



Country Report

Japan Die and Mold Industry Association(JaDMA)

FADMA AGM 2021



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- Status of Japanese Economy
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- Exhibitions
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Status(Current state) of COVID-19

1% of peak and rising

COVID-19 infections are increasing in Japan, with 127 new infections reported on average each day. That's 1% of the peak — the highest daily average reported on August 28.

There have been 1,729,265 infections and 18,386 coronavirus-related deaths reported in the country since the pandemic began.

Vaccination

Japan has administered at least 198,171,413 doses of COVID vaccines so far. Assuming every person needs 2 doses, that's enough to have vaccinated about 78.5% of the country's population.

Trend in the number of newly confirmed cases (daily)

Last updated: December 13, 2021

Newly confirmed cases

68 cases
Compared to the previous day
- **31** cases

Number of newly confirmed cases, weekly average

117 cases

Previous week's average number of newly confirmed cases

111 cases

Period covered

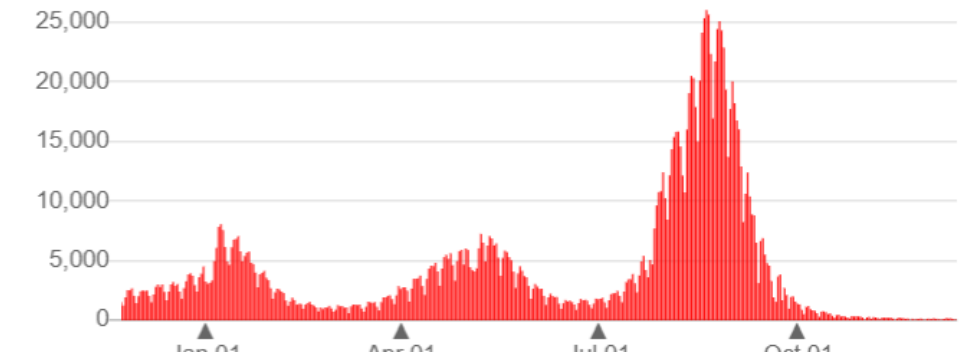
1 Week

1 Month

3 Months

1 Year

(Confirmed Cases)
30,000



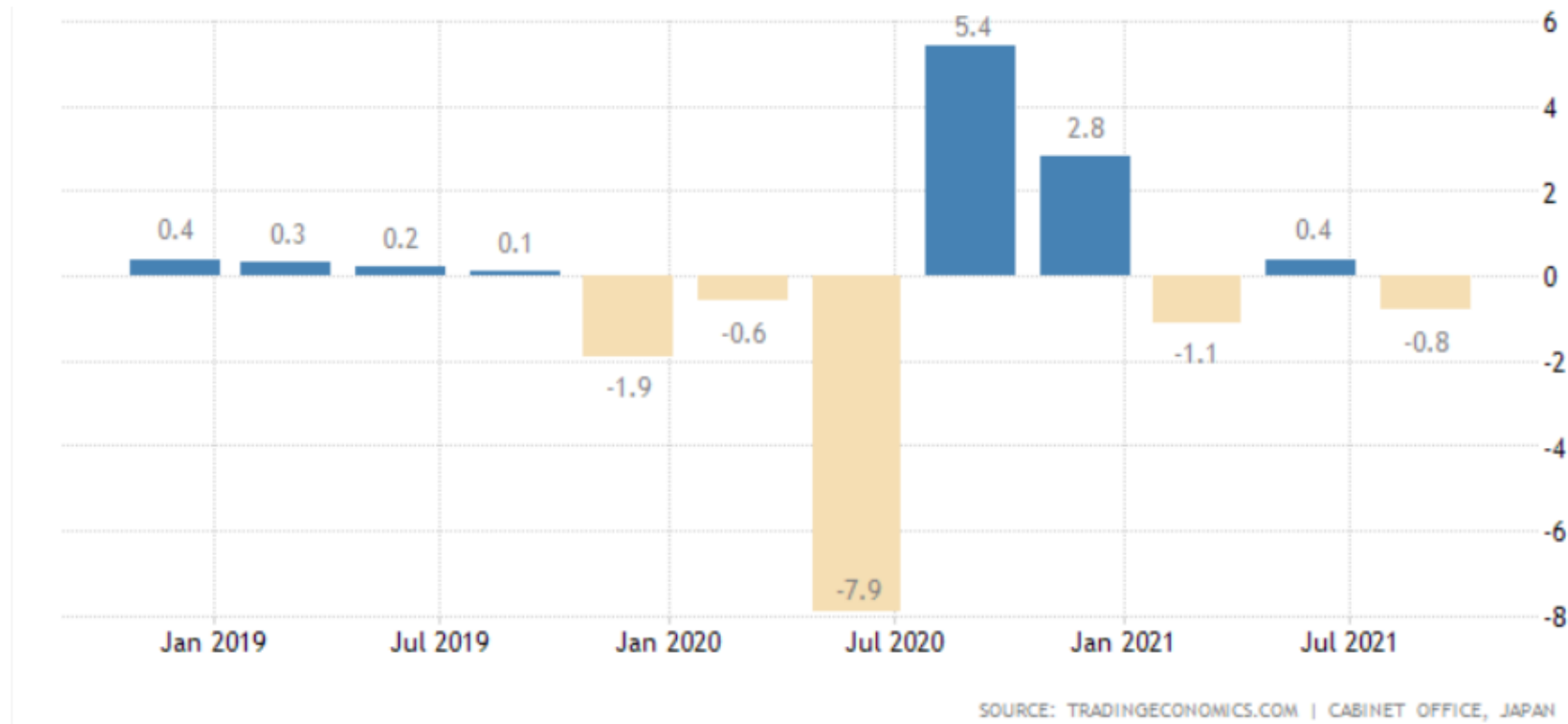
Source: Ministry of Health, labor, and Welfare



Status of Japanese Economy

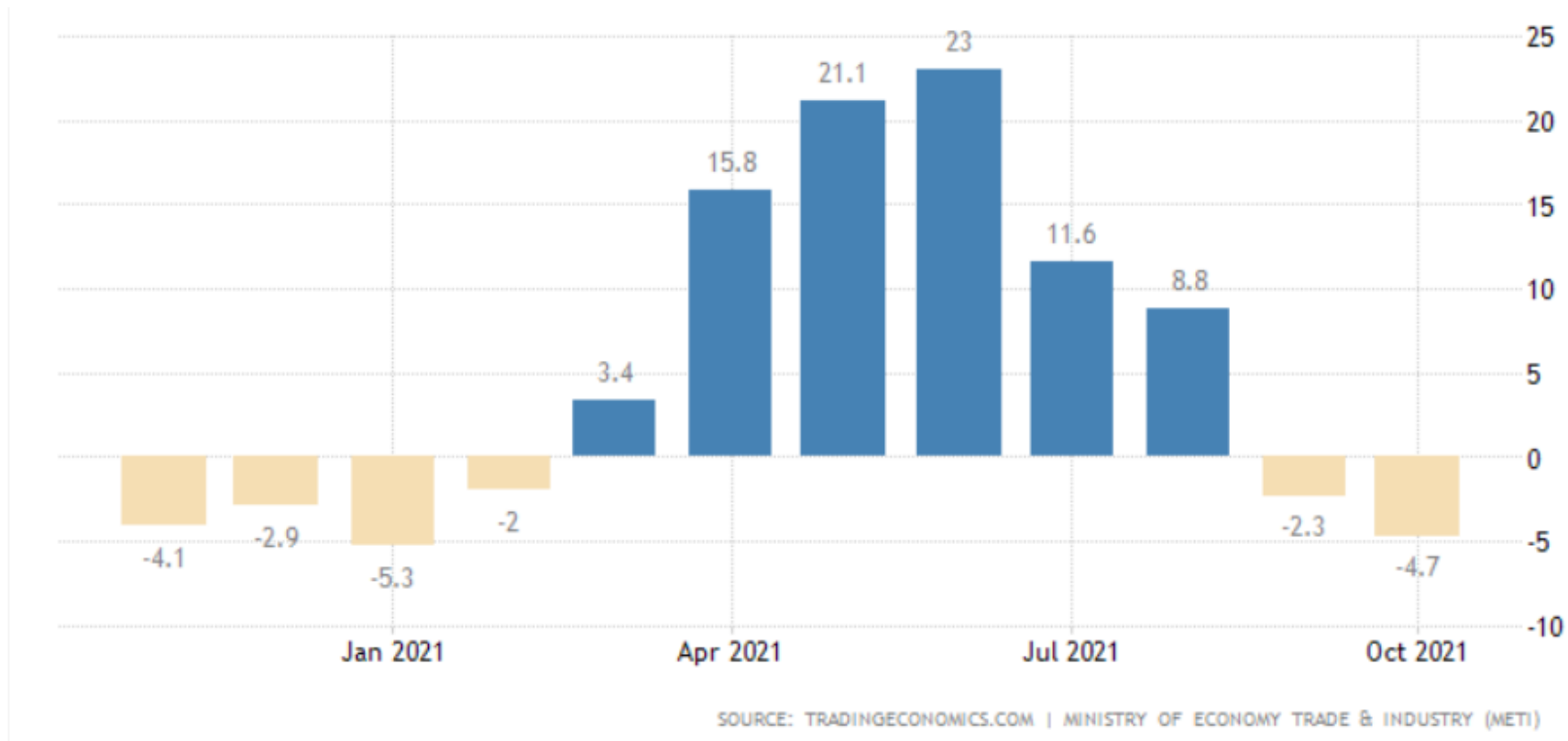
Japan GDP Growth Rate

The Japanese economy shrank 0.8 percent qoq in Q3 2021, compared with market expectations of a 0.2 percent fall and after a downwardly revised 0.4 percent growth in Q2, amid a resurgence of COVID-19 cases and persistent global supply chain disruptions, preliminary data showed. Both household consumption (-1.2 percent vs 0.9 percent in Q2) and private non-residential investment (-3.8 percent vs 2.2 percent) contracted, while public investment was down for the third straight quarter (-1.5 percent vs -2.1 percent). At the same time, net external demand contributed negatively as exports fell 2.1 percent, down for the first time in five quarters; while imports slipped 2.7 percent, falling for the first time in a year. On the other hand, government consumption growth was unchanged (at 1.1 percent). On an annualized basis, the GDP contracted 3.0 percent in the third quarter, compared with forecasts of a 0.8 percent decline and following a 1.5 percent expansion in the June quarter. source: Cabinet Office, Japan



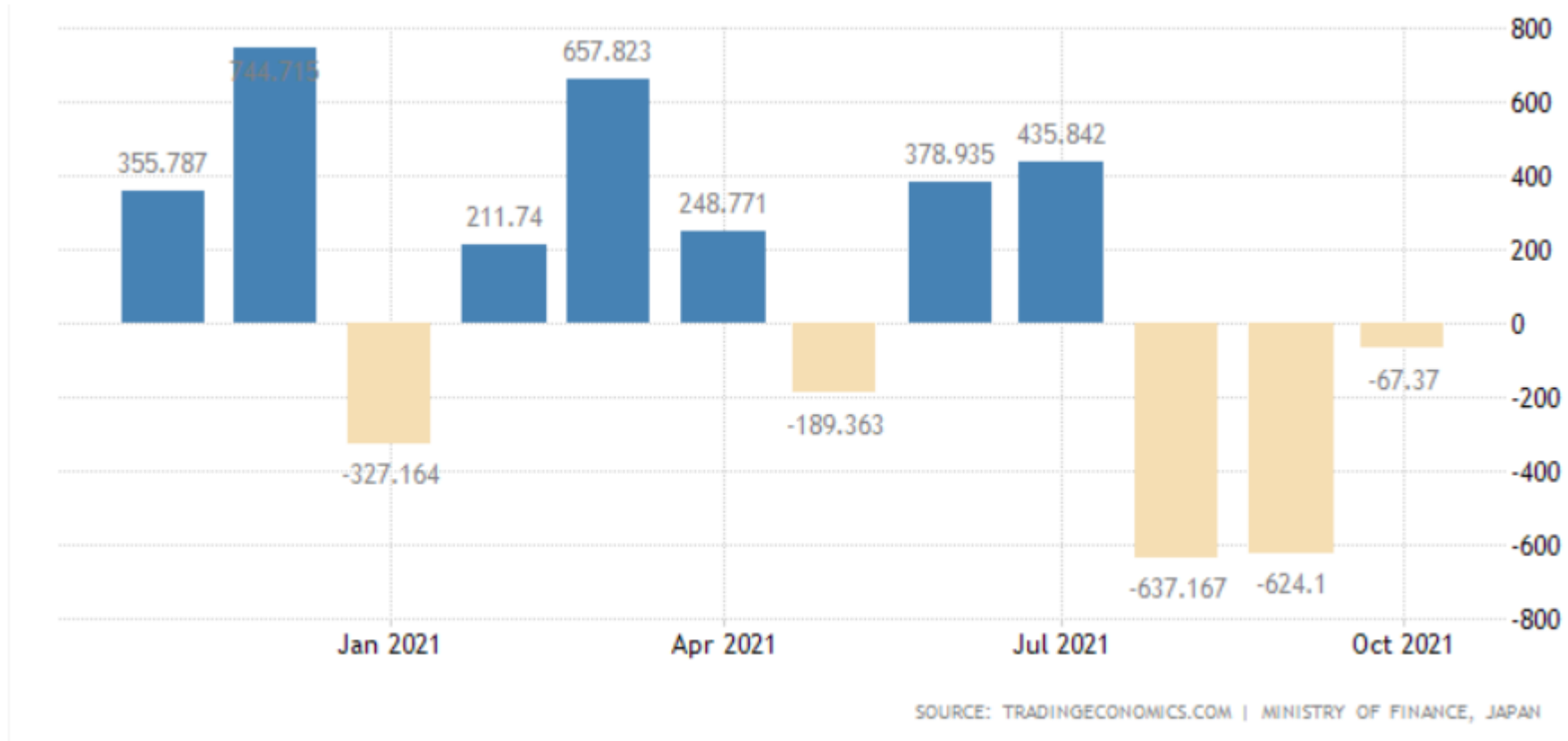
Japan Industrial Production

Industrial production in Japan decreased 4.7% in October 2021 over the same month in the previous year, accelerating from a 2.3% fall in September. The year-on-year decline in industrial activity reflected the impact of ongoing global supply chain disruptions, despite the reopening of factories in Asia. Industries that mainly contributed to the decrease were the inorganic & organic chemicals, iron, steel & non-ferrous metals and electronic parts & devices; while industries that picked up in activity were motor vehicles, production machinery and general-purpose & business oriented machinery. source: Ministry of Economy Trade & Industry (METI)

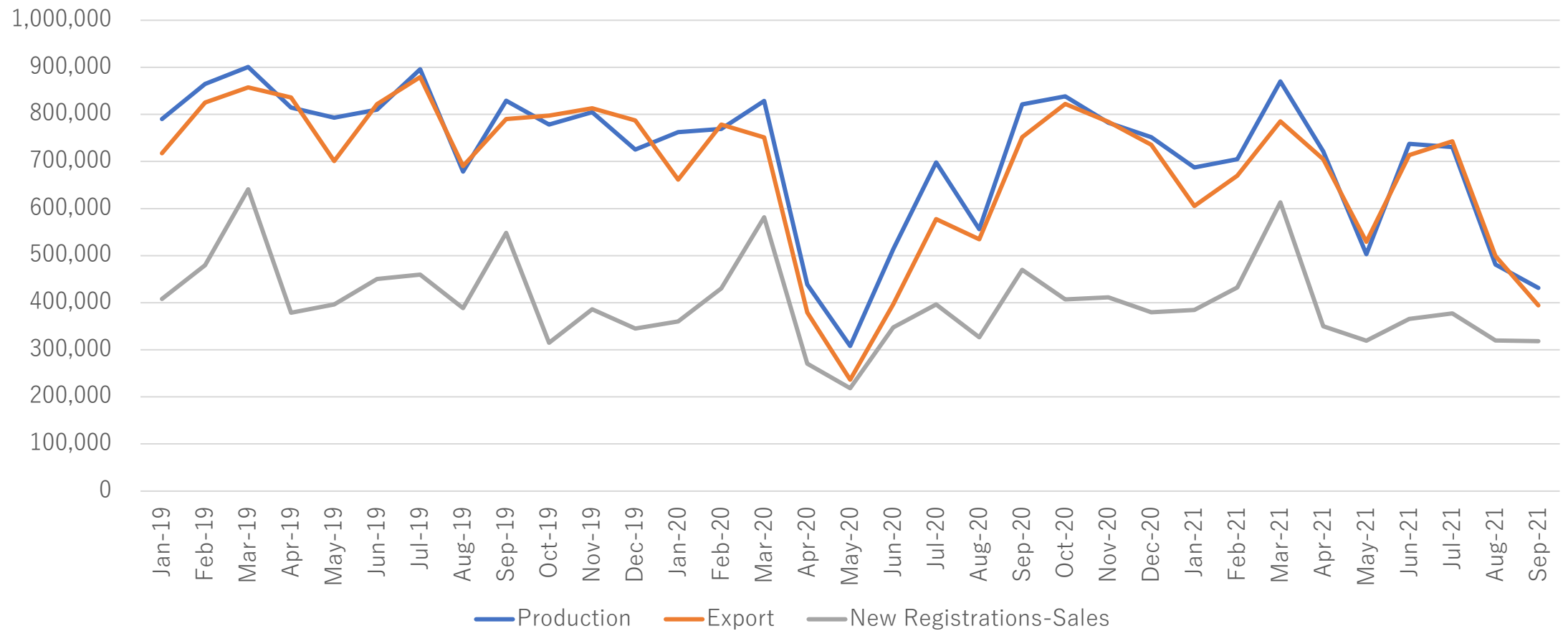


Japan Balance of Trade

Japan unexpectedly registered a trade deficit of JPY 67.37 billion in October 2021, missing market consensus of a surplus of JPY 310.0 billion and shifting from a surplus of JPY 840.79 billion in the same month a year earlier. This was the third straight month of trade deficit, with exports rising by 9.4 percent year-on-year to JPY 7,184 billion while imports jumping 26.7 percent to JPY 7,251 billion. Considering the first ten months of the year, the trade gap was at JPY 219.98 billion, compared with a surplus of JPY 235.13 billion in the same period of 2020. source: Ministry of Finance, Japan



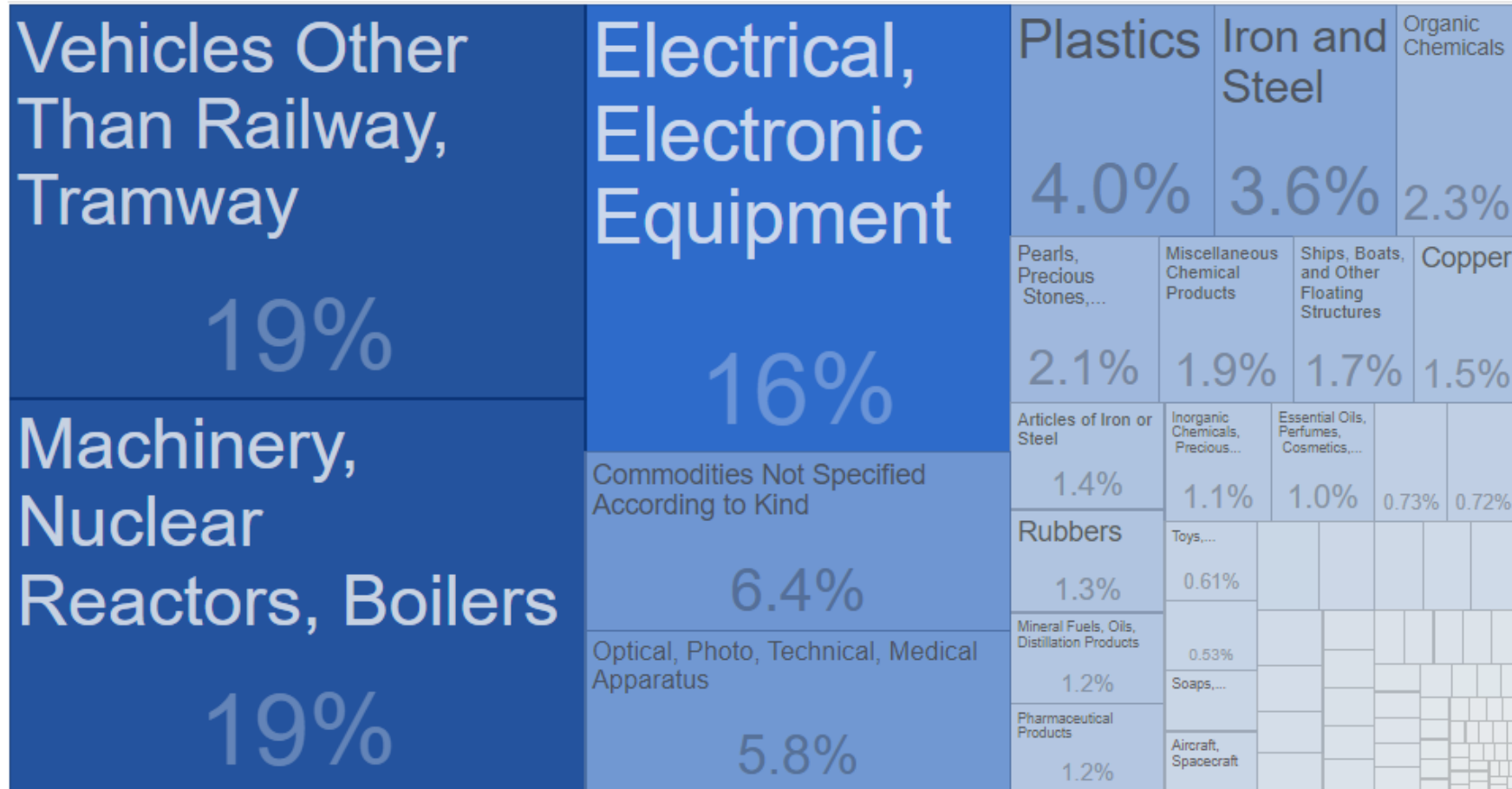
Number of Motor Vehicle_(passenger cars , trucks & buses)



Sources: Japan Automobile Manufacturers Association; Ministry of Economy, Trade and Industry's Preliminary Report on Indices of Industrial Production

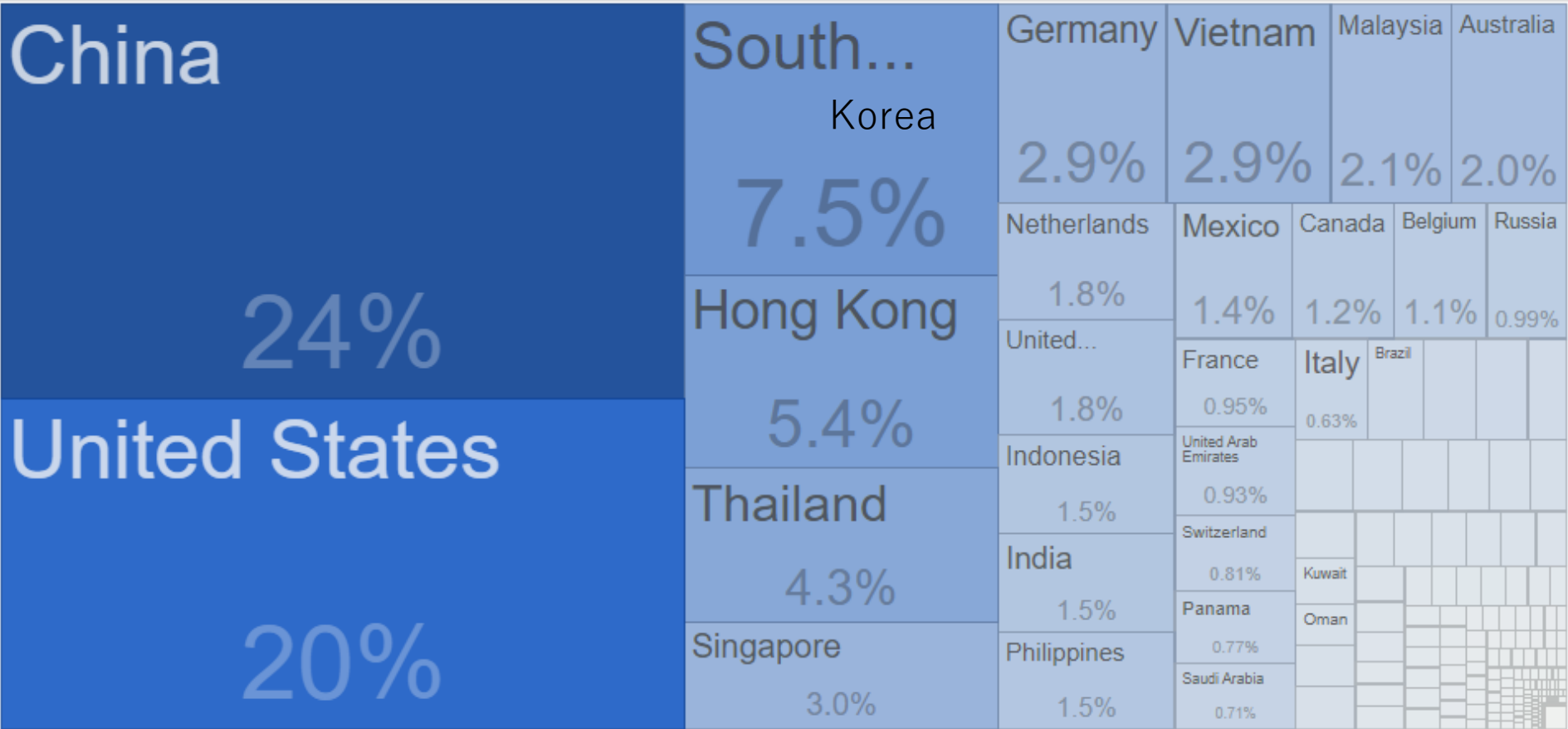
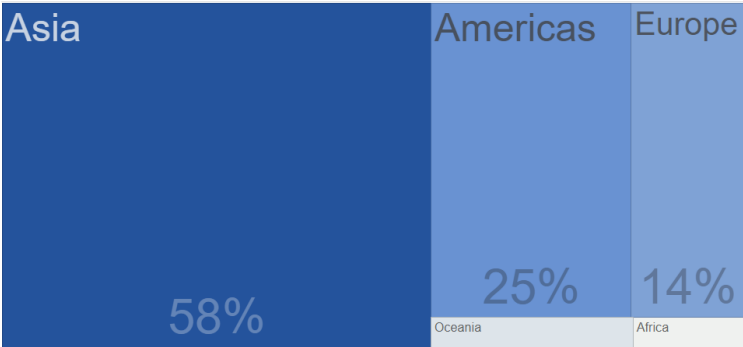
Japan Exports By Category

This page displays a table with Japan Exports By Category in U.S. dollars, according to the United Nations COMTRADE database on international trade.



Japan Exports By Country

This page displays a table with Japan Exports By Country in U.S. dollars, according to the United Nations COMTRADE database on international trade.



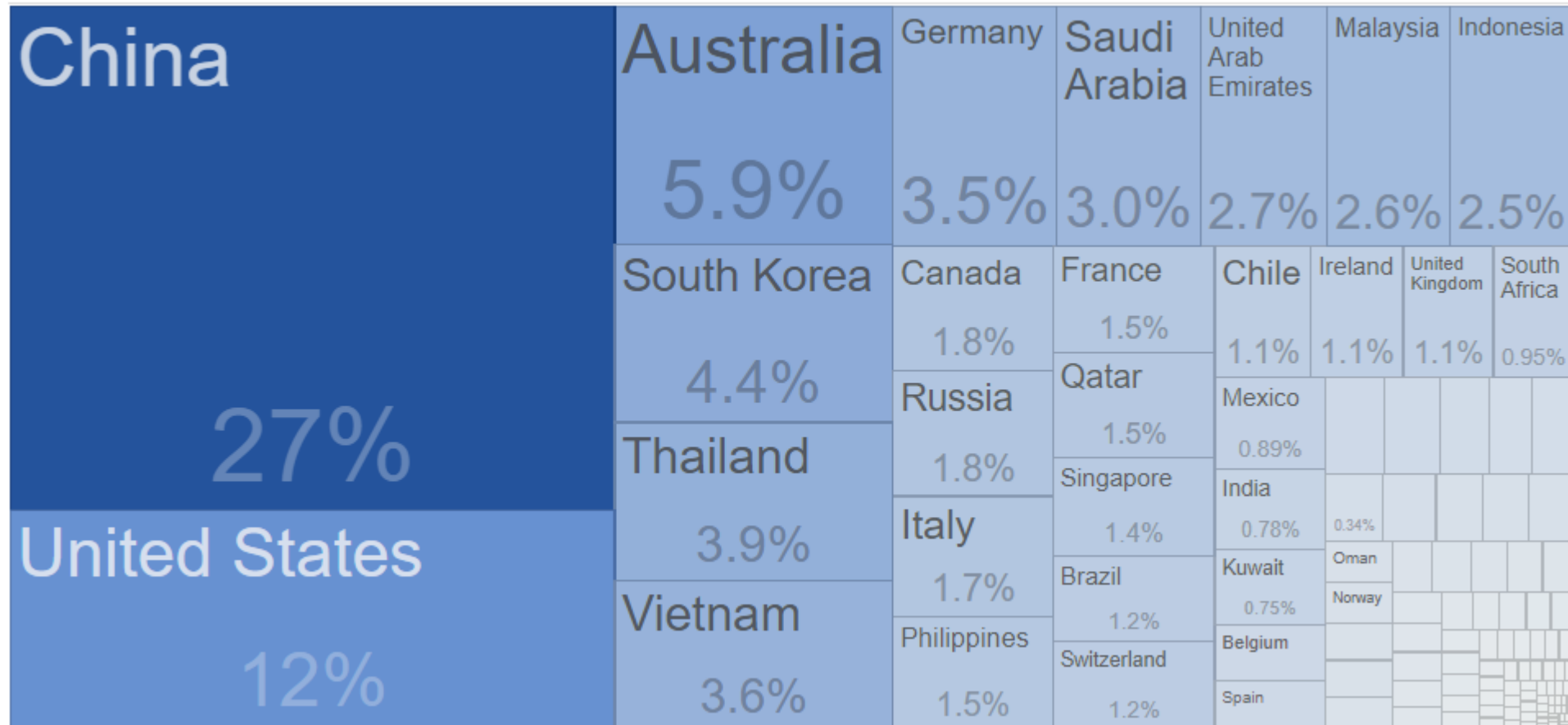
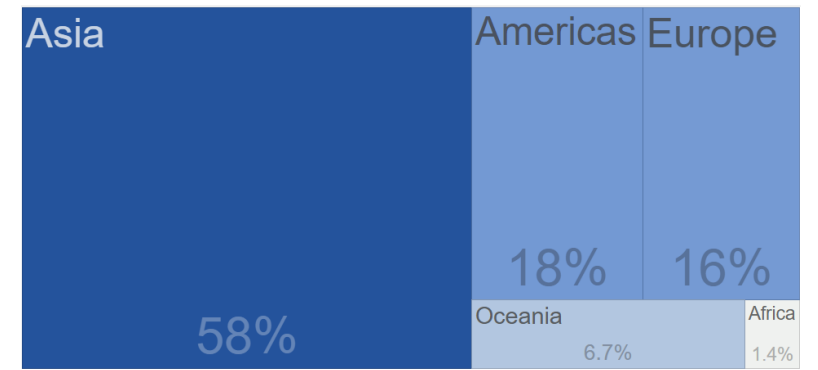
Japan Imports By Category

This page displays a table with Japan Imports By Category in U.S. dollars, according to the United Nations COMTRADE database on international trade.

Mineral Fuels, Oils, Distillation Products	Machinery, Nuclear Reactors,...	Vehicles Other Than Railway, Tramway	Pearls, Precious Stones, Metals,...	Organic Chemicals	Plastics	Articles of Apparel, Knit or Crocheted			
		3.1%	2.5%	2.5%	2.4%	1.9%			
		Articles of Apparel, Not Knit or Crocheted	Furniture, Lighting Signs, Prefabricated Buildings	Other Made Textile Articles, Sets, Worn Clothing	Articles of Iron or Steel	Aluminum			
Electrical, Electronic Equipment	Pharmaceutical Products	Commodities Not Specified According to Kind	Toys, Games, Sports Requisites	Articles of Leather, Animal...	Oil Seed, Oleagic Fruits,...		Rubbers		
		1.7%	0.94%	0.80%	0.72%	0.70%	0.66%	0.66%	
		Meat and Edible Meat Offal	Inorganic Chemicals,...	Vegetable,...					
	Optical, Photo, Technical, Medical Apparatus	Fish, Crustaceans, Molluscs, Aquatics Invertebrates	Cereals	Edible...					
			0.91%	0.56%					
			Iron and Steel	Essential...	Coffee, Tea,...				
	Ores Slag and Ash	Wood and Articles of Wood, Wood Charcoal	0.90%	Beverages,...					
			0.86%	0.53%					
				Residues,...					

Japan Imports By Country

This page displays a table with Japan Imports By Country in U.S. dollars, according to the United Nations COMTRADE database on international trade.



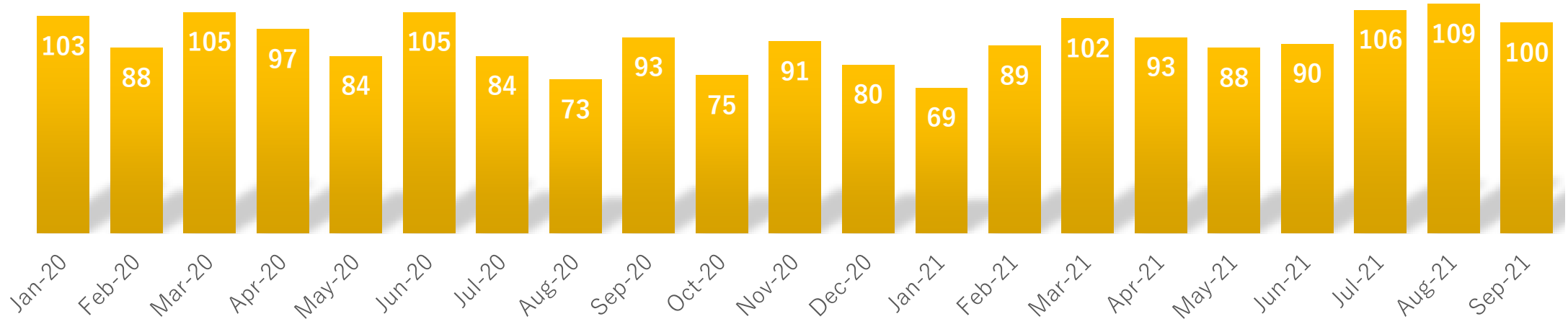


Status of Japan Die & Mold Industry

No sharp decline of production in DM industry

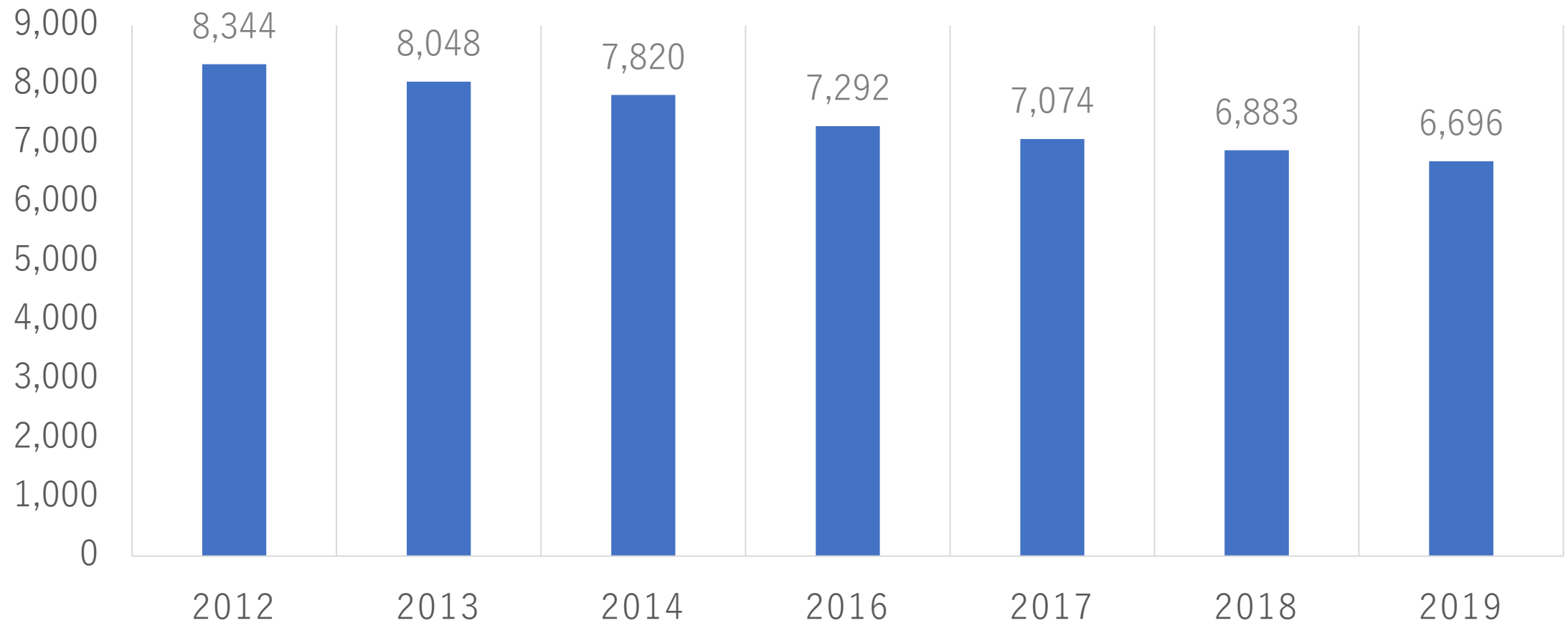
- No sharp decline of production caused by COVID-19 has been seen in the government statistics in Japan.
- Automotive industry's demand around globe have much influence on Japanese die and mold industry because Japanese die and mold manufactures depend heavily on automotive industry.
- Some die and mold makers have been preparing for considerable and continuing decline in sales caused by COVID-19 making the most effective use of government measures such as subsidies and special loans.

Production Value Compared with the same month last year(%)



Data Source: Machinery Statistics by Ministry of Economy, Trade and Industry(METI))

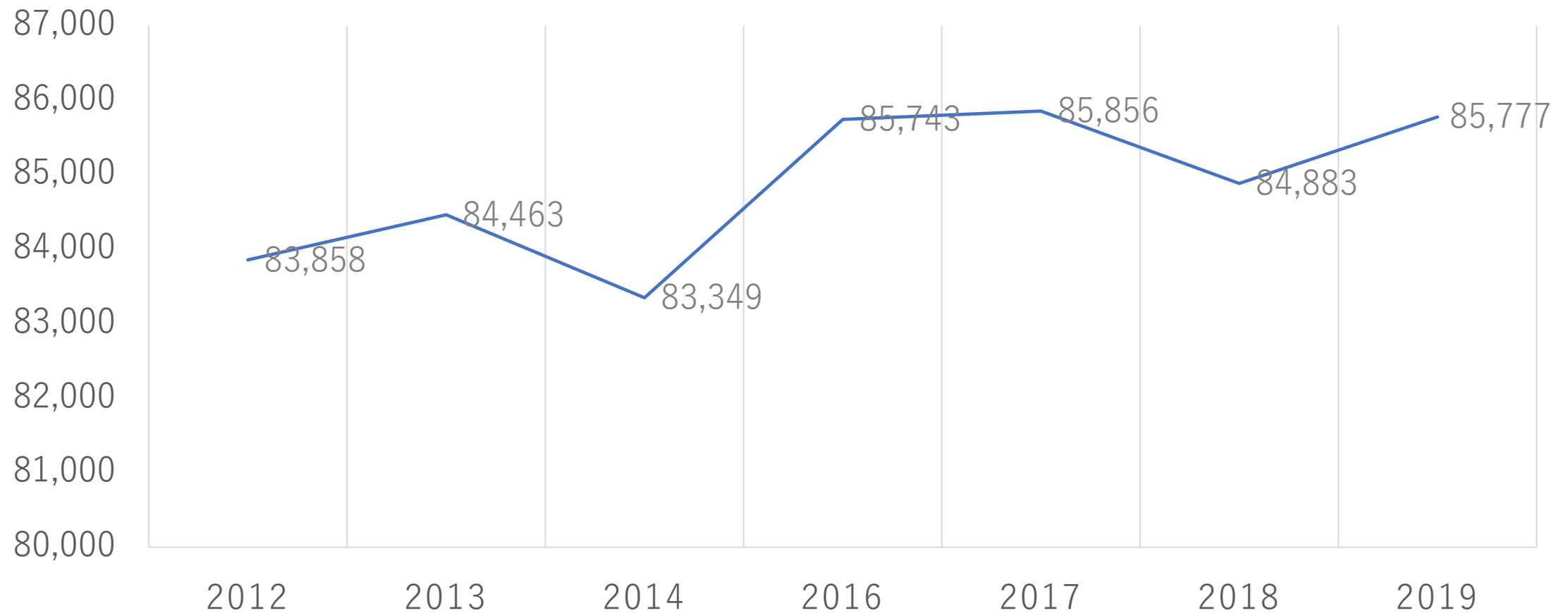
Number of Establishments



Data Source: Ministry of Economy, Trade and Industry(METI))

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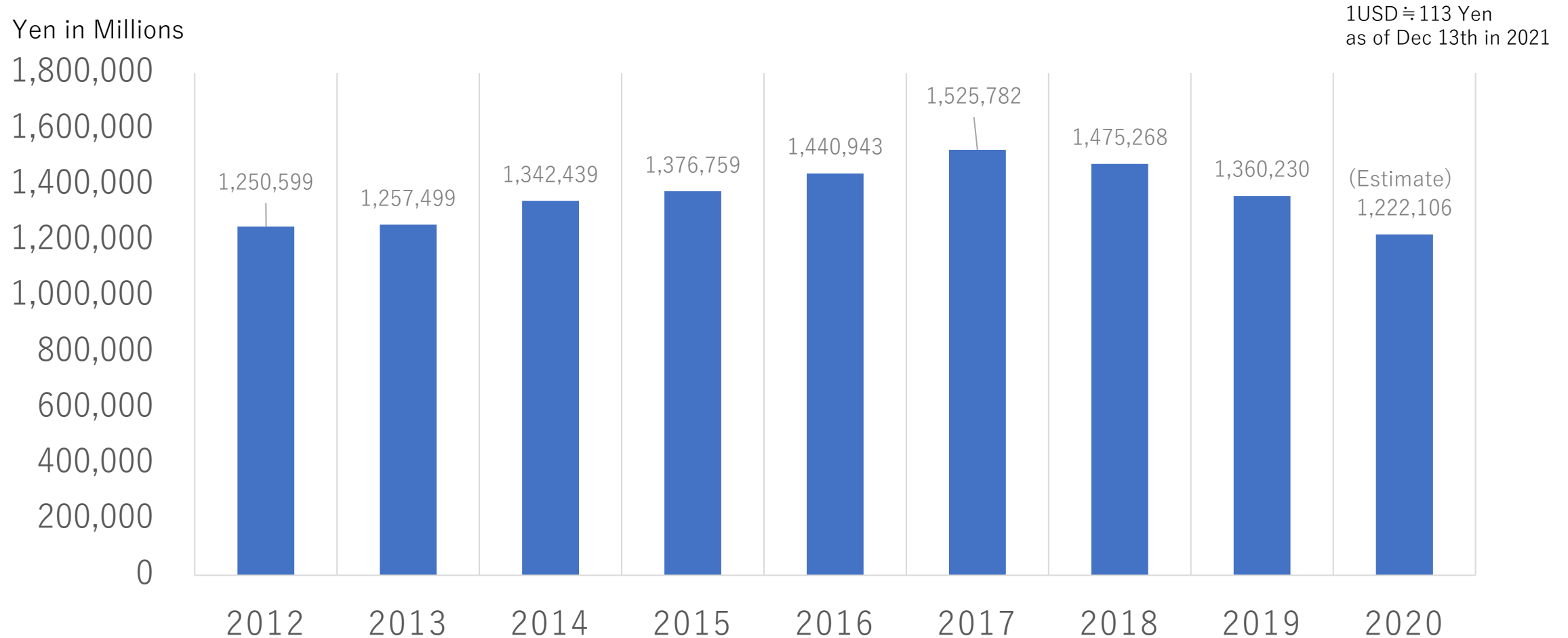
Number of Persons Engaged



Data Source: Ministry of Economy, Trade and Industry(METI))

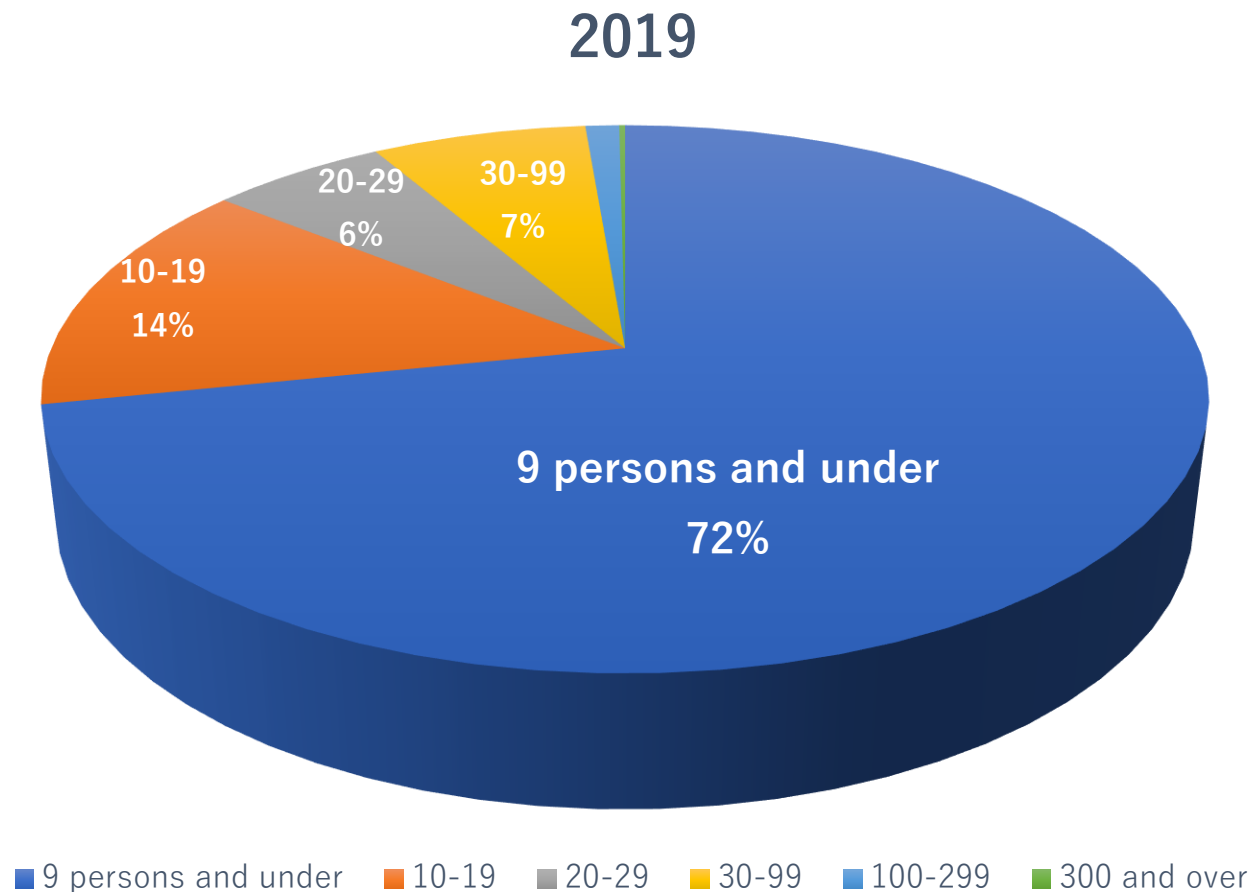
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Production Value



Data Source: Ministry of Economy, Trade and Industry(METI))

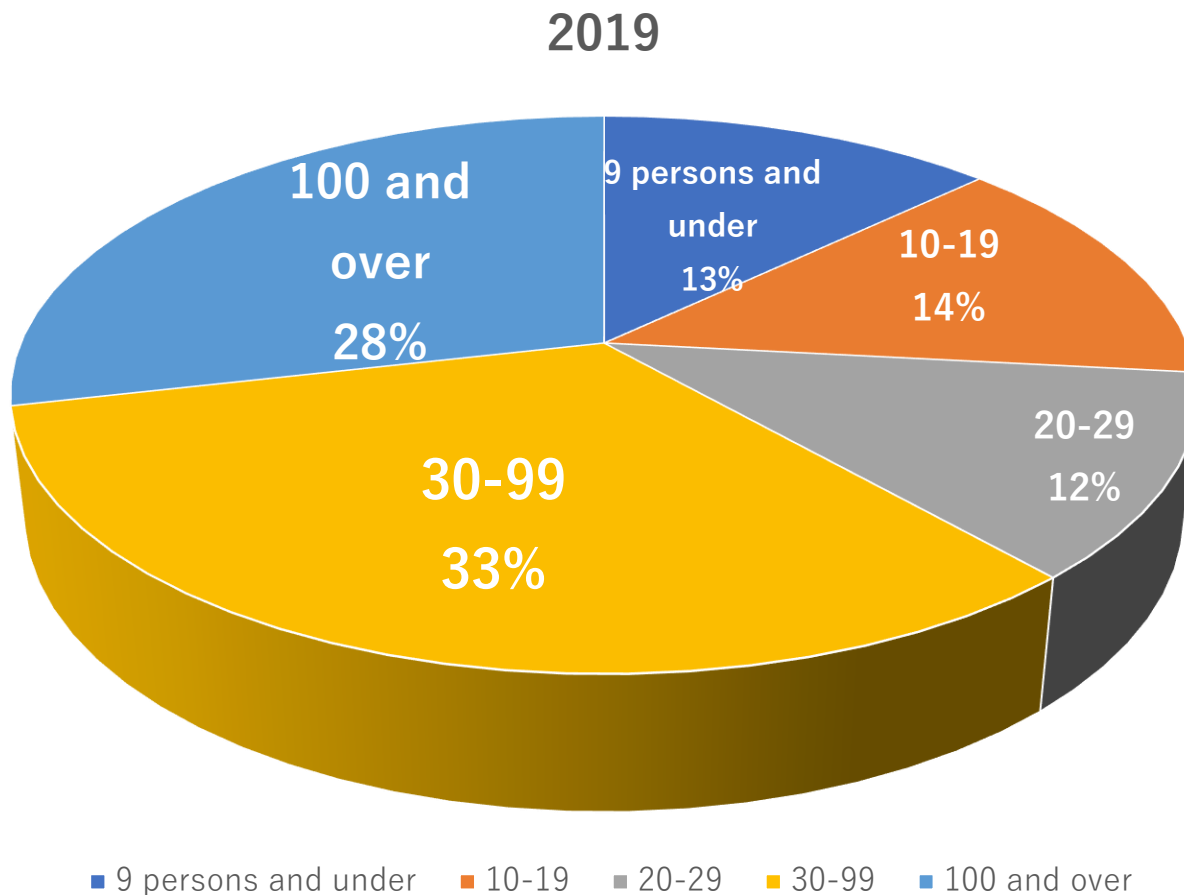
Number of Establishments by number of persons engaged



Persons Engaged	Establishments	Percentage
9 persons and under	4,803	71.7%
10-19	938	14.0%
20-29	391	5.8%
30-99	476	7.1%
100-299	75	1.1%
300 and over	13	0.2%
Total	6,696	

Production Value by number of persons engaged

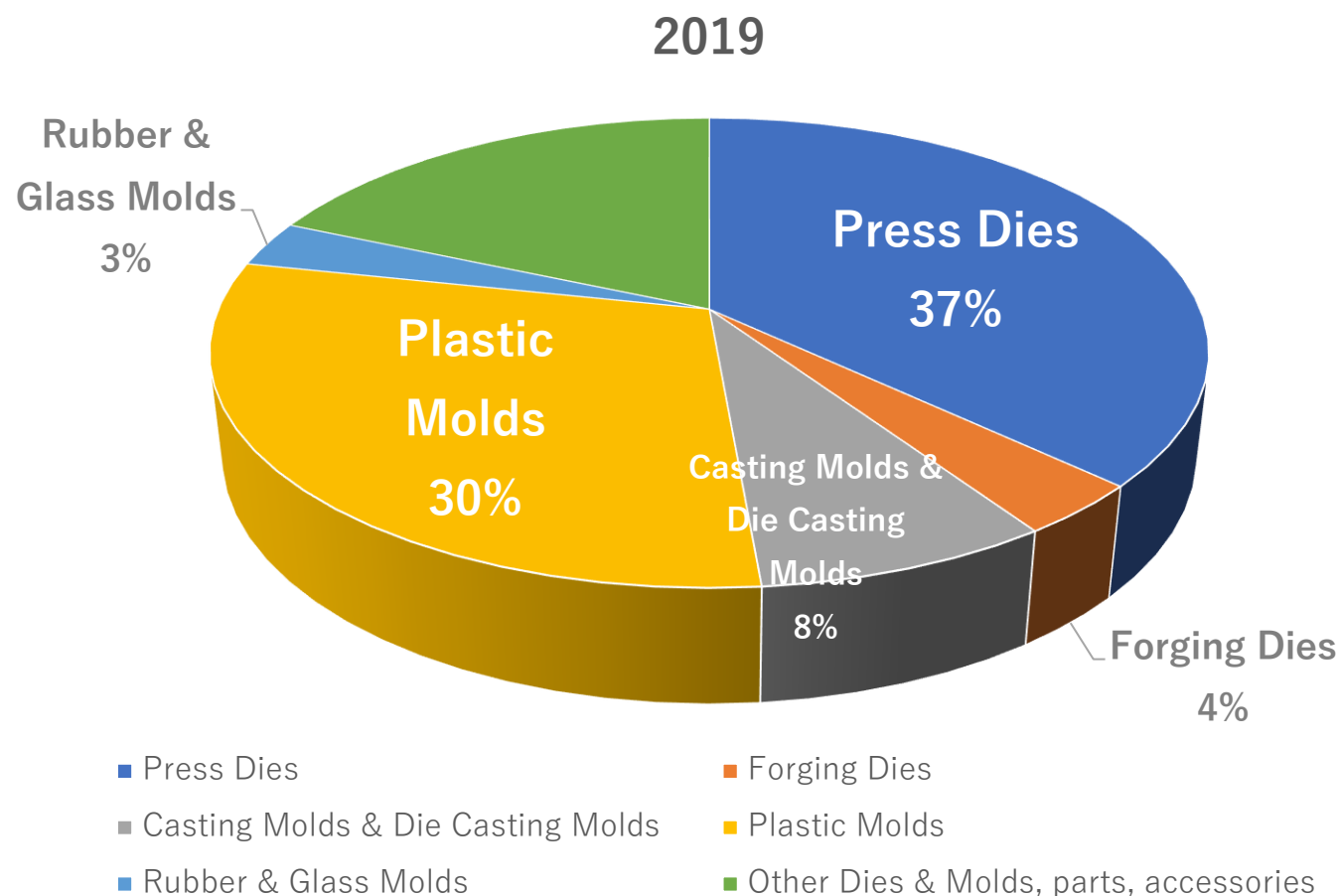
Yen in Millions



Persons Engaged	Shipments	Percentage
9 persons and under	175,740	12.9%
10-19	187,385	13.8%
20-29	160,408	11.8%
30-99	447,796	32.9%
100 and over	388,901	28.6%
Total	1,360,230	

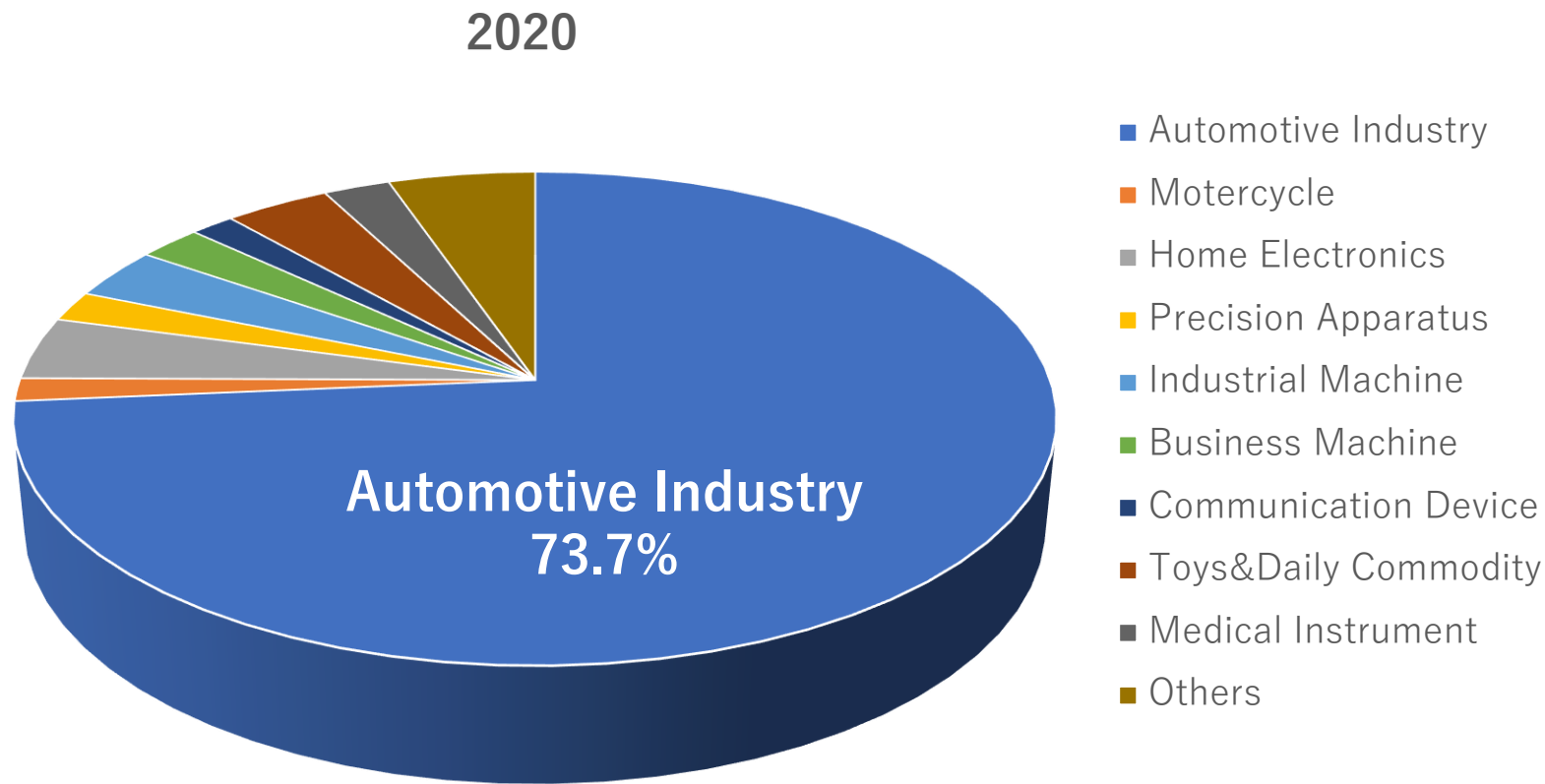
Production Value by Types of Dies and Molds

Yen in Millions



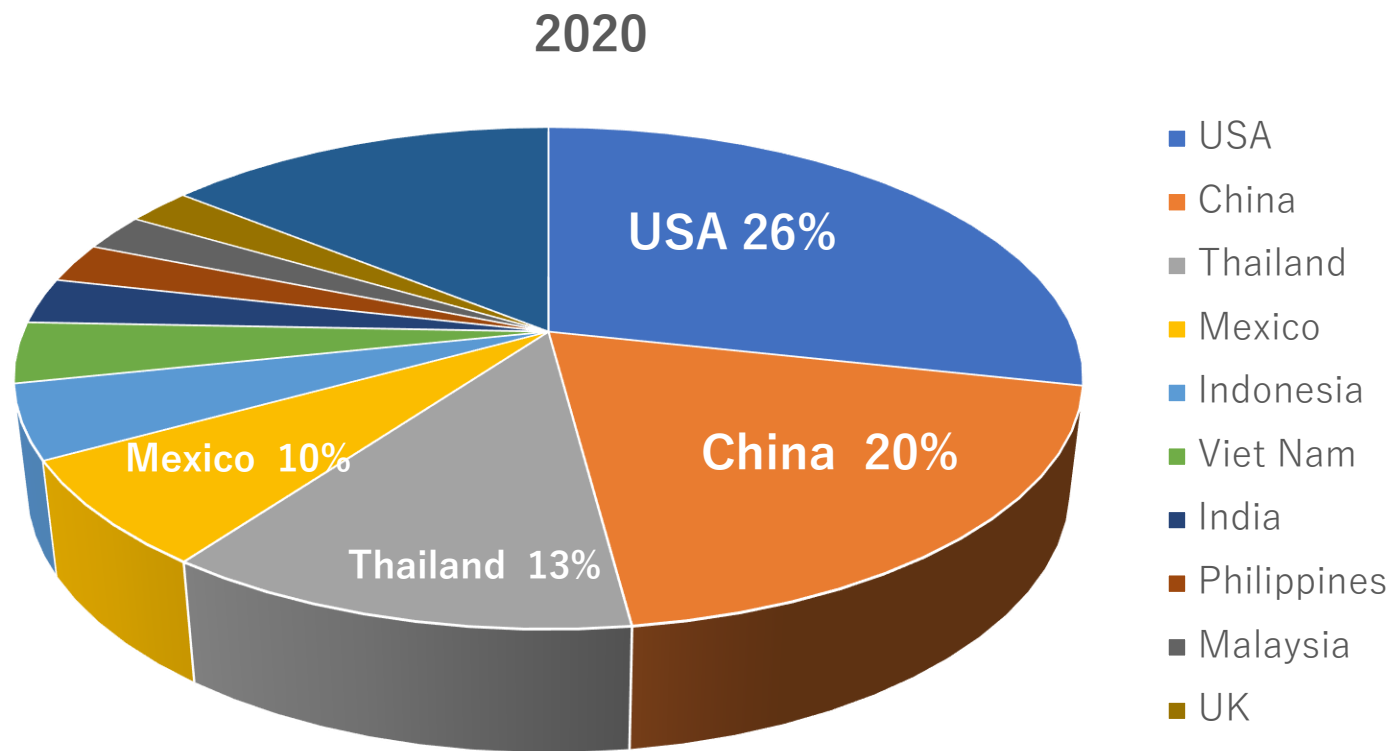
Types of Dies & Molds	Shipments	Percentage
Press Dies	510,924	37.0%
Forging Dies	49,266	3.6%
Casting Molds & Die Casting Dies	111,907	8.1%
Plastic Molds	410,829	29.7%
Rubber & Glass Molds	44,103	3.2%
Other Dies & Molds, Parts, Accessories	255,457	18.5%
Total	1,382,486	

Clients by Industry



Industry	Percentage
Automotive Industry	73.7%
Motorcycle	1.5%
Home Electronics	4.1%
Precision Apparatus	2.0%
Industrial Machine	3.4%
Business Machine	2.3%
Communication Device	1.6%
Toys & Daily Commodity	3.8%
Medical Instrument	2.4%
Others	5.3%

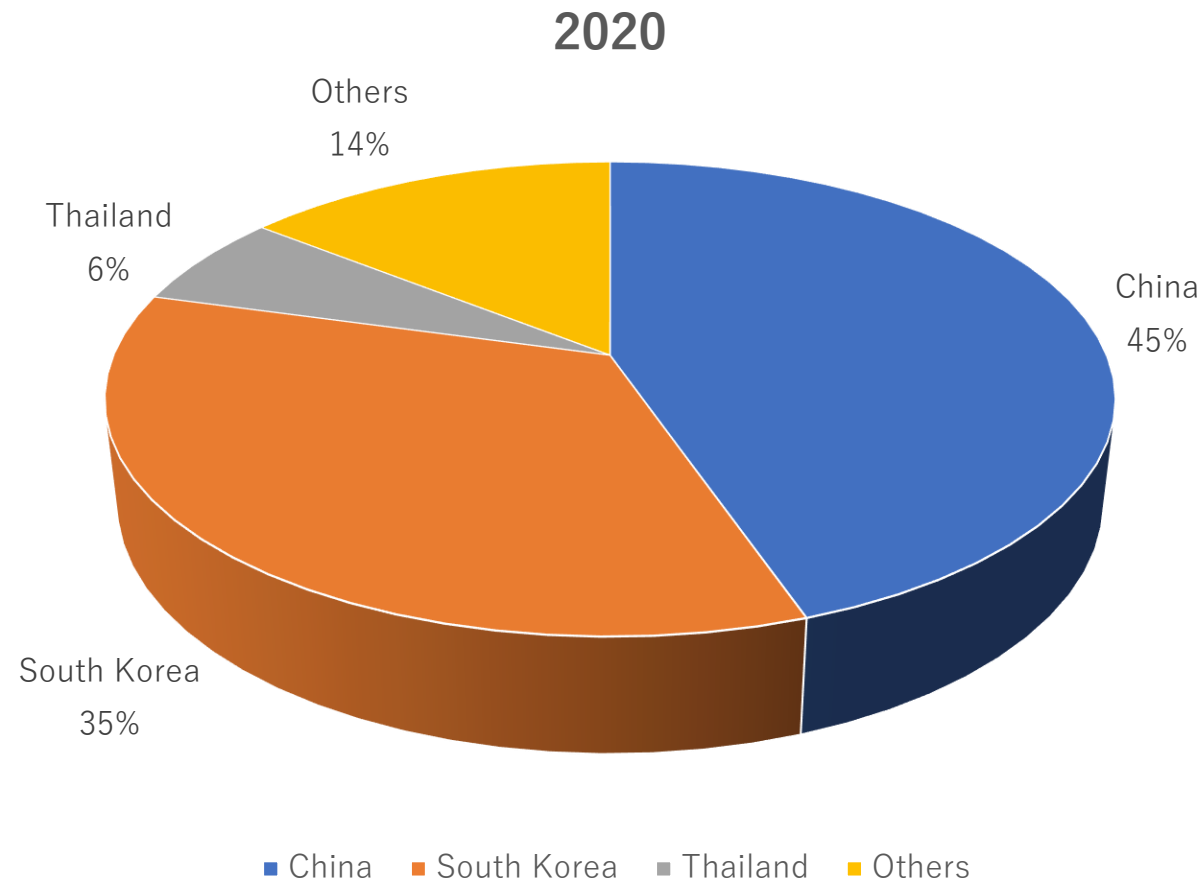
Export by Country



Data Source : Trade Statistics (Ministry of Finance)

Country	Million yen	Percentage
USA	64,600	28%
China	44,300	19%
Thailand	27,500	12%
Mexico	15,700	7%
Indonesia	10,800	5%
Viet Nam	8,900	4%
India	6,700	3%
Philippines	5,800	3%
Malaysia	5,400	2%
UK	5,300	2%
others	32,200	14%
Total	227,200	100%

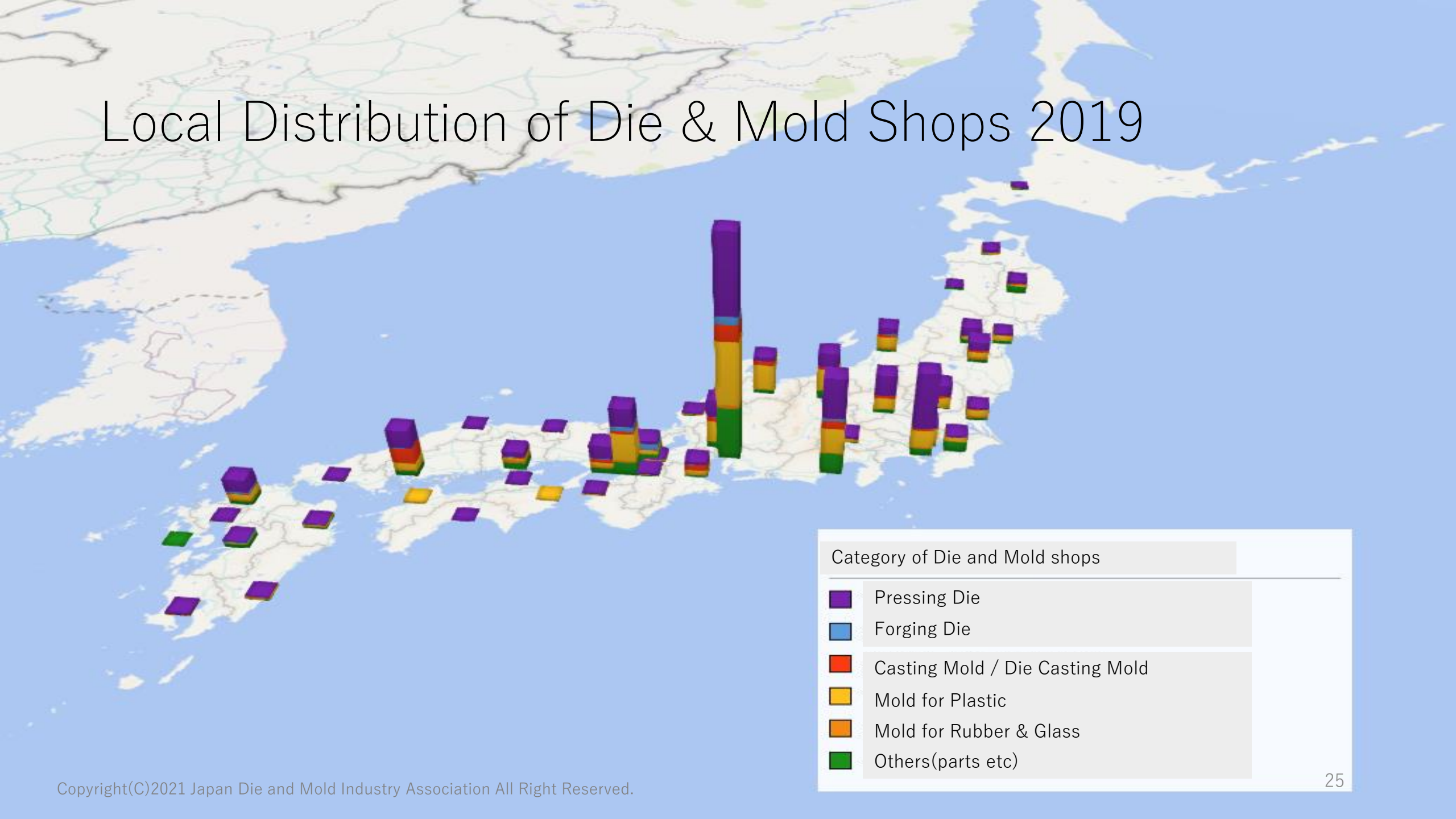
Import by Country



Data Source : Trade Statistics (Ministry of Finance)

Country	Million yen	Percentage
China	51,200	45%
South Korea	39,600	35%
Thailand	7,300	6%
Others	16,400	14%
Total	114,400	100%

Local Distribution of Die & Mold Shops 2019





Exhibitions



Exhibitions 2022



OSAKA
20WED.-23SAT. APRIL, 2022
INTEX OSAKA

JAPAN INTERNATIONAL DIE & MOLD MANUFACTURING TECHNOLOGY EXHIBITION
INTERMOLD®
Die & Mold Asia
JAPAN METAL STAMPING TECHNOLOGY EXHIBITION

The banner for the OSAKA exhibition features a dark background with a pattern of diagonal lines in shades of grey and yellow. The text is in white and bold, with the location and dates on the left and the exhibition names on the right.



NAGOYA
6WED.-9SAT. JULY, 2022
PORTMESSE NAGOYA

JAPAN INTERNATIONAL DIE & MOLD MANUFACTURING TECHNOLOGY EXHIBITION
INTERMOLD®
Die & Mold Asia
JAPAN METAL STAMPING TECHNOLOGY EXHIBITION

The banner for the NAGOYA exhibition features a red background with a pattern of diagonal lines in shades of red and yellow. The text is in white and bold, with the location and dates on the left and the exhibition names on the right.



JaDMA Activities

INTERMOLD2021 at TOKYO BIGSIGHT

Face to face exhibition was held for the first time in two years.
65 JaDMA members took part in the event as exhibitors.

INTERMOLD 2021
Die & Mold Asia 2021
**JAPAN METAL STAMPING
TECHNOLOGY EXHIBITION 2021**



Show date	Weather	Visitor number				Cumulative
		INTERMOLD2021	Die and Mold Asia 2021	Metal Stamping Technology Exhibition 2021	Dairy total	
April 14th, Wed	rainy	1,552	502	422	2,476	2,476
April 15th, Thu	sunny	2,101	532	621	3,254	5,730
April 16th, Fri	cloudy	2,500	751	805	4,056	9,786
April 17th, Sat	cloudy then rainy	837	218	242	1,297	11,083
TOTAL		6,990	2,003	2,090	11,083	

Technology Information Control System(METI)



The Minister of METI(Ministry of Economy, Trade and Industry) accredited JaDMA as certification organizations of the technology information control system which is based on the Industrial Competitiveness Enhancement Law.

JaDMA promotes a better understanding of the importance of technical information and teaches how to protect it as one of the certification organizations.

Education – Talent training

JaDMA hold seminars for education under the cooperation of other organaizations such as

- Japan Organization for Employment of the Elderly, Persons with Disabilities and Job Seekers
- Nippon Institute of Technology

- How to understand Die and Mold design drawings for beginners
- Key points of injection mold making

Vision 3.0 of Die and Mold Industry

In October of 2020, JaDMA created the third version of Die and Mold Industry Vision according to the rapid change of the society and customers' needs.



JaDMA Activities

Workshop/Development

- Die and Mold technology seminar
- Exchange meeting
- Development for young executive
- Factory tour



Research

- Quarterly state survey of Die and Mold
- Annual survey of the trend of Die and Mold
- Assessment of wage and working hours

Overseas

- Local networking
- Business matching system
- Assistance of branch out
- Hospitality for visiting groups to Japan

Public Relations for members

- Search engine of JaDMA members
- Free exhibition system of INTERMOLD

Information

- Quarterly magazine “KANAGATA”
- Information of foreign standard
- Mail magazine for members
- Die and Mold related technology Database
- Die and Mold related statistical information



Group Activities

- Machine compensation system
- Group workers ' compensation insurance

Legal/Labor management

- Free legal counsel by JaDMA legal advisor
- Free labor counsel by JaDMA consultant

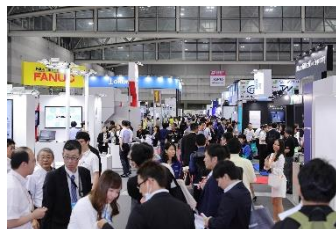
For workers of member company

- Kanagata Master Certificate
- Award for excellent workers
- Recommendation of skillful craftsmen to government



Die and Mold industry activities

- INTERMOLD Exhibitio
Tokyo/Osaka and Nagoya



- Participation in ISTMA & FADMA activities

- Promotion movie of Die and Mold industry
- Die and Mold Grand Prix for students
- Anniversary of Foundation



Services for non-members

- Die and Mold related standards
- Safety net for serious business
- Licensing examination
- High-standardized industrial regulation
- Protection of intellectual properties
- Sending industrial requirements
to the government
- Die and Mold transaction guideline
- Create Die & Mold faculty of universities

*Japan **Die & Mold** Industry Association.*