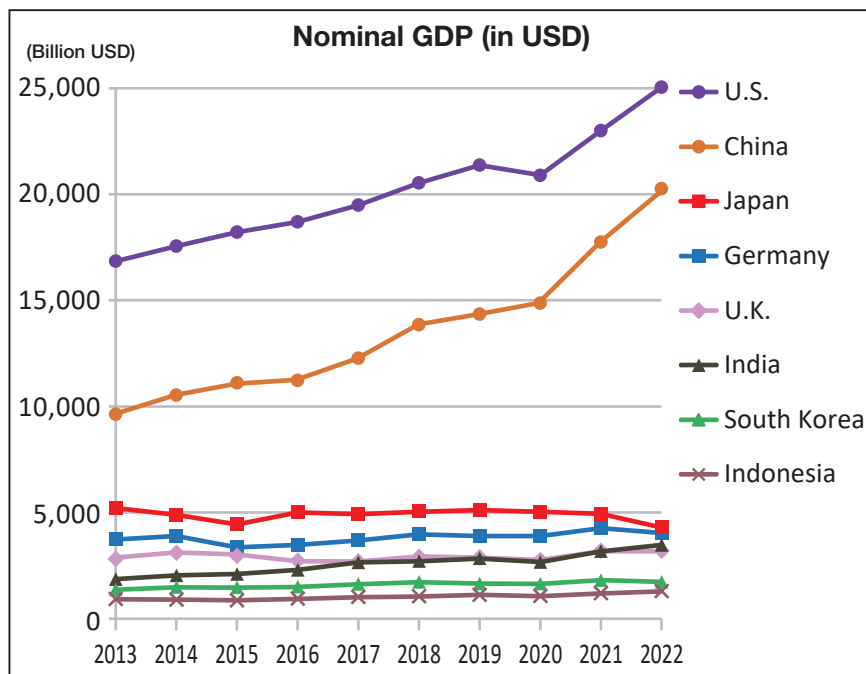
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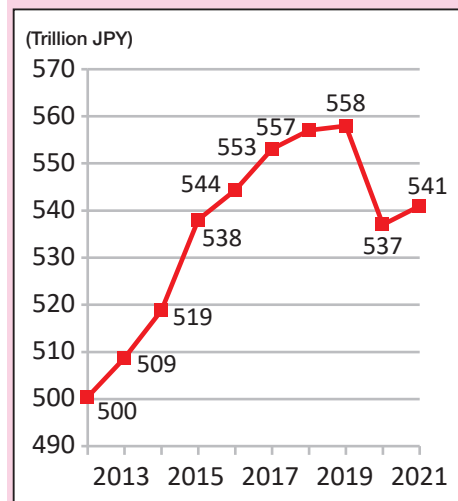
1-1 GDP (Gross Domestic Product)

国内総生産



Source: IMF World Economic Outlook Database, October 2022  
<https://www.imf.org/en/Publications/WEO/weo-database/2022/October>

Japan's Nominal GDP (in JPY)



Source: Cabinet Office  
[https://www.esri.cao.go.jp/jp/sna/data/data\\_list/sokuhou/files/2022/qe222\\_2/pdf/jikei\\_1.pdf](https://www.esri.cao.go.jp/jp/sna/data/data_list/sokuhou/files/2022/qe222_2/pdf/jikei_1.pdf)

Nominal GDP (in USD)

(Billion USD)

	2013	2014	2015	2016	2017	2018	2019	2020	2021	*2022
1 U.S.	16,843	17,551	18,206	18,695	19,480	20,527	21,373	20,894	22,996	25,035
2 China	9,625	10,524	11,114	11,227	12,265	13,842	14,341	14,863	*17,745	20,256
3 <b>Japan</b> (% of Global GDP)	<b>5,212</b> (6.7%)	<b>4,897</b> (6.2%)	<b>4,445</b> (5.9%)	<b>5,004</b> (6.6%)	<b>4,931</b> (6.1%)	<b>5,041</b> (5.8%)	<b>5,120</b> (5.8%)	<b>5,032</b> (5.9%)	<b>*4,933</b> (5.1%)	<b>4,301</b> (4.2%)
4 Germany	3,734	3,890	3,358	3,469	3,690	3,976	3,889	3,887	4,263	4,031
5 U.K.	2,805	3,089	2,957	2,733	2,701	2,905	2,880	2,759	3,188	3,198
6 India	1,857	2,039	2,104	2,295	2,651	2,703	2,832	2,668	3,176	3,469
7 France	2,812	2,857	2,439	2,472	2,594	2,792	2,729	2,636	2,957	2,778
8 Italy	2,142	2,163	1,837	1,877	1,961	2,093	2,012	1,891	*2,101	1,997
9 Canada	1,847	1,806	1,557	1,528	1,649	1,725	1,742	1,645	1,988	2,200
10 S. Korea	1,371	1,484	1,466	1,499	1,623	1,725	1,651	1,645	*1,811	1,734

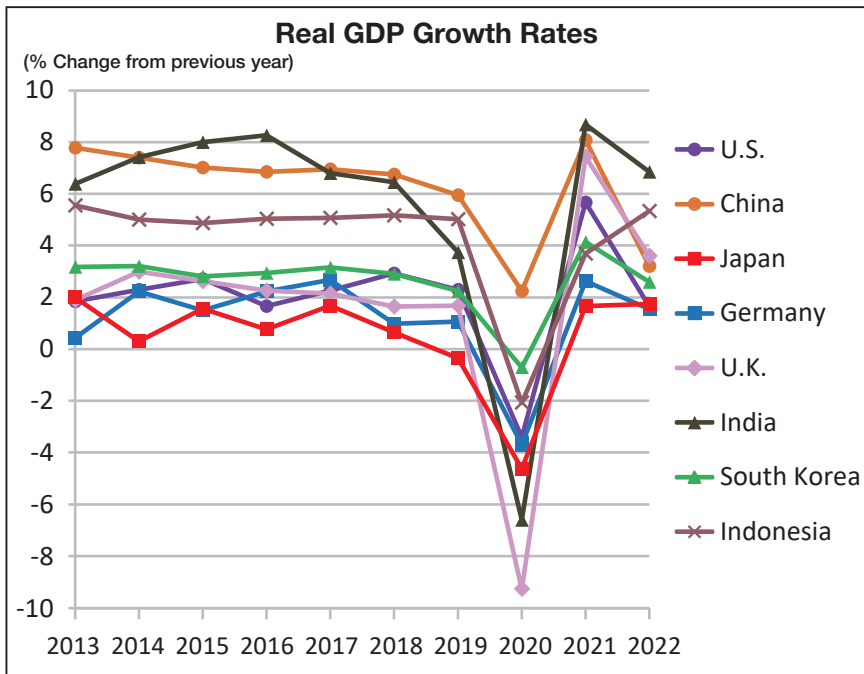
	2013	2014	2015	2016	2017	2018	2019	2020	2021	*2022
11 Russia	2,288	2,049	1,357	1,281	1,575	1,653	1,696	1,484	1,779	2,133
12 Australia	1,519	1,456	1,233	1,264	1,382	1,417	1,387	1,358	1,635	1,725
13 Brazil	2,472	2,456	1,800	1,797	2,064	1,917	1,873	1,449	*1,608	1,895
14 Iran	428	461	408	458	487	516	652	971	1,590	1,974
15 Spain	1,355	1,372	1,196	1,233	1,312	1,422	1,393	1,280	1,426	1,390
16 Mexico	1,274	1,315	1,172	1,078	1,159	1,222	1,269	1,090	*1,298	1,425
17 Indonesia	917	891	861	932	1,015	1,043	1,119	1,062	1,187	1,289
18 Netherlands	877	892	766	784	834	914	910	909	1,014	991
19 Saudi Arabia	747	756	654	645	689	817	804	703	834	1,011
20 Turkey	958	939	864	869	859	780	759	720	818	853
World Total	77,366	79,429	74,944	76,211	81,036	86,210	87,654	85,441	97,076	103,496

\* Estimate  
 Source: IMF World Economic Outlook Database, October 2022 <https://www.imf.org/en/Publications/WEO/weo-database/2022/October>



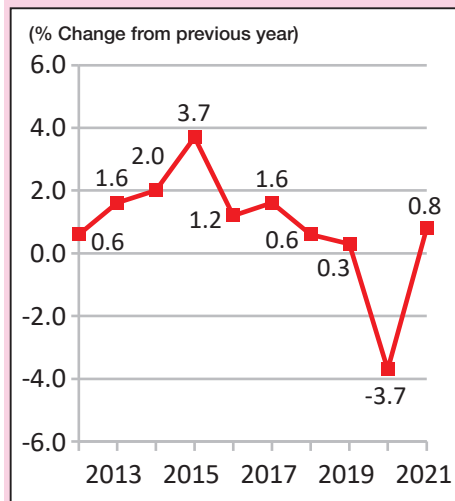
1-2 GDP Growth Rates

GDP成長率



Source: IMF World Economic Outlook Database, October 2022  
<https://www.imf.org/en/Publications/WEO/weo-database/2022/October>

Japan's Nominal GDP Growth Rate



Source: Cabinet Office  
[https://www.esri.cao.go.jp/jp/sna/data/data\\_list/sokuhou/files/2022/qe222\\_2/pdf/jikei\\_1.pdf](https://www.esri.cao.go.jp/jp/sna/data/data_list/sokuhou/files/2022/qe222_2/pdf/jikei_1.pdf)

Real GDP Growth Rates

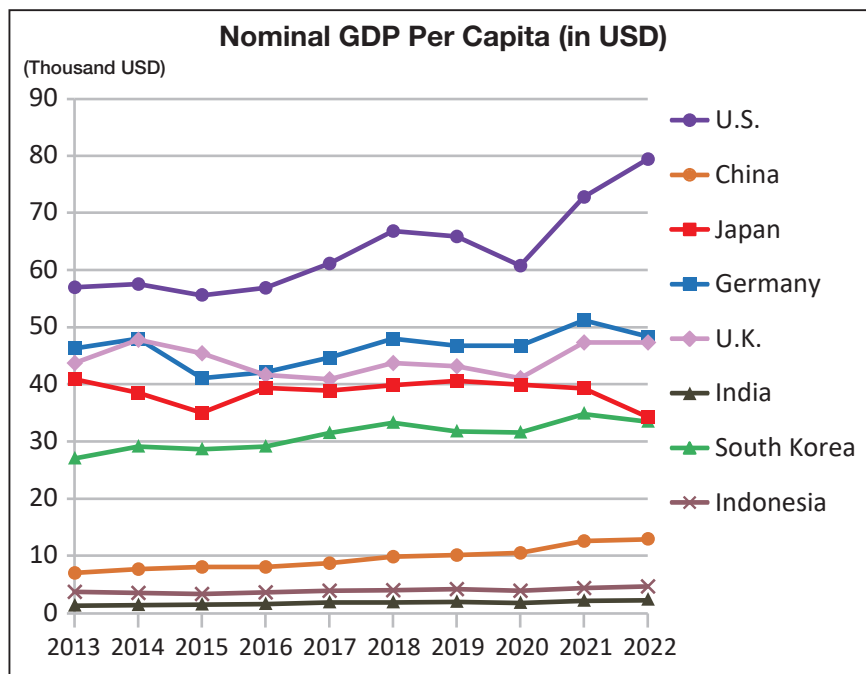
(% Change from previous year)

	2013	2014	2015	2016	2017	2018	2019	2020	2021	*2022		2013	2014	2015	2016	2017	2018	2019	2020	2021	*2022
U.S.	1.8	2.3	2.7	1.7	2.3	2.9	2.3	-3.4	5.7	1.6	Russia	1.8	0.7	-2.0	0.2	1.8	2.8	2.2	-2.7	4.7	-3.4
China	7.8	7.4	7.0	6.9	6.9	6.8	6.0	2.2	8.1	3.2	Australia	2.2	2.6	2.3	2.7	2.4	2.8	2.0	-2.1	4.9	3.8
<b>Japan</b>	<b>2.0</b>	<b>0.3</b>	<b>1.6</b>	<b>0.8</b>	<b>1.7</b>	<b>0.6</b>	<b>-0.4</b>	<b>-4.6</b>	<b>1.7</b>	<b>1.7</b>	Brazil	3.0	0.5	-3.5	-3.3	1.3	1.8	1.2	-3.9	4.6	2.8
Germany	0.4	2.2	1.5	2.2	2.7	1.0	1.1	-3.7	2.6	1.5	Iran	-1.5	5.0	-1.4	8.8	2.8	-1.8	-3.1	3.3	4.7	3.0
U.K.	1.9	3.0	2.6	2.3	2.1	1.7	1.7	-9.3	*7.4	3.6	Spain	-1.4	1.4	3.8	3.0	3.0	2.3	2.1	-10.8	5.1	4.3
India	6.4	7.4	8.0	8.3	6.8	6.5	3.7	-6.6	8.7	6.8	Mexico	1.4	2.9	3.3	2.6	2.1	2.2	-0.2	-8.1	4.8	2.1
France	0.7	1.0	1.1	1.0	2.4	1.8	1.9	-7.9	6.8	2.5	Indonesia	5.6	5.0	4.9	5.0	5.1	5.2	5.0	-2.1	3.7	5.3
Italy	-1.8	0.0	0.8	1.3	1.7	0.9	0.5	-9.0	6.6	3.2	Netherlands	-0.1	1.4	2.0	2.2	2.9	2.4	2.0	-3.9	4.9	4.5
Canada	2.3	2.9	0.7	1.0	3.0	2.8	1.9	-5.2	4.5	3.3	Saudi Arabia	2.7	3.7	4.1	1.7	-0.7	2.5	0.3	-4.1	3.2	7.6
S. Korea	3.2	3.2	2.8	2.9	3.2	2.9	2.2	-0.7	4.1	2.6	Turkey	8.5	4.9	6.1	3.3	7.5	3.0	0.8	1.9	11.4	5.0

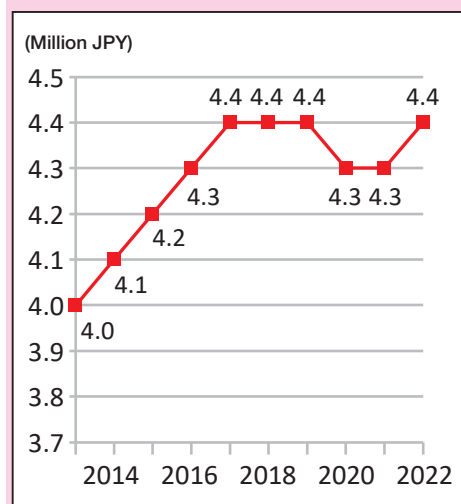
\* Estimate  
 Source: IMF World Economic Outlook Database, October 2022 <https://www.imf.org/en/Publications/WEO/weo-database/2022/October>

## 1-3 GDP Per Capita

一人当たりGDP



## Japan's Nominal GDP Per Capita (in JPY)



Estimates from 2016.

Source: IMF

<https://www.imf.org/en/Publications/WEO/weo-database/2022/October>Source: IMF World Economic Outlook Database, October 2022  
<https://www.imf.org/en/Publications/WEO/weo-database/2022/October>

## Nominal GDP Per Capita (in USD)

(Thousand USD)

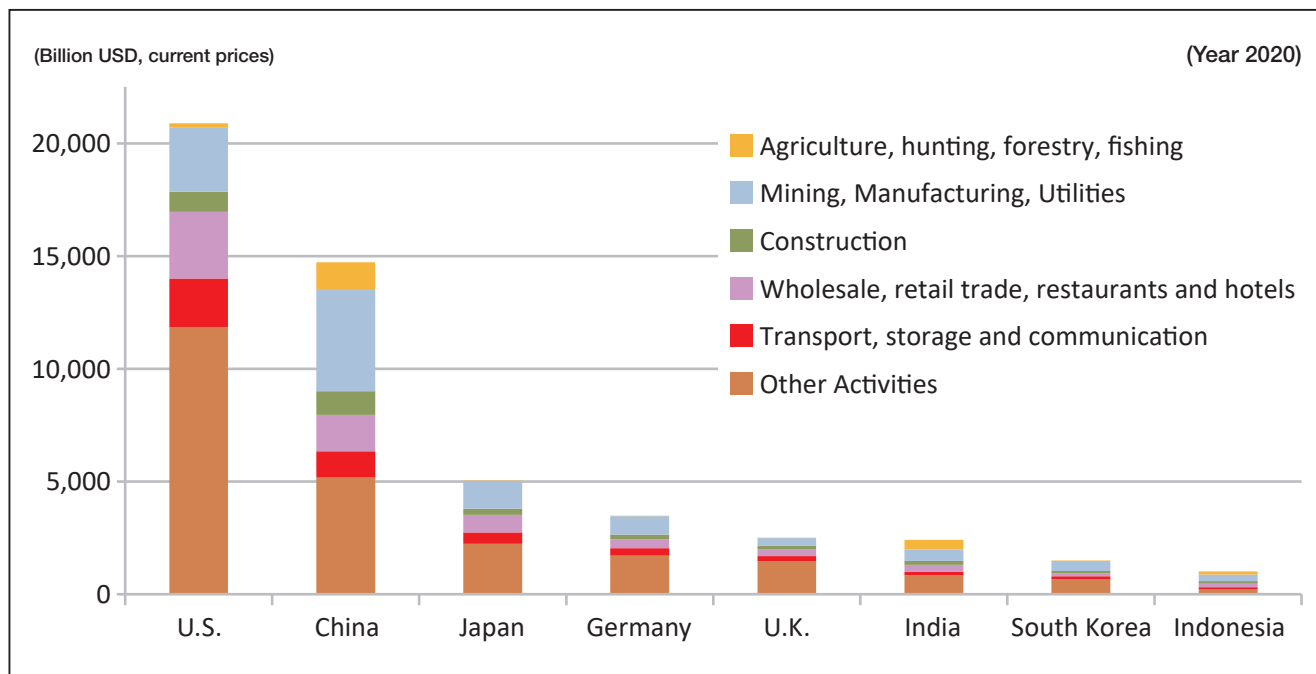
	2013	2014	2015	2016	2017	2018	2019	2020	2021	*2022		2013	2014	2015	2016	2017	2018	2019	2020	2021	*2022	
1 Luxembourg	121.4	125.2	106.7	107.9	111.2	118.5	114.4	117.1	*136.7	127.7	Germany	46.3	48.0	41.1	42.1	44.6	48.0	46.8	46.7	51.2	48.4	
2 Ireland	51.5	55.5	61.9	62.7	69.7	79.0	80.7	85.2	100.1	102.2	U.K.	43.8	47.8	45.4	41.6	40.9	43.7	43.1	41.1	*47.3	47.3	
3 Switzerland	87.9	89.3	84.2	82.6	82.6	85.5	84.5	85.9	*92.2	92.4	Japan	40.9	38.5	35.0	*39.4	*38.9	*39.9	*40.6	*40.0	*39.3	34.4	
4 Norway	102.6	96.7	74.1	70.2	75.3	82.1	75.6	67.3	89.0	92.6	S. Korea	27.2	29.3	28.7	29.3	31.6	33.4	31.9	31.7	35.0	33.6	
5 Singapore	57.0	57.6	55.6	56.9	61.1	66.9	65.8	60.7	72.8	79.4	China	7.0	7.6	8.0	8.1	8.8	9.8	10.2	10.5	*12.6	13.0	
6 Iceland	50.1	54.9	53.2	62.5	73.1	75.4	*69.5	*59.6	*69.4	74.0	Indonesia	3.7	3.5	3.4	3.6	3.9	3.9	4.2	3.9	4.4	4.7	
7 U.S.	53.2	55.1	56.7	57.8	59.9	62.8	65.1	63.1	69.2	75.2	India	1.4	*1.6	*1.6	*1.7	*2.0	*2.0	*2.1	*1.9	*2.3	2.5	
8 Qatar	99.2	93.1	66.3	58.0	59.1	66.4	63.0	53.8	*68.6	82.9												
9 Denmark	61.3	62.7	53.5	54.9	57.8	61.7	59.7	61.0	68.2	65.7												
10 Australia	65.2	61.6	51.4	51.8	55.8	56.3	54.3	53.0	63.5	66.4												

\* Estimate

Source: IMF World Economic Outlook Database, October 2022 <https://www.imf.org/en/Publications/WEO/weo-database/2022/October>

## 1-4 Value Added by Economic Activity

経済活動別粗付加価値

Source: UN <https://unstats.un.org/unsd/snaama/index>

## Value Added by Economic Activity (2020)

(Billion USD, current prices; % distribution)

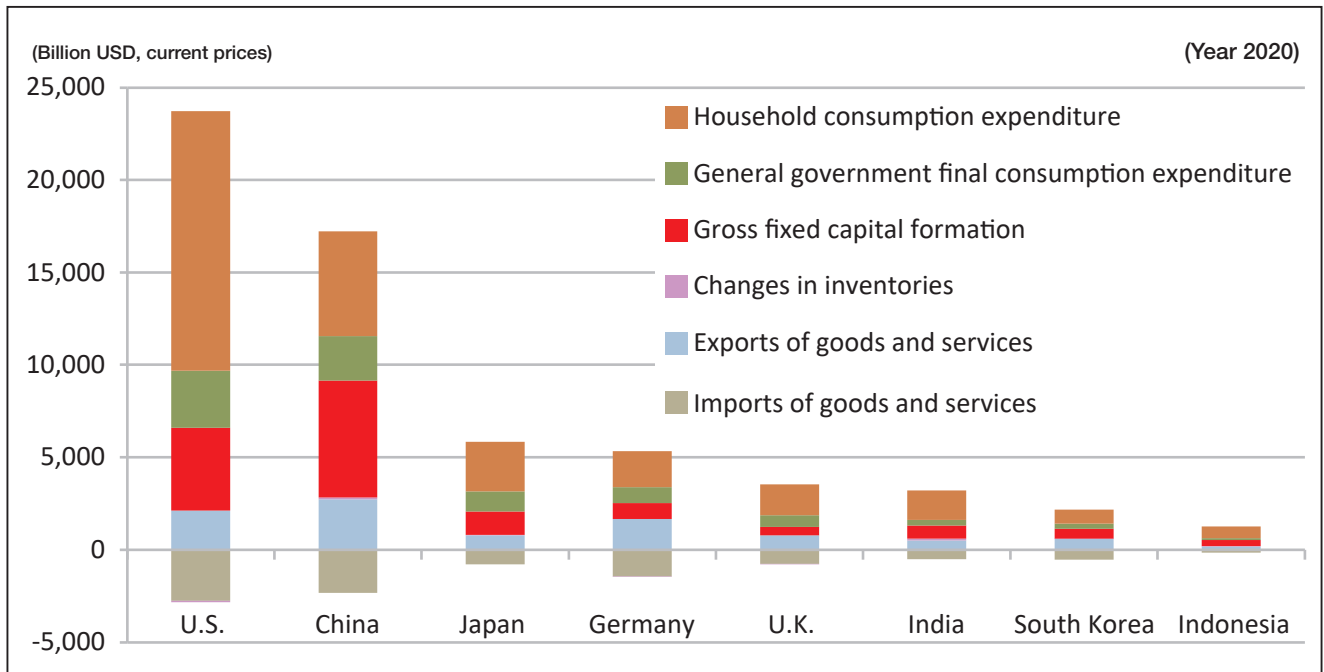
	Agriculture, hunting, forestry, fishing	Mining, Manufacturing, Utilities	Construction	Wholesale, retail trade, restaurants, hotels	Transport, storage and communication	Other Activities	Total Value Added
U.S.	174.5 (0.8%)	2,855.6 (13.7%)	895.9 (4.3%)	2,954.2 (14.1%)	2,172.4 (10.4%)	11,841.2 (56.7%)	20,893.8 (100.0%)
China*	1,175.3 (8.0%)	4,536.8 (30.8%)	1,057.8 (7.2%)	1,618.0 (11.0%)	1,152.2 (7.8%)	5,182.7 (35.2%)	14,722.8 (100.0%)
<b>Japan</b>	<b>54.0</b> <b>(1.1%)</b>	<b>1,185.3</b> <b>(23.6%)</b>	<b>270.4</b> <b>(5.4%)</b>	<b>775.7</b> <b>(15.4%)</b>	<b>516.0</b> <b>(10.3%)</b>	<b>2,228.3</b> <b>(44.3%)</b>	<b>5,029.8</b> <b>(100.0%)</b>
Germany	28.3 (0.8%)	815.9 (23.4%)	203.1 (5.8%)	398.1 (11.4%)	325.4 (9.3%)	1,713.3 (49.2%)	3,484.1 (100.0%)
U.K.	16.1 (0.6%)	326.7 (13.1%)	144.4 (5.8%)	314.5 (12.6%)	241.1 (9.6%)	1,456.7 (58.3%)	2,499.5 (100.0%)
India	437.1 (18.1%)	498.9 (20.6%)	185.6 (7.7%)	299.6 (12.4%)	152.4 (6.3%)	845.2 (34.9%)	2,418.8 (100.0%)
S. Korea	30.0 (2.0%)	444.6 (29.7%)	89.1 (5.9%)	145.9 (9.7%)	121.6 (8.1%)	668.0 (44.6%)	1,499.3 (100.0%)
Indonesia	145.0 (14.2%)	291.6 (28.6%)	113.3 (11.1%)	163.9 (16.1%)	95.0 (9.3%)	211.0 (20.7%)	1,019.9 (100.0%)

\* Mainland

Source: UN <https://unstats.un.org/unsd/snaama/index>

## 1-5 GDP by Expenditure

## 支出項目別GDP (構成比)

Source: UN <https://unstats.un.org/unsd/snaama/Basic>

## GDP by Expenditure (2020)

(Billion USD, current prices; % distribution)

	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 GDP
U.S.	14,047.6 (67.2%)	3,078.0 (14.7%)	4,478.9 (21.4%)	-59.6 (-0.3%)	2,123.4 (10.2%)	-2,774.6 (-13.3%)	20,893.7 (100.0%)
China*	5,657.4 (38.4%)	2,414.0 (16.4%)	6,313.5 (42.9%)	97.4 (0.7%)	2,726.1 (18.5%)	-2,343.4 (-15.9%)	14,722.8 (100.0%)
<b>Japan</b>	<b>2,700.7</b> <b>(53.4%)</b>	<b>1,066.4</b> <b>(21.1%)</b>	<b>1,279.5</b> <b>(25.3%)</b>	<b>10.6</b> <b>(0.2%)</b>	<b>785.4</b> <b>(15.5%)</b>	<b>-786.2</b> <b>(-15.5%)</b>	<b>5,057.8</b> <b>(100.0%)</b>
Germany	1,950.8 (50.7%)	861.9 (22.4%)	845.4 (22.0%)	-31.9 (-0.8%)	1,670.0 (43.4%)	-1,449.8 (-37.7%)	3,846.4 (100.0%)
U.K.	1,683.7 (60.9%)	615.9 (22.3%)	474.1 (17.2%)	-11.3 (-0.4%)	770.5 (27.9%)	-765.0 (-27.7%)	2,764.2 (100.0%)
India	1,591.7 (59.7%)	292.1 (11.0%)	722.0 (27.1%)	97.0 (3.6%)	497.3 (18.7%)	-511.8 (-19.2%)	2,664.7 (100.0%)
S. Korea	760.4 (46.4%)	295.8 (18.1%)	509.6 (31.1%)	12.2 (0.7%)	596.9 (36.4%)	-536.7 (-32.8%)	1,637.9 (100.0%)
Indonesia	624.1 (59.0%)	98.3 (9.3%)	335.9 (31.7%)	6.7 (0.6%)	181.7 (17.2%)	-169.6 (-16.0%)	1,058.4 (100.0%)

\* Mainland

Source: UN <https://unstats.un.org/unsd/snaama/Basic>

## 1-6 Gross National Income

## 国民総所得

## Nominal Gross National Income

(Billion USD, current prices)

		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
1	U.S.	16,676	17,188	18,043	18,661	19,020	19,893	20,947	21,709	21,287	23,393
2	China	8,512	9,493	10,489	11,009	11,178	12,294	13,834	14,240	14,583	17,577
3	<b>Japan</b>	<b>6,446</b>	<b>5,392</b>	<b>5,079</b>	<b>4,620</b>	<b>5,178</b>	<b>5,113</b>	<b>5,231</b>	<b>5,323</b>	<b>5,223</b>	<b>5,125</b>
4	Germany	3,612	3,820	3,967	3,434	3,556	3,779	4,105	4,014	3,953	4,351
5	U.K.	2,691	2,746	3,023	2,886	2,655	2,664	2,860	2,862	2,723	3,170
6	India	1,806	1,834	2,015	2,079	2,248	2,623	2,674	2,804	2,632	3,124
7	France	2,742	2,875	2,918	2,492	2,525	2,654	2,856	2,787	2,672	3,002
8	Italy	2,084	2,138	2,162	1,824	1,882	1,973	2,115	2,028	1,916	2,125
9	Canada	1,796	1,818	1,777	1,533	1,509	1,628	1,696	1,720	1,627	1,976
10	S. Korea	1,292	1,380	1,492	1,470	1,506	1,631	1,732	1,666	1,650	1,821
11	Russia	2,141	2,213	1,991	1,326	1,241	1,532	1,617	1,640	1,453	1,733
12	Brazil	2,401	2,435	2,407	1,764	1,754	2,020	1,858	1,816	1,410	1,559

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 <https://data.worldbank.org/indicator/NY.GNP.MKTP.CD>

## 1-7 Exchange Rates

為替レート

(National currencies per USD)

		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Yuan (China)	End of period	6.29	6.10	6.12	6.49	6.95	6.51	6.85	6.99	6.53	6.37
	Annual average	6.31	6.20	6.14	6.23	6.64	6.76	6.62	6.91	6.90	6.45
JPY	End of period	86.55	105.30	120.64	120.50	116.80	112.90	110.83	109.12	103.63	114.21
	Annual average	79.79	97.60	105.94	121.04	108.79	112.17	110.42	109.01	106.77	109.75
Euro	End of period	0.76	0.73	0.82	0.92	0.95	0.83	0.87	0.89	0.81	0.88
	Annual average	0.78	0.75	0.75	0.90	0.90	0.89	0.85	0.89	0.88	0.85
Won (S. Korea)	End of period	1071.10	1055.30	1099.20	1172.00	1208.50	1071.40	1118.10	1157.80	1088.00	1186.60
	Annual average	1126.81	1094.98	1052.84	1130.95	1160.77	1131.00	1100.16	1165.36	1180.27	1143.95

Source: IMF <https://data.imf.org/regular.aspx?key=61545850>

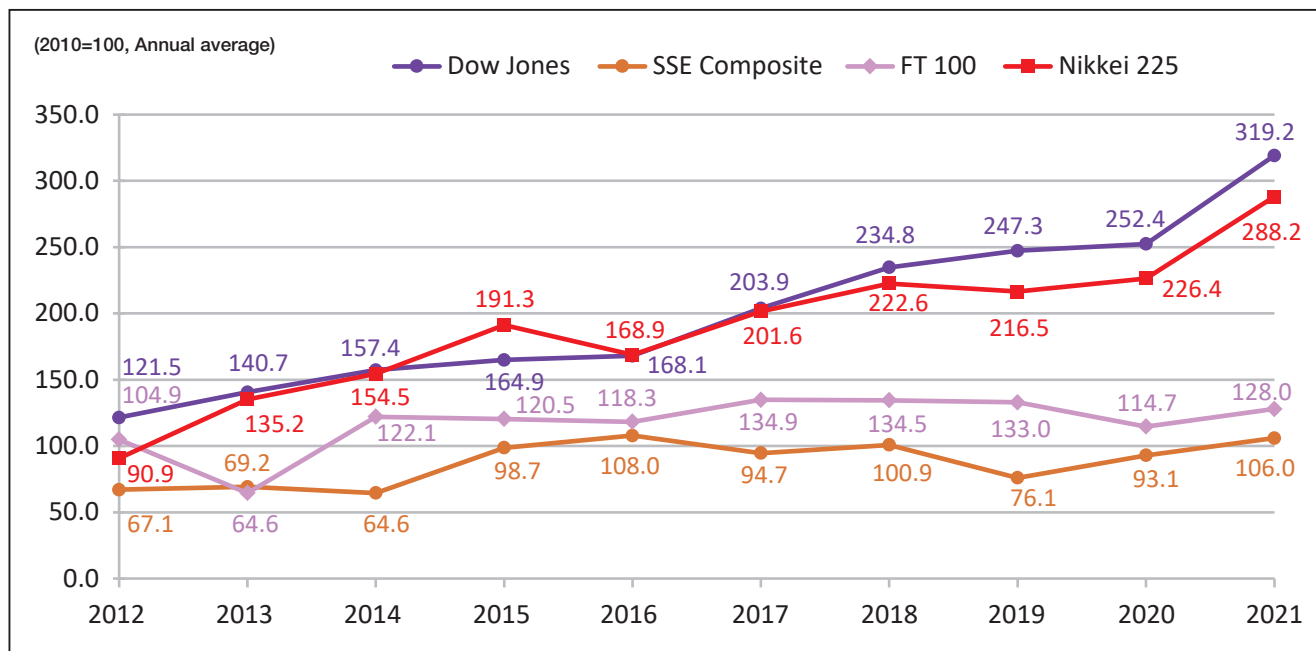
(JPY per national currencies)

		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
JPY /Yuan (China)	Annual average	12.64	15.75	17.25	19.44	16.37	16.60	16.69	15.78	15.47	17.02
JPY /Euro	Annual average	105.27	134.60	128.62	131.78	114.68	134.53	126.43	122.46	131.02	124.30
JPY /Won (S. Korea)	Annual average	0.071	0.089	0.101	0.107	0.094	0.099	0.100	0.094	0.090	0.096

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.  
Sources: Cabinet Office and Refinitiv data compiled by Keizai Koho Center.

## Stock Prices and Indices

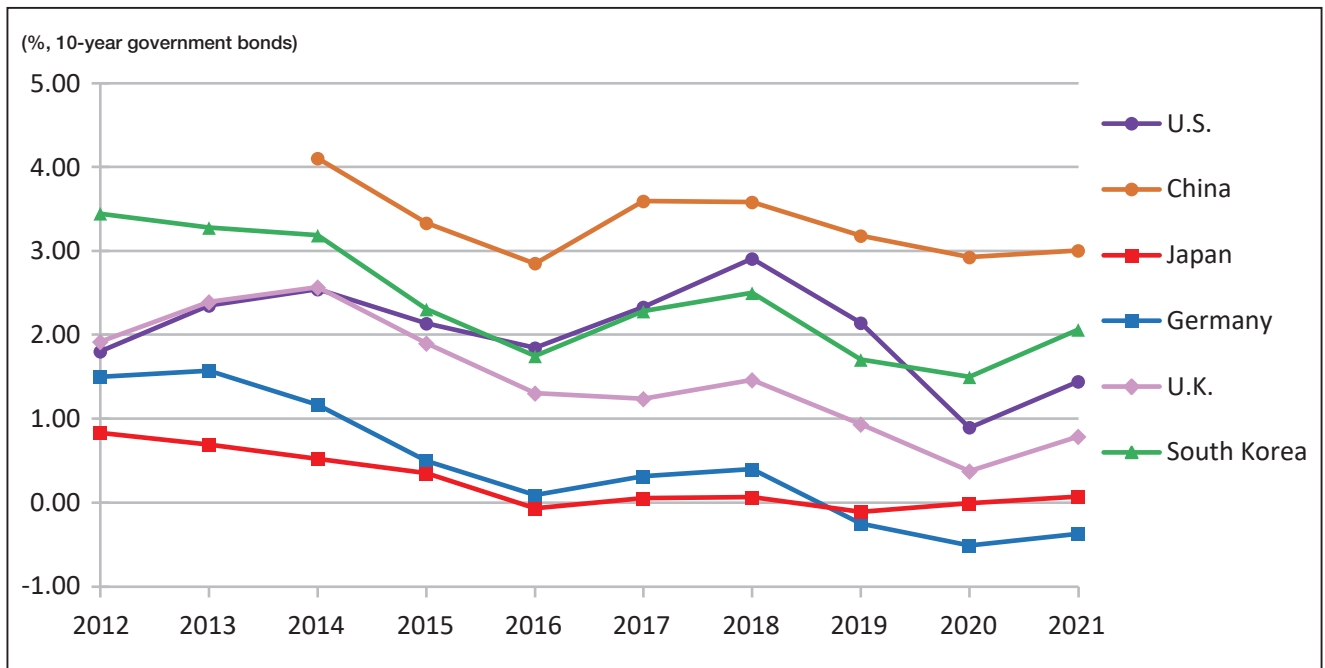
(Annual Average)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Dow Jones (USD)	12,960.35	15,001.04	16,782.40	17,588.04	17,922.85	21,741.74	25,036.64	26,374.58	26,919.25	34,039.87
SSE Composite (Index)	2,199.42	2,269.13	2,115.98	3,234.68	3,539.18	3,103.64	3,307.17	2,493.90	3,050.12	3,473.07
<b>Nikkei 225 (JPY)</b>	<b>9,109.61</b>	<b>13,555.09</b>	<b>15,482.01</b>	<b>19,172.06</b>	<b>16,926.97</b>	<b>20,202.62</b>	<b>22,312.21</b>	<b>21,694.34</b>	<b>22,691.66</b>	<b>28,838.65</b>
FT 100 (Index)	5,740.16	6,472.02	6,681.60	6,591.37	6,474.97	7,380.24	7,359.61	7,278.22	6,275.89	7,001.76

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.  
Sources: Cabinet Office and Refinitiv data compiled by Keizai Koho Center.

## 1-9 Long-term Interest Rates

長期金利

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

## Long-term Interest Rates

(%, 10-year government bonds)

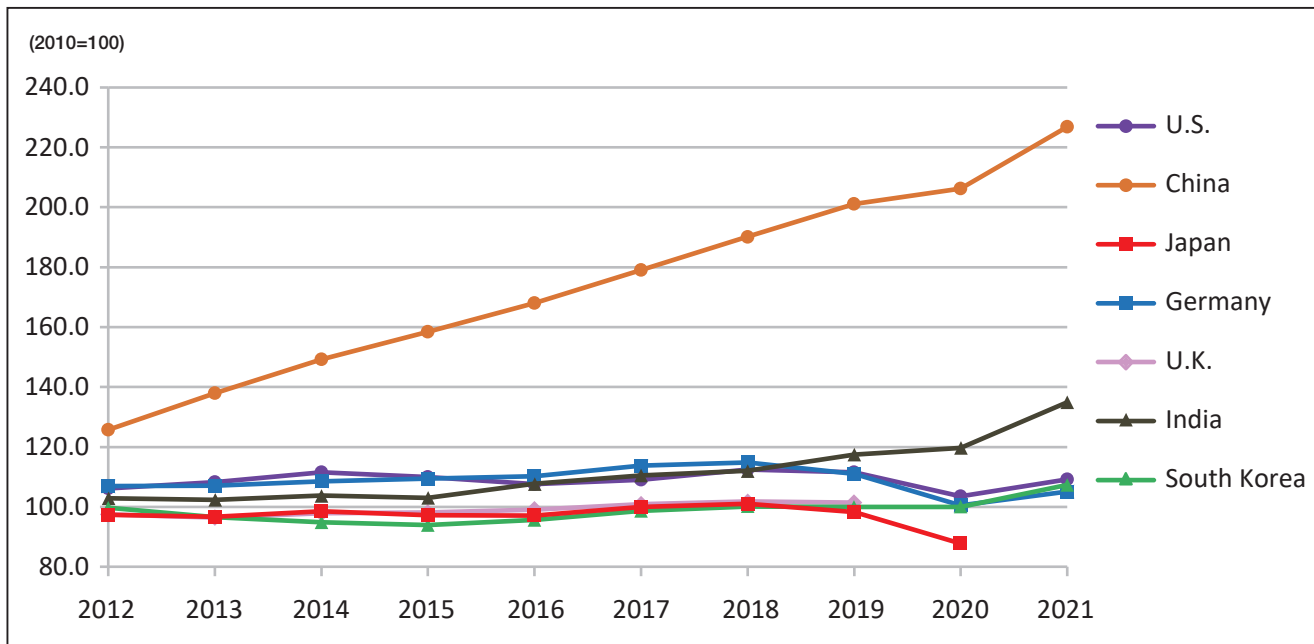
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
U.S.	1.80	2.35	2.54	2.14	1.84	2.33	2.91	2.14	0.89	1.44
China	N/A		4.10	3.33	2.85	3.59	3.58	3.18	2.92	3.01
<b>Japan</b>	<b>0.84</b>	<b>0.69</b>	<b>0.52</b>	<b>0.35</b>	<b>-0.07</b>	<b>0.05</b>	<b>0.07</b>	<b>-0.11</b>	<b>-0.01</b>	<b>0.07</b>
Germany	1.50	1.57	1.16	0.50	0.09	0.32	0.40	-0.25	-0.51	-0.37
U.K.	1.92	2.39	2.57	1.90	1.31	1.24	1.46	0.94	0.37	0.79
S. Korea	3.45	3.28	3.19	2.31	1.75	2.28	2.50	1.70	1.50	2.06

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



## 1-10 Industrial Production Index

鉱工業生産指数



Note: Data for China and India are not seasonally adjusted.

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

## Industrial Production Index

(2010=100, seasonally adjusted)

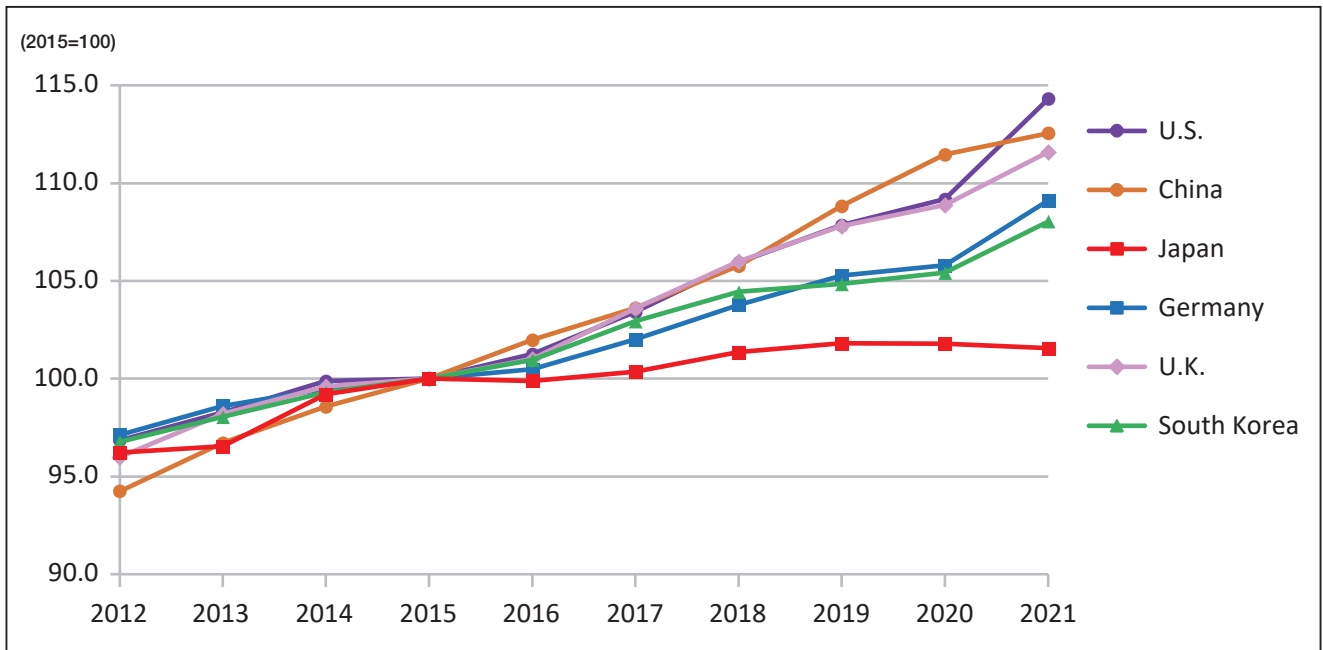
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
U.S.	106.2	108.3	111.6	110.0	107.6	109.0	112.5	111.6	103.5	109.2
China	125.7	137.9	149.3	158.4	168.0	179.0	190.1	201.1	206.3	226.8
<b>Japan</b>	<b>97.4</b>	<b>96.8</b>	<b>98.6</b>	<b>97.3</b>	<b>97.2</b>	<b>100.0</b>	<b>101.0</b>	<b>98.3</b>	<b>87.9</b>	<b>N/A</b>
Germany	106.9	107.1	108.5	109.4	110.3	113.8	114.9	111.1	100.5	105.1
U.K.	97.5	96.5	97.9	98.2	99.2	101.0	101.8	101.5	N/A	
India	102.9	102.4	103.8	103.1	107.7	110.6	112.1	117.5	119.7	135.0
S. Korea	99.7	96.6	94.9	93.9	95.7	98.7	100.2	100.1	100.1	107.4

Note: Data for China and India are not seasonally adjusted.

Source: IMF <https://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)



Note: Data for Japan is published according to the COICOP 2018 classification.

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

## Consumer Price Indices (All Items)

(2015=100)

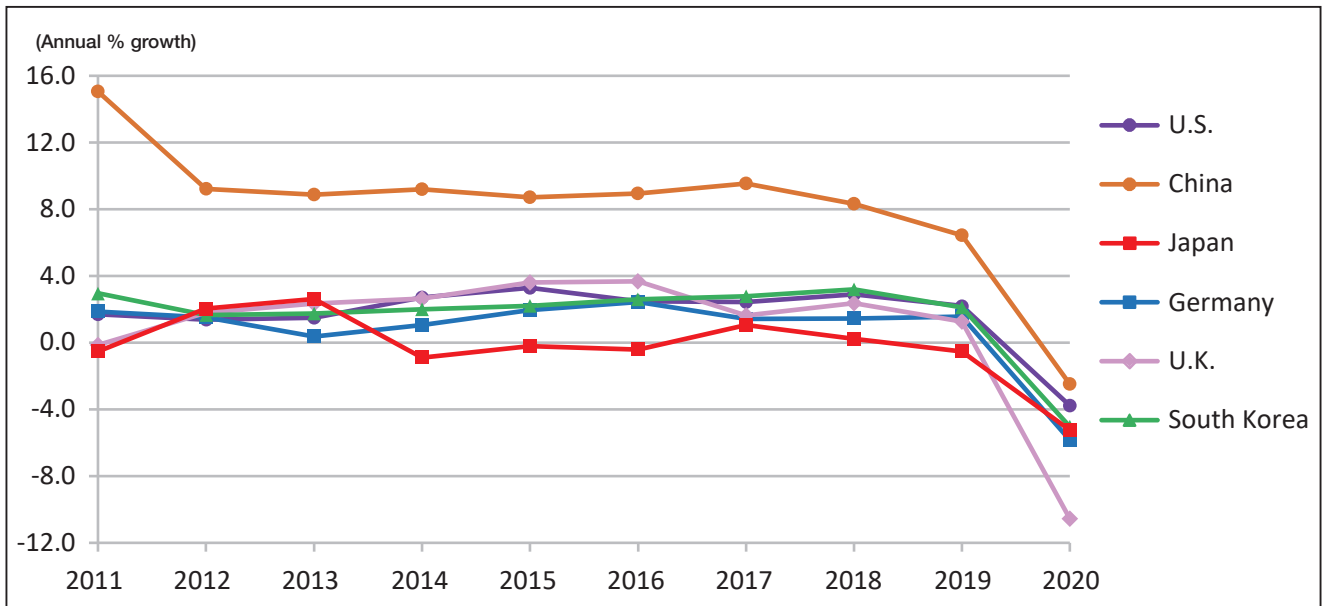
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
U.S.	96.9	98.3	99.9	100.0	101.3	103.4	105.9	107.9	109.2	114.3
China	94.3	96.7	98.6	100.0	102.0	103.6	105.8	108.8	111.5	112.6
<b>Japan</b>	<b>96.2</b>	<b>96.5</b>	<b>99.2</b>	<b>100.0</b>	<b>99.9</b>	<b>100.4</b>	<b>101.3</b>	<b>101.8</b>	<b>101.8</b>	<b>101.6</b>
Germany	97.1	98.6	99.5	100.0	100.5	102.0	103.8	105.3	105.8	109.1
U.K.	96.0	98.2	99.6	100.0	101.0	103.6	106.0	107.8	108.9	111.6
S. Korea	96.8	98.0	99.3	100.0	101.0	102.9	104.5	104.9	105.4	108.1

Note: Data for Japan is published according to the COICOP 2018 classification.

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

## Household and NPISHs Final Consumption Expenditure

(Annual % growth)

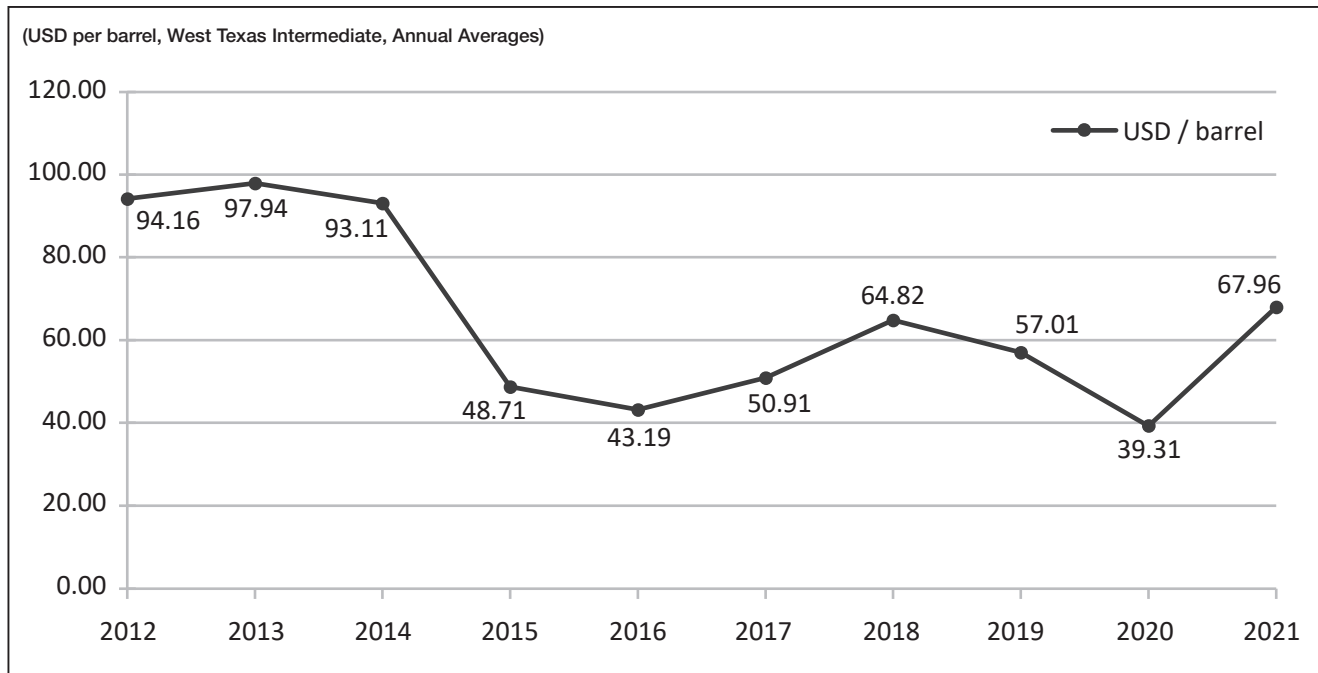
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
U.S.	1.7	1.4	1.5	2.7	3.3	2.5	2.4	2.9	2.2	-3.8
China	15.0	9.2	8.9	9.2	8.7	8.9	9.5	8.3	6.4	-2.5
<b>Japan</b>	<b>-0.5</b>	<b>2.0</b>	<b>2.6</b>	<b>-0.9</b>	<b>-0.2</b>	<b>-0.4</b>	<b>1.1</b>	<b>0.2</b>	<b>-0.5</b>	<b>-5.3</b>
Germany	1.8	1.5	0.4	1.1	1.9	2.4	1.4	1.4	1.6	-5.9
U.K.	-0.2	1.8	2.3	2.6	3.6	3.7	1.6	2.4	1.3	-10.6
S. Korea	2.9	1.7	1.7	2.0	2.2	2.6	2.8	3.2	2.1	-5.0

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.

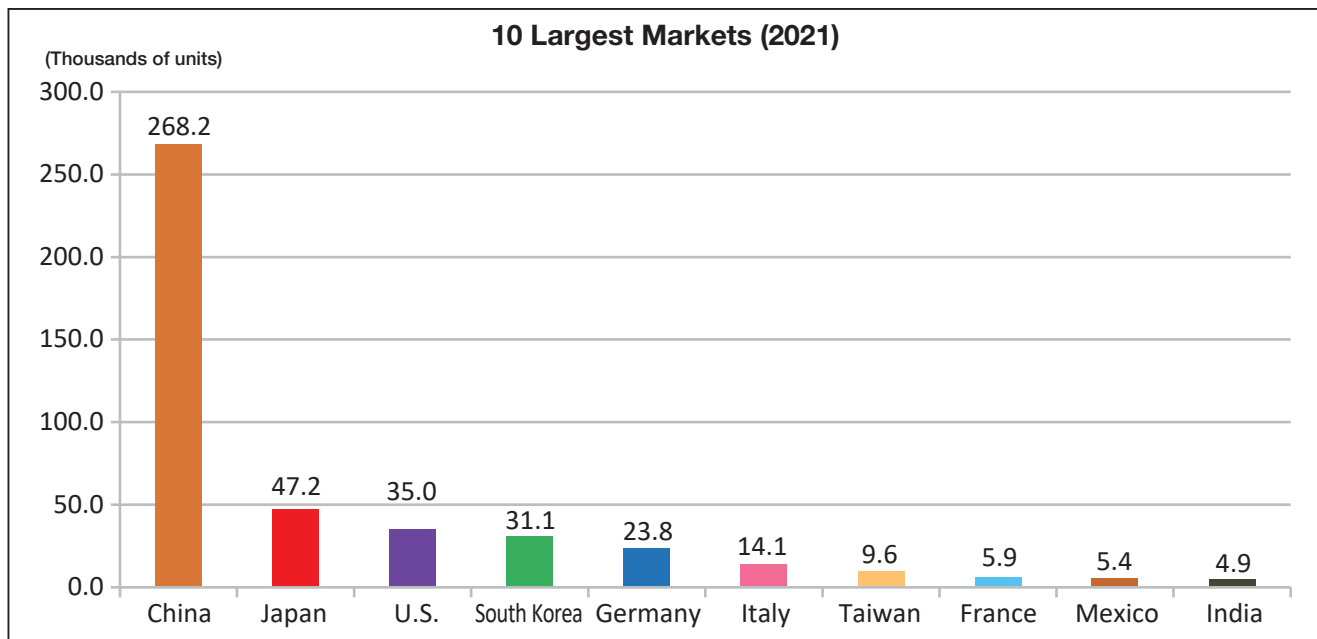
Source: World Bank <https://databank.worldbank.org/data/reports.aspx?source=2&series=NE.CON.PRVT.CD&country=#>

## 1-13 Crude Oil Price

## 原油価格



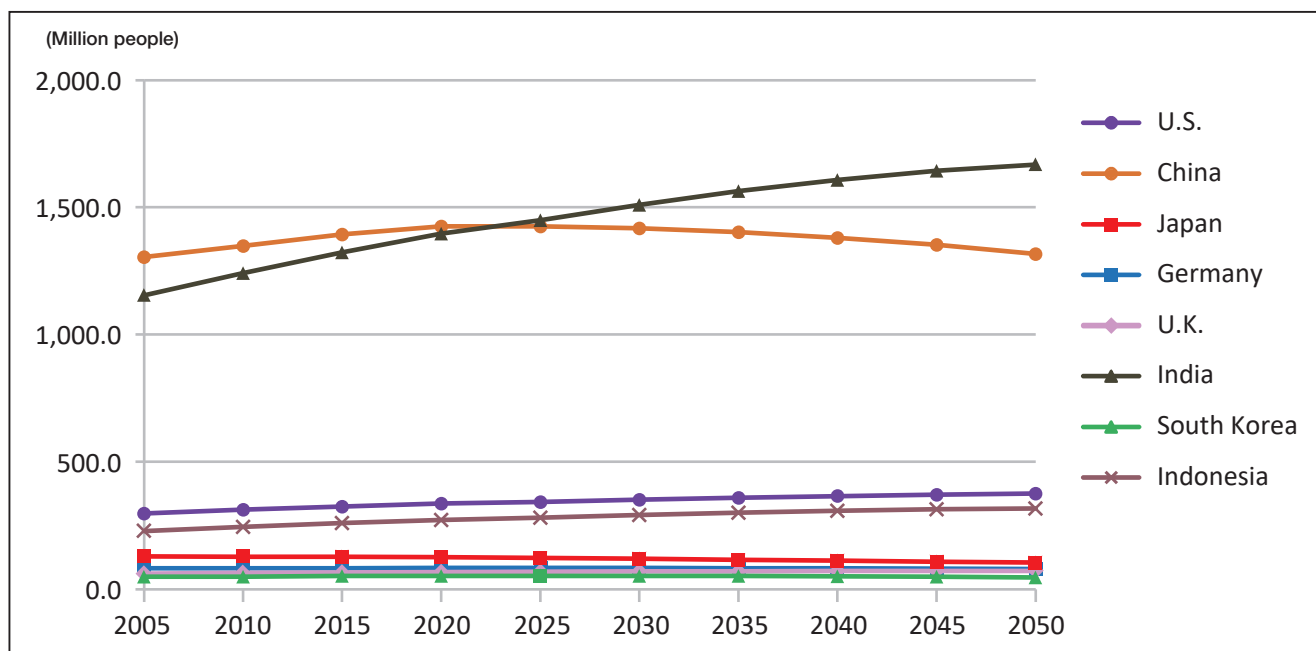
Source: World Bank <https://www.worldbank.org/en/research/commodity-markets>



Source: International Federation of Robotics (IFR), World Robotics 2022 <https://ifr.org/>

## 2-1 Population

人口



Note: Estimates from 2025 using medium fertility variant.

Source: UN World Population Prospects 2022 <https://population.un.org/wpp/Download/Standard/Population/>

## Population

(Million people)

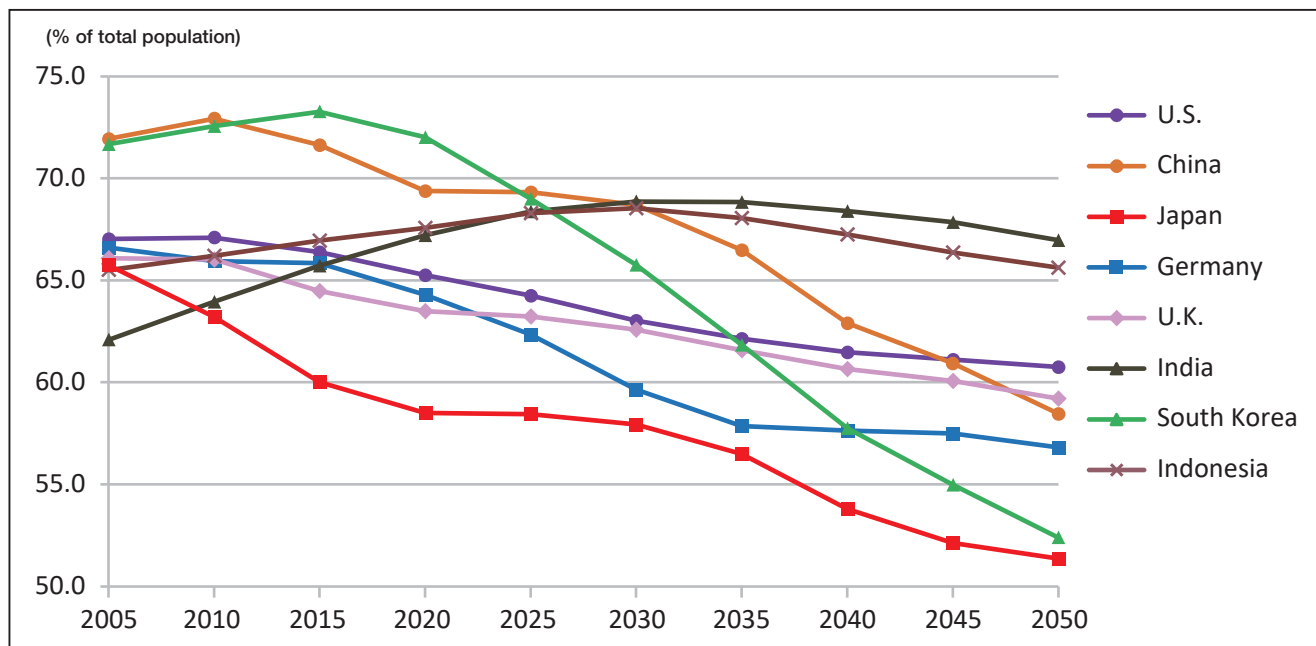
	2005	2010	2015	2020	2025	2030	2035	2040	2045	2050
U.S.	296.8	311.2	324.6	335.9	342.7	351.3	359.3	366.0	371.3	375.1
China	1,304.9	1,348.2	1,393.7	1,424.9	1,424.9	1,416.9	1,401.5	1,380.0	1,352.9	1,316.9
<b>Japan</b>	<b>127.8</b>	<b>128.1</b>	<b>127.3</b>	<b>125.2</b>	<b>122.3</b>	<b>118.9</b>	<b>115.3</b>	<b>111.5</b>	<b>107.8</b>	<b>104.1</b>
Germany	81.2	81.3	82.1	83.3	83.2	82.8	82.2	81.3	80.3	79.1
U.K.	60.4	62.8	65.2	67.1	68.1	69.1	69.9	70.6	71.2	71.7
India	1,154.6	1,240.6	1,322.9	1,396.4	1,448.2	1,509.3	1,563.0	1,607.8	1,642.9	1,668.5
S. Korea	47.9	48.8	51.0	51.8	51.7	51.3	50.6	49.5	47.9	46.0
Indonesia	228.8	244.0	259.1	271.9	280.9	291.2	300.1	307.5	313.2	317.0
World Total	6,558.2	6,985.6	7,426.6	7,841.0	8,155.6	8,511.7	8,847.2	9,158.7	9,441.3	9,687.4

Note: Estimates from 2025 using medium fertility variant.

Source: UN World Population Prospects 2022 <https://population.un.org/wpp/Download/Standard/Population/>

## 2-2 Population (Ages 15-64)

人口(15~64歳)



Note: Estimates from 2025 using medium fertility variant.

Source: UN World Population Prospects 2022 <https://population.un.org/wpp/Download/Standard/Population/>

## Population (Ages 15-64)

(Million people, % of total population)

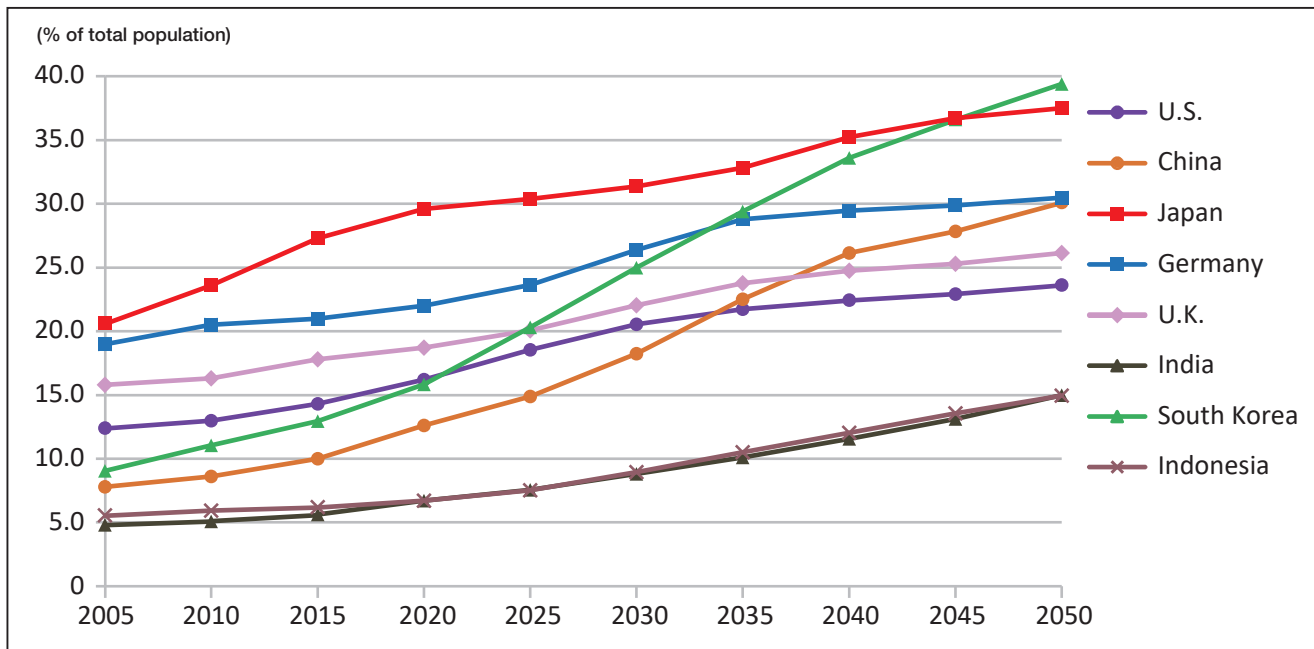
	2005	2010	2015	2020	2025	2030	2035	2040	2045	2050
U.S.	199.0 (67.0%)	208.8 (67.1%)	215.5 (66.4%)	219.3 (65.3%)	220.7 (64.2%)	222.0 (63.0%)	223.7 (62.1%)	225.4 (61.5%)	227.2 (61.1%)	228.1 (60.8%)
China	938.6 (71.9%)	983.2 (72.9%)	998.2 (71.6%)	988.6 (69.4%)	987.4 (69.3%)	972.5 (68.7%)	930.6 (66.5%)	866.6 (62.9%)	822.4 (60.9%)	767.4 (58.5%)
<b>Japan</b>	<b>84.0 (65.8%)</b>	<b>81.0 (63.2%)</b>	<b>76.3 (60.0%)</b>	<b>73.3 (58.5%)</b>	<b>71.3 (58.4%)</b>	<b>68.7 (57.9%)</b>	<b>64.9 (56.5%)</b>	<b>59.8 (53.8%)</b>	<b>56.0 (52.1%)</b>	<b>53.3 (51.4%)</b>
Germany	54.1 (66.6%)	53.6 (65.9%)	54.0 (65.8%)	53.6 (64.3%)	51.9 (62.3%)	49.4 (59.7%)	47.5 (57.8%)	46.8 (57.6%)	46.1 (57.5%)	44.8 (56.8%)
U.K.	39.9 (66.1%)	41.4 (66.0%)	42.1 (64.5%)	42.6 (63.5%)	43.1 (63.2%)	43.3 (62.6%)	43.1 (61.6%)	42.9 (60.7%)	42.8 (60.1%)	42.4 (59.2%)
India	716.9 (62.1%)	793.4 (64.0%)	869.5 (65.7%)	938.6 (67.2%)	994.7 (68.4%)	1043.4 (68.9%)	1079.1 (68.8%)	1102.2 (68.4%)	1116.6 (67.8%)	1118.8 (67.0%)
S. Korea	34.3 (71.7%)	35.4 (72.6%)	37.4 (73.3%)	37.3 (72.0%)	35.7 (69.0%)	33.7 (65.8%)	31.2 (61.8%)	28.5 (57.8%)	26.2 (55.0%)	24.0 (52.4%)
Indonesia	149.9 (65.5%)	161.5 (66.2%)	173.4 (66.9%)	183.7 (67.6%)	192.6 (68.3%)	200.2 (68.5%)	204.8 (68.1%)	207.2 (67.2%)	208.1 (66.4%)	208.1 (65.6%)

Note: Estimates from 2025 using medium fertility variant.

Source: UN World Population Prospects 2022 <https://population.un.org/wpp/Download/Standard/Population/>

## 2-3 Population (Ages 65 and Older)

人口 (65歳以上)



Note: Estimates from 2025 using medium fertility variant.

Source: UN World Population Prospects 2022 <https://population.un.org/wpp/Download/Standard/Population/>

## Population (Ages 65 and Older)

(Million people, % of total population)

	2005	2010	2015	2020	2025	2030	2035	2040	2045	2050
U.S.	36.7 (12.4%)	40.5 (13.0%)	46.5 (14.3%)	54.5 (16.2%)	63.7 (18.5%)	72.3 (20.5%)	78.2 (21.7%)	82.2 (22.4%)	85.2 (22.9%)	88.7 (23.6%)
China	102.1 (7.8%)	116.2 (8.6%)	139.7 (10.0%)	179.5 (12.6%)	212.0 (14.9%)	258.0 (18.2%)	315.2 (22.5%)	360.3 (26.2%)	375.8 (27.8%)	395.0 (30.1%)
<b>Japan</b>	<b>26.3 (20.6%)</b>	<b>30.2 (23.6%)</b>	<b>34.8 (27.3%)</b>	<b>37.1 (29.6%)</b>	<b>37.1 (30.4%)</b>	<b>37.2 (31.4%)</b>	<b>37.7 (32.8%)</b>	<b>39.1 (35.2%)</b>	<b>39.4 (36.7%)</b>	<b>38.9 (37.5%)</b>
Germany	15.4 (19.0%)	16.6 (20.5%)	17.2 (21.0%)	18.3 (22.0%)	19.7 (23.6%)	21.8 (26.4%)	23.6 (28.8%)	23.9 (29.5%)	23.9 (29.9%)	24.1 (30.5%)
U.K.	9.6 (15.8%)	10.3 (16.3%)	11.6 (17.8%)	12.6 (18.7%)	13.7 (20.1%)	15.2 (22.0%)	16.6 (23.8%)	17.5 (24.8%)	18.0 (25.3%)	18.7 (26.1%)
India	55.3 (4.8%)	62.8 (5.1%)	74.6 (5.6%)	93.2 (6.7%)	109.9 (7.6%)	133.5 (8.8%)	158.6 (10.1%)	186.3 (11.6%)	216.1 (13.1%)	250.3 (15.0%)
S. Korea	4.3 (9.1%)	5.4 (11.0%)	6.6 (13.0%)	8.2 (15.8%)	10.5 (20.3%)	12.8 (25.0%)	14.9 (29.4%)	16.5 (33.6%)	17.5 (36.6%)	18.0 (39.4%)
Indonesia	12.7 (5.6%)	14.5 (5.9%)	16.0 (6.2%)	18.2 (6.7%)	21.2 (7.5%)	26.2 (9.0%)	31.6 (10.5%)	37.1 (12.0%)	42.5 (13.5%)	47.5 (15.0%)

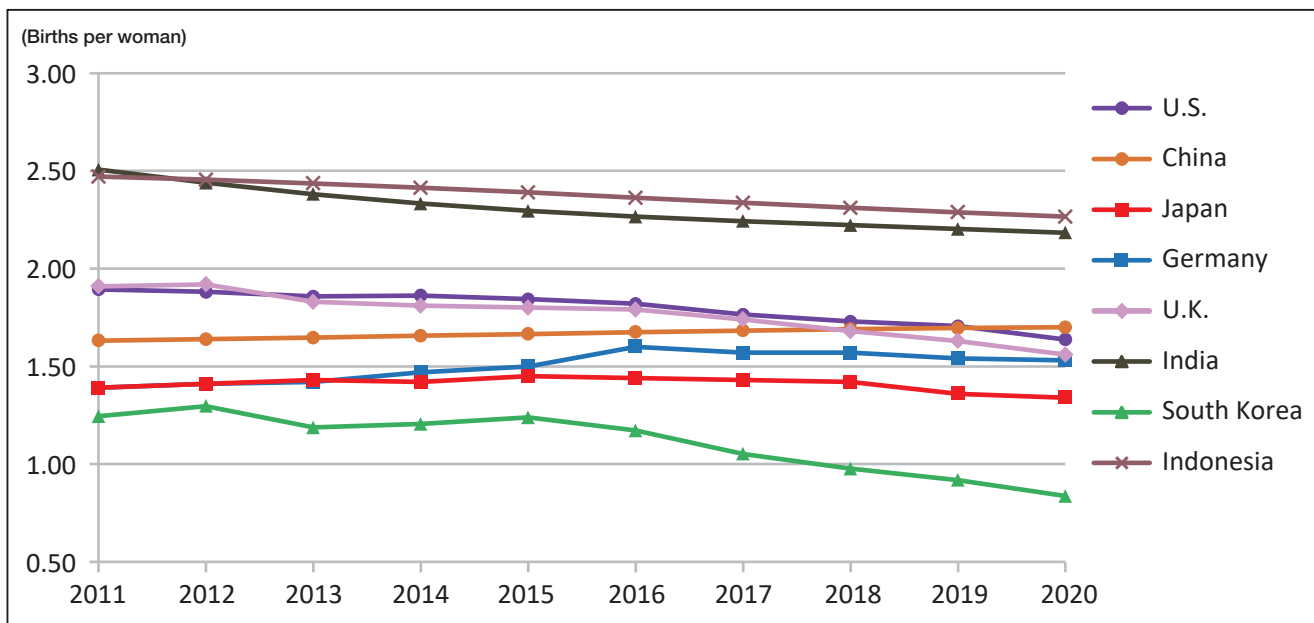
Note: Estimates from 2025 using medium fertility variant.

Source: UN World Population Prospects 2022 <https://population.un.org/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)

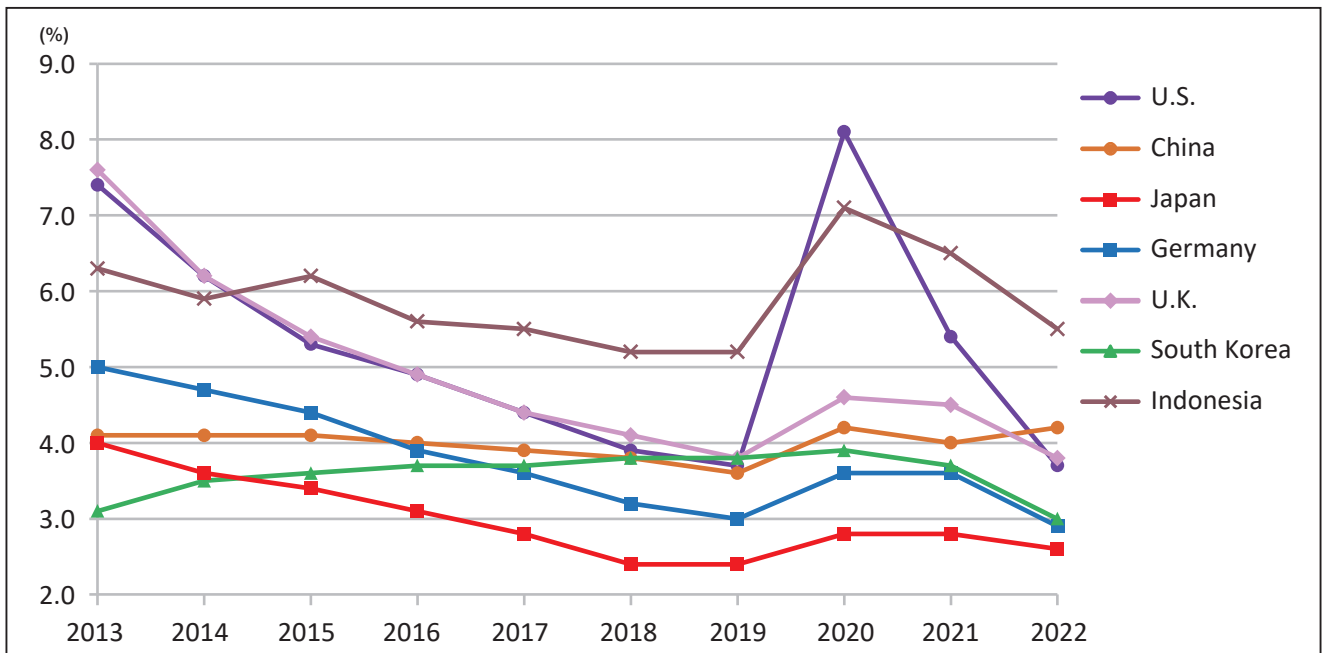
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
U.S.	1.89	1.88	1.86	1.86	1.84	1.82	1.77	1.73	1.71	1.64
China	1.63	1.64	1.65	1.66	1.67	1.68	1.68	1.69	1.70	1.70
<b>Japan</b>	<b>1.39</b>	<b>1.41</b>	<b>1.43</b>	<b>1.42</b>	<b>1.45</b>	<b>1.44</b>	<b>1.43</b>	<b>1.42</b>	<b>1.36</b>	<b>1.34</b>
Germany	1.39	1.41	1.42	1.47	1.50	1.60	1.57	1.57	1.54	1.53
U.K.	1.91	1.92	1.83	1.81	1.80	1.79	1.74	1.68	1.63	1.56
India	2.51	2.44	2.38	2.33	2.30	2.27	2.24	2.22	2.20	2.18
S. Korea	1.24	1.30	1.19	1.21	1.24	1.17	1.05	0.98	0.92	0.84
Indonesia	2.47	2.46	2.44	2.41	2.39	2.36	2.34	2.31	2.29	2.27

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 World Economic Outlook Database, October 2022 <https://www.imf.org/external/datamapper/LUR@WEO/OEMDC/ADVEC/WEOORLD>

## Unemployment Rate

(%)

	2013	2014	2015	2016	2017	2018	2019	2020	2021	*2022
U.S.	7.4	6.2	5.3	4.9	4.4	3.9	3.7	8.1	5.4	3.7
China	4.1	4.1	4.1	4.0	3.9	3.8	3.6	4.2	*4.0	4.2
<b>Japan</b>	<b>4.0</b>	<b>3.6</b>	<b>3.4</b>	<b>3.1</b>	<b>2.8</b>	<b>2.4</b>	<b>2.4</b>	<b>2.8</b>	<b>2.8</b>	<b>2.6</b>
Germany	5.0	4.7	4.4	3.9	3.6	3.2	3.0	3.6	3.6	2.9
U.K.	7.6	6.2	5.4	4.9	4.4	4.1	3.8	4.6	4.5	3.8
S. Korea	3.1	3.5	3.6	3.7	3.7	3.8	3.8	3.9	3.7	3.0
Indonesia	6.3	5.9	6.2	5.6	5.5	5.2	5.2	7.1	6.5	5.5

\* Estimate

Source: IMF World Economic Outlook Database, October 2022 <https://www.imf.org/external/datamapper/LUR@WEO/OEMDC/ADVEC/WEOORLD>

## 2-6 Employment Rate by Age and Gender

## 年齢・性別雇用率

(%)

Age	Country	Gender	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
15-24	U.S.	Female	45.4	46.0	47.1	48.2	48.8	49.9	50.3	51.1	45.3	49.7
		Male	46.6	46.9	48.2	49.0	50.1	50.8	50.6	51.3	46.4	50.6
	Japan	Female	<b>38.9</b>	<b>40.6</b>	<b>40.9</b>	<b>40.7</b>	<b>42.6</b>	<b>43.0</b>	<b>46.8</b>	<b>48.4</b>	<b>47.2</b>	<b>47.7</b>
		Male	<b>37.8</b>	<b>38.6</b>	<b>39.3</b>	<b>39.9</b>	<b>41.6</b>	<b>41.7</b>	<b>44.6</b>	<b>45.9</b>	<b>45.0</b>	<b>45.4</b>
	Germany	Female	43.9	44.6	43.8	43.4	43.9	44.9	44.8	B 45.5	U 45.3	46.1
		Male	48.0	47.8	47.1	45.9	46.3	46.8	48.1	B 50.0	U 49.0	51.1
25-54	U.S.	Female	69.2	69.3	70.0	70.3	71.1	72.1	72.8	73.7	69.6	71.7
		Male	82.5	82.8	83.6	84.4	85.0	85.4	86.2	86.4	81.8	83.6
	Japan	Female	<b>69.2</b>	<b>70.9</b>	<b>72.0</b>	<b>72.8</b>	<b>74.1</b>	<b>75.6</b>	<b>77.5</b>	<b>78.9</b>	<b>78.6</b>	<b>78.9</b>
		Male	<b>91.6</b>	<b>91.8</b>	<b>92.2</b>	<b>92.2</b>	<b>92.7</b>	<b>93.1</b>	<b>93.7</b>	<b>93.9</b>	<b>93.4</b>	<b>92.9</b>
	Germany	Female	77.2	77.6	77.8	78.2	78.7	79.0	79.6	B 80.1	U 78.4	80.7
		Male	87.2	87.0	86.9	87.0	86.9	87.2	87.9	B 88.4	U 86.5	88.2
55-64	U.S.	Female	56.1	56.2	56.3	56.4	56.5	57.1	57.5	58.0	54.8	56.7
		Male	65.5	66.0	66.8	67.1	67.5	68.4	69.1	69.8	66.2	67.4
	Japan	Female	<b>52.5</b>	<b>54.3</b>	<b>56.1</b>	<b>58.0</b>	<b>59.7</b>	<b>62.1</b>	<b>64.5</b>	<b>66.3</b>	<b>66.7</b>	<b>67.1</b>
		Male	<b>78.9</b>	<b>79.9</b>	<b>81.6</b>	<b>82.5</b>	<b>83.6</b>	<b>85.2</b>	<b>86.5</b>	<b>87.1</b>	<b>87.3</b>	<b>87.2</b>
	Germany	Female	54.2	56.8	59.1	60.3	62.6	64.5	65.9	B 67.4	U 67.8	67.8
		Male	67.6	68.9	70.3	70.3	72.7	74.0	75.0	B 76.0	U 75.4	76.0

B Break in series. U Low reliability.

Note: Series break between 2019 and 2020 due to technical issues with the new German system of integrated household surveys.

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

(%)

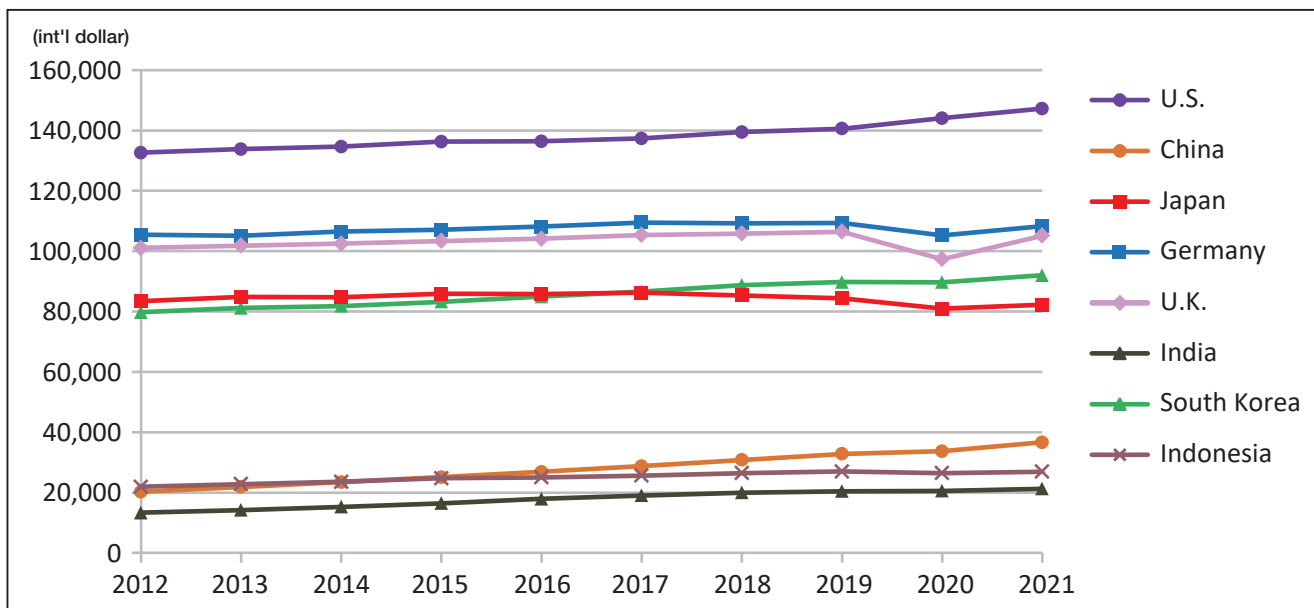
Age	Country	Gender	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
15-24	U.S.	Female	44.4	42.5	43.2	42.1	42.1	41.8	40.6	40.0	39.5	38.7
		Male	32.5	32.6	31.3	32.4	31.7	30.8	30.4	30.3	30.2	28.8
	Japan	Female	<b>31.4</b>	<b>33.6</b>	<b>35.2</b>	<b>35.2</b>	<b>35.6</b>	<b>36.2</b>	<b>39.7</b>	<b>42.5</b>	<b>42.1</b>	<b>42.0</b>
		Male	<b>28.5</b>	<b>29.2</b>	<b>29.9</b>	<b>29.9</b>	<b>30.6</b>	<b>31.6</b>	<b>34.8</b>	<b>36.7</b>	<b>37.6</b>	<b>37.6</b>
	Germany	Female	24.5	25.5	25.2	26.4	27.1	27.6	28.5	29.3	30.8	31.0
		Male	15.5	17.1	16.7	17.4	18.3	19.2	18.9	19.9	20.9	21.3
25-54	U.S.	Female	13.1	12.8	12.8	12.3	12.4	11.7	11.4	11.1	10.3	10.2
		Male	4.0	4.2	4.0	3.7	3.7	3.5	3.5	3.4	3.5	3.3
	Japan	Female	<b>30.6</b>	<b>32.1</b>	<b>33.1</b>	<b>32.5</b>	<b>32.4</b>	<b>31.6</b>	<b>32.7</b>	<b>33.1</b>	<b>33.1</b>	<b>32.5</b>
		Male	<b>4.4</b>	<b>4.9</b>	<b>5.4</b>	<b>5.3</b>	<b>4.9</b>	<b>4.5</b>	<b>5.2</b>	<b>6.2</b>	<b>7.2</b>	<b>7.2</b>
	Germany	Female	38.2	37.9	37.0	36.7	36.0	35.8	35.1	34.7	34.9	33.7
		Male	5.6	5.8	5.9	5.9	5.8	6.0	5.9	6.0	6.4	6.7
55-64	U.S.	Female	16.1	15.2	15.5	15.2	14.9	14.4	14.5	13.5	12.8	13.0
		Male	6.3	6.1	5.8	5.6	6.0	5.7	5.6	5.3	4.9	5.1
	Japan	Female	<b>41.5</b>	<b>43.2</b>	<b>43.7</b>	<b>42.5</b>	<b>42.4</b>	<b>42.1</b>	<b>43.2</b>	<b>43.6</b>	<b>44.1</b>	<b>43.3</b>
		Male	<b>10.9</b>	<b>12.1</b>	<b>12.5</b>	<b>11.6</b>	<b>10.8</b>	<b>9.5</b>	<b>9.9</b>	<b>11.1</b>	<b>11.7</b>	<b>11.3</b>
	Germany	Female	41.9	42.2	41.4	41.1	40.9	40.6	40.6	40.2	40.4	40.2
		Male	9.2	9.2	9.3	9.2	9.1	9.0	8.5	8.4	8.8	8.1

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

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

## 2-8 Labor Productivity

## 労働生産性



Notes: Labor productivity per person employed in 2021 international dollars, converted using Purchasing Power Parities.  
 Chinese data is based on official data. An int'l dollar in a country is comparable to the amount of goods and services a USD would buy in the U.S.  
 Source: The Conference Board Total Economy Database™, April 2022. Reprinted with permission of The Conference Board.  
<https://www.conference-board.org/data/economydatabase/total-economy-database-archive>

## Labor Productivity

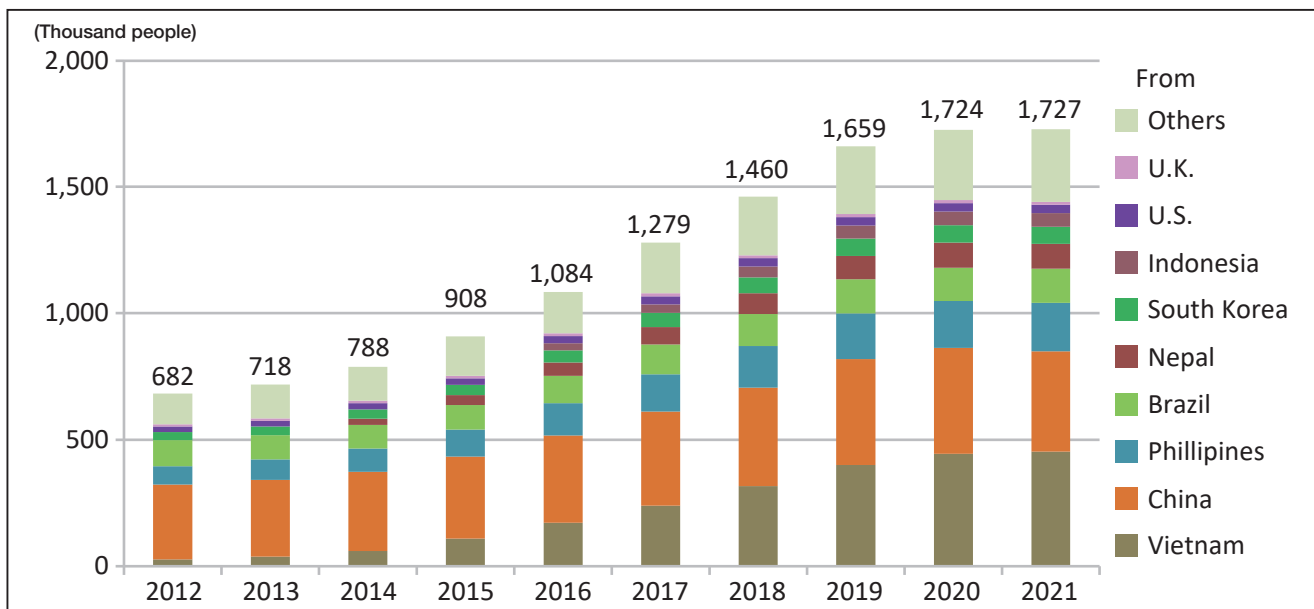
(int'l dollar)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
U.S.	132,642	133,783	134,659	136,281	136,430	137,358	139,465	140,590	144,077	147,259
China	20,295	21,864	23,467	25,120	26,854	28,778	30,817	32,812	33,705	36,636
<b>Japan</b>	<b>83,470</b>	<b>84,798</b>	<b>84,703</b>	<b>85,907</b>	<b>85,743</b>	<b>86,274</b>	<b>85,280</b>	<b>84,320</b>	<b>80,941</b>	<b>82,227</b>
Germany	105,471	105,105	106,494	107,078	108,115	109,532	109,223	109,377	105,239	108,230
U.K.	101,115	101,839	102,463	103,365	104,177	105,360	105,837	106,427	97,362	105,133
India	13,309	14,199	15,253	16,441	17,946	19,044	19,958	20,439	20,565	21,253
S. Korea	79,753	81,156	81,821	83,218	84,920	86,569	88,762	89,748	89,706	92,023
Indonesia	21,923	22,786	23,589	24,756	25,035	25,666	26,460	26,977	26,484	26,916

Notes: Labor productivity per person employed in 2021 international dollars, converted using Purchasing Power Parities.  
 Chinese data is based on official data. An int'l dollar in a country is comparable to the amount of goods and services a USD would buy in the U.S.  
 Source: The Conference Board Total Economy Database™, April 2022. Reprinted with permission of The Conference Board.  
<https://www.conference-board.org/data/economydatabase/total-economy-database-archive>

## 2-9 Foreign Workers in Japan

外国人労働者数



Notes: Includes workers of professional technical fields, designated activities, extra-status activities (student) and long-term/permanent residents.  
China includes the special administrative regions, Hong Kong and Macao.

Others include Nepal (from 2012 to 2013) and Indonesia (from 2012 to 2015).

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

## Foreign Workers in Japan

(Thousand people)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Vietnam	27	38	61	110	172	240	317	401	444	453
China	296	304	312	323	345	372	389	418	419	397
Phillipines	73	80	92	107	128	147	164	180	185	191
Brazil	102	96	94	97	107	117	127	135	131	135
Nepal	N/A		24	39	53	69	82	92	100	98
S. Korea	32	34	37	41	48	56	63	69	69	68
Indonesia	N/A				28	34	42	51	53	53
U.S.	22	23	25	26	29	32	33	34	34	33
U.K.	9	9	9	10	11	12	12	12	12	12
Others	*121	*134	*134	*155	163	200	231	267	277	287
Total	682	718	788	908	1,084	1,279	1,460	1,659	1,724	1,727

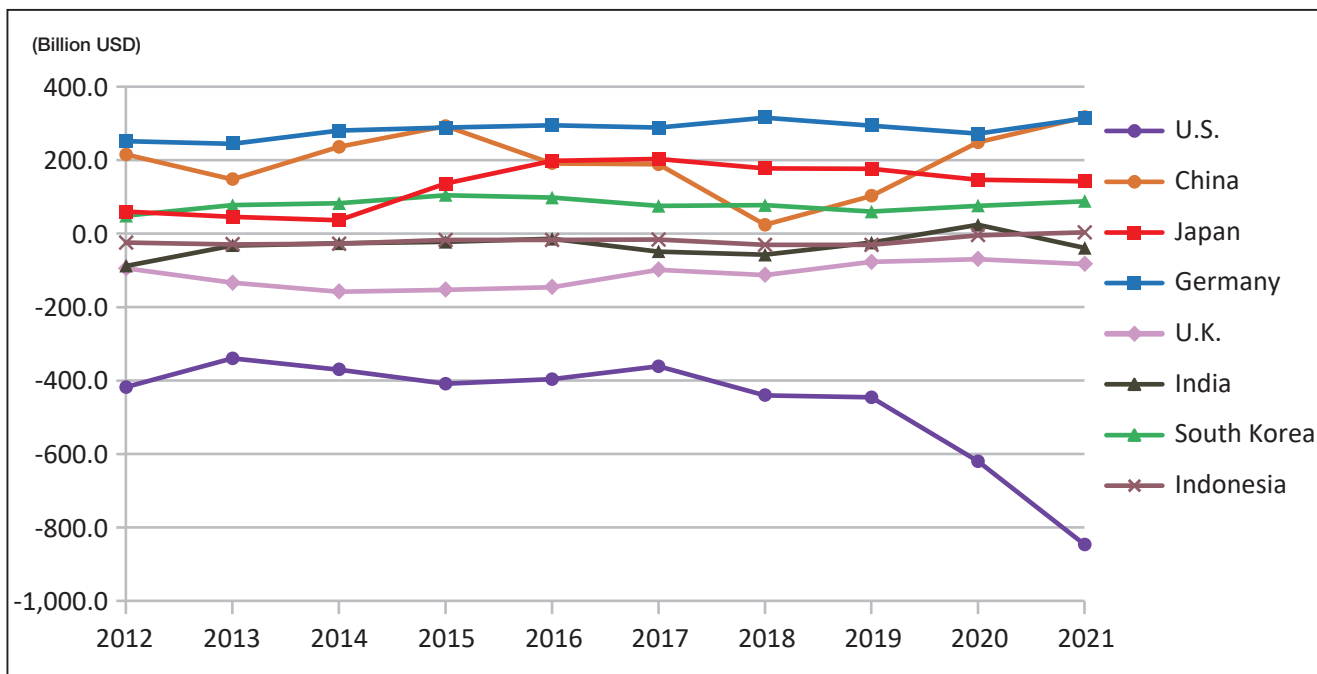
Notes: Includes workers of professional technical fields, designated activities, extra-status activities (students) and long-term/permanent residents.  
China includes the special administrative regions, Hong Kong and Macao.

\* Others include Nepal (from 2012 to 2013) and Indonesia (from 2012 to 2015).

Source: Ministry of Health, Labor and Welfare [https://www.mhlw.go.jp/stf/seisakunitsuite/bunya/koyou\\_roudou/koyou/gaikokujin/gaikokujin-koyou/06.html](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 <https://www.imf.org/en/Publications/WEO/weo-database/2022/October>

## Current Account Balance

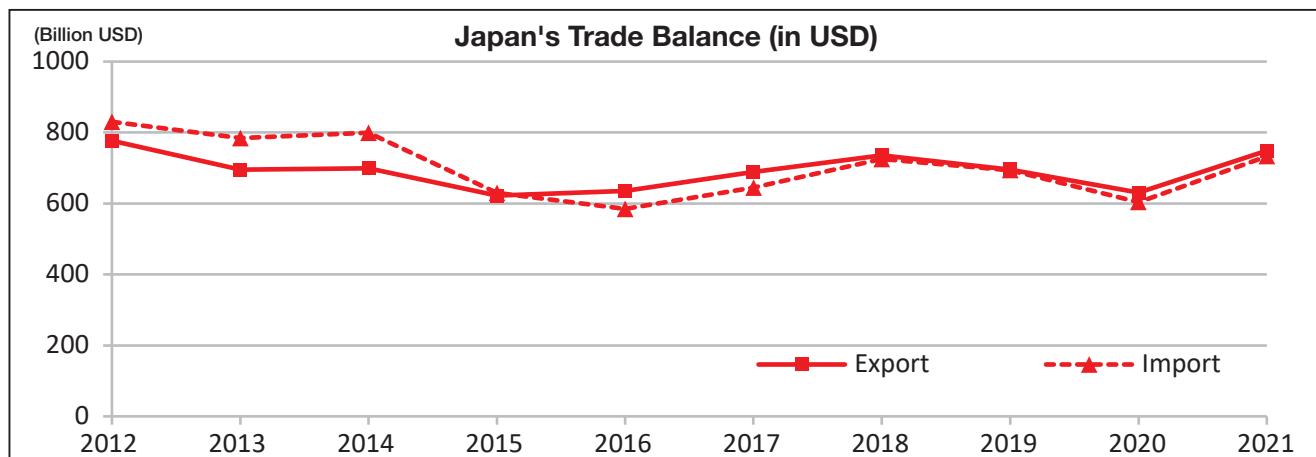
(Billion USD)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
U.S.	-418.2	-339.5	-370.1	-408.5	-396.2	-361.0	-439.8	-446.0	-619.7	-846.4
China	215.4	148.2	236.0	293.0	191.3	188.7	24.1	102.9	248.8	317.3
<b>Japan</b>	<b>59.7</b>	<b>46.0</b>	<b>36.8</b>	<b>136.4</b>	<b>197.8</b>	<b>203.5</b>	<b>177.8</b>	<b>176.3</b>	<b>146.9</b>	<b>142.2</b>
Germany	251.6	244.8	280.3	288.8	295.1	288.9	316.3	294.3	272.5	313.6
U.K.	-94.6	-133.8	-157.9	-152.7	-145.6	-98.1	-112.6	-76.8	-69.0	-82.5
India	-87.8	-32.3	-26.8	-22.1	-14.4	-48.7	-57.2	-24.5	24.0	-38.7
S. Korea	48.8	77.3	83.0	105.1	97.9	75.2	77.5	59.7	75.9	88.3
Indonesia	-24.4	-29.1	-27.5	-17.5	-17.0	-16.2	-30.6	-30.3	-4.4	3.4

Source : IMF <https://www.imf.org/en/Publications/WEO/weo-database/2022/October>

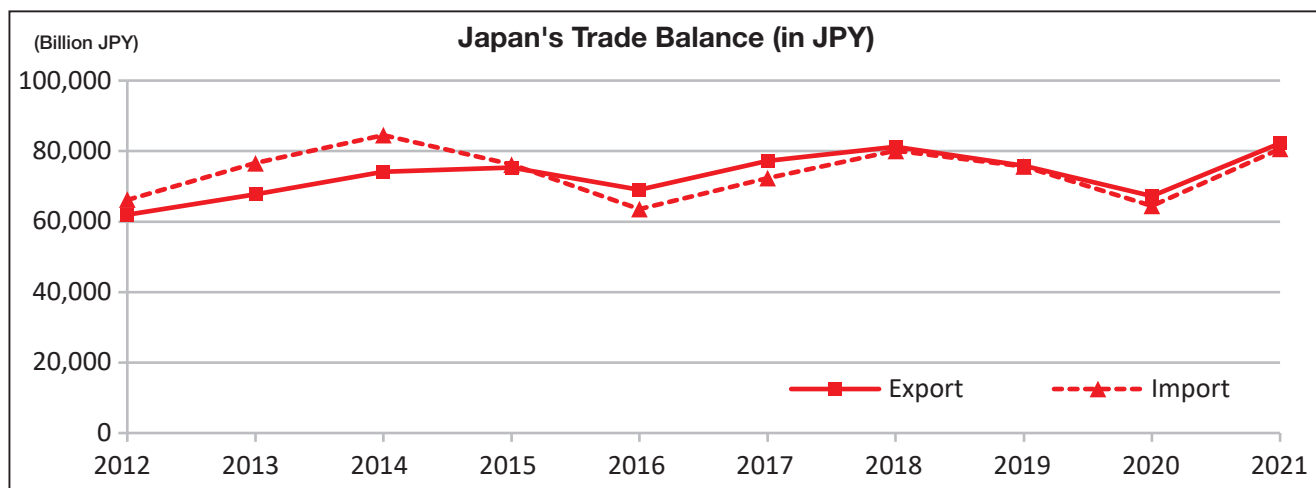
## 3-2 Trade Balance (Japan)

貿易収支(日本)



(Billion USD)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Export	777	695	699	622	636	689	736	695	631	749
Import	830	785	799	629	585	645	725	694	604	733
Balance	-53	-90	-100	-7	51	44	11	1	27	16

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

(Billion JPY)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Export	61,957	67,829	74,075	75,274	69,093	77,254	81,226	75,775	67,263	82,284
Import	66,229	76,602	84,540	76,160	63,575	72,342	80,100	75,625	64,485	80,614
Balance	-4,272	-8,773	-10,465	-886	5,518	4,911	1,127	150	2,778	1,670

Source: Ministry of Finance [https://www.mof.go.jp/international\\_policy/reference/balance\\_of\\_payments/bpnet.htm](https://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

(Billion JPY)

## Exports

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
World	63,747.6	69,774.2	73,093.0	75,613.9	70,035.8	78,286.5	81,478.8	76,931.7	68,399.1	83,091.4
1	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	U.S. 15,254.5	China 15,082.0	China 17,984.4
2	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	China 14,681.9	U.S. 12,610.8	U.S. 14,831.5
3	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	S. Korea 5,043.8	S. Korea 4,766.5	Taiwan 5,988.1
4	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	Taiwan 4,688.5	Taiwan 4,739.1	S. Korea 5,769.6
5	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	Hong Kong 3,665.4	Hong Kong 3,414.6	Hong Kong 3,890.4
6	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	Thailand 3,290.6	Thailand 2,722.6	Thailand 3,624.6
7	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	Germany 2,205.1	Singapore 1,887.6	Germany 2,279.1
8	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	Singapore 2,198.8	Germany 1,875.2	Singapore 2,200.6
9	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	Vietnam 1,797.1	Vietnam 1,825.8	Vietnam 2,096.8
10	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	Australia 1,579.8	Malaysia 1,343.5	Malaysia 1,713.7

Source: Ministry of Finance [https://www.customs.go.jp/toukei/suii/html/time\\_latest.htm](https://www.customs.go.jp/toukei/suii/html/time_latest.htm)

(Billion JPY)

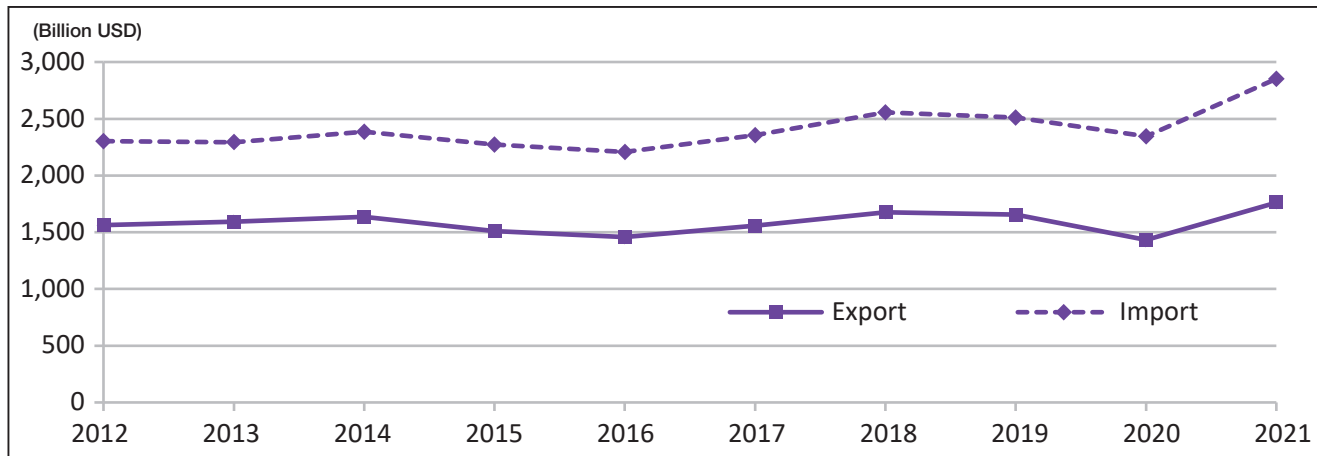
## Imports

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
World	70,688.6	81,242.5	85,909.1	78,405.5	66,042.0	75,379.2	82,703.3	78,599.5	68,010.8	84,875.0
1	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	China 18,453.7	China 17,507.7	China 20,381.8
2	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	U.S. 8,640.2	U.S. 7,453.6	U.S. 8,915.6
3	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	Australia 4,957.6	Australia 3,831.3	Australia 5,753.3
4	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	S. Korea 3,227.1	Taiwan 2,862.9	Taiwan 3,678.2
5	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	Saudi Arabia 3,015.8	S. Korea 2,841.6	S. Korea 3,521.3
6	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	Taiwan 2,927.6	Thailand 2,540.1	Saudi Arabia 3,019.4
7	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	UAE 2,855.5	Vietnam 2,355.1	UAE 2,978.0
8	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	Thailand 2,765.1	Germany 2,276.3	Thailand 2,893.1
9	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	Germany 2,722.6	Saudi Arabia 1,969.6	Germany 2,603.0
10	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	Vietnam 2,450.9	UAE 1,750.2	Vietnam 2,525.5

Source: Ministry of Finance [https://www.customs.go.jp/toukei/suii/html/time\\_latest.htm](https://www.customs.go.jp/toukei/suii/html/time_latest.htm)

## 3-4 Trade Balance (U.S.)

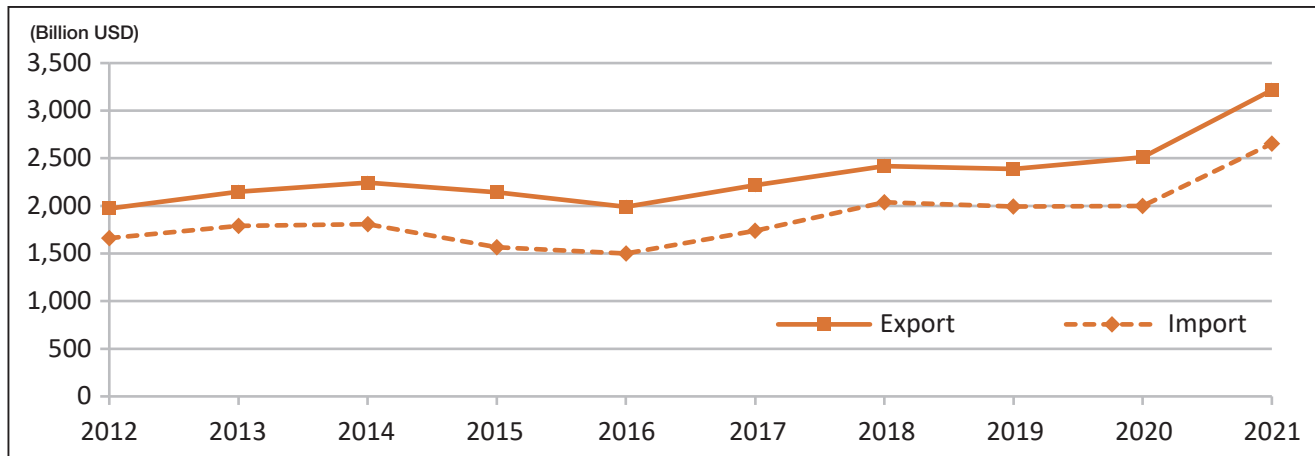
## 貿易収支(米国)



(Billion USD)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Export	1,563	1,594	1,636	1,511	1,457	1,557	1,677	1,655	1,432	1,761
Import	2,304	2,294	2,385	2,273	2,207	2,356	2,556	2,512	2,346	2,852
Balance	-741	-701	-750	-762	-750	-799	-879	-857	-914	-1,090

Source: IMF <https://data.imf.org/?sk=7A51304B-6426-40C0-83DD-CA473CA1FD52&slid=1542633711584>



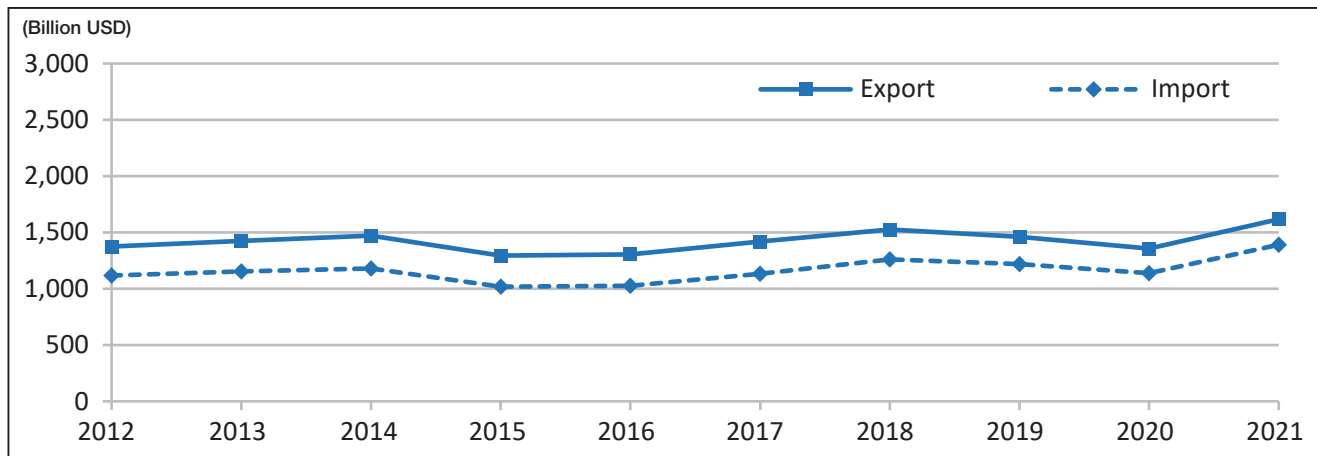
(Billion USD)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Export	1,974	2,149	2,244	2,143	1,990	2,216	2,417	2,387	2,510	3,216
Import	1,662	1,790	1,809	1,567	1,501	1,740	2,037	1,994	1,999	2,653
Balance	312	359	435	576	489	476	380	393	511	563

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

## 3-6 Trade Balance (Germany)

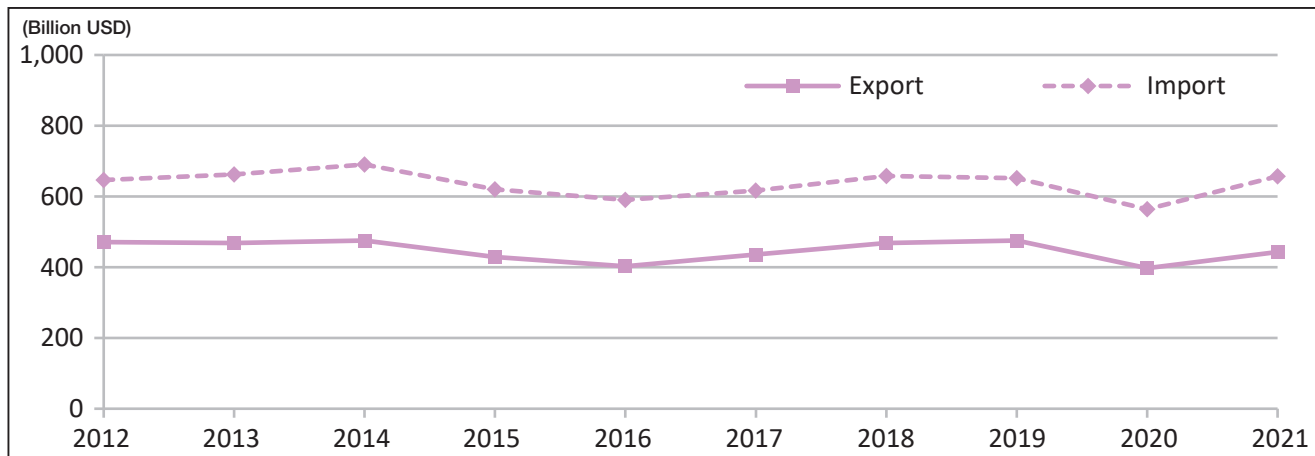
## 貿易収支(ドイツ)



(Billion USD)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Export	1,374	1,423	1,470	1,294	1,305	1,420	1,525	1,460	1,357	1,617
Import	1,117	1,152	1,179	1,019	1,025	1,132	1,261	1,219	1,139	1,389
Balance	256	271	291	276	280	288	263	241	218	228

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



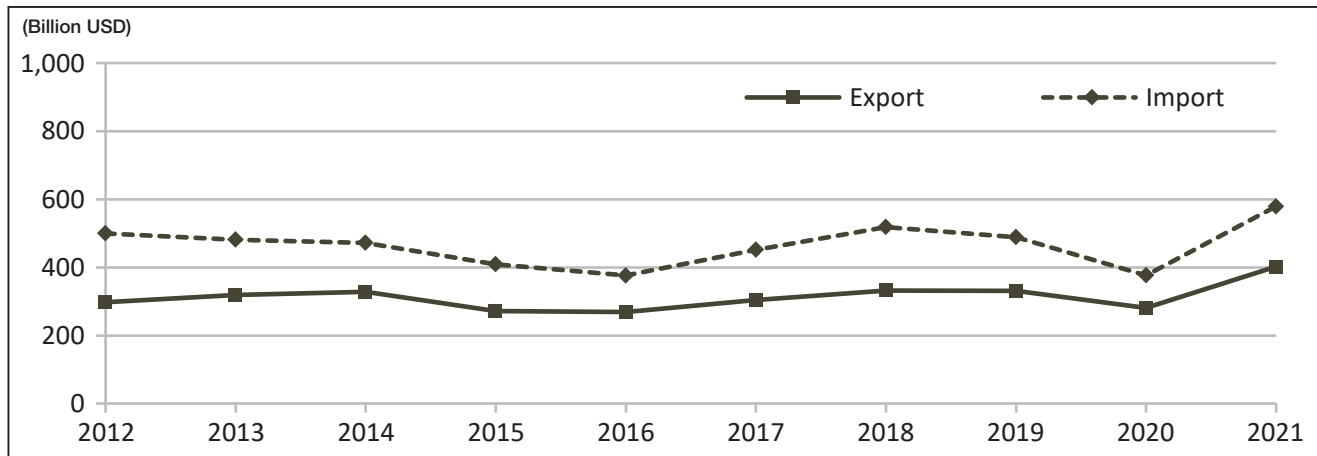
(Billion USD)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Export	471	468	475	428	403	435	468	475	397	442
Import	647	662	690	620	591	616	658	652	564	657
Balance	-175	-194	-215	-192	-188	-181	-190	-177	-167	-214

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

## 3-8 Trade Balance (India)

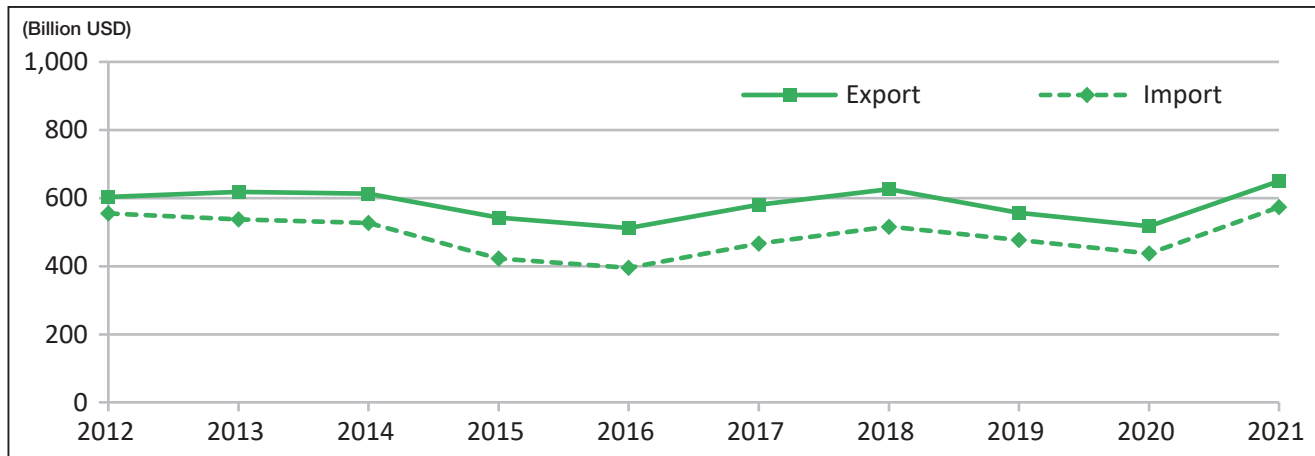
## 貿易収支(インド)



(Billion USD)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Export	298	319	328	272	269	304	332	331	282	402
Import	500	482	472	409	376	452	519	489	377	579
Balance	-202	-163	-144	-137	-107	-148	-187	-158	-95	-177

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



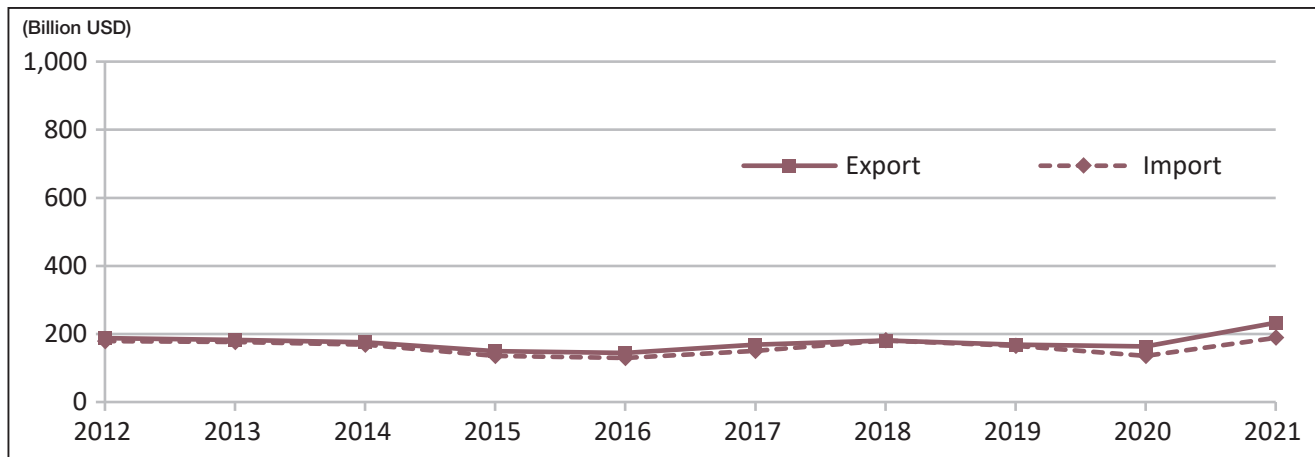
(Billion USD)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Export	604	618	613	543	512	580	626	557	518	650
Import	555	538	527	423	395	467	516	477	437	574
Balance	49	80	86	120	116	114	110	80	81	76

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

## 3-10 Trade Balance (Indonesia)

## 貿易収支(インドネシア)

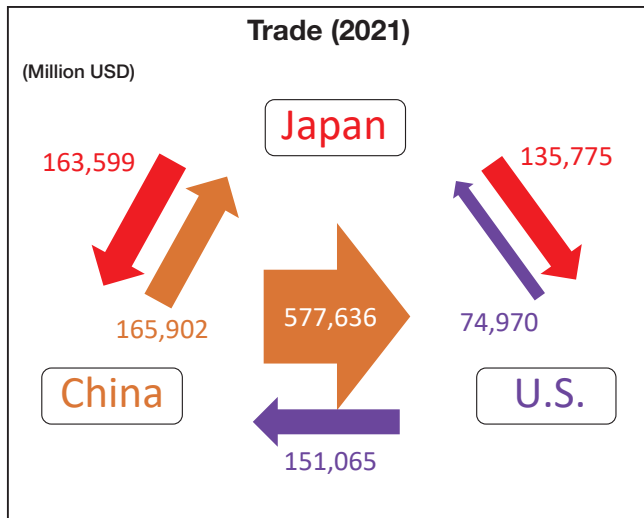


(Billion USD)

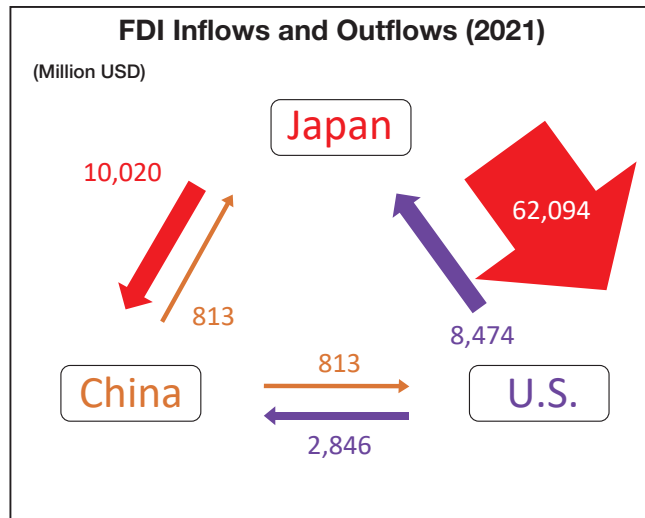
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Export	187	182	175	149	144	169	181	168	163	233
Import	179	176	168	135	129	150	181	165	135	189
Balance	9	6	7	14	15	19	0	4	28	44

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





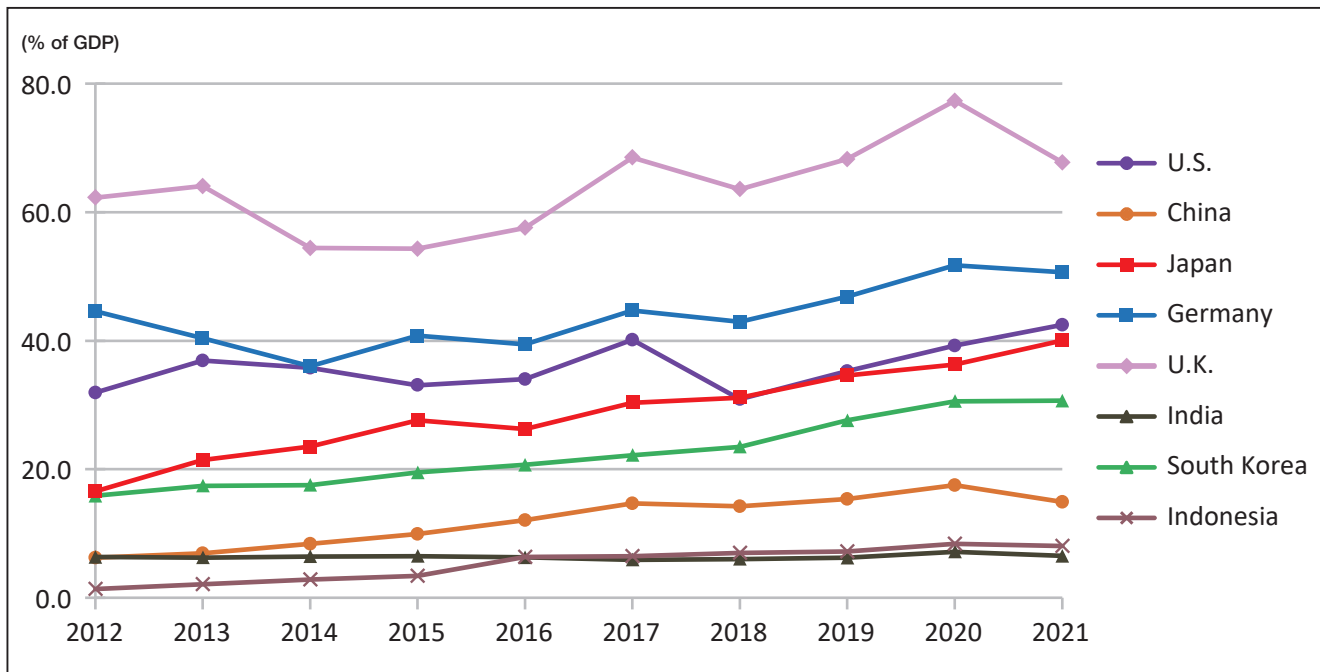
Source: IMF data compiled by JETRO.  
<https://www.jetro.go.jp/world/gtir/2022.html>



Sources: U.S. Department of Commerce  
 Ministry of Finance data compiled by JETRO.  
<https://www.jetro.go.jp/world/gtir/2022.html>  
[https://www.jetro.go.jp/world/n\\_america/us/gtir.html](https://www.jetro.go.jp/world/n_america/us/gtir.html)

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

對外直接投資殘高

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

## Outward Foreign Direct Investment (FDI) (Stock)

(Billion USD, % of GDP)

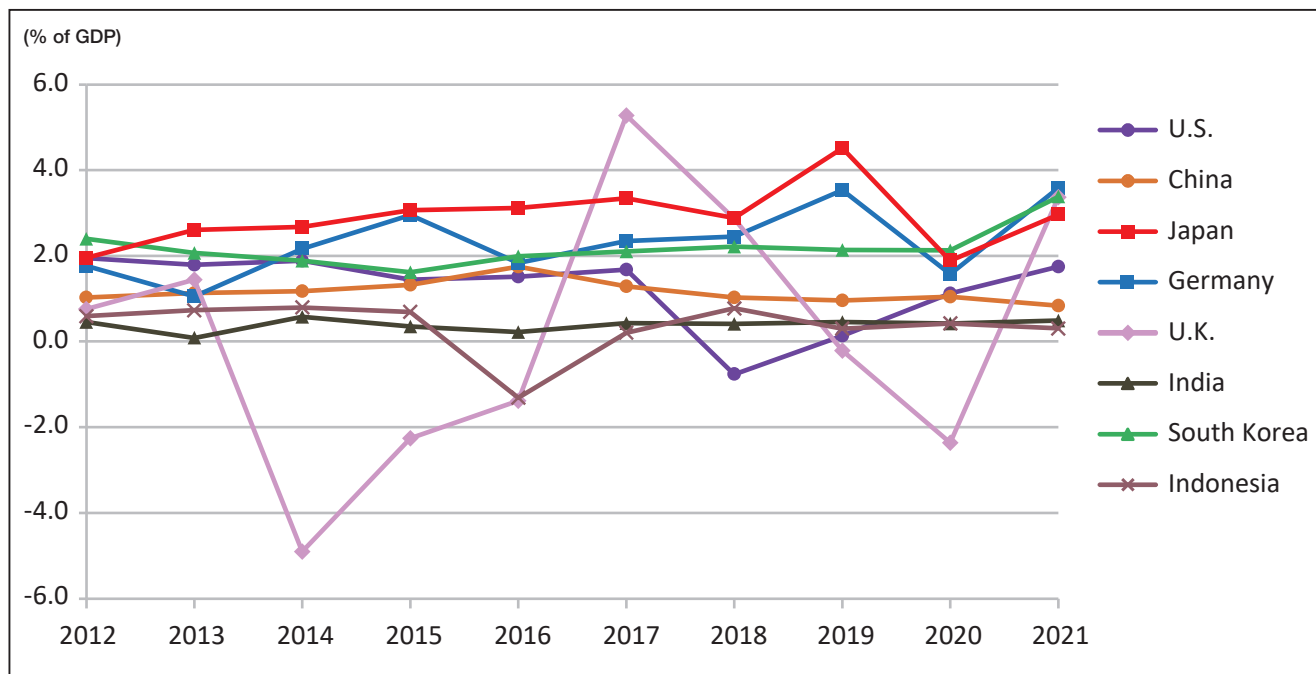
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
U.S.	5,223 (31.9%)	6,254 (36.9%)	6,320 (35.8%)	6,059 (33.1%)	6,395 (34.0%)	7,865 (40.2%)	6,371 (30.9%)	7,579 (35.3%)	8,241 (39.2%)	9,814 (42.5%)
China	532 (6.2%)	660 (6.9%)	883 (8.4%)	1,098 (9.9%)	1,357 (12.1%)	1,809 (14.7%)	1,982 (14.3%)	2,199 (15.4%)	2,581 (17.5%)	2,582 (14.9%)
Japan	1,038 (16.5%)	1,118 (21.4%)	1,152 (23.5%)	1,229 (27.6%)	1,315 (26.3%)	1,498 (30.4%)	1,569 (31.1%)	1,780 (34.6%)	1,837 (36.3%)	1,984 (40.1%)
Germany	1,572 (44.6%)	1,507 (40.4%)	1,399 (36.0%)	1,369 (40.8%)	1,368 (39.4%)	1,650 (44.7%)	1,708 (42.9%)	1,822 (46.8%)	1,990 (51.7%)	2,141 (50.6%)
U.K.	1,694 (62.3%)	1,796 (64.1%)	1,681 (54.5%)	1,605 (54.3%)	1,568 (57.6%)	1,850 (68.5%)	1,845 (63.6%)	1,966 (68.3%)	2,138 (77.3%)	2,166 (67.8%)
India	118 (6.3%)	120 (6.3%)	132 (6.4%)	139 (6.5%)	144 (6.3%)	155 (5.9%)	167 (6.0%)	180 (6.2%)	191 (7.2%)	206 (6.5%)
S. Korea	A 203 (15.9%)	A 239 (17.4%)	A 261 (17.6%)	A 286 (19.5%)	A 310 (20.7%)	A 361 (22.2%)	A 405 (23.5%)	A 456 (27.6%)	A 501 (30.6%)	A 552 (30.7%)
Indonesia	12 (1.4%)	19 (2.1%)	25 (2.9%)	29 (3.4%)	59 (6.3%)	66 (6.5%)	73 (7.0%)	81 (7.2%)	89 (8.4%)	96 (8.1%)

A Asset/Liability basis.

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

## 3-13 Outward FDI (Flow)

対外直接投資フロー

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

## Outward FDI (Flow)

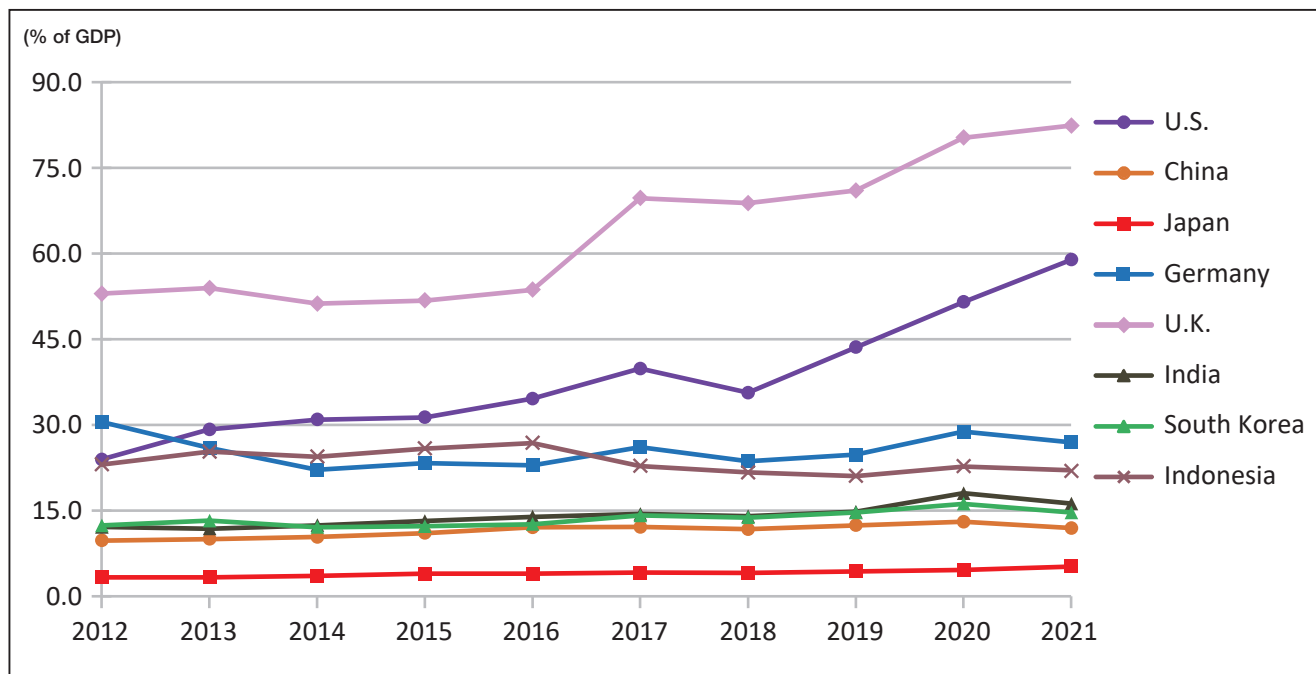
(Million USD, % of GDP)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
U.S.	318,196 (1.9%)	303,432 (1.8%)	333,014 (1.9%)	264,359 (1.4%)	284,469 (1.5%)	327,780 (1.7%)	-157,406 (-0.8%)	28,596 (0.1%)	234,919 (1.1%)	403,101 (1.7%)
China	87,804 (1.0%)	107,844 (1.1%)	123,120 (1.2%)	145,667 (1.3%)	196,149 (1.7%)	158,288 (1.3%)	143,037 (1.0%)	136,905 (1.0%)	153,710 (1.0%)	145,190 (0.8%)
Japan	<b>122,549</b> <b>(2.0%)</b>	<b>135,749</b> <b>(2.6%)</b>	<b>130,843</b> <b>(2.7%)</b>	<b>136,249</b> <b>(3.1%)</b>	<b>155,937</b> <b>(3.1%)</b>	<b>164,588</b> <b>(3.3%)</b>	<b>144,982</b> <b>(2.9%)</b>	<b>232,627</b> <b>(4.5%)</b>	<b>95,666</b> <b>(1.9%)</b>	<b>146,782</b> <b>(3.0%)</b>
Germany	62,164 (1.8%)	39,530 (1.1%)	84,076 (2.2%)	99,025 (3.0%)	63,661 (1.8%)	86,518 (2.3%)	97,233 (2.4%)	137,293 (3.5%)	60,624 (1.6%)	151,690 (3.6%)
U.K.	20,700 (0.8%)	40,486 (1.4%)	-151,286 (-4.9%)	-66,821 (-2.3%)	-37,606 (-1.4%)	142,373 (5.3%)	82,961 (2.9%)	-6,081 (-0.2%)	-65,363 (-2.4%)	107,741 (3.4%)
India	8,486 (0.5%)	1,679 (0.1%)	11,783 (0.6%)	7,572 (0.4%)	5,072 (0.2%)	11,141 (0.4%)	11,447 (0.4%)	13,144 (0.5%)	11,109 (0.4%)	15,522 (0.5%)
S. Korea	30,599 (2.4%)	28,318 (2.1%)	27,999 (1.9%)	23,687 (1.6%)	29,890 (2.0%)	34,069 (2.1%)	38,220 (2.2%)	35,239 (2.1%)	34,832 (2.1%)	60,820 (3.4%)
Indonesia	5,422 (0.6%)	6,647 (0.7%)	7,077 (0.8%)	5,937 (0.7%)	-12,215 (-1.3%)	2,077 (0.2%)	8,053 (0.8%)	3,352 (0.3%)	4,448 (0.4%)	3,596 (0.3%)

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

## 3-14 Inward FDI (Stock)

対内直接投資残高

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

## Inward FDI (Stock)

(Billion USD, % of GDP)

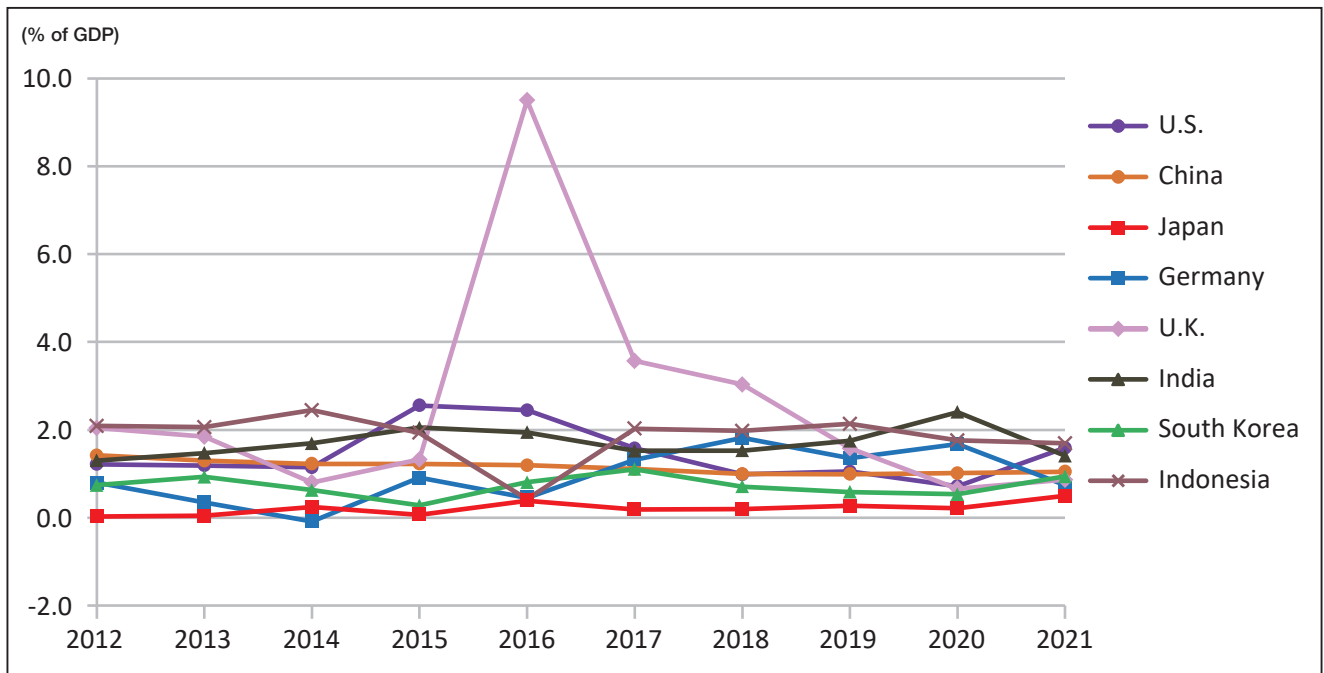
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
U.S.	3,916 (23.9%)	4,948 (29.2%)	5,457 (30.9%)	5,731 (31.3%)	6,503 (34.6%)	7,806 (39.9%)	7,347 (35.6%)	9,363 (43.6%)	10,814 (51.5%)	13,619 (58.9%)
China	832 (9.8%)	956 (10.0%)	1,084 (10.4%)	1,220 (11.0%)	1,354 (12.1%)	1,490 (12.1%)	1,628 (11.7%)	1,769 (12.4%)	1,919 (13.0%)	2,064 (11.9%)
Japan	206 (3.3%)	171 (3.3%)	172 (3.5%)	174 (3.9%)	197 (3.9%)	202 (4.1%)	205 (4.1%)	224 (4.3%)	232 (4.6%)	257 (5.2%)
Germany	1,077 (30.5%)	968 (25.9%)	860 (22.1%)	782 (23.3%)	795 (22.9%)	963 (26.1%)	941 (23.6%)	964 (24.8%)	1,108 (28.8%)	1,139 (26.9%)
U.K.	1,440 (53.0%)	1,513 (54.0%)	1,582 (51.2%)	1,531 (51.8%)	1,461 (53.6%)	1,881 (69.7%)	1,997 (68.8%)	2,045 (71.0%)	2,220 (80.3%)	2,634 (82.4%)
India	225 (12.1%)	227 (11.8%)	253 (12.4%)	283 (13.2%)	318 (13.9%)	377 (14.4%)	386 (14.0%)	427 (14.8%)	480 (18.0%)	514 (16.2%)
S. Korea	A 158 (12.3%)	A 181 (13.2%)	A 179 (12.1%)	A 180 (12.2%)	A 189 (12.6%)	A 229 (14.1%)	A 237 (13.8%)	A 242 (14.6%)	A 265 (16.2%)	A 263 (14.6%)
Indonesia	212 (23.1%)	231 (25.3%)	217 (24.4%)	222 (25.8%)	250 (26.8%)	231 (22.8%)	226 (21.7%)	235 (21.0%)	241 (22.7%)	259 (21.9%)

A Asset/Liability basis.

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

## 3-15 Inward FDI (Flow)

対内直接投資フロー

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

## Inward FDI (Flow)

(Million USD, % of GDP)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
U.S.	199,034 (1.2%)	201,393 (1.2%)	201,733 (1.1%)	467,625 (2.6%)	459,419 (2.4%)	308,956 (1.6%)	203,234 (1.0%)	225,108 (1.0%)	150,828 (0.7%)	367,376 (1.6%)
China	121,073 (1.4%)	123,911 (1.3%)	128,502 (1.2%)	135,577 (1.2%)	133,711 (1.2%)	136,315 (1.1%)	138,305 (1.0%)	141,225 (1.0%)	149,342 (1.0%)	180,957 (1.0%)
Japan	1,732 (0.0%)	2,304 (0.0%)	12,030 (0.2%)	2,976 (0.1%)	19,359 (0.4%)	9,356 (0.2%)	9,963 (0.2%)	13,755 (0.3%)	10,703 (0.2%)	24,652 (0.5%)
Germany	28,181 (0.8%)	12,777 (0.3%)	-3,204 (-0.1%)	30,541 (0.9%)	15,633 (0.5%)	48,641 (1.3%)	72,098 (1.8%)	52,665 (1.4%)	64,589 (1.7%)	31,267 (0.7%)
U.K.	55,446 (2.0%)	51,676 (1.8%)	24,690 (0.8%)	39,186 (1.3%)	258,699 (9.5%)	96,354 (3.6%)	87,837 (3.0%)	45,454 (1.6%)	18,194 (0.7%)	27,561 (0.9%)
India	24,196 (1.3%)	28,199 (1.5%)	34,582 (1.7%)	44,064 (2.1%)	44,481 (1.9%)	39,904 (1.5%)	42,156 (1.5%)	50,558 (1.7%)	64,072 (2.4%)	44,735 (1.4%)
S. Korea	9,496 (0.7%)	12,767 (0.9%)	9,274 (0.6%)	4,104 (0.3%)	12,104 (0.8%)	17,913 (1.1%)	12,183 (0.7%)	9,634 (0.6%)	8,765 (0.5%)	16,820 (0.9%)
Indonesia	19,138 (2.1%)	18,817 (2.1%)	21,811 (2.4%)	16,641 (1.9%)	3,921 (0.4%)	20,579 (2.0%)	20,563 (2.0%)	23,883 (2.1%)	18,591 (1.8%)	20,081 (1.7%)

Source: UNCTAD <https://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)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
1 U.S.	31,974	43,703	49,437	50,218	53,102	47,918	17,399	51,410	66,252	62,094
2 Singapore	1,566	3,545	8,144	7,010	-18,594	9,598	16,791	13,743	7,687	18,011
3 U.K.	11,882	13,319	6,273	13,979	51,399	22,218	20,178	9,409	8,769	14,933
4 China	13,479	9,104	10,889	10,011	9,534	12,417	11,217	12,021	11,043	10,020
5 Luxemburg	-73	921	3,777	3,051	866	5,245	-185	2,344	3,207	9,912
Germany	1,797	2,653	3,423	3,925	1,870	4,228	5,038	11,751	2,762	7,088
India	2,802	2,155	2,408	-1,041	4,252	1,643	3,165	4,145	1,569	2,699
Indonesia	3,810	3,907	4,835	3,213	3,135	3,520	3,447	8,879	1,659	1,363
S. Korea	3,996	3,296	3,196	1,593	1,724	1,830	4,393	2,476	1,439	825
ASEAN	10,675	23,619	22,819	20,920	-5,218	22,569	31,950	32,582	18,118	29,238
EU	29,023	30,999	27,026	35,785	70,399	58,210	48,217	79,510	-8,188	15,105
TOTAL	122,355	135,049	138,018	138,428	178,533	173,768	160,267	258,276	146,041	149,814

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.

EU indicates EU-27 (2011-2012), EU-28 (2013-2019), EU-27 (2020-)

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)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
1 Hong Kong	872	172	2,090	983	1,510	-393	785	2,073	1,944	12,354
2 U.S.	-110	1,378	7,131	4,338	6,847	5,948	6,264	17,165	15,525	8,474
3 Singapore	978	325	1,362	1,893	3,236	3,174	-445	2,512	4,522	5,918
4 Cayman Islands	-1,953	-1,104	414	-2,313	1,226	2,739	3,819	1,146	-693	4,408
5 Australia	123	366	422	-660	742	244	1,214	427	-1,108	2,767
Germany	449	10	1,259	-3,394	820	542	1,244	225	1,454	1,746
S. Korea	559	48	669	932	614	1,194	1,901	426	797	1,260
China	72	140	767	636	-92	997	797	1,914	1,459	813
Indonesia	-1	-92	18	84	19	194	35	37	-7	34
U.K.	1,212	618	432	-1,527	5,676	-3,808	4,336	2,756	30,547	-3,220
ASEAN	1,003	317	1,648	2,324	3,907	2,934	926	4,063	5,391	5,910
EU	-3,005	1,401	3,672	-2,104	22,093	2,442	4,678	7,457	-743	-3,627
TOTAL	1,761	2,358	19,770	5,253	40,942	18,805	25,297	39,958	61,509	27,315

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.

EU indicates EU-27 (2011-2012), EU-28 (2013-2019), EU-27 (2020-)

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)

		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
1	U.S.	286,529	331,439	381,845	418,928	452,512	490,608	500,342	534,881	616,745	661,233
2	U.K.	53,956	67,742	77,533	89,030	123,938	154,037	163,958	173,759	179,359	184,946
3	China	93,215	98,132	104,408	108,902	108,734	119,029	123,401	130,094	143,745	146,777
4	Netherlands	94,444	96,451	96,745	106,367	105,305	130,410	134,535	136,099	155,621	136,588
5	Singapore	36,063	36,549	45,733	50,484	41,627	63,616	78,503	88,512	98,732	110,282
	Germany	16,906	17,071	19,481	21,207	21,709	27,026	28,823	39,887	46,162	48,883
	S. Korea	25,594	29,850	31,897	31,492	31,964	37,060	38,726	38,980	43,301	40,096
	India	15,107	13,738	13,751	14,101	17,889	22,202	24,390	27,953	29,889	30,863
	EU	237,800	259,153	267,283	290,918	324,072	402,213	432,155	511,491	291,849	285,293
	ASEAN	122,269	136,258	159,933	166,997	167,216	204,762	229,688	262,881	277,270	282,642
	TOTAL	1,040,463	1,117,267	1,185,447	1,261,020	1,356,717	1,554,738	1,647,480	1,870,531	1,980,423	1,987,169

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. EU indicates EU-27 (2012), EU-28 (2013-2019), EU-27 (2020-)

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)

		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
1	U.S.	61,756	52,402	57,559	56,796	60,654	59,692	57,889	73,246	90,781	80,228
2	U.K.	15,471	13,115	15,761	16,005	18,811	15,831	23,301	22,947	56,581	49,133
3	Netherlands	31,607	27,664	26,395	30,581	32,941	42,540	41,842	36,296	41,122	34,083
4	Singapore	15,383	13,360	14,437	15,018	20,216	21,993	23,269	33,405	40,749	32,221
5	France	18,033	14,249	23,353	25,325	28,832	31,086	34,059	36,189	32,074	27,547
	Germany	8,386	6,438	8,881	6,359	7,735	8,195	9,936	8,804	9,678	10,584
	S. Korea	2,851	2,079	2,346	3,234	3,429	5,102	6,712	7,365	9,063	8,078
	China	552	576	1,162	1,911	1,616	2,535	3,452	5,433	7,117	7,411
	India	56	56	49	74	78	95	100	96	327	371
	EU	81,271	68,462	82,980	87,132	105,564	116,043	124,323	124,014	102,478	87,414
	ASEAN	16,150	14,062	16,316	17,425	23,124	25,193	26,582	38,162	46,339	36,857
	TOTAL	206,301	170,597	198,231	205,699	241,071	256,780	277,924	314,523	388,929	351,845

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. EU indicates EU-27 (2012), EU-28 (2013-2019), EU-27 (2020-)

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)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
1 Ireland	30,836	21,924	47,993	69,631	49,963	47,842	2,780	-85,312	19,693	77,302
2 U.K	41,790	25,301	29,112	14,426	42,027	24,590	12,369	18,456	30,224	65,126
3 Canada	29,608	20,650	30,691	10,114	12,589	16,356	15,944	30,691	8,978	31,952
4 Netherlands	48,052	57,740	24,320	41,337	33,363	22,491	-56,091	-23,114	18,230	30,751
5 Luxembourg	15,622	39,161	37,125	-365	31,153	39,283	31,538	8,055	14,041	26,403
Germany	1,860	-2,409	-115	1,691	3,407	4,025	5,406	17,080	8,549	12,961
<b>Japan</b>	<b>943</b>	<b>6,227</b>	<b>-13,003</b>	<b>5,177</b>	<b>-2,911</b>	<b>9,094</b>	<b>1,550</b>	<b>6,453</b>	<b>-1,360</b>	<b>8,290</b>
India	3,785	2,563	4,092	3,820	4,854	3,623	656	2,759	643	4,117
Indonesia	2,301	440	3,443	176	-729	-861	-2,978	902	-1,017	3,395
China	-1,223	7,397	11,033	6,029	8,468	7,943	6,391	6,286	8,717	2,846
S. Korea	1,838	2,493	4,795	2,225	2,022	668	-1,664	2,618	-498	1,811
EU	141,152	149,558	141,607	136,756	170,266	148,625	21,275	-46,986	68,254	154,091
ASEAN	20,443	22,637	35,295	23,996	10,891	25,507	-41,748	18,094	22,554	18,022
<b>TOTAL</b>	<b>318,196</b>	<b>303,432</b>	<b>333,014</b>	<b>264,359</b>	<b>284,469</b>	<b>327,781</b>	<b>-157,407</b>	<b>20,342</b>	<b>204,461</b>	<b>349,957</b>

Notes: Financial outflow transactions without current-cost adjustment. EU indicates EU-27 (2010-2012), EU-28 (2013-2019), EU-27 (2020), Compiled by Keizai Koho Center from U.S. Department of Commerce data.

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>

## Inward FDI (Flow) by Source

(Million USD)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
1 U.K.	39,640	32,023	-94,851	50,294	88,081	47,838	-2,796	10,360	-30,935	89,791
2 Germany	6,772	12,427	37,121	25,353	15,637	18,291	22,358	29,216	23,792	52,308
3 Netherlands	38,618	4,606	29,685	33,318	43,143	24,644	78,306	19,935	18,014	42,925
4 Ireland	-936	9,554	7,114	14,892	8,645	31,039	67,432	-4,022	-1,115	41,375
5 <b>Japan</b>	<b>22,114</b>	<b>46,413</b>	<b>44,891</b>	<b>32,997</b>	<b>33,732</b>	<b>45,520</b>	<b>20,817</b>	<b>35,292</b>	<b>26,804</b>	<b>39,078</b>
S. Korea	6,185	6,601	9,024	1,302	3,699	13,332	1,787	4,208	5,036	9,398
India	367	-22	1,287	298	-544	894	-1,072	-217	-299	1,023
China	3,419	1,920	2,201	5,127	18,004	2,211	320	3,618	-1,809	813
Indonesia	-117	1,170	339	173	-1,059	-233	32	70	51	35
EU	138,895	90,392	49,204	329,844	253,064	174,344	65,168	92,888	64,427	168,456
ASEAN	488	1,714	6,890	4,040	-1,587	-23	267	2,463	1,245	1,840
<b>TOTAL</b>	<b>199,034</b>	<b>201,393</b>	<b>201,733</b>	<b>467,625</b>	<b>459,419</b>	<b>308,957</b>	<b>203,234</b>	<b>242,519</b>	<b>95,037</b>	<b>389,194</b>

Notes: Financial outflow transactions without current-cost adjustment. EU indicates EU-27 (2010-2012), EU-28 (2013-2019), EU-27 (2020), Compiled by Keizai Koho Center from U.S. Department of Commerce data.

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>



## 3-19 FDI (China)

## 直接投資(中国)

## Outward FDI (Flow) by Destination

(Million USD)

	2012	2013	2014	2015	2016	2017	2018	2019	2020
1 Hong Kong	51,238	62,824	70,867	89,790	114,233	91,153	86,869	90,550	89,146
2 Cayman Islands	827	9,253	4,192	10,213	13,523	-6,606	5,473	-4,357	8,562
3 Virgin Islands	2,239	3,222	4,570	1,849	12,288	19,301	7,150	8,683	6,976
4 U.S.	4,048	3,873	7,596	8,029	16,981	6,425	7,477	3,807	6,019
5 Singapore	1,519	2,033	2,814	10,452	3,172	6,320	6,411	4,826	5,923
Germany	799	911	1,439	410	2,381	2,716	1,468	1,459	1,376
U.K.	2,775	1,420	1,499	1,848	1,480	2,066	1,027	1,103	922
<b>Japan</b>	<b>211</b>	<b>434</b>	<b>394</b>	<b>240</b>	<b>344</b>	<b>444</b>	<b>468</b>	<b>674</b>	<b>487</b>
India		N/A		705	93	290	206	535	205
S. Korea	942	269	549	1,325	1,148	661	1,034	562	139
<b>TOTAL</b>	<b>87,804</b>	<b>107,844</b>	<b>123,120</b>	<b>145,667</b>	<b>196,149</b>	<b>158,288</b>	<b>143,037</b>	<b>136,908</b>	<b>153,710</b>

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/tjsj/ndsj/2021/indexch.htm>

## Inward FDI (Flow) by Source

(Million USD)

	2012	2013	2014	2015	2016	2017	2018	2019	2020
1 Hong Kong	65,561	73,397	81,268	86,387	81,465	94,509	89,917	96,299	105,793
2 Singapore	6,305	7,229	5,827	6,904	6,047	4,763	5,210	7,591	7,681
3 British Virgin Islands	7,831	6,159	6,226	7,388	6,740	3,991	4,712	4,964	5,200
4 S. Korea	3,038	3,054	3,966	4,034	4,751	3,673	4,667	5,538	3,614
5 Cayman Islands	1,975	1,668	1,255	1,444	5,151	2,177	4,068	2,557	2,774
U.S.	2,598	2,820	2,371	2,089	2,386	2,649	2,689	2,686	2,305
Germany	1,451	2,078	2,071	1,556	2,710	1,542	3,674	1,658	1,355
U.K.	410	392	735	496	1,354	1,003	2,482	857	978
<b>Japan</b>	<b>7,352</b>	<b>7,058</b>	<b>4,325</b>	<b>3,195</b>	<b>3,096</b>	<b>3,261</b>	<b>3,798</b>	<b>3,721</b>	<b>3,374</b>
India	44	27	51	81	52	158	48	26	12
<b>TOTAL</b>	<b>111,716</b>	<b>117,586</b>	<b>119,562</b>	<b>126,266</b>	<b>126,001</b>	<b>131,035</b>	<b>134,966</b>	<b>138,135</b>	<b>144,369</b>

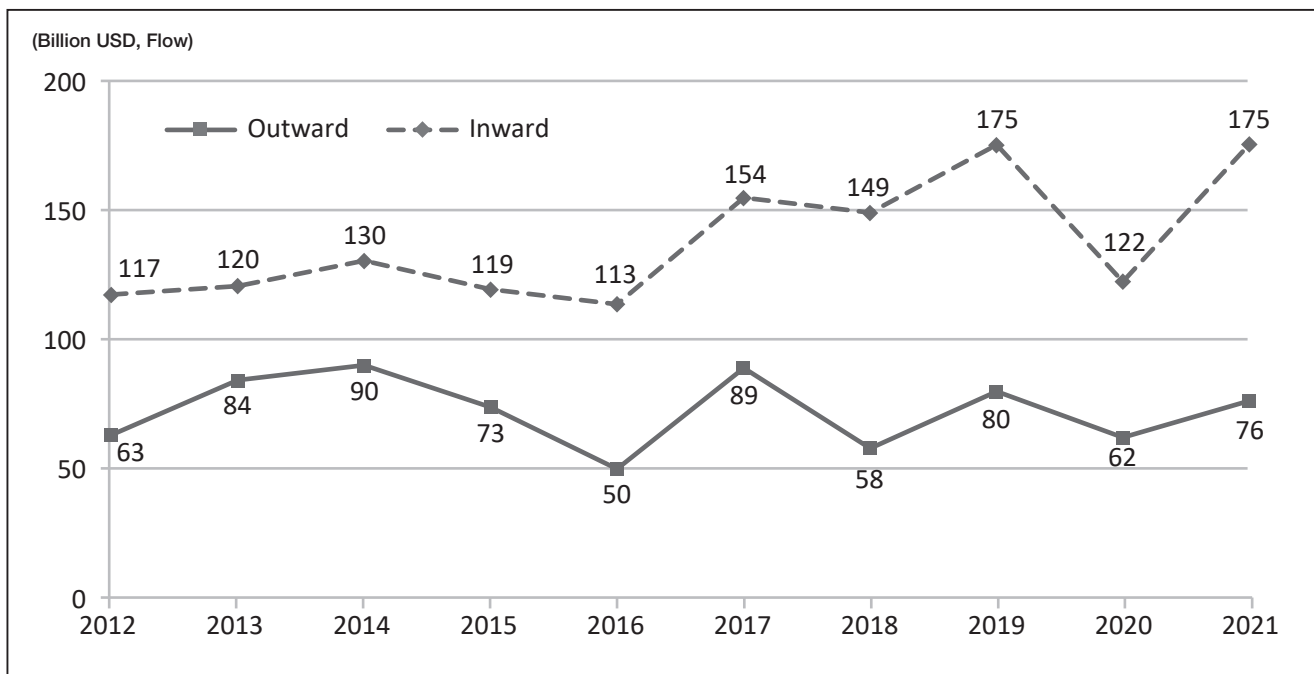
Note: Including foreign direct investments and other foreign investments and the basic condition of registration of foreign funded enterprises.

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/tjsj/ndsj/2021/indexch.htm>

## 3-20 FDI (ASEAN)

## 直接投資 (ASEAN)



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

## Inward FDI (Flow) by Source

(Million USD)

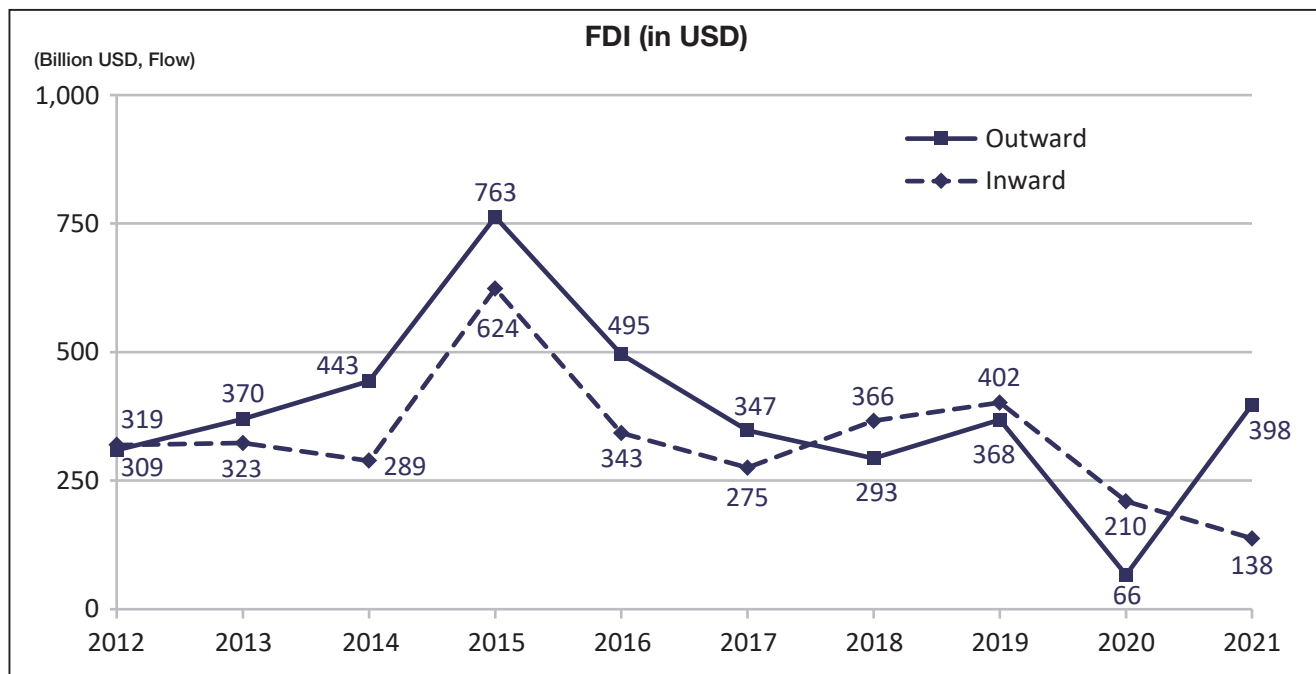
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
1 U.S.	18,911	11,458	21,141	22,912	12,549	30,628	-25,881	38,230	28,359	40,007
2 China	7,975	6,165	6,812	6,572	9,952	18,048	12,685	9,165	6,952	13,597
3 Singapore	9,815	13,268	15,721	13,702	15,466	17,487	15,728	15,621	13,090	13,344
4 <b>Japan</b>	<b>14,853</b>	<b>24,609</b>	<b>13,436</b>	<b>12,962</b>	<b>15,524</b>	<b>15,554</b>	<b>27,918</b>	<b>22,847</b>	<b>11,573</b>	<b>11,983</b>
5 Netherlands	8,952	6,324	-484	8,031	2,367	11,077	7,172	21	6,226	11,170
Germany	-889	-729	-466	-1,341	-329	3,069	1,494	-533	-2,079	2,987
S. Korea	1,279	4,303	5,257	5,609	6,672	5,751	5,503	8,178	7,528	7,077
U.K.	-9,351	5,003	7,066	3,362	6,268	1,024	6,509	8,629	-13,519	-1,095
India	7,041	1,731	1,164	1,473	772	1,512	514	1,721	231	1,951
EU (EU-27)	6,814	10,716	21,878	17,012	24,901	13,844	22,943	6,104	18,552	26,534
INTRA-ASEAN	23,901	18,464	22,181	20,819	26,445	26,863	22,731	21,715	22,888	20,925
TOTAL	116,774	120,966	130,115	118,667	113,472	153,959	147,429	174,168	122,391	174,102

Note: Net basis.

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

## 3-21 FDI (EU)

## 直接投資 (EU)



Note: EU refers to EU-27 from 2020 after Brexit (data is back-calculated for previous years).

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

## Outward FDI (Flow) by Destination (in EUR)

(Billion EUR)

	2017	2018	2019	2020
1 U.S.	-121.0	-208.4	-43.0	218.2
2 UAE	3.5	3.3	174.7	36.0
3 U.K.	94.2	-81.9	-8.1	23.4
4 Bermuda	N/A	-52.4	-39.0	17.2
5 Cayman Islands	-43.6	23.1	-18.3	11.9
6 Barbados	34.4	-6.3	-26.9	9.1
India	6.8	6.2	6.9	5.4
China	10.1	11.3	2.0	2.8
S. Korea	N/A	2.3	-0.9	0.8
Indonesia	2.3	0.8	0.2	0.5
<b>Japan</b>	<b>1.8</b>	<b>5.3</b>	<b>1.7</b>	<b>-2.9</b>
Total (Extra EU-27)	180.8	-204.8	127.8	106.2

## Inward FDI (Flow) by Source (in EUR)

(Billion EUR)

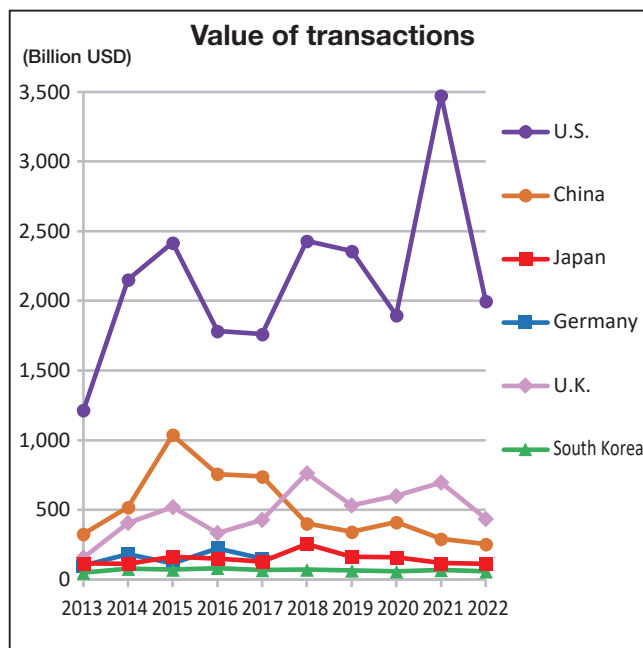
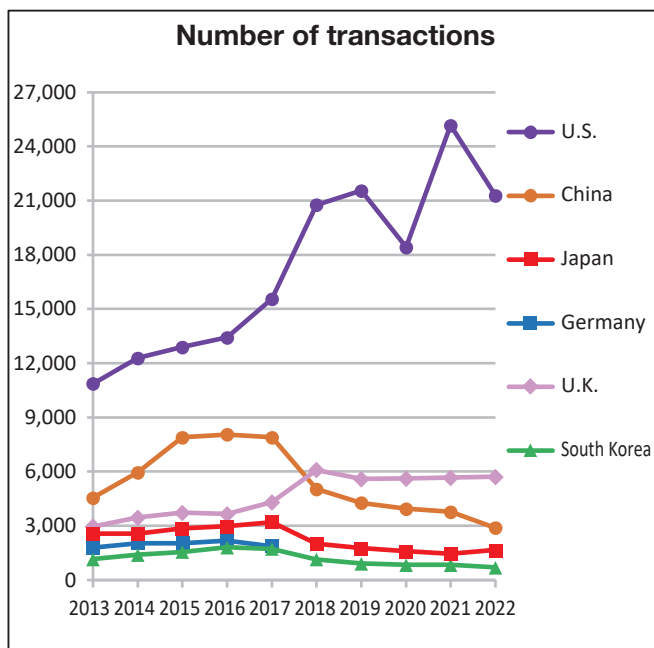
	2017	2018	2019	2020
1 U.S.	-340.9	-217.7	-30.6	265.7
2 U.K.	57.7	32.6	-34.5	110.3
3 UAE	N/A	-1.3	20.1	51.5
4 Singapore	7.9	1.6	-15.2	17.7
5 Barbados	N/A	-2.2	-8.9	16.4
6 Russia	-4.9	12.7	3.0	12.6
<b>Japan</b>	<b>9.1</b>	<b>7.3</b>	<b>2.8</b>	<b>12.5</b>
China	5.5	6.7	10.5	9.2
S. Korea	1.8	2.7	4.8	3.3
India	0.3	0.0	0.3	-0.3
Indonesia	0.1	0.3	0.3	-0.8
Total (Extra EU-27)	209.5	-263.2	55.2	301.8

Notes: EU refers to EU-27 from 2020 after Brexit (data is back-calculated for previous years). Extra EU-27 refers to transactions with all countries outside of the EU. China does not include Hong Kong. The sum of FDI flows to or from the partners 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 [https://ec.europa.eu/eurostat/databrowser/view/BOP\\_FDI6\\_GEO\\_custom\\_4381623/default/table?lang=en](https://ec.europa.eu/eurostat/databrowser/view/BOP_FDI6_GEO_custom_4381623/default/table?lang=en)

## 3-22 Mergers &amp; Acquisitions (M&amp;A)

合併と買収



Note: China's figures include Hong Kong.

Source: Institute for Mergers, Acquisitions & Alliances (IMAA) <https://imaa-institute.org/mergers-and-acquisitions-statistics/>

## Mergers &amp; Acquisitions (M&amp;A)

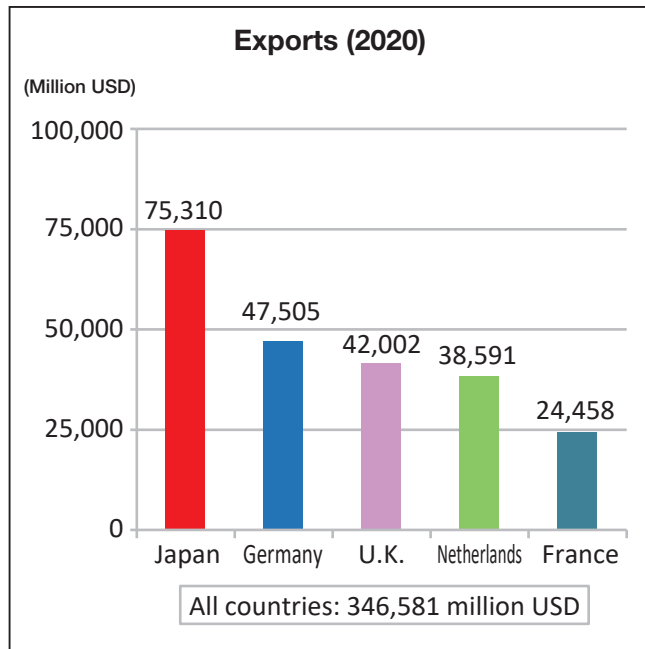
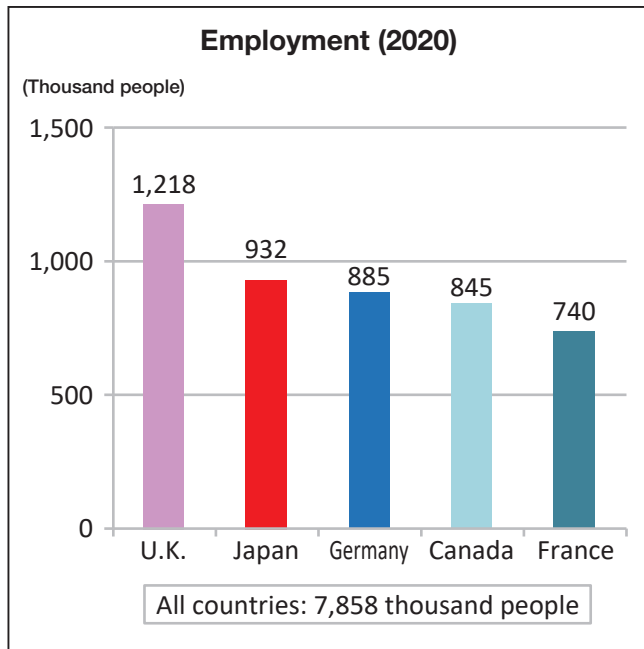
		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
U.S.	Number of transactions	10,877	12,283	12,885	13,430	15,558	20,764	21,559	18,422	25,170	21,274
	Value (Billion USD)	1,215	2,154	2,417	1,785	1,762	2,431	2,358	1,897	3,474	1,998
China	Number of transactions	4,547	5,953	7,899	8,065	7,894	5,029	4,276	3,947	3,777	2,902
	Value (Billion USD)	325	519	1,038	757	740	402	342	411	291	255
Japan	<b>Number of transactions</b>	<b>2,565</b>	<b>2,573</b>	<b>2,866</b>	<b>2,970</b>	<b>3,208</b>	<b>2,008</b>	<b>1,767</b>	<b>1,603</b>	<b>1,465</b>	<b>1,673</b>
	<b>Value (Billion USD)</b>	<b>114</b>	<b>113</b>	<b>162</b>	<b>151</b>	<b>127</b>	<b>256</b>	<b>162</b>	<b>159</b>	<b>119</b>	<b>113</b>
Germany	Number of transactions	1,788	2,037	2,035	2,179	*1,871			N/A		
	Value (Billion USD)	101	182	116	223	152			N/A		
U.K.	Number of transactions	2,975	3,471	3,733	3,665	4,312	6,100	5,586	5,626	5,667	5,728
	Value (Billion USD)	157	405	521	334	428	764	532	601	696	436
S. Korea	Number of transactions	1,168	1,410	1,560	1,818	1,729	1,148	914	839	844	701
	Value (Billion USD)	50	77	70	83	68	72	64	57	69	57
World	Number of transactions	39,568	43,847	48,052	49,991	53,302	56,382	53,594	47,307	57,948	49,622
	Value (Billion USD)	2,536	3,960	4,779	3,646	3,777	3,939	3,894	3,268	5,218	3,390

\* Estimate

Note: China's figures include Hong Kong.

Source: Institute for Mergers, Acquisitions & Alliances (IMAA) <https://imaa-institute.org/mergers-and-acquisitions-statistics/>

## 3-23 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



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

(Thousands of cars)

Rank	Country	EV Sales					Market Share of EVs in 2021 (%)
		2019	2020	2021	BEV (Battery Electric Vehicle)	PHEV (Plug-in Hybrid Electric Vehicle)	
1	China	1,060.0	1,160.0	3,300.0	2700.0	600.0	16.0
2	Germany	108.0	390.0	690.0	360.0	330.0	26.0
3	U.S.	325.0	294.0	630.0	470.0	160.0	4.6
4	France	62.0	185.0	310.0	170.0	140.0	19.0
4	U.K.	75.0	177.0	310.0	190.0	120.0	19.0
6	Norway	79.0	106.0	148.0	110.0	38.0	86.0
7	Italy	17.5	59.0	138.0	67.0	71.0	9.5
8	Sweden	41.0	94.0	136.0	58.0	78.0	43.0
9	Netherlands	67.5	88.0	94.0	63.0	31.0	30.0
10	S. Korea	35.7	39.7	91.0	72.0	19.0	6.2
11	Canada	51.0	51.0	87.0	59.0	28.0	6.6
12	Belgium	17.7	48.0	70.0	22.0	48.0	18.0
13	Spain	17.4	42.0	68.0	25.0	43.0	7.9
14	Denmark	9.4	32.0	66.0	25.0	41.0	35.0
15	Switzerland	17.3	33.0	54.0	32.0	22.0	22.0
16	<b>Japan</b>	<b>39.0</b>	<b>30.0</b>	<b>45.0</b>	<b>22.0</b>	<b>23.0</b>	<b>1.0</b>
	World	2,080.0	2,980.0	6,600.0	4700.0	1900.0	8.6

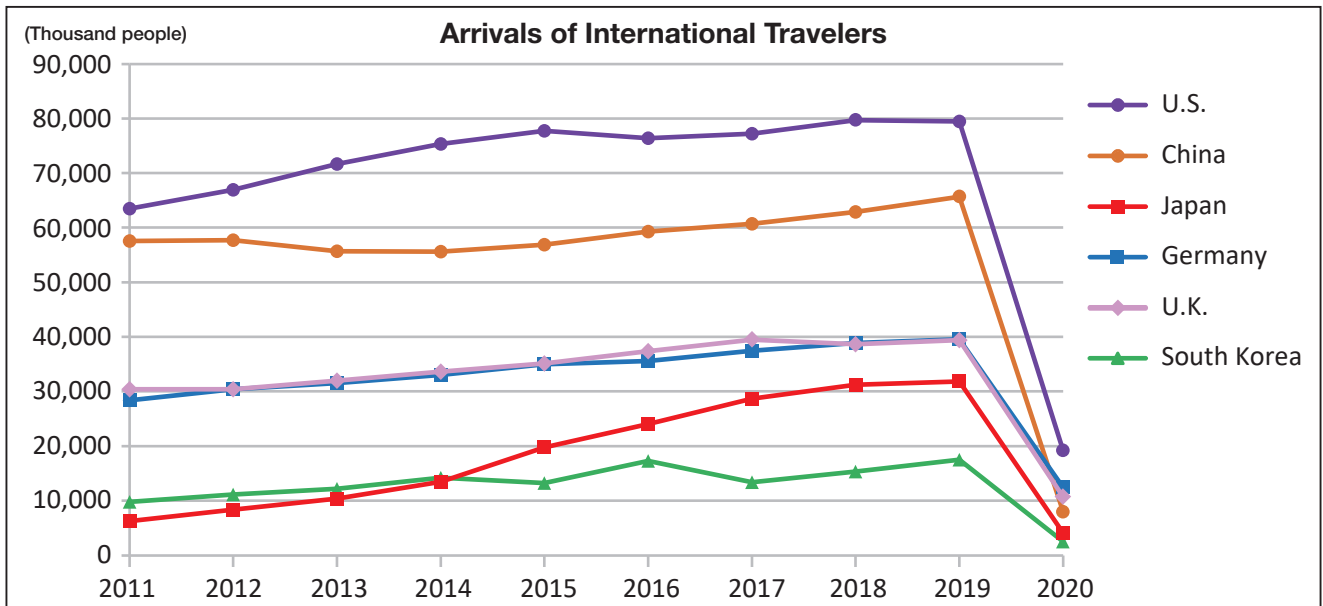
Note: Electric Cars (BEV and PHEV).

Source: Based on the data from Global EV Data Explorer (IEA)

<https://www.iea.org/articles/global-ev-data-explorer>. All rights reserved; as modified by Keizai Koho Center

## 4-1 Inbound Tourism

## 外国人訪問者数



Notes: Germany figures indicate international tourists arrivals at collective tourism establishments.  
Japan and S. Korea 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) <https://www.e-unwto.org/toc/unwtotfb/current>

## Arrivals of International Travelers

(Thousand people)

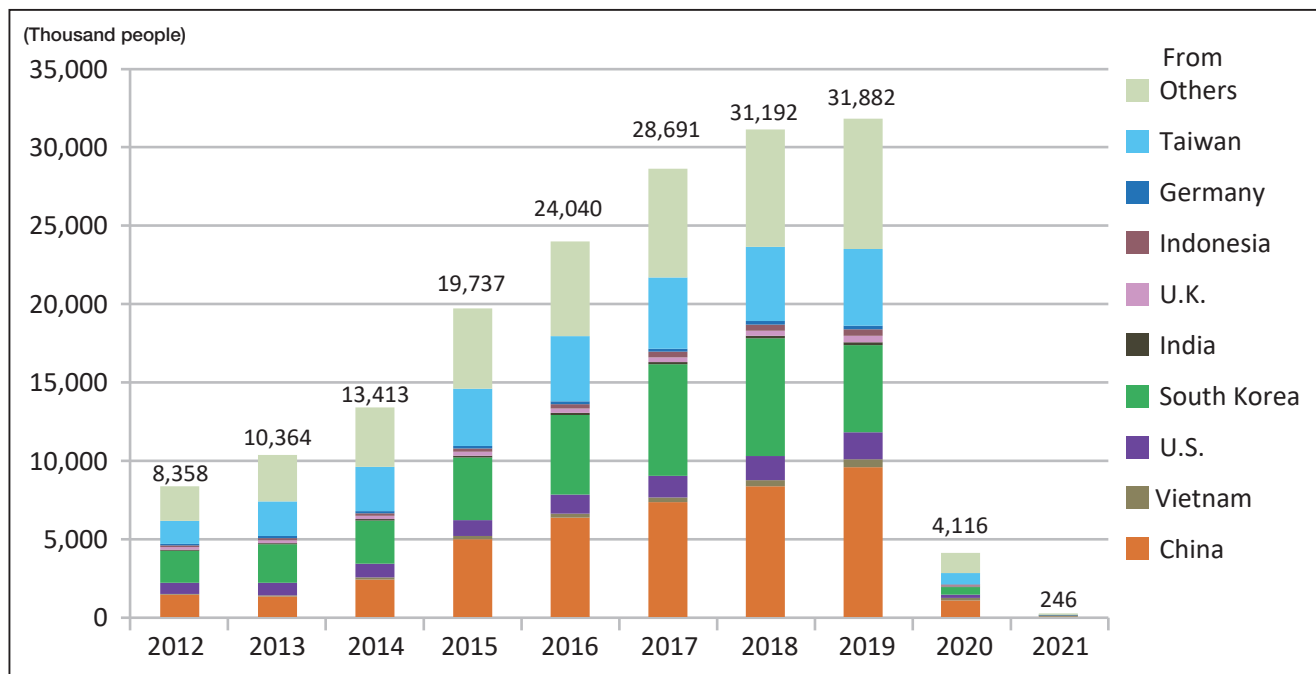
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
France	80,499	81,980	83,634	83,701	84,452	82,682	86,758	89,322	90,914	41,684
Italy	46,119	46,360	47,704	48,576	50,732	52,372	58,253	61,567	64,513	25,190
Mexico	23,403	23,403	24,151	29,346	32,093	35,079	39,291	41,313	45,024	24,824
U.S.	63,477	66,967	71,643	75,379	77,774	76,407	77,187	79,746	79,442	19,212
Spain	56,177	57,464	60,675	64,939	68,175	75,315	81,869	82,808	83,509	18,933
Türkiye	34,654	35,698	37,795	39,811	39,478	30,289	37,601	45,768	51,192	15,894
Austria	23,012	24,151	24,813	25,291	26,728	28,121	29,460	30,816	31,884	15,091
Germany	28,374	30,411	31,545	32,999	34,970	35,555	37,452	38,881	39,563	12,449
U.K.	30,384	30,411	31,946	33,604	35,149	37,358	39,543	38,664	39,418	10,714
Poland	13,350	14,840	15,800	16,000	16,728	17,471	18,258	19,622	21,158	8,418
China	57,581	57,725	55,686	55,622	56,886	59,270	60,740	62,900	65,725	7,967
<b>Japan</b>	<b>6,219</b>	<b>8,358</b>	<b>10,364</b>	<b>13,413</b>	<b>19,737</b>	<b>24,039</b>	<b>28,691</b>	<b>31,191</b>	<b>31,881</b>	<b>4,116</b>
S. Korea	9,795	11,140	12,176	14,202	13,232	17,242	13,336	15,347	17,503	2,519
Indonesia	7,650	8,044	8,802	9,435	10,407	11,519	14,040	15,810	16,107	4,053

Notes: Germany figures indicate international tourists arrivals at collective tourism establishments.  
Japan, S. Korea and Indonesia 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) <https://www.e-unwto.org/toc/unwtotfb/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](https://www.jnto.go.jp/jpn/statistics/visitor_trends/index.html)

## Foreign Visitors to Japan

(Thousand people)

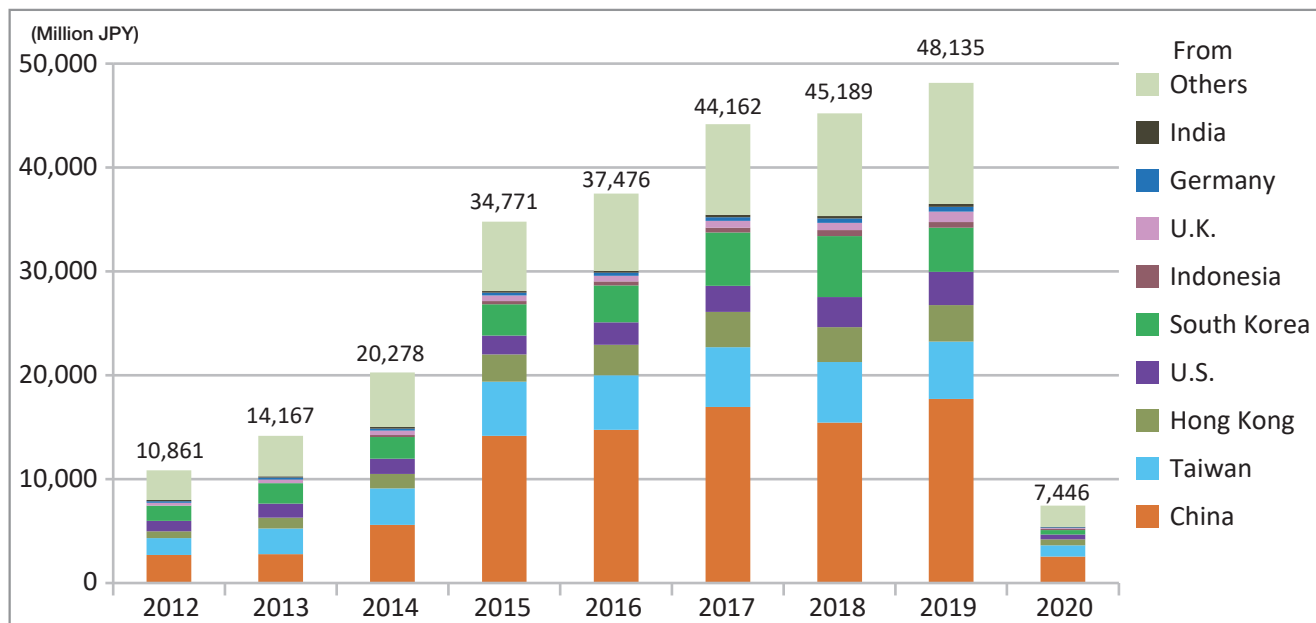
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
China	1,425	1,314	2,409	4,994	6,374	7,356	8,380	9,594	1,069	42
Vietnam	55	84	124	185	234	309	389	495	153	27
U.S.	717	799	892	1,033	1,243	1,375	1,526	1,724	219	20
S. Korea	2,043	2,456	2,755	4,002	5,090	7,140	7,539	5,585	488	19
India	69	75	88	103	123	134	154	176	27	9
U.K.	174	192	220	258	292	310	334	424	51	7
Indonesia	101	137	159	205	271	352	397	413	78	5
Germany	109	122	140	163	183	196	215	237	30	5
Taiwan	1,466	2,211	2,830	3,677	4,168	4,564	4,757	4,891	694	5
Others	2,199	2,973	3,796	5,117	6,062	6,954	7,500	8,344	1,307	107
<b>Total</b>	<b>8,358</b>	<b>10,364</b>	<b>13,413</b>	<b>19,737</b>	<b>24,040</b>	<b>28,691</b>	<b>31,192</b>	<b>31,882</b>	<b>4,116</b>	<b>246</b>

Source: Japan National Tourism Organization [https://www.jnto.go.jp/jpn/statistics/visitor\\_trends/index.html](https://www.jnto.go.jp/jpn/statistics/visitor_trends/index.html)



## 4-3 Spending by Foreign Travelers in Japan

訪日外国人旅行消費額



Notes: 2020 estimate is based on the spending by travelers from January to March. The 2021 figures are not available due to COVID-19. Figures exclude the payments to national carriers for international transport.

Source: Japan Tourism Agency <https://www.mlit.go.jp/kankocho/siryoutoukei/syouthityousa.html>

## Spending by Foreign Travelers in Japan

(Million JPY)

	2012	2013	2014	2015	2016	2017	2018	2019	*2020
China	2,688	2,759	5,583	14,174	14,754	16,947	15,450	17,704	2,536
Taiwan	1,648	2,475	3,544	5,207	5,245	5,744	5,817	5,517	1,084
Hong Kong	655	1,054	1,370	2,627	2,947	3,416	3,358	3,525	576
U.S.	979	1,362	1,475	1,814	2,130	2,503	2,893	3,228	456
S. Korea	1,466	1,978	2,090	3,008	3,577	5,126	5,881	4,247	429
Indonesia	N/A		190	302	370	456	558	539	119
U.K.	283	329	412	545	532	669	720	999	104
Germany	164	190	209	278	313	356	409	465	57
India	110	109	147	153	177	212	247	274	51
Others	2,868	3,911	5,258	6,663	7,431	8,733	9,856	11,637	2,034
<b>Total</b>	<b>10,861</b>	<b>14,167</b>	<b>20,278</b>	<b>34,771</b>	<b>37,476</b>	<b>44,162</b>	<b>45,189</b>	<b>48,135</b>	<b>7,446</b>

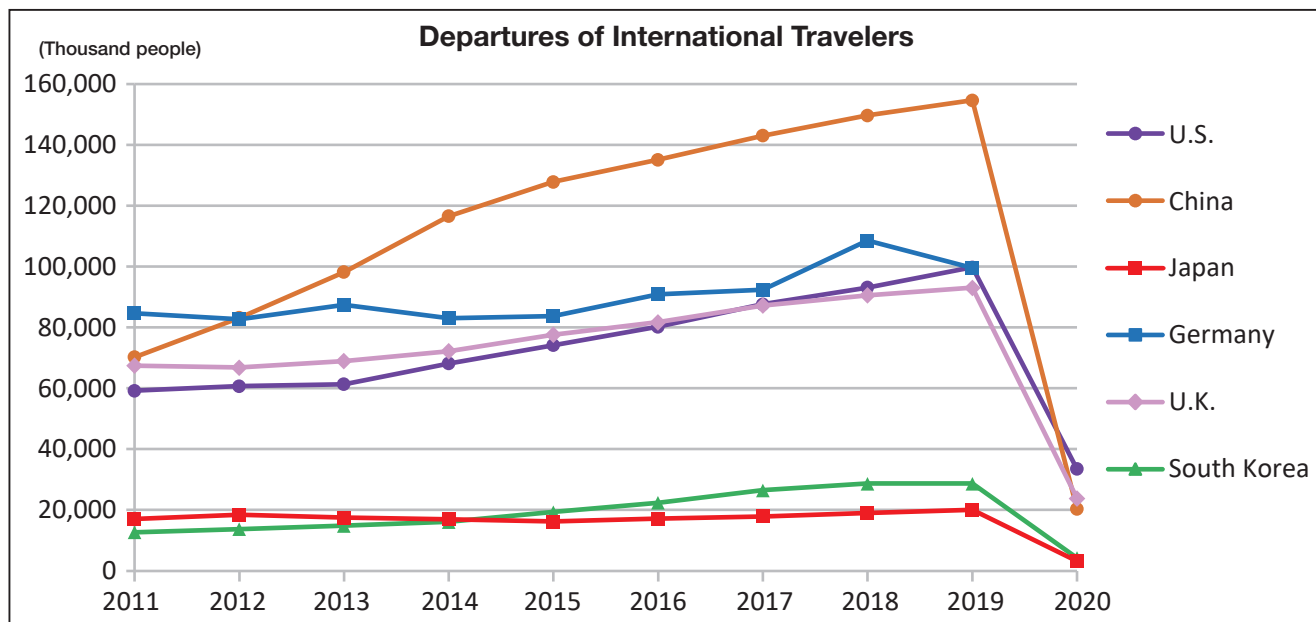
\* Estimate

Notes: 2020 estimate is based on the spending by travelers from January to March. The 2021 figures are not available due to COVID-19. Figures exclude the payments to national carriers for international transport.

Source: Japan Tourism Agency <https://www.mlit.go.jp/kankocho/siryoutoukei/syouthityousa.html>

## 4-4 Outbound Tourism

外国旅行者数



Notes: U.K., S. Korea and Japan include departures of same-day visitors (excursionists).

All other countries indicate departures of overnight tourists.

Source: The World Tourism Organization (UNWTO) <https://www.e-unwto.org/toc/unwtotfb/current>**Departures of International Travelers**

(Thousand people)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
U.S.	59,209	60,697	61,344	68,185	74,191	80,223	87,657	93,137	99,744	33,499
Germany	84,692	82,729	87,459	83,008	83,737	90,966	92,402	108,542	99,533	N/A
China	70,250	83,182	98,185	116,593	127,860	135,130	143,035	149,720	154,632	20,334
Italy	27,831	27,376	26,305	26,862	27,494	29,067	31,805	33,347	34,703	11,960
France	26,155	25,317	26,062	27,919	26,648	26,483	29,055	30,509	30,407	11,937
Ukraine	19,773	21,433	23,761	22,438	23,142	24,668	26,437	27,811	28,880	11,018
Mexico	14,799	15,581	15,911	18,261	19,603	20,223	19,067	19,748	19,810	7,345
India	13,994	14,920	16,626	18,330	20,376	21,872	23,943	26,296	26,915	7,295
Netherlands	18,560	18,628	18,094	17,928	17,535	18,152	20,763	20,981	22,045	N/A
Belgium	9,727	9,576	10,803	10,991	10,835	13,372	14,628	15,627	17,321	7,108
U.K.	67,493	66,858	68,959	72,204	77,619	81,757	87,242	90,571	93,086	23,827
S. Korea	12,694	13,737	14,846	16,081	19,310	22,383	26,496	28,696	28,714	4,276
<b>Japan</b>	<b>16,994</b>	<b>18,491</b>	<b>17,473</b>	<b>16,903</b>	<b>16,214</b>	<b>17,116</b>	<b>17,889</b>	<b>18,954</b>	<b>20,081</b>	<b>3,174</b>
Indonesia	6,750	7,454	8,025	8,074	8,176	8,340	8,856	9,468	11,689	2,918

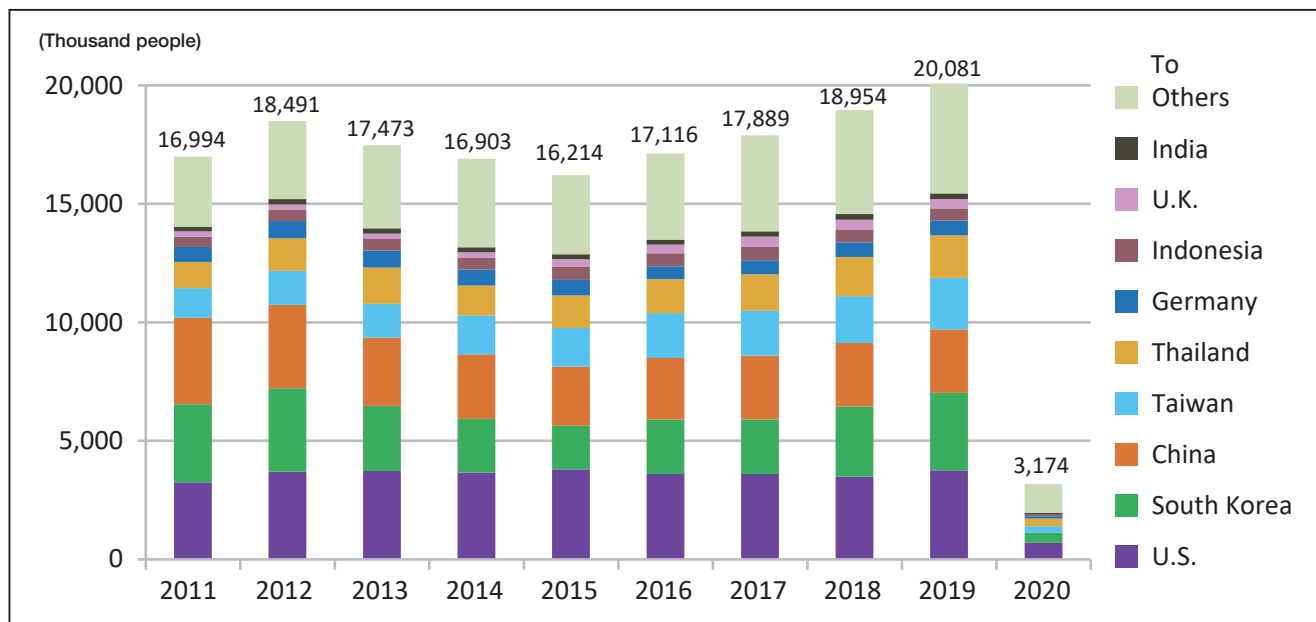
Notes: U.K., S. Korea, Japan and Indonesia include departures of same-day visitors (excursionists).

All other countries indicate departures of overnight tourists.

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

## 4-5 Japanese Outbound Travelers

日本人出国者数



Notes: China, S. Korea, Taiwan, U.K. and Indonesia (from 2012) figures include same-day visitors. In 2020 Others includes China and India.  
Source: UNWTO, National Tourism Organization and Statistics Bureau data of each destination compiled by the Japan National Tourism Organization.  
[https://www.jnto.go.jp/jpn/statistics/visitor\\_trends/index.html](https://www.jnto.go.jp/jpn/statistics/visitor_trends/index.html)

## Japanese Outbound Travelers

(Thousand people)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
U.S.	3,250	3,698	3,730	3,653	3,793	3,604	3,596	3,493	3,753	697
S. Korea	3,289	3,519	2,748	2,280	1,838	2,298	2,311	2,949	3,272	431
China	3,658	3,518	2,878	2,718	2,498	2,587	2,680	2,690	2,676	N/A
Thailand	1,103	1,374	1,536	1,268	1,382	1,440	1,544	1,656	1,806	320
Taiwan	1,243	1,432	1,422	1,635	1,627	1,896	1,899	1,969	2,168	270
Germany	643	734	712	671	647	545	585	613	615	96
Indonesia	423	463	497	505	550	545	573	531	520	92
U.K.	237	243	225	222	323	368	433	429	389	N/A
India	194	220	220	220	207	209	223	236	239	48
Others	2,954	3,290	3,506	3,731	3,349	3,624	4,045	4,388	4,643	*1,220
Total	16,994	18,491	17,473	16,903	16,214	17,116	17,889	18,954	20,081	3,174

Notes: China, S. Korea, Taiwan, U.K. and Indonesia (from 2012) figures include same-day visitors. \* Others includes China and India.  
Source: UNWTO, National Tourism Organization and Statistics Bureau data of each destination compiled by the Japan National Tourism Organization.  
[https://www.jnto.go.jp/jpn/statistics/visitor\\_trends/index.html](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 2020)

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	<sup>W</sup> 99,082	1 China	343,761	1 China	143,867	1 China	39,281	1		1 China	58,746
2 Vietnam	44,128	2 India	128,578	2 India	55,232	2 India	25,130	2		2 Vietnam	19,098
3 Nepal	18,436	3 S. Korea	46,996	3 U.S.	19,762	3 Syria	15,769	3		3 Uzbekistan	7,426
4 Korea	<sup>W</sup> 15,822	4 Saudi Arabia	30,860	4 Hong Kong	16,332	4 Austria	14,514	4		4 Mongolia	5,214
5 Sri Lanka	5,522	5 Canada	26,524	5 Italy	14,479	5 Russia	11,055	5	N/A	5 Nepal	2,236
6 Indonesia	5,095	6 Vietnam	25,183	6 France	13,912	6 Turkey	10,862	6		<b>6 Japan</b>	<b>1,778</b>
7 Myanmar	3,652	7 Brazil	16,086	7 Malaysia	13,470	10 U.S.	8,246	7		9 Indonesia	1,078
11 U.S.	2,478	<b>9 Japan</b>	<b>14,166</b>	9 Germany	12,445	15 S. Korea	6,352	8		10 India	994
13 India	1,347	13 U.K.	9,646	24 S. Korea	5,753	22 U.K.	4,999	9		11 U.S.	945
17 Germany	846	17 Indonesia	8,039	31 Indonesia	3,420	33 Indonesia	2,832	10		36 Germany	112
19 U.K.	586	20 Germany	6,823	<b>40 Japan</b>	<b>2,822</b>	<b>36 Japan</b>	<b>2,282</b>	11		44 U.K.	72
Total	222,661	Total	957,475	Total	550,877	Total	368,717	Total	225,100	Total	111,568

<sup>W</sup> China includes the special administrative regions, Hong Kong and Macao. Korea includes DPR Korea.

Sources: OECD <https://stats.oecd.org/>, UNESCO Institute of Statistics <http://data.uis.unesco.org/>

## 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)

1	China	1,088,466
2	India	516,238
3	Vietnam	132,559
4	Germany	123,512
5	U.S.	109,827
6	France	108,654
7	S. Korea	100,610
8	Nepal	95,268
9	Kazakhstan	90,333
10	Brazil	89,151

11	Syria	87,057
12	Uzbekistan	85,876
13	Italy	84,449
14	Ukraine	79,939
15	Nigeria	71,753
16	Turkmenistan	68,232
17	Iran	66,701
18	Pakistan	64,604
19	Morocco	63,001
20	Saudi Arabia	58,936

(Year 2020)

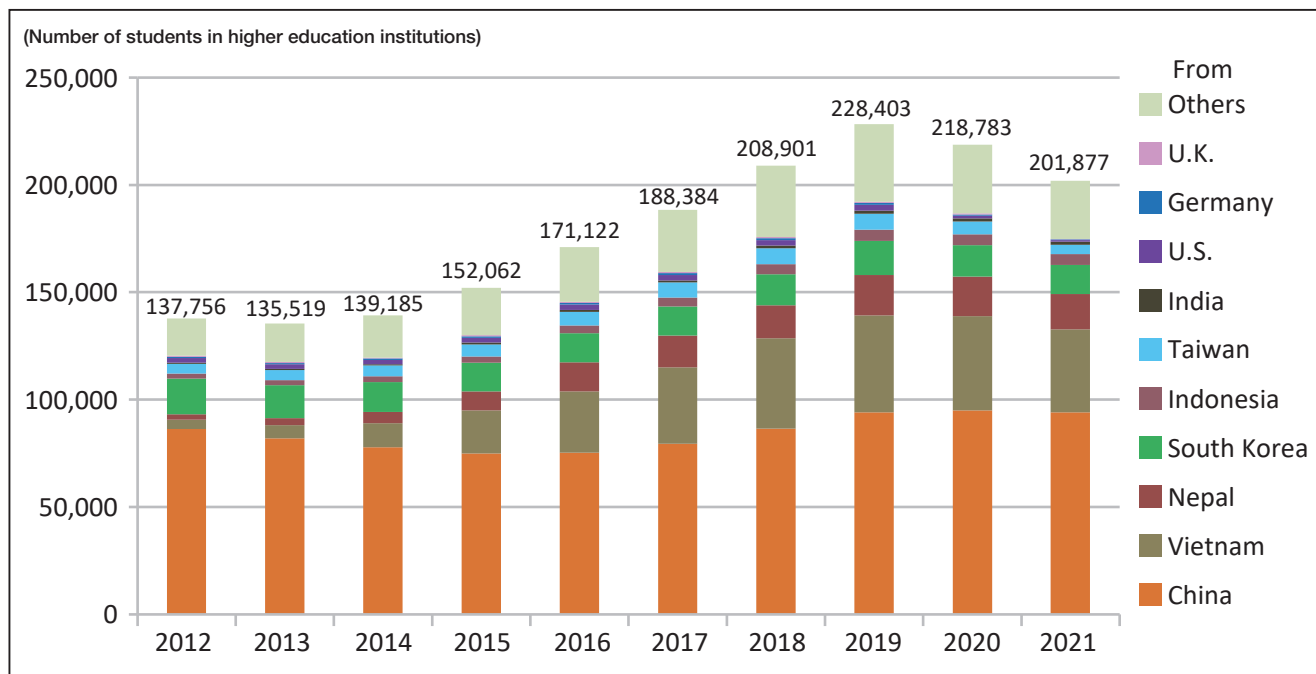
23	Indonesia	55,961
32	U.K.	40,074
<b>38</b>	<b>Japan</b>	<b>32,913</b>

Note: Figures are estimates, except China.

Source: UNESCO Institute of Statistics <http://data.uis.unesco.org/>

## 4-8 Foreign Students in Japan

## 日本への留学生



Source: Japan Student Services Organization <https://www.studyinJapan.go.jp/ja/statistics/zaiseiki/data/2021.html>

## Foreign Students in Japan

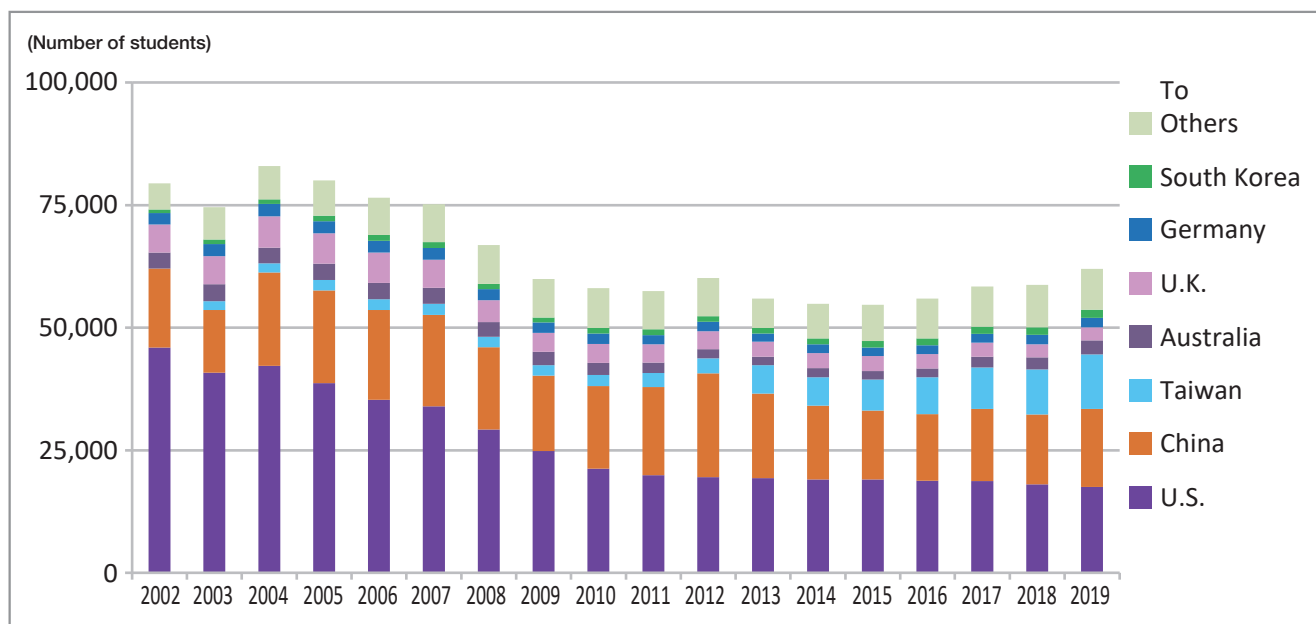
(Number of students in higher education institutions)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
China	86,324	81,884	77,792	74,921	75,262	79,502	86,439	94,047	95,003	94,063
Vietnam	4,373	6,290	11,174	20,131	28,579	35,489	42,083	45,248	43,791	38,592
Nepal	2,451	3,188	5,291	8,691	13,456	14,850	15,329	18,662	18,454	16,500
S. Korea	16,651	15,304	13,940	13,397	13,571	13,538	14,557	15,977	14,654	13,652
Indonesia	2,276	2,410	2,705	2,995	3,670	4,235	4,719	5,204	5,132	5,065
Taiwan	4,617	4,719	4,971	5,610	6,401	6,994	7,423	7,518	5,888	4,309
India	541	560	622	773	880	964	1,163	1,395	1,404	1,345
U.S.	2,133	2,083	1,975	2,223	2,428	2,516	2,596	2,637	1,411	833
Germany	566	599	674	804	836	831	877	882	563	266
U.K.	429	452	454	426	477	563	629	629	473	253
Others	17,395	18,030	19,587	22,091	25,562	28,902	33,086	36,204	32,010	26,999
Total	137,756	135,519	139,185	152,062	171,122	188,384	208,901	228,403	218,783	201,877

Source: Japan Student Services Organization <https://www.studyinJapan.go.jp/ja/statistics/zaiseiki/data/2021.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 [https://www.mext.go.jp/a\\_menu/koutou/ryugaku/1412692.htm](https://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 <https://www.oecd.org/education/education-at-a-glance/>

## Overseas Japanese in Higher Education Institutions

(Number of students)

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
U.S.	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	18,753	18,105	17,554
China	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	14,717	14,230	15,913
Taiwan	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	8,413	9,196	11,064
Australia	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	2,244	2,429	2,874
U.K.	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	2,846	2,670	2,684
Germany	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	1,816	1,916	1,930
S. Korea	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	1,455	1,558	1,661
Others	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	8,164	8,616	8,309
Total	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	58,408	58,720	61,989

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 (visit is less than 180 days) who are enrolled in Chinese higher education institutions.

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

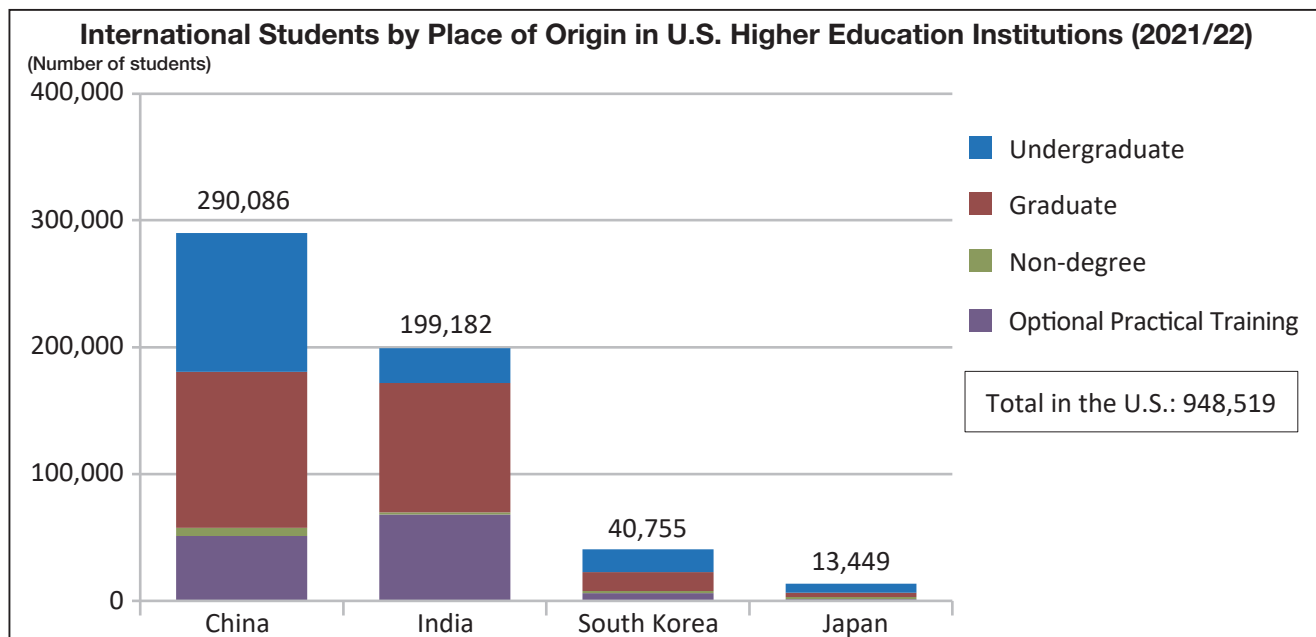
Others: From 2013, foreign students are comprised of students in higher education institutions who moved from a previous country of residence or origin to another country for the purpose of studying abroad for a degree; does not include short-term students such as those in exchange programs.

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

Sources: Ministry of Education, Culture, Sports, Science and Technology [https://www.mext.go.jp/a\\_menu/koutou/ryugaku/1412692.htm](https://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 <https://www.oecd.org/education/education-at-a-glance/>

## 4-10 International Students in the U.S.

在米外国人留学生



Note: Historical data may not always sum to totals.

Source: Institute of International Education. (2022). "International Students by Place of Origin and Academic Level, 2000/01 - 2021/22"  
*Open Doors Report on International Educational Exchange*. Retrieved from <https://opendoorsdata.org/>.

**International Students by Place of Origin in U.S. Higher Education Institutions (2021/22)**  
(Number of students)

	Undergraduate	Graduate	Non-degree	Optional Practical Training	Total
China	109,492	123,182	6,213	51,199	290,086
India	27,545	102,024	1,425	68,188	199,182
S. Korea	18,262	14,915	1,555	6,023	40,755
<b>Japan</b>	<b>7,008</b>	<b>3,290</b>	<b>2,017</b>	<b>1,134</b>	<b>13,449</b>
Others	182,225	141,686	22,921	58,215	405,047
<b>Total</b>	<b>344,532</b>	<b>385,097</b>	<b>34,131</b>	<b>184,759</b>	<b>948,519</b>

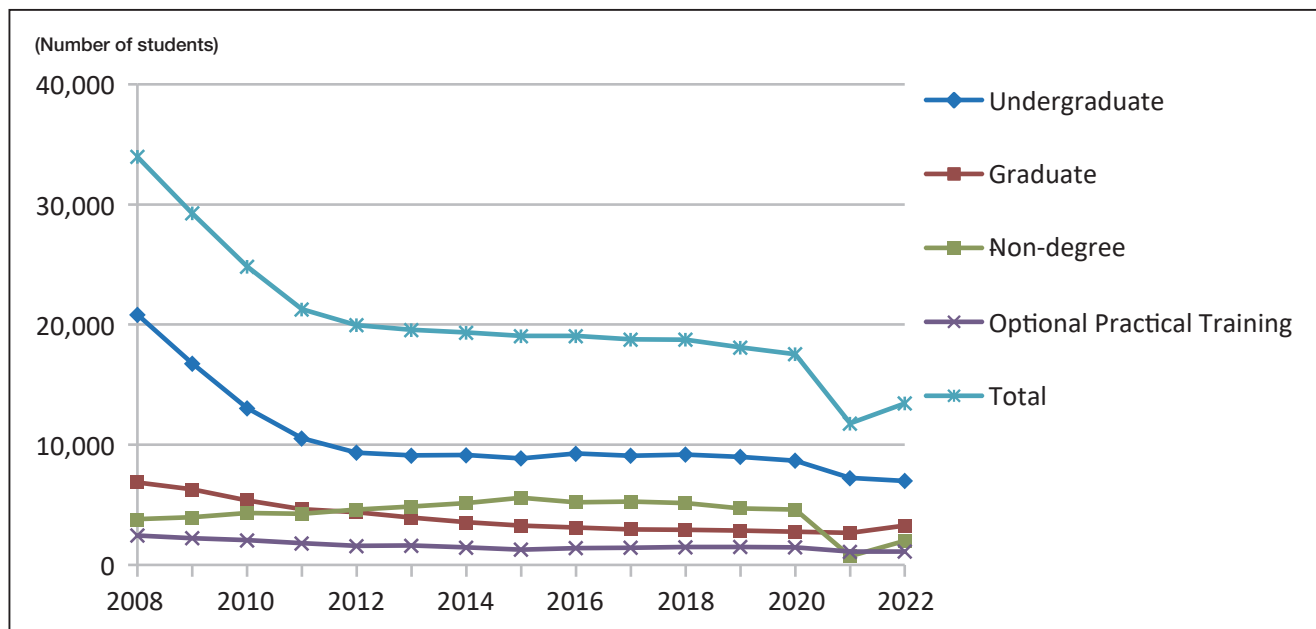
Note: Historical data may not always sum to totals.

Source: Institute of International Education. (2022). "International Students by Place of Origin and Academic Level, 2000/01 - 2021/22"  
*Open Doors Report on International Educational Exchange*. Retrieved from <https://opendoorsdata.org/>.



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

学位別在米日本人留学生



Note: Historical data may not always sum to totals.

Source: Institute of International Education. (2022). "International Students by Place of Origin and Academic Level, 2000/01 - 2021/22" *Open Doors Report on International Educational Exchange*. Retrieved from <https://opendoorsdata.org/>.

## Japanese Students in the U.S. by Academic Level

(Number of students)

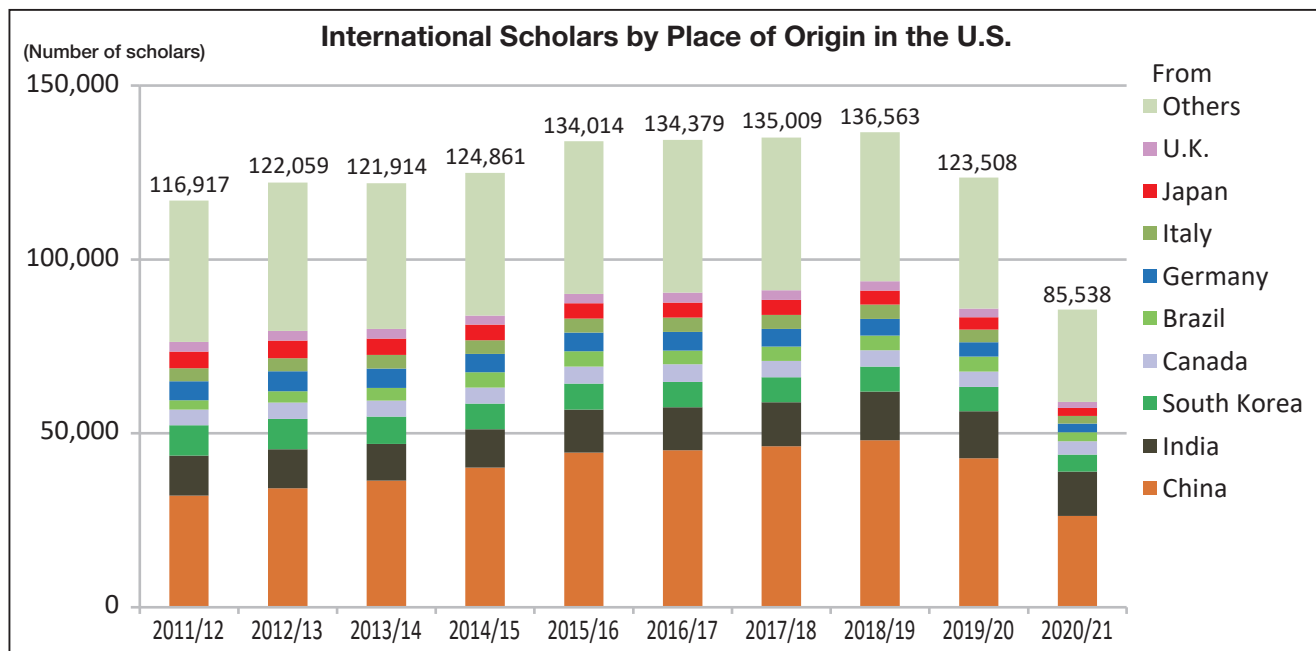
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Undergraduate	20,831	16,770	13,063	10,544	9,359	9,126	9,155	8,877	9,285	9,095	9,190	9,001	8,684	7,243	7,008
Graduate	6,878	6,287	5,390	4,650	4,403	3,944	3,562	3,290	3,125	2,967	2,918	2,875	2,774	2,678	3,290
Non-degree	3,806	3,970	4,321	4,276	4,611	4,868	5,159	5,612	5,234	5,271	5,144	4,713	4,621	744	2,017
Optional Practical Training	2,459	2,237	2,068	1,820	1,593	1,630	1,458	1,285	1,416	1,447	1,501	1,516	1,475	1,120	1,134
Total	33,974	29,264	24,842	21,290	19,966	19,568	19,334	19,064	19,060	18,780	18,753	18,105	17,554	11,785	13,449

Note: Historical data may not always sum to totals.

Source: Institute of International Education. (2022). "International Students by Place of Origin and Academic Level, 2000/01 - 2021/22" *Open Doors Report on International Educational Exchange*. Retrieved from <https://opendoorsdata.org/>.

## 4-12 International Scholars in the U.S.

在米外国人研究者数



Note: Historical data may not always sum to totals.

Source: Institute of International Education (IIE) <https://opendoorsdata.org/data/international-scholars/leading-places-of-origin/>**International Scholars by Place of Origin in the U.S.**

(Number of scholars)

	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
China	32,120	34,230	36,409	40,193	44,490	45,089	46,256	47,964	42,863	26,254
India	11,467	11,184	10,506	10,937	12,379	12,447	12,652	14,073	13,511	12,714
S. Korea	8,769	8,696	7,934	7,415	7,395	7,289	7,265	7,173	7,007	4,928
Canada	4,493	4,741	4,551	4,611	4,976	5,018	4,688	4,634	4,399	3,863
Brazil	2,627	3,264	3,673	4,394	4,345	3,939	4,096	4,275	4,268	2,584
Germany	5,477	5,710	5,546	5,318	5,345	5,352	5,071	4,807	4,177	2,419
Italy	3,792	3,804	3,887	3,866	4,036	4,121	4,070	4,062	3,577	2,275
<b>Japan</b>	<b>4,783</b>	<b>5,041</b>	<b>4,705</b>	<b>4,511</b>	<b>4,478</b>	<b>4,361</b>	<b>4,310</b>	<b>4,079</b>	<b>3,566</b>	<b>2,243</b>
U.K.	2,741	2,787	2,805	2,635	2,687	2,883	2,729	2,701	2,458	1,736
Others	40,648	42,602	41,898	40,981	43,883	43,880	43,872	42,795	37,682	26,522
<b>Total</b>	<b>116,917</b>	<b>122,059</b>	<b>121,914</b>	<b>124,861</b>	<b>134,014</b>	<b>134,379</b>	<b>135,009</b>	<b>136,563</b>	<b>123,508</b>	<b>85,538</b>

Note: Historical data may not always sum to totals.

Source: Institute of International Education (IIE) <https://opendoorsdata.org/data/international-scholars/leading-places-of-origin/>

## 4-13 University Rankings

## 大学ランキング

## The Times Higher Education World University Rankings (2023)

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

	Institution	Country
11	Columbia University	U.S.
11	ETH Zurich-Swiss Federal Institute of Technology Zurich	Switzerland
13	The University of Chicago	U.S.
14	University of Pennsylvania	U.S.
15	Johns Hopkins University	U.S.
16	Tsinghua University	China
17	Peking University	China
18	University of Toronto	Canada
19	National University of Singapore	Singapore
20	Cornell University	U.S.
<b>39</b>	<b>The University of Tokyo</b>	<b>Japan</b>
<b>68</b>	<b>Kyoto University</b>	<b>Japan</b>

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

(Year 2021)

## TOEFL iBT Total Score Means

## &lt;AFRICA&gt;

Kenya	81
Mauritius	89
S. Africa	98
Zimbabwe	89

## &lt;AMERICAS&gt;

Canada	97
Colombia	85
Uruguay	94
U.S.	93

## &lt;MIDDLE EAST&gt;

Bahrain	92
Iran	93
Israel	93

## &lt;EUROPE&gt;

Austria	102
France	89
Germany	100
Spain	92
U.K.	98

## &lt;ASIA/PACIFIC REGION&gt;

China	87
India	96
Indonesia	88
<b>Japan</b>	<b>73</b>
S. Korea	86
Singapore	98
New Zealand	96

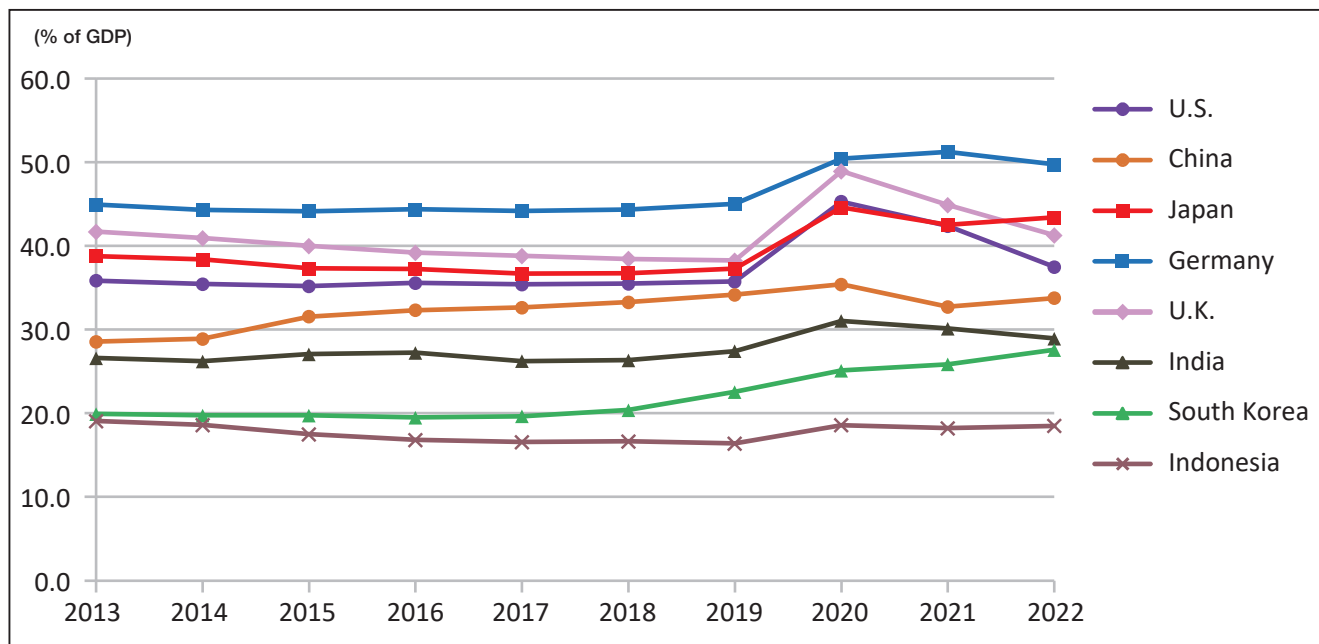
Notes: The score range is from 0 to 120.

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.html>

## 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 World Economic Outlook Database, October 2022 <https://www.imf.org/en/Publications/WEO/weo-database/2022/October>

## General Government Spending to GDP

(% of GDP)

	2013	2014	2015	2016	2017	2018	2019	2020	2021	*2022
U.S.	35.8	35.4	35.2	35.6	35.4	35.5	35.7	45.3	42.4	37.5
China	28.6	28.9	31.6	32.3	32.6	33.3	34.2	35.4	*32.7	33.8
<b>Japan</b>	<b>38.8</b>	<b>38.4</b>	<b>37.3</b>	<b>37.2</b>	<b>36.7</b>	<b>36.7</b>	<b>37.3</b>	<b>44.6</b>	<b>*42.5</b>	<b>43.4</b>
Germany	44.9	44.3	44.1	44.4	44.2	44.3	45.0	50.4	51.3	49.7
U.K.	41.7	40.9	40.0	39.2	38.8	38.4	38.2	48.9	44.9	41.3
India	26.6	26.2	27.1	27.2	26.2	26.3	27.4	31.1	*30.1	28.9
S. Korea	19.9	19.8	19.7	19.5	19.6	20.4	22.6	25.1	25.8	27.6
Indonesia	19.1	18.6	17.5	16.8	16.6	16.6	16.4	18.6	18.2	18.5

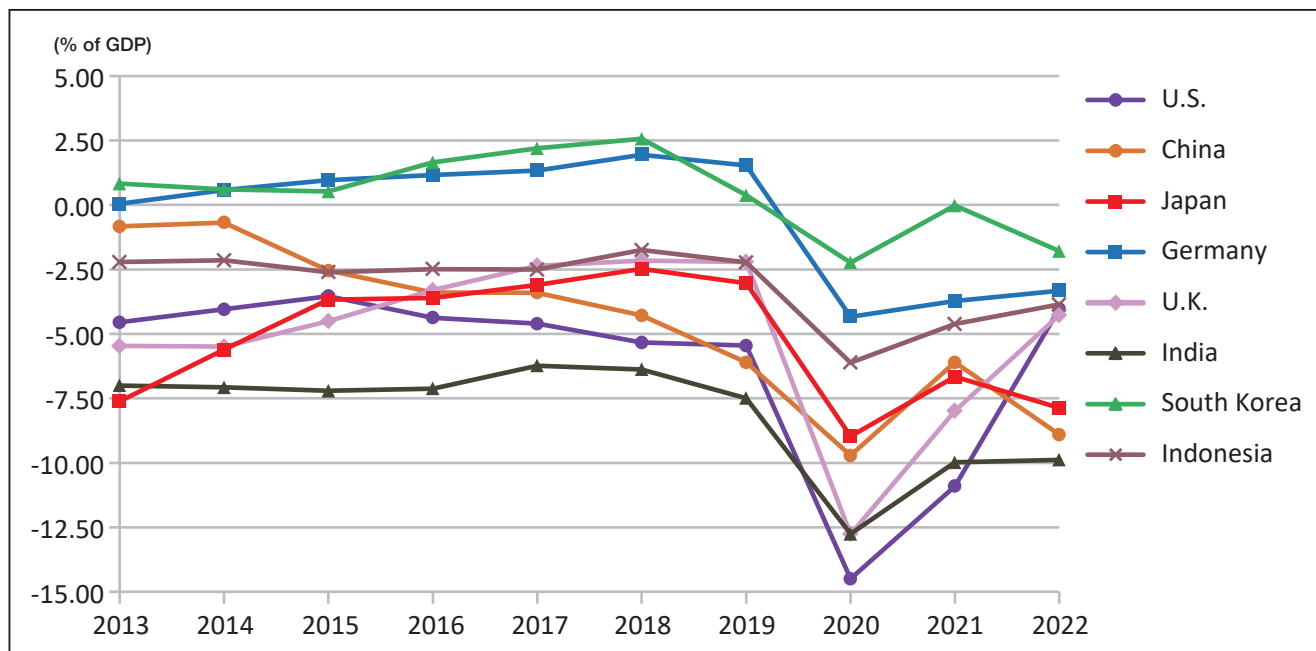
\* Estimate

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

Source: IMF World Economic Outlook Database, October 2022 <https://www.imf.org/en/Publications/WEO/weo-database/2022/October>

## 5-2 Government Budget Balance to GDP

財政収支(対GDP比)



Note: Government budget balance is net lending/borrowing.

Source: IMF World Economic Outlook Database, October 2022 <https://www.imf.org/en/Publications/WEO/weo-database/2022/October>

## Government Budget Balance to GDP

(% of GDP)

	2013	2014	2015	2016	2017	2018	2019	2020	2021	*2022
U.S.	-4.55	-4.05	-3.53	-4.37	-4.60	-5.33	-5.46	-14.49	-10.91	-4.03
China	-0.84	-0.68	-2.54	-3.39	-3.40	-4.28	-6.10	-9.72	*-6.10	-8.90
<b>Japan</b>	<b>-7.61</b>	<b>-5.62</b>	<b>-3.68</b>	<b>-3.60</b>	<b>-3.10</b>	<b>-2.47</b>	<b>-3.03</b>	<b>-8.97</b>	<b>*-6.66</b>	<b>-7.87</b>
Germany	0.04	0.58	0.96	1.16	1.34	1.95	1.53	-4.33	-3.73	-3.32
U.K.	-5.47	-5.50	-4.51	-3.30	-2.35	-2.16	-2.21	-12.76	-7.99	-4.27
India	-7.00	-7.07	-7.21	-7.12	-6.23	-6.38	-7.49	-12.76	*-9.98	-9.88
S. Korea	0.83	0.60	0.52	1.65	2.19	2.56	0.37	-2.23	-0.02	-1.79
Indonesia	-2.22	-2.15	-2.60	-2.49	-2.51	-1.75	-2.23	-6.11	-4.62	-3.86

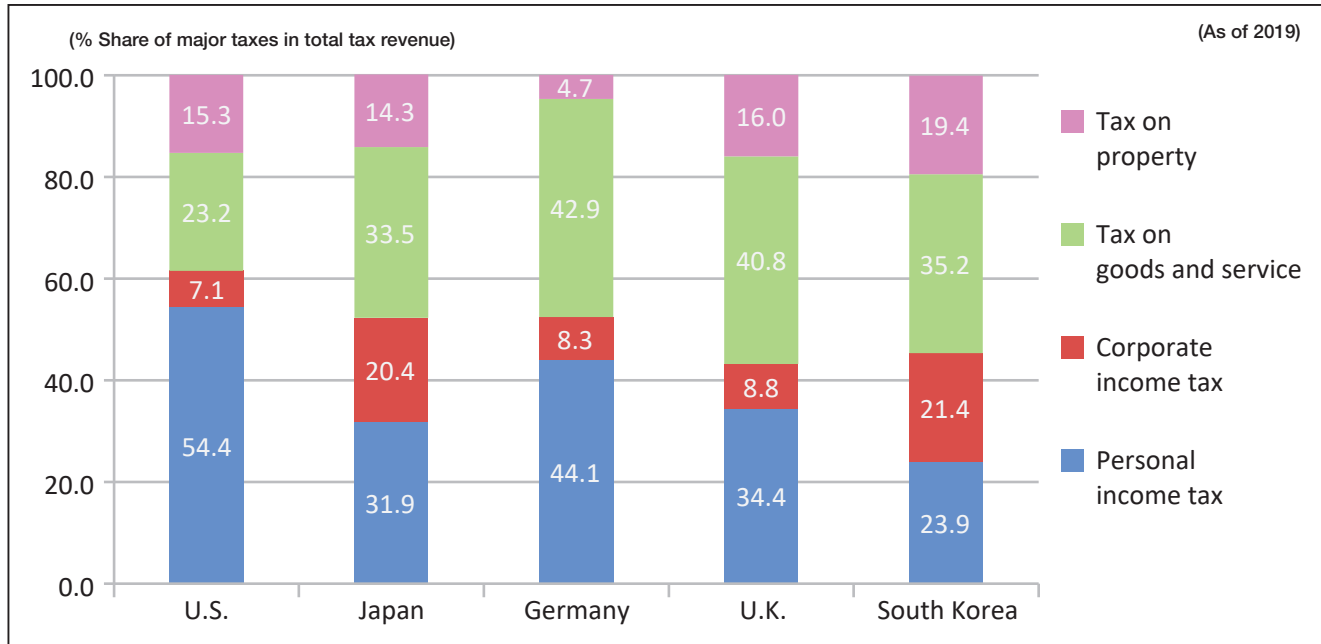
\* Estimate

Note: Government budget balance is net lending/borrowing.

Source: IMF World Economic Outlook Database, October 2022 <https://www.imf.org/en/Publications/WEO/weo-database/2022/October>

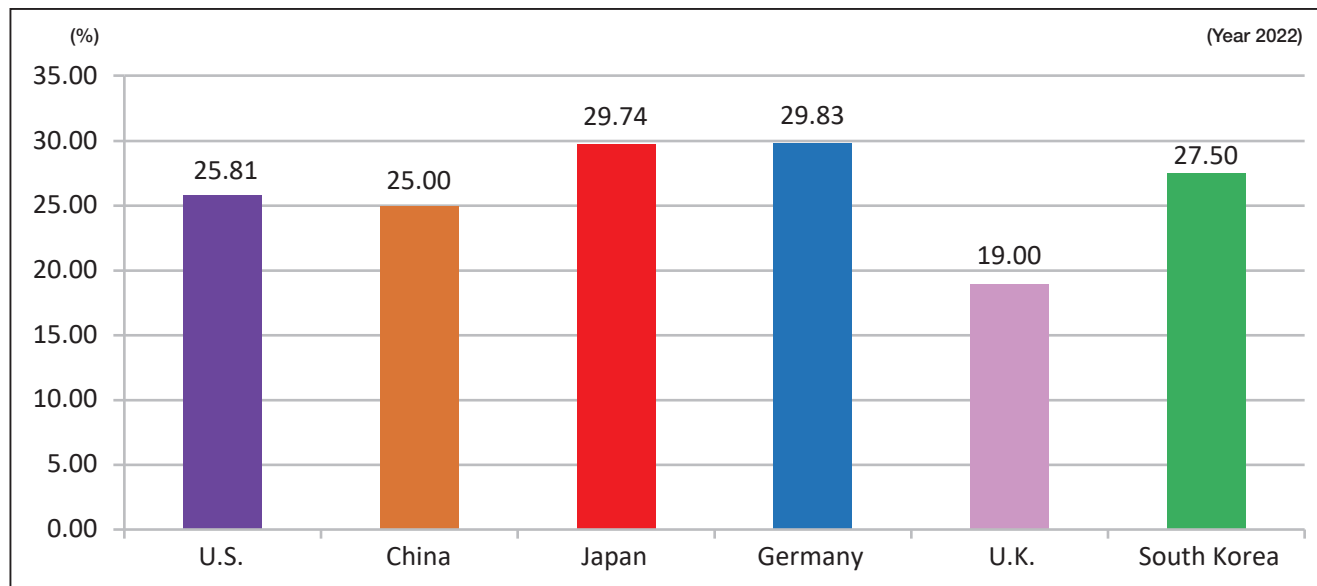
## 5-3 Tax Revenue Structure

## 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](https://www.mof.go.jp/tax_policy/summary/condition/a03.htm)



Notes: U.S. utilizes the sub-central rate, a weighted average of state corporate income tax rates. China's rate is the standard rate (qualified enterprises are eligible for a reduced rate).

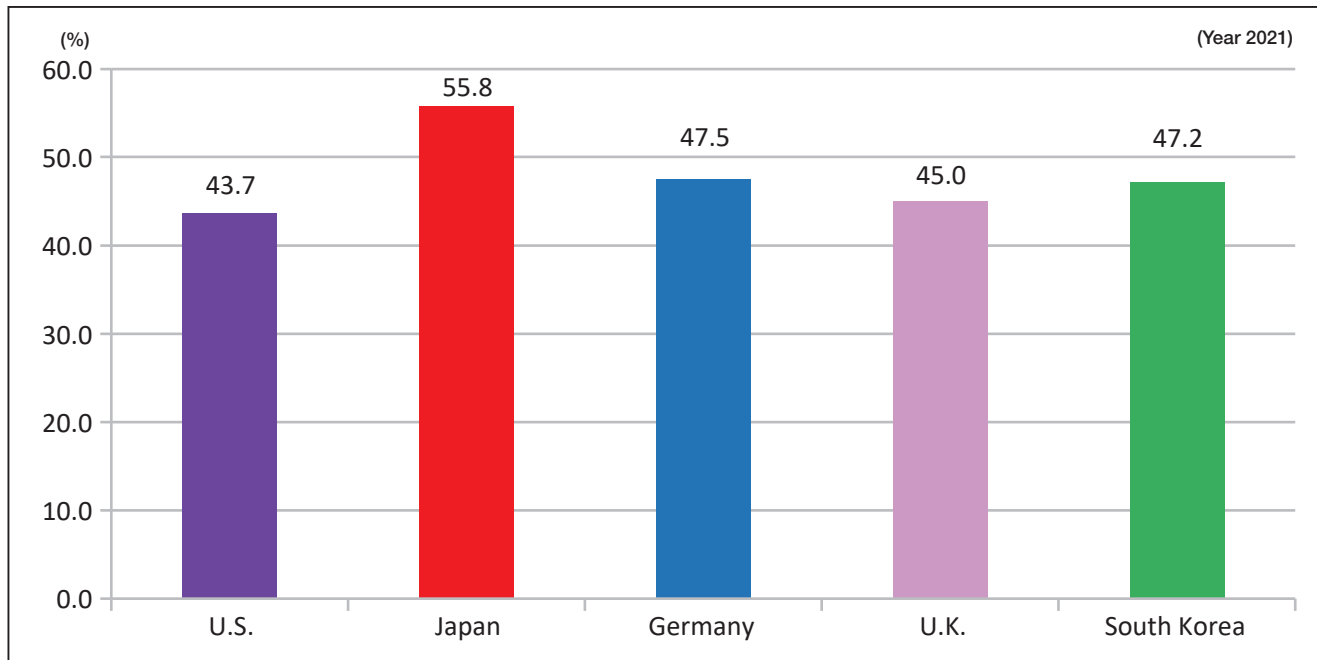
Source: OECD Tax Database <https://www.oecd.org/tax/tax-policy/tax-database/>

State Taxation Administration of China <http://www.chinatax.gov.cn/eng/c101280/c5099666/content.html>

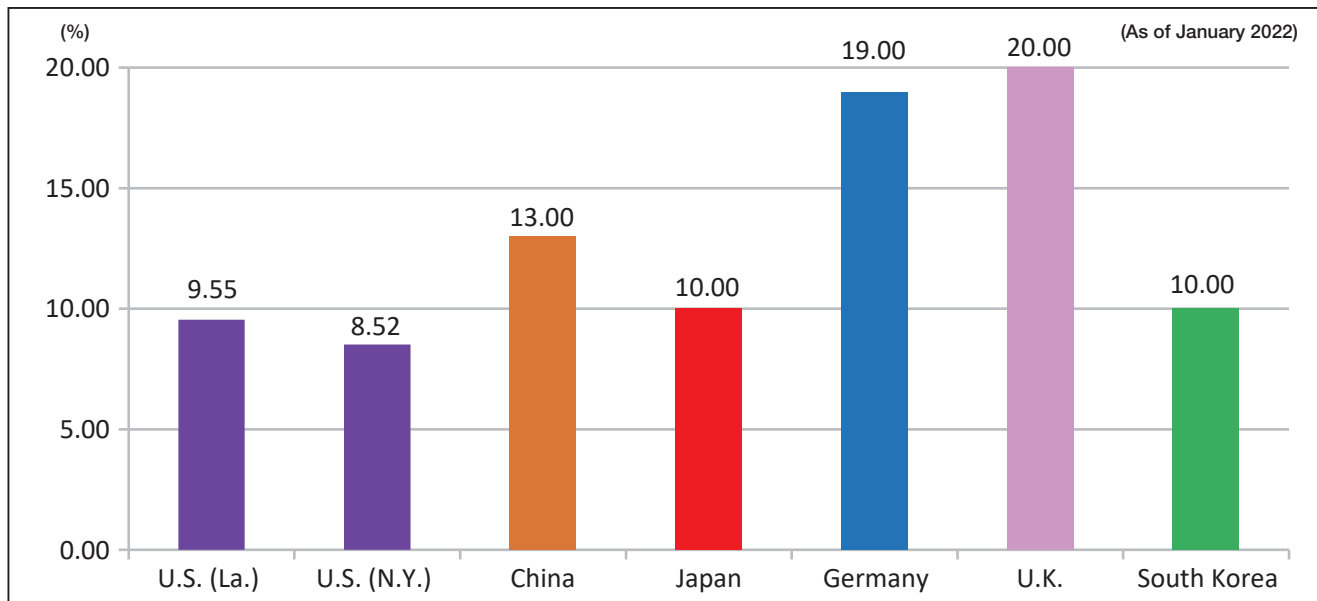


## 5-5 Top Marginal Personal Income Tax Rates

## 所得税最高税率



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



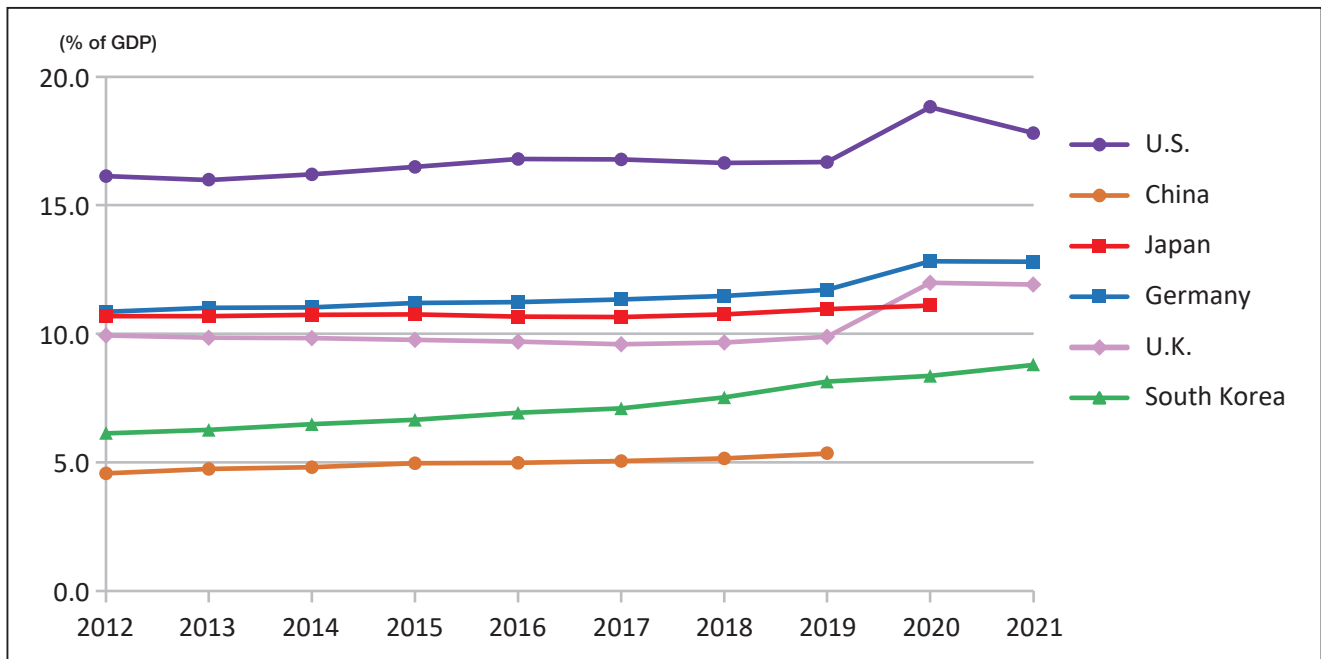
Note: U.S. rates are state and average local tax rates combined, as of July, 2022. Louisiana is ranked 1, N.Y. is ranked 10 of all 50 U.S. states.

Sources: Ministry of Finance [https://www.mof.go.jp/tax\\_policy/summary/itn\\_comparison/j04.htm](https://www.mof.go.jp/tax_policy/summary/itn_comparison/j04.htm)

Tax Foundation <https://taxfoundation.org/publications/state-and-local-sales-tax-rates/>

## 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)

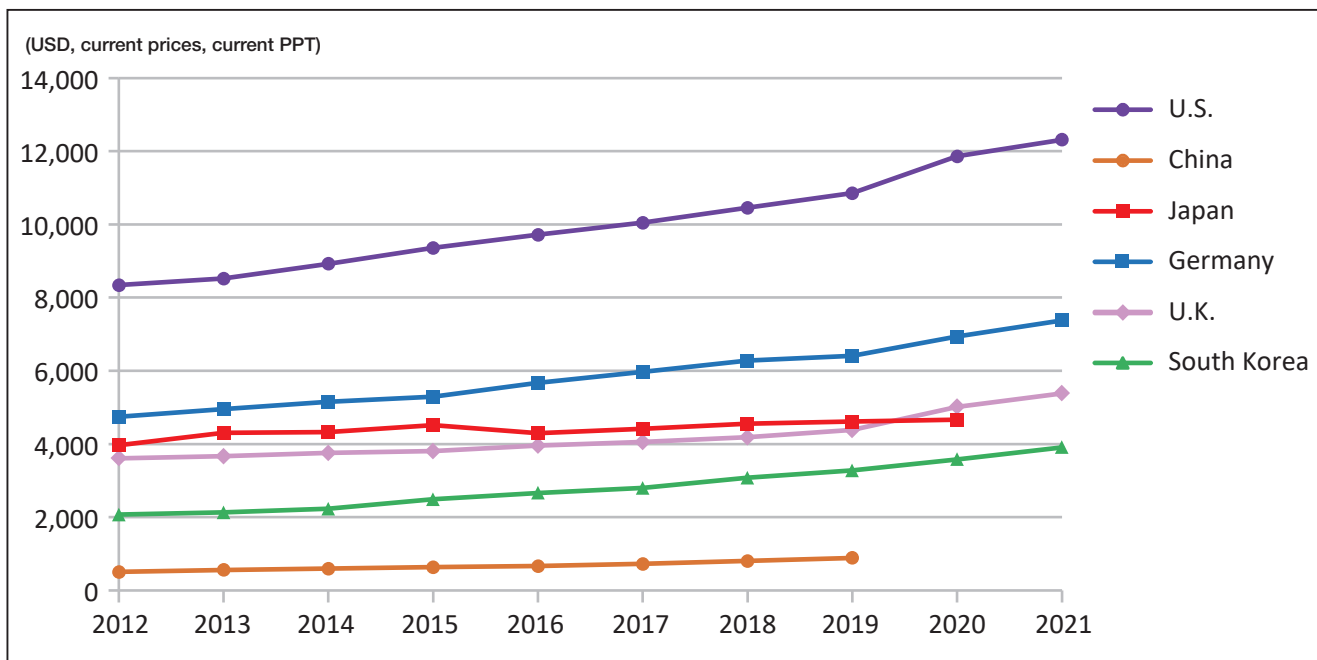
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
U.S.	16.1	16.0	16.2	16.5	16.8	16.8	16.6	16.7	18.8	*17.8
Canada	10.5	10.4	10.3	10.7	11.0	10.9	10.8	11.0	<sup>D</sup> 12.9	<sup>D</sup> 11.7
Germany	10.9	11.0	11.0	11.2	11.2	11.3	11.5	11.7	12.8	<sup>P</sup> 12.8
France	11.3	<sup>B</sup> 11.4	11.5	11.4	11.5	11.4	11.2	11.1	12.2	<sup>P</sup> 12.4
U.K.	9.9	9.8	9.8	9.8	9.7	9.6	9.7	9.9	12.0	<sup>P</sup> 11.9
Austria	10.2	10.3	10.4	10.4	10.4	10.4	10.3	10.5	11.5	<sup>P</sup> 12.2
Sweden	10.7	10.9	10.9	10.8	10.9	10.8	10.9	10.8	<sup>P</sup> 11.5	<sup>P</sup> 11.4
<b>Japan</b>	<b>10.7</b>	<b>10.7</b>	<b>10.7</b>	<b>10.8</b>	<b>10.7</b>	<b>10.7</b>	<b>10.7</b>	<b>11.0</b>	<b><sup>P</sup>11.1</b>	<b>N/A</b>
S. Korea	6.1	6.2	6.5	6.7	6.9	7.1	7.5	8.1	8.4	<sup>P</sup> 8.8
China	4.6	4.7	4.8	5.0	5.0	5.0	5.1	5.3	N/A	

\* Estimate. B Break in series. D Difference in methodology. 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)

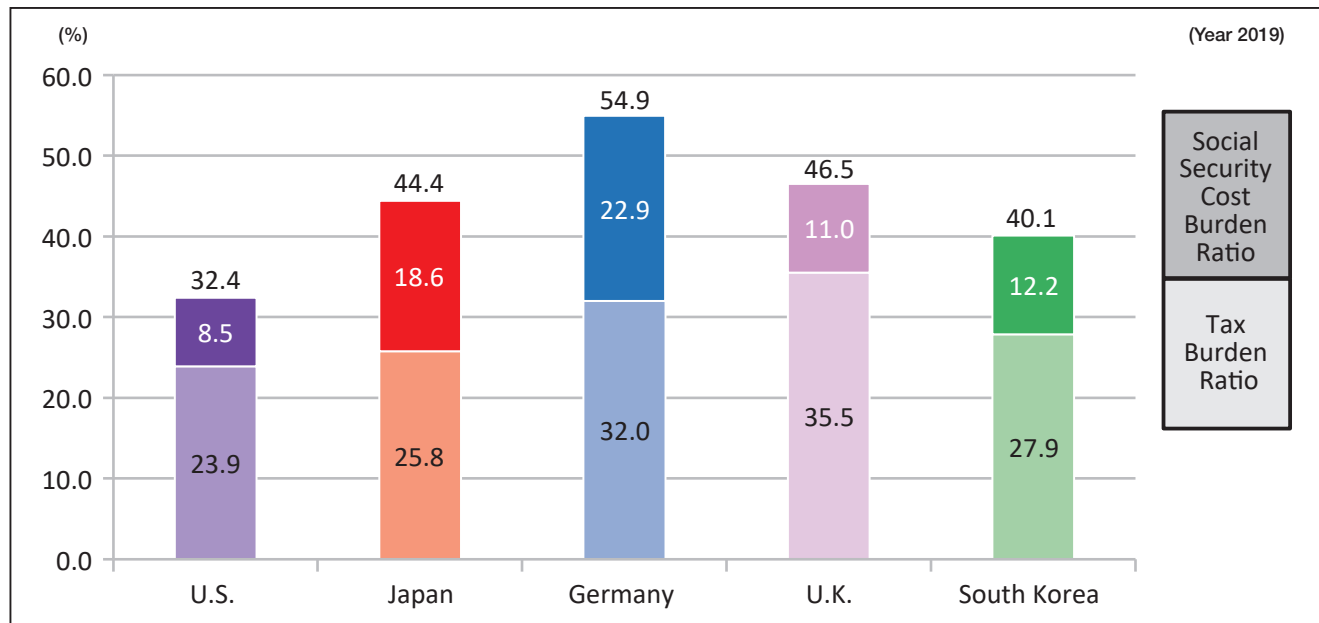
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
U.S.	8,346	8,520	8,926	9,355	9,718	10,046	10,451	10,856	11,859	<sup>*</sup> 12,318
Switzerland	5,565	5,924	6,159	6,466	6,808	6,866	6,931	6,942	7,179	N/A
Germany	4,746	4,952	5,152	5,296	5,669	5,970	6,282	6,408	6,939	<sup>P</sup> 7,383
Norway	5,210	5,486	5,707	5,727	5,904	6,234	6,495	6,476	6,582	<sup>P</sup> 7,065
Netherlands	4,782	4,924	4,935	4,927	5,096	5,254	5,482	5,644	6,180	<sup>P</sup> 6,753
U.K.	3,614	3,668	3,759	3,806	3,960	4,059	4,190	4,385	5,019	<sup>P</sup> 5,387
<b>Japan</b>	<b>3,971</b>	<b>4,308</b>	<b>4,328</b>	<b>4,516</b>	<b>4,296</b>	<b>4,413</b>	<b>4,554</b>	<b>4,611</b>	<b><sup>P</sup>4,666</b>	<b>N/A</b>
S. Korea	2,072	2,129	2,233	2,492	2,665	2,802	3,079	3,277	3,582	<sup>P</sup> 3,914
China	509	562	596	635	668	730	811	894	N/A	

\* Estimate. P Provisional value.

Source: OECD [https://stats.oecd.org](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](https://www.mof.go.jp/tax_policy/summary/condition/a04.htm)

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

## 各国の研究開発投資(拠出元別)

(Year 2020)

(Million USD, current prices, % by source)

	Total	% of GDP	Business enterprise	Government	Higher education	Others
U.S.	<sup>P</sup> 720,880	3.5%	* 477,474 (66.2%)	<sup>P</sup> 144,762 (20.1%)	<sup>P</sup> 22,670 (3.1%)	<sup>P</sup> 75,974 (10.5%)
China	583,755	2.4%	452,179 (77.5%)	115,481 (19.8%)	N/A	16,095 (2.8%)
<b>Japan</b>	<b>174,065</b>	<b>3.3%</b>	<b>136,303 (78.3%)</b>	<b>* 42,877 (24.6%)</b>	<b>* 9,022 (5.2%)</b>	<b>* -14,137 (-8.1%)</b>
Germany	* 144,353	3.1%	* 90,385 (62.6%)	* 26,440 (18.3%)	N/A	* 27,528 (19.1%)
U.K.	55,984	1.7%	30,027 (53.6%)	15,181 (27.1%)	95 (0.2%)	10,681 (19.1%)
S. Korea	112,868	4.8%	86,428 (76.6%)	25,285 (22.4%)	534 (0.5%)	621 (0.6%)

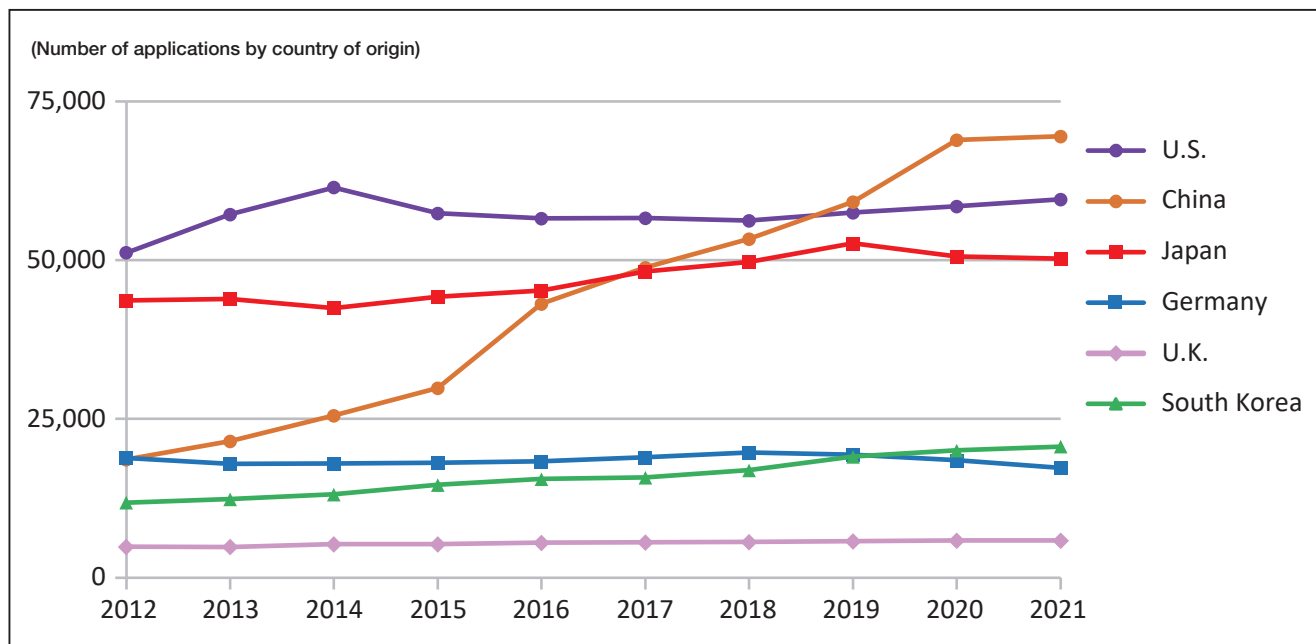
\* Estimate. P Provisional value.

Notes: Gross domestic spending on R&D is defined as the total expenditure (current and capital) on R&D carried out by all residents, companies, research institutes, universities and government laboratories, etc., in a country. U.K. data is 2019.

Source: OECD [https://stats.oecd.org/Index.aspx?DataSetCode=GERD\\_SOF](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://www.wipo.int/pct/en/activity/index.html>

## PCT Patent Applications

(Number of applications by country of origin)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	*2021
China	18,627	21,516	25,539	29,846	43,168	48,882	53,349	59,193	68,923	69,540
U.S.	51,207	57,239	61,492	57,385	56,595	56,624	56,252	57,499	58,477	59,570
<b>Japan</b>	<b>43,660</b>	<b>43,918</b>	<b>42,459</b>	<b>44,235</b>	<b>45,239</b>	<b>48,208</b>	<b>49,706</b>	<b>52,693</b>	<b>50,578</b>	<b>50,260</b>
S. Korea	11,848	12,386	13,151	14,626	15,560	15,763	16,917	19,073	20,045	20,678
Germany	18,855	17,927	18,008	18,072	18,315	18,982	19,742	19,358	18,499	17,322
U.K.	4,895	4,865	5,282	5,315	5,496	5,567	5,634	5,773	5,889	5,841
Others	45,308	47,449	48,569	48,521	48,627	49,474	51,175	51,792	52,478	54,289
<b>Total</b>	<b>194,400</b>	<b>205,300</b>	<b>214,500</b>	<b>218,000</b>	<b>233,000</b>	<b>243,500</b>	<b>252,775</b>	<b>265,381</b>	<b>274,889</b>	<b>277,500</b>

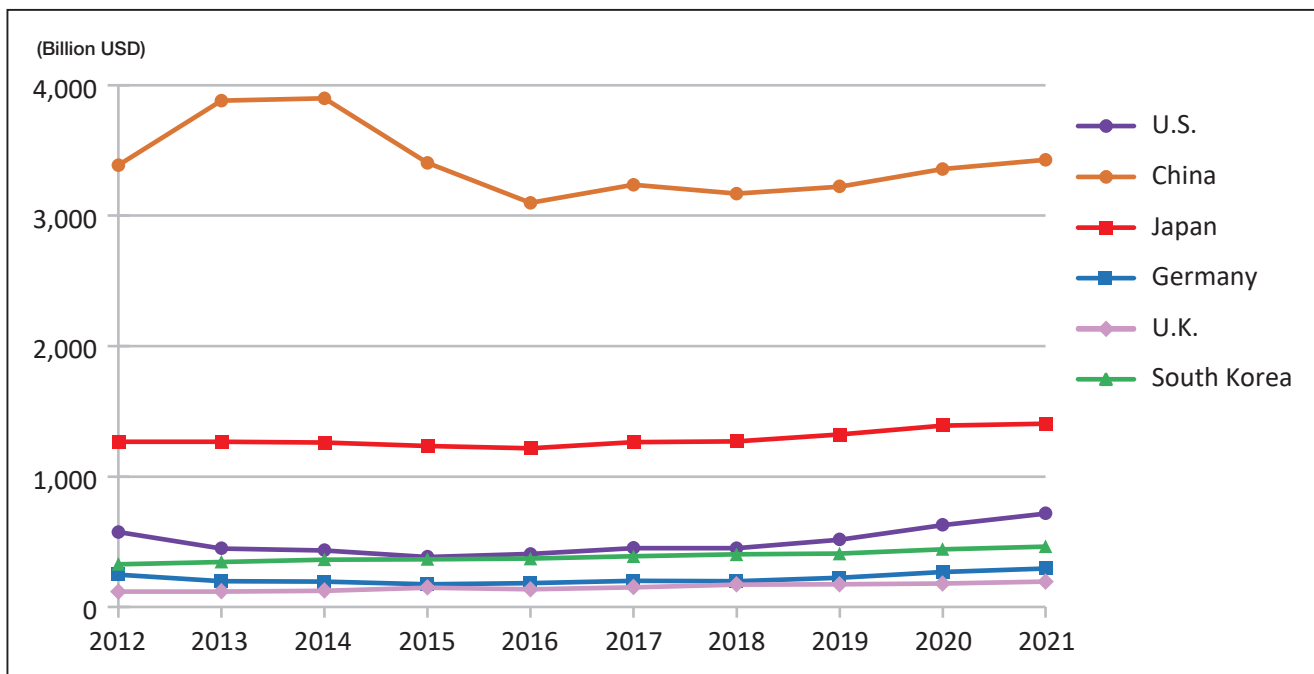
\* Estimate

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

Source: WIPO (World Intellectual Property Organization) <https://www.wipo.int/pct/en/activity/index.html>

## 5-12 Foreign Exchange Reserves

外貨準備高



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

## Foreign Exchange Reserves

(Billion USD)

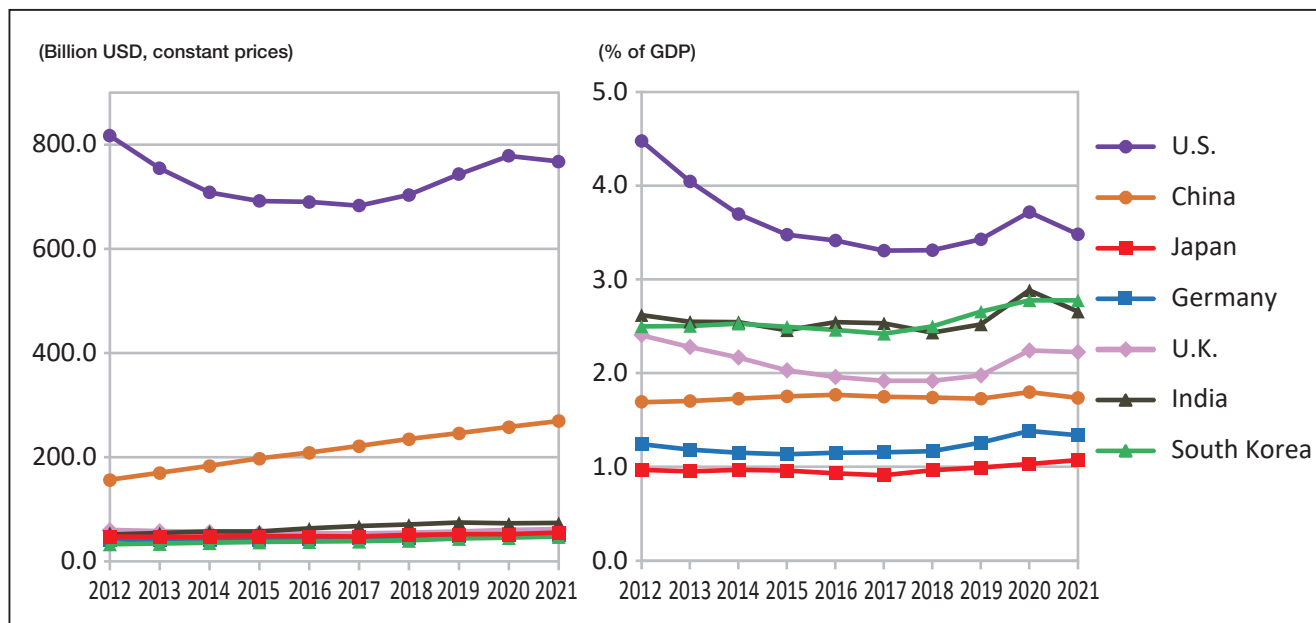
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
U.S.	574	449	434	384	406	451	450	517	628	716
China	3,388	3,880	3,900	3,405	3,098	3,236	3,168	3,223	3,357	3,428
<b>Japan</b>	<b>1,268</b>	<b>1,267</b>	<b>1,261</b>	<b>1,233</b>	<b>1,217</b>	<b>1,264</b>	<b>1,270</b>	<b>1,322</b>	<b>1,391</b>	<b>1,406</b>
Germany	249	199	193	174	184	200	198	224	268	296
U.K.	117	119	124	148	135	151	173	174	180	194
S. Korea	328	346	363	367	370	389	403	409	443	463

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



## 5-13 Military Expenditure

軍事支出



Notes: Figures are in billion USD at constant 2020 prices and exchange rates. All figures for the U.S. are for financial year, rather than calendar year. Figures for China and Russia in 2012 are estimates.

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

## Military Expenditure

(Billion USD, % of GDP)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
U.S.	817.5 (4.5%)	754.6 (4.0%)	708.2 (3.7%)	692.1 (3.5%)	690.0 (3.4%)	682.9 (3.3%)	703.4 (3.3%)	743.4 (3.4%)	778.4 (3.7%)	767.8 (3.5%)
*China	157.0 (1.7%)	169.7 (1.7%)	183.3 (1.7%)	197.7 (1.8%)	209.1 (1.8%)	221.9 (1.7%)	234.9 (1.7%)	246.4 (1.7%)	258.0 (1.8%)	270.0 (1.7%)
Japan	47.5 (1.0%)	47.2 (1.0%)	47.8 (1.0%)	48.6 (1.0%)	48.3 (0.9%)	48.0 (0.9%)	50.4 (1.0%)	52.0 (1.0%)	52.0 (1.0%)	55.8 (1.1%)
Germany	42.3 (1.2%)	40.8 (1.2%)	40.8 (1.1%)	41.5 (1.1%)	43.3 (1.1%)	44.5 (1.2%)	45.7 (1.2%)	50.1 (1.3%)	53.2 (1.4%)	52.5 (1.3%)
U.K.	60.2 (2.4%)	58.0 (2.3%)	57.0 (2.2%)	54.8 (2.0%)	54.6 (2.0%)	54.3 (1.9%)	55.0 (1.9%)	57.7 (2.0%)	60.7 (2.2%)	62.5 (2.2%)
India	55.1 (2.6%)	54.7 (2.5%)	57.6 (2.5%)	57.6 (2.5%)	63.5 (2.5%)	67.9 (2.5%)	70.9 (2.4%)	75.2 (2.5%)	72.9 (2.9%)	73.6 (2.7%)
Russia	*57.0 (3.7%)	59.8 (3.9%)	64.0 (4.1%)	69.0 (4.9%)	74.0 (5.4%)	60.0 (4.2%)	57.7 (3.7%)	60.3 (3.8%)	61.7 (4.3%)	63.5 (4.1%)
S. Korea	33.2 (2.5%)	34.2 (2.5%)	35.6 (2.5%)	37.0 (2.5%)	37.9 (2.5%)	38.6 (2.4%)	40.5 (2.5%)	43.6 (2.7%)	45.5 (2.8%)	47.7 (2.8%)
World Total	1,791	1,757	1,751	1,778	1,787	1,810	1,859	1,932	1,992	2,007

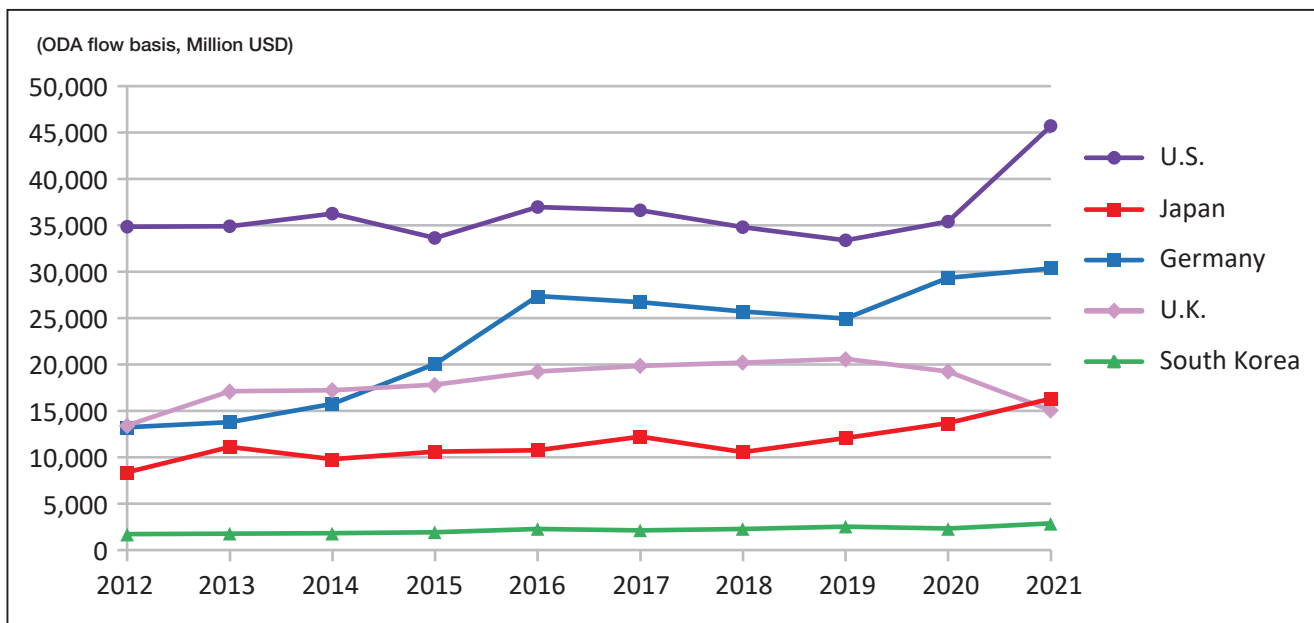
\* Estimate

Notes: Figures are in billion USD at constant 2020 prices and exchange rates. All figures for the U.S. are for financial year, rather than calendar year.

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

## 5-14 Net ODA (Official Development Assistance)

ODA純支出額



Notes: From 2018, the ODA grant-equivalent methodology is used, whereby only the "grant portion" of the loan counts as ODA.

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

## Net ODA (Official Development Assistance)

(ODA flow basis, Million USD)

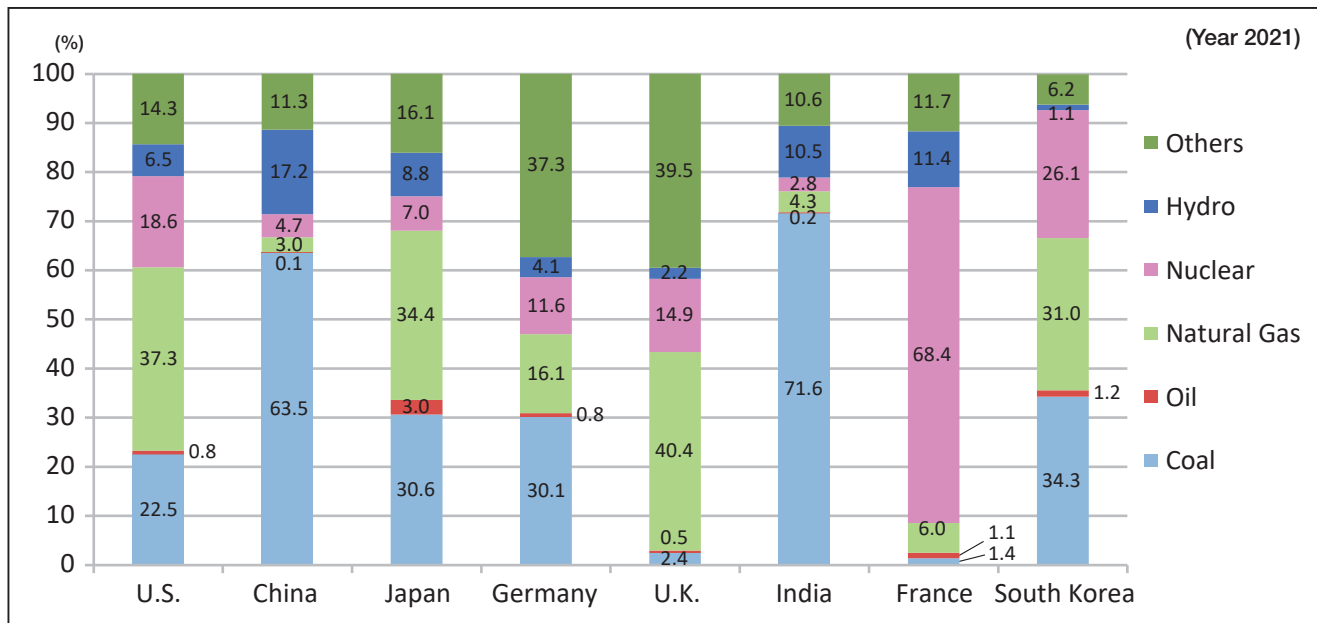
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
U.S.	34,836	34,922	36,286	33,637	36,995	36,634	34,806	33,378	35,396	45,704
Germany	13,199	13,780	15,760	20,042	27,356	26,725	25,699	24,946	29,320	30,353
U.K.	13,416	17,109	17,239	17,799	19,243	19,852	20,196	20,581	19,253	15,057
<b>Japan</b>	<b>8,354</b>	<b>11,087</b>	<b>9,778</b>	<b>10,623</b>	<b>10,767</b>	<b>12,225</b>	<b>10,567</b>	<b>12,072</b>	<b>13,660</b>	<b>16,308</b>
S. Korea	1,687	1,784	1,799	1,932	2,279	2,129	2,270	2,518	2,293	2,851
<b>DAC Total</b>	<b>123,074</b>	<b>129,619</b>	<b>131,725</b>	<b>139,821</b>	<b>155,155</b>	<b>154,892</b>	<b>151,256</b>	<b>150,533</b>	<b>162,557</b>	<b>174,711</b>

Note: From 2018, the ODA grant-equivalent methodology is used, whereby only the "grant portion" of the loan counts as ODA.

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

## 5-15 Electricity Generation by Source

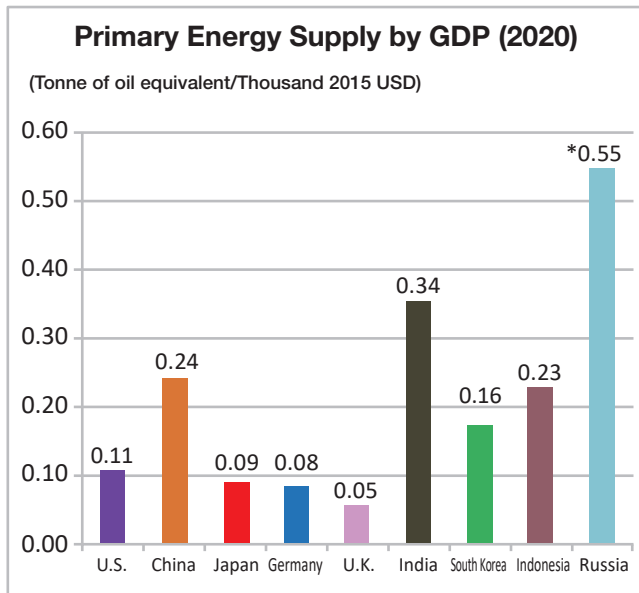
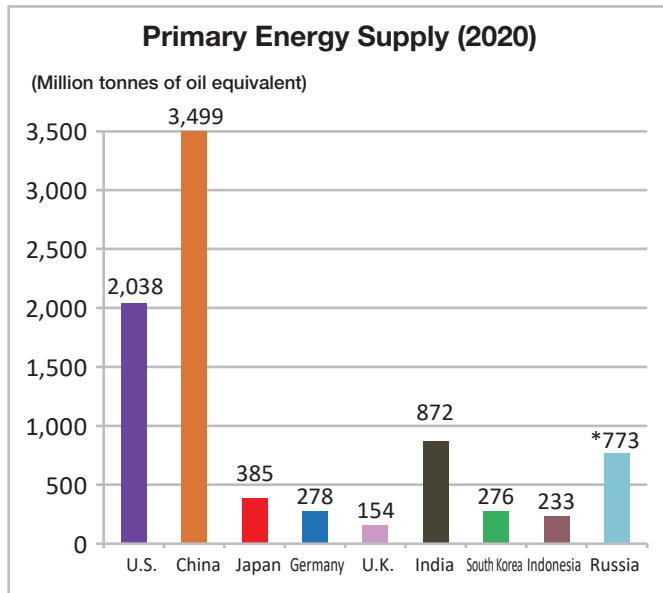
## 電源別発電電力量の構成比



Notes: Others include biofuels, geothermal, solar, wind, tide and waste. Figures for China and India are 2020.

Source: Based on IEA data from IEA Electricity Information <https://www.iea.org/data-and-statistics/data-product/electricity-information>.

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\* 2019

Source: Based on IEA data <https://www.iea.org/>. All rights reserved; as modified by Keizai Koho Center.

## 5-17 Land Area

## 国土面積

(Year 2020)

(km<sup>2</sup>)

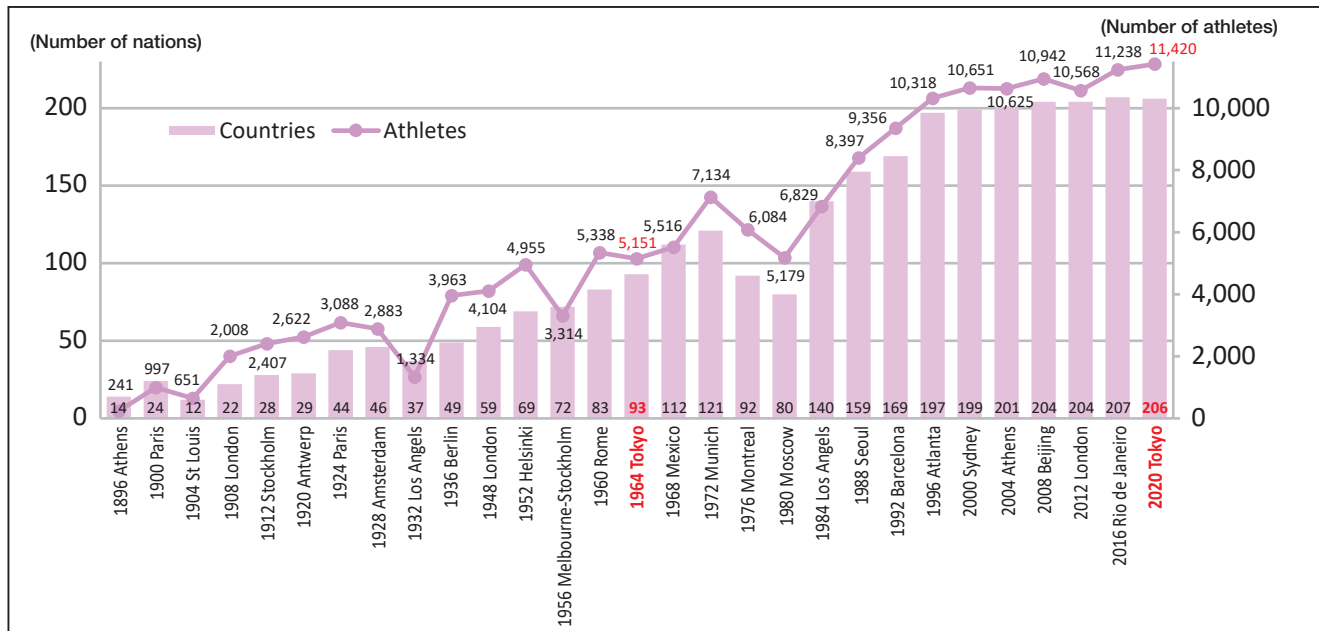
1	Russia	17,098,246
2	Canada	9,984,670
3	U.S.	9,833,517
4	China	9,600,000
5	Brazil	8,515,767
6	Australia	7,692,024
7	India	3,287,263
8	Argentina	2,796,427
9	Kazakhstan	2,724,902
10	Algeria	2,381,741

11	Congo (DRC)	2,345,410
12	Saudi Arabia	2,206,714
13	Greenland	2,166,086
14	Mexico	1,964,375
15	Indonesia	1,910,931
16	Libya	1,676,198
17	Iran	1,630,848
18	Mongolia	1,564,116
19	Peru	1,285,216
20	Chad	1,284,000

<b>Japan</b>	<b>377,930</b>
Germany	357,581
U.K.	242,495
S. Korea	100,401

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

Source: UN [https://unstats.un.org/unsd/demographic-social/products/dyb/dyb\\_2020/](https://unstats.un.org/unsd/demographic-social/products/dyb/dyb_2020/)

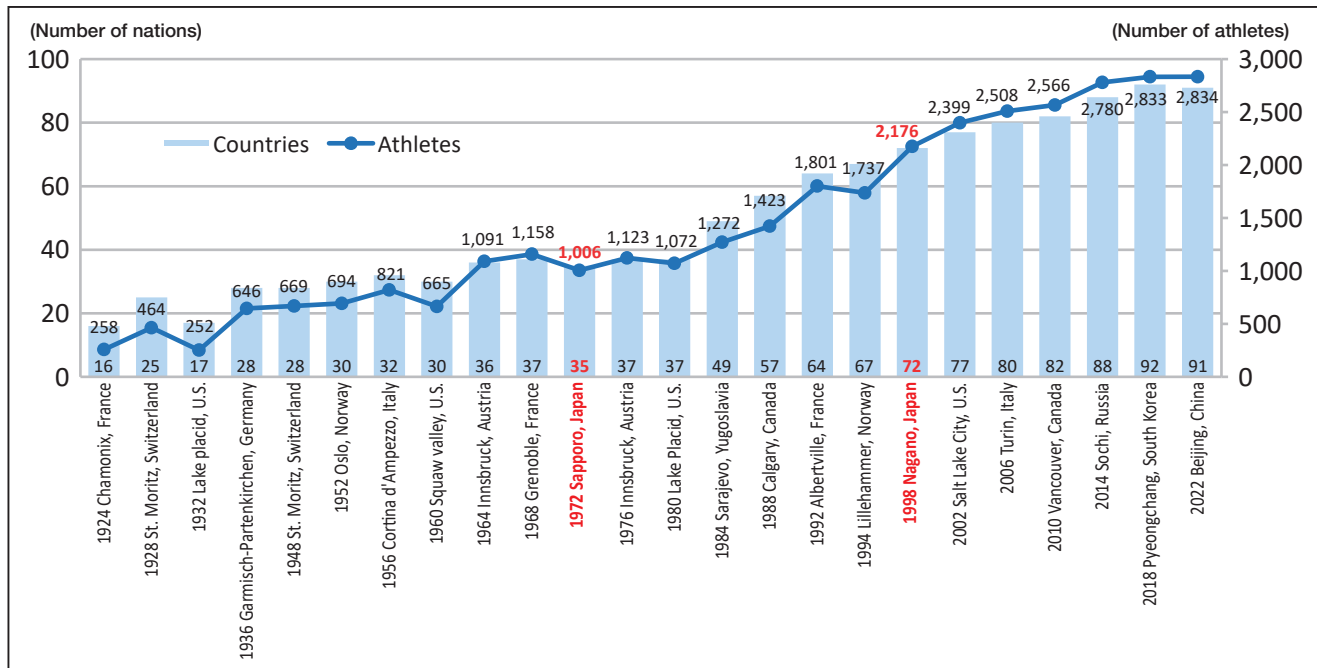


Note: The 2020 Tokyo Olympics was held in 2021.

Source: The IOC (The International Olympic Committee) <https://olympics.com/en/olympic-games/>

## 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



Source: The IOC (The International Olympic Committee) <https://olympics.com/en/olympic-games>

# Japan and the World 2022/23

## A Pocket Guide in Figures

Japan and the World 2022/23

For any inquiries, please contact Keizai Koho Center at  
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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.

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