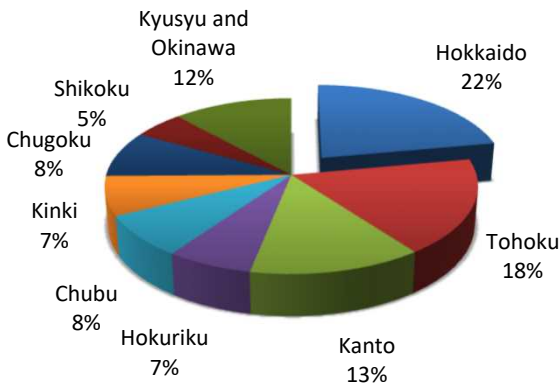
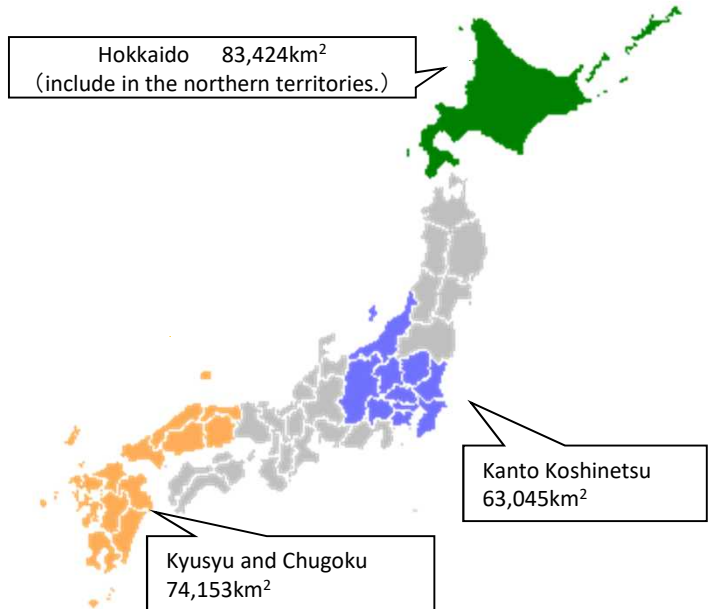


# Current State of Hokkaido

## Size

The size of Hokkaido is 83,424 km<sup>2</sup>, 22% of Japan's total land area.

Japan	377,975km <sup>2</sup>
Hokkaido	83,424km <sup>2</sup>
Ratio	22.1%
Kanto Koshinetsu	63,045km <sup>2</sup>
Kyusyu and Chugoku	74,153km <sup>2</sup>
Austria	83,878km <sup>2</sup>
Korea	100,339km <sup>2</sup>



### Note:

- The area of Hokkaido include the northern territories (Habomai Islands, Shikotan Island, Kunashiri Island, Etorofu Island), but exclude Boundary undecided.
- The map doesn't exactly show the whole territory due to limitation of space.

### Source:

- Statistics Bureau, Ministry of Internal Affairs and Communications [The World Statistics 2020]
- Geographical Information Authority of Japan [Statistical reports on the land area by prefectures and municipalities in Japan 2019]

## Population

The population of Hokkaido is 5.38million in 2015 and the population density is 68.6 people per km<sup>2</sup>, which is only 1/5 as high as national average. Compared with the other regions in Japan, local communities have been sparsely distributed in Hokkaido.

### Population

Japan	127.11 million
Hokkaido	5.38 million
Ratio	4.2%

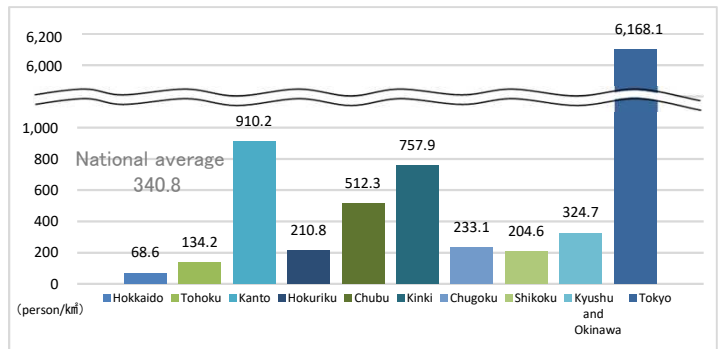
### Population Density

National Average	340.8 per km <sup>2</sup>
Hokkaido	68.6 per km <sup>2</sup>

Note: For calculation, the areas of the northern territories are excluded.

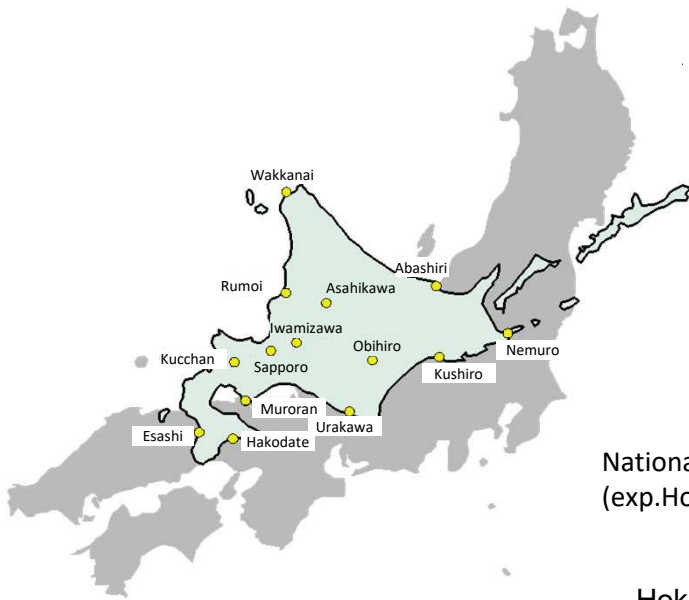
Source: • Statistics Bureau, Ministry of Internal Affairs and Communications [2015 Population Census of Japan]

### Regional population density

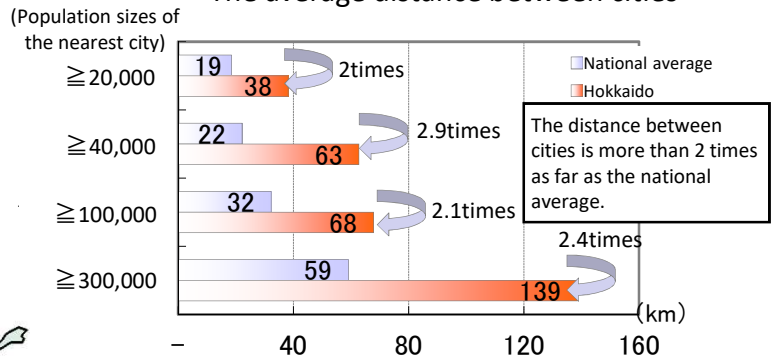


# Circumstance in a wide-area distributed society

## 【Scale of Hokkaido】



## The average distance between cities

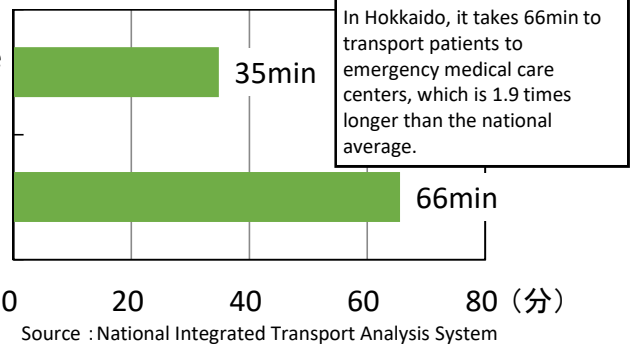


Note: Remote islands are excluded for calculation.  
Source: National Integrated Transport Analysis System

## Average time needed to travel to Emergency Medical Care Centers

National Average (exp.Hokkaido)

Hokkaido

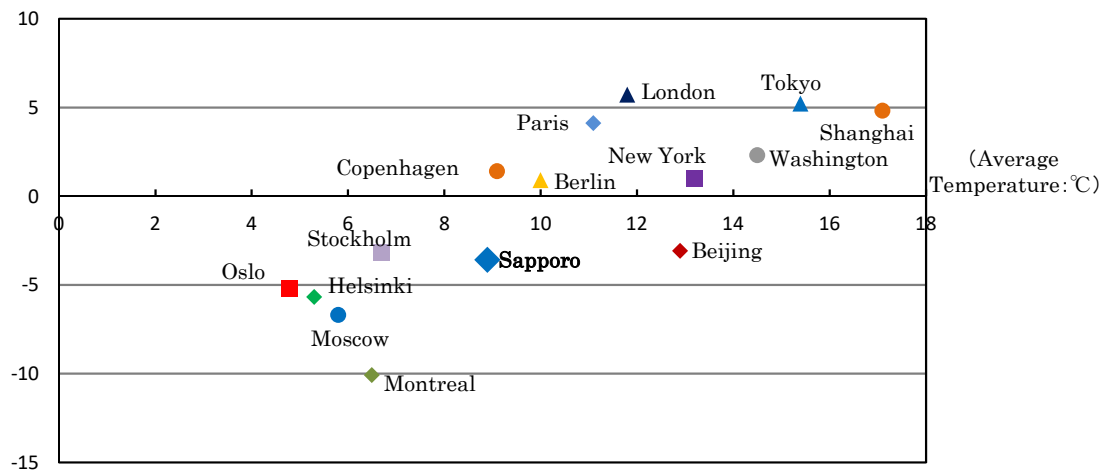


## Climate

The annual mean temperature in Sapporo is 8.9°C. The lowest monthly mean temperature is -3.6°C in January

Sapporo is one of metropolitan cities which are famous for snow and cold temperature in the world.

(The Lowest Temperature: °C)

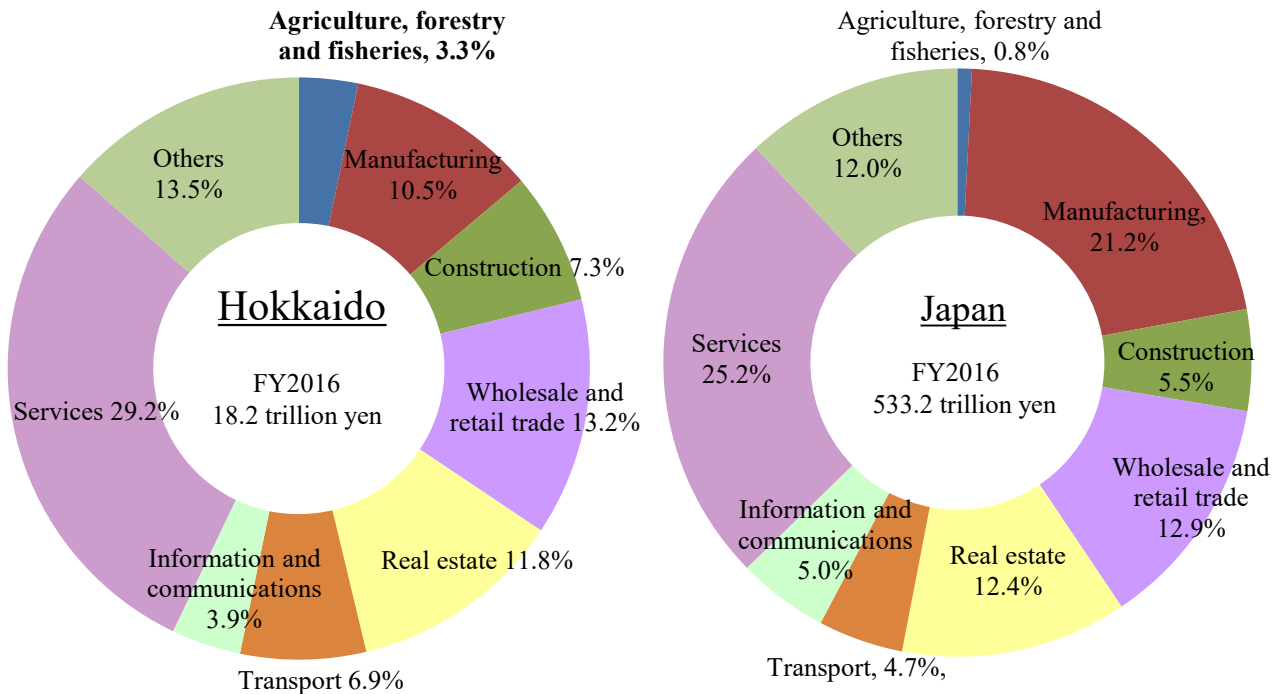


Source: National Astronomical Observatory of Japan [Chronological Scientific Tables (2020)]

## Economy and Industry

Regional GDP in Hokkaido is 18.2 trillion yen. Agriculture, forestry and fisheries sector constitutes 3.3% of GDP in Hokkaido, which is higher than that of National GDP, while the proportion of Manufacturing sector of Hokkaido is about as half portion as that of National GDP.

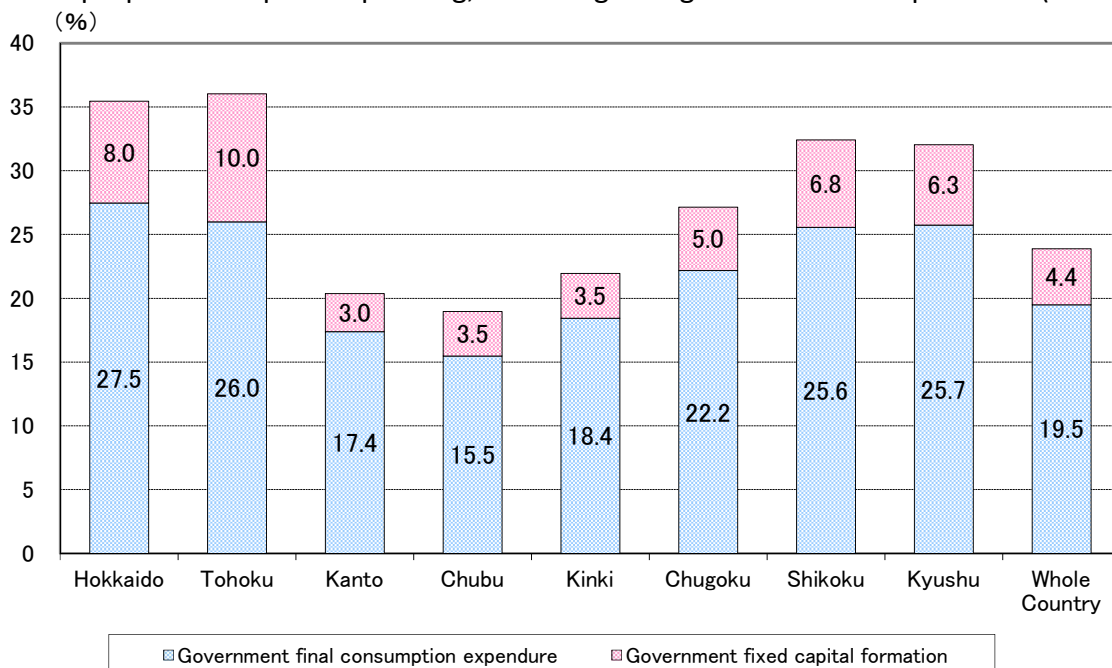
Gross Domestic Production in Hokkaido and Japan



Source : •Cabinet Office [2016 Annual Report on Prefectural Accounts]

Public gross expenditure rate of Hokkaido reaches 35.5%, which is higher than that of National Average.

The proportion of public spending, to the regional gross domestic expenditure(FY2016)

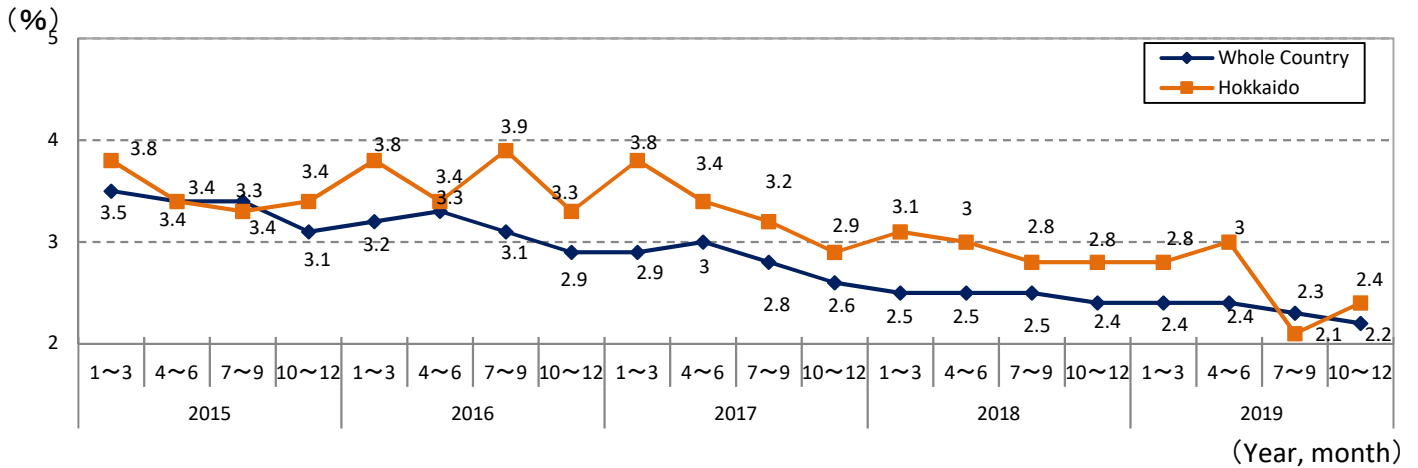


Source : Cabinet Office [2016 Annual Report on Prefectural Accounts]

# Employment

## 1. Unemployment Rates

Trend of the unemployment rates in Hokkaido continue to exceed that of the whole country, and the employment situation remains severe.

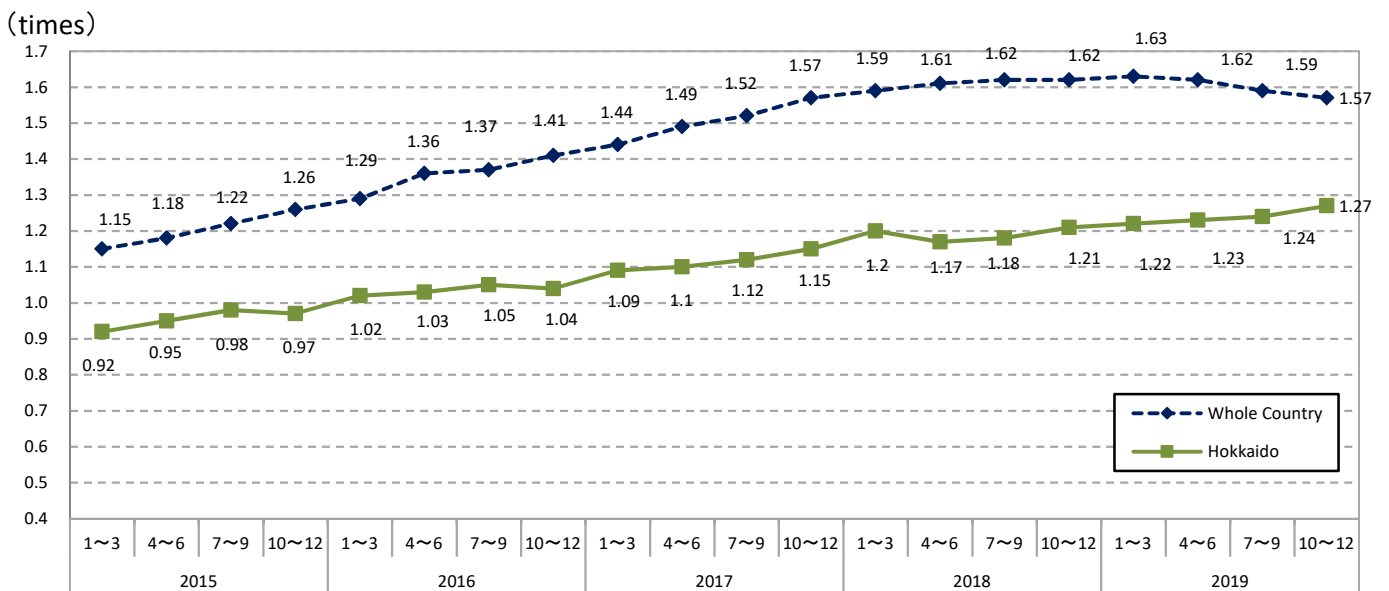


Note: original numerical value

Source: Ministry of Internal Affairs and Communications, Statistics Bureau [Labor Force Survey]

## 2. Effective ratio of job offers to applicants

Compared with the whole country, effective ratio of job offers to applicants in Hokkaido remains low.



Note: Seasonally adjusted figure

Source: Ministry of Health, Labour and Welfare [General Employment Placement Situation]

(Year, Month)

## Agriculture

Hokkaido has very large farming area (about one-fourth of that of Japan). The agricultural output in 2018 was 1.259 billion yen, which accounted for about 14% of Japan.

### Current State of Hokkaido Agriculture

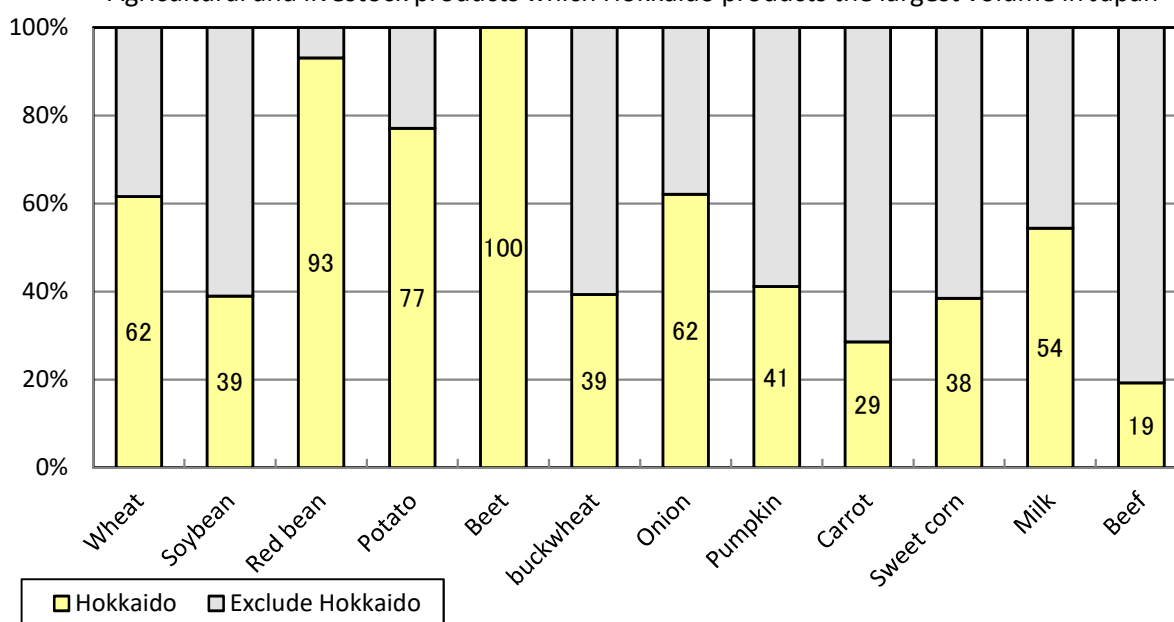
Articles	Unit	Hokkaido	Whole country	Nationwide ratio	Investigation year
The total number of farm households	1,000 households	44	2,155	2.1%	2015
The number of commercial farm households	1,000 households	35	1,130	3.1%	2019
Include the number of full-time farm households	1,000 households	25	236	10.6%	2019
Commercial farmers (commercial farm households)	1,000 people	88	1,681	5.2%	2019
Cultivated land area	1,000 ha	1,144	4,397	26.0%	2019
Cultivated acreage under management area per one management body (commercial farm households)	ha	28.5	3.0	9.5times	2019
The number of animal feeding					
Dairy cattle	1,000 cattle	801	1,332	60.1%	2019
Beef cattle	1,000 cattle	513	2,503	20.5%	2019
Number of dairy cattle per household	cattle	134.2	58.5	2.3times	2019
Agricultural output	Billion yen	12,593	91,283	13.8%	2018

Note: Cultivated acreage under management area per one management body and the number of dairy cattle per household area value except Hokkaido.

Source: Ministry of Agriculture, Forestry and Fisheries [Census of Agriculture and Forestry 2015], [2019 Cultivated Land Area and Planted Area Statistics], [2019 Live Stock Statistics], [2018 Production Agriculture Income Statistics]

Hokkaido contributes as the largest food supply, and has a large share of production of potatoes, onions, wheat, soybeans, red beans, beets and so on.

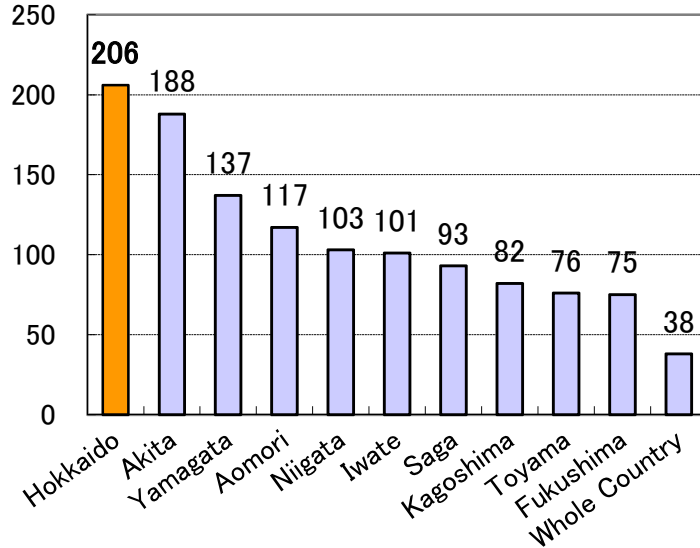
### Agricultural and livestock products which Hokkaido produces the largest volume in Japan



Source: Ministry of Agriculture, Forestry and Fisheries [2018 Vegetable Production Shipment Statistics], [2018 Crop Statistics], [2018 Milk Dairy-Products Statistics], [2018 Livestock Product Circulation Statistics]

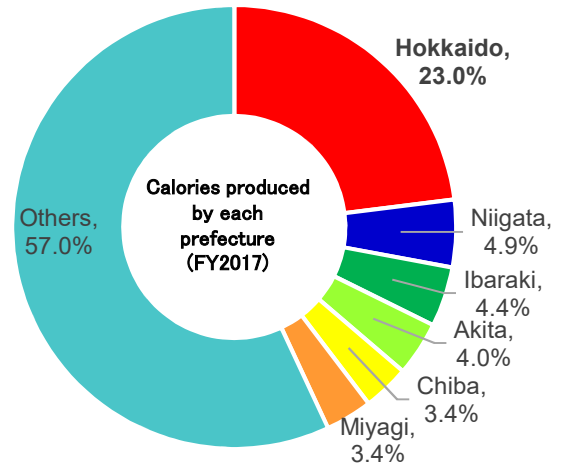
The rate of food self-sufficiency in Hokkaido reached about 200% in FY2017. Hokkaido plays an important role for securing of stable supply of food in Japan.

Ranking of the Rate of Food Self-Sufficiency in Japan (FY2017)  
(%)



Source: Ministry of Agriculture, Forestry and Fisheries [Food Self-Sufficiency rate]

Domestic share of Calorie-based Food Self-Sufficiency



Source: Ministry of Agriculture, Forestry and Fisheries [Food Self-Sufficiency rate]  
Statistics Bureau, Ministry of Internal Affairs and Communications [Estimate of the Population]

## Fisheries

Hokkaido has a large share of the Quantity of catches of marine fisheries and the aquaculture, which are larger than any other prefecture.

Current State of Hokkaido Fishery Industry (FY2018)

Articles	Hokkaido		Whole Country		Nationwide Ratio	
	Quantity of catches (1,000 ton)	Value of production (billion yen)	Quantity of catches (1,000 ton)	Value of production (billion yen)	Quantity of catches (%)	Value of production (%)
Marine fisheries and aquaculture	996	2,750	4,364	14,238	22.8%	19.3%
Marine fisheries	877	2,382	3,359	9,377	26.1%	25.4%
Marine aquaculture	119	368	1,005	4,861	11.8%	7.6%

Source: Ministry of Agriculture, Forestry and Fisheries [2018 Statistics on Fishery and Aquaculture Production], [2018 Fishery Output]

## Forestry

The forest area of Hokkaido is about 5.5 million hectares which occupies 22% of the total forest area in Japan and plays an important role in preventing global warming.

### Current State of Hokkaido Forestry

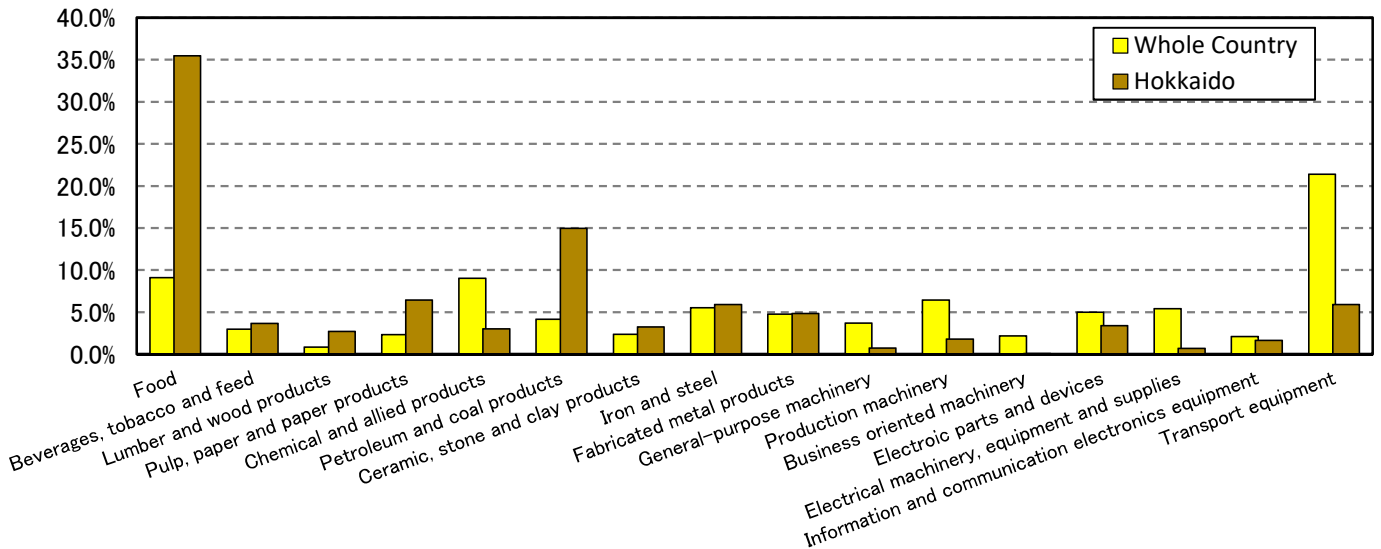
Articles	Unit	Hokkaido	Whole country	Nationwide ratio	Statistic year(date)
Forest area	10,000ha	554	2,505	22.1%	2017.3.31
Forestry output value	1 hundred million yen	468	4,629	10.1%	In 2018
Domestic timber supply amount	10,000m3	334	2,164	15.4%	In 2018
Larch	10,000m3	154	225	68.3%	

Source: Ministry of Agriculture, Forestry and Fisheries[2013 Income of forestry statistics report] Forestry Agency[Forest resources research]

## Manufacture

Manufacture of food sector accounts for significant share of all sectors in Hokkaido, while manufacture of machinery sector is comparably small.

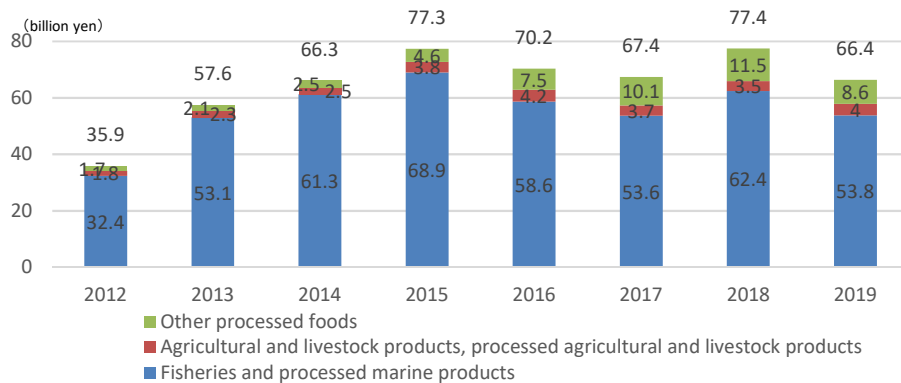
### Composition ratio on Value of Shipments of manufactured goods (FY2017)



Source: Ministry of Economy, Trade and Industry [2018 Industrial statistics survey]

## Food Export

The value of Hokkaido food exports in 2018 increased highly in the last decade, while in 2019 it decreased by 1 billion yen from 2017 and 11 billion yen from 2018 to 66.4 billion yen.



Source: Hokkaido [Hokkaido Food Export Expansion Strategy <Phase II> Promotion Status Report <2019 (January-December)>]

# Tourism

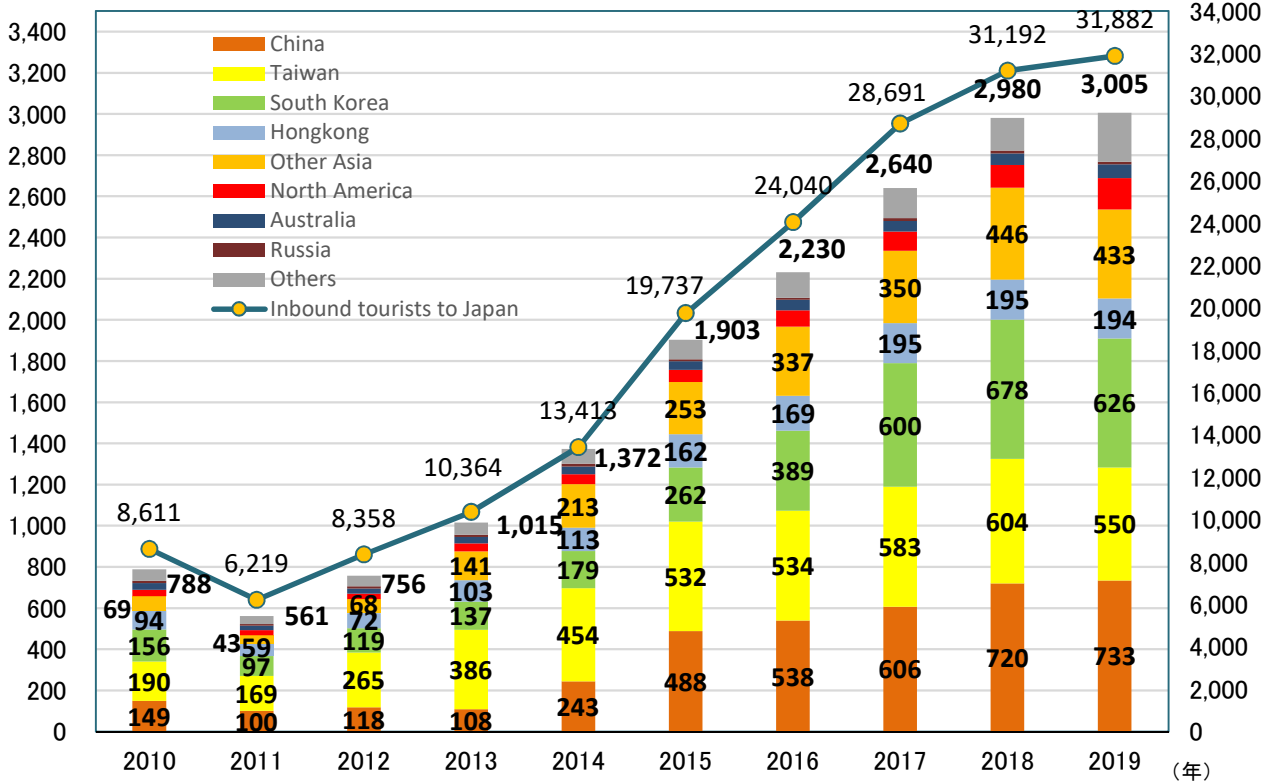
The number of inbound tourists to Hokkaido in 2018 increased by 13% compared to the previous year, reaching 2.98 million. This is the largest ever and accounts for 10% of the whole inbound tourists to Japan (31.1 million).

As the number of the inbound tourists to Hokkaido increases, and the number of rent-a-car rented by foreigners is also increasing.

## The Number of Inbound Tourists to Japan and Hokkaido

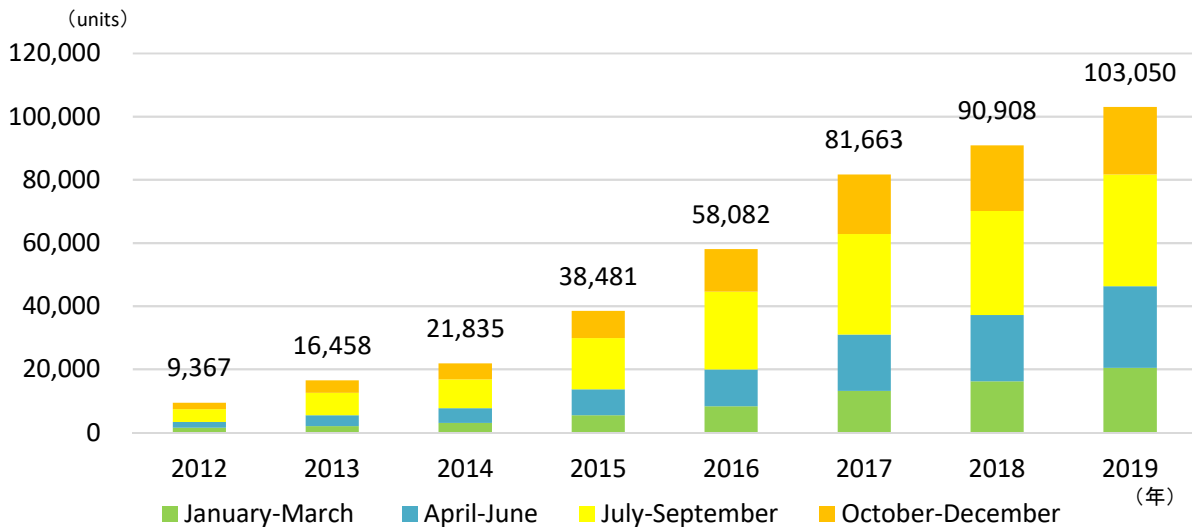
(The number of Inbound tourists to Hokkaido: 1,000 people)

(The number of Inbound tourists to Japan: 1,000 people)



Source : Hokkaido Government [<http://www.pref.hokkaido.lg.jp/>]  
Japan National Tourism Organization [<http://www.jnto.go.jp/>]

## The number of rent-a-car rented by foreigners

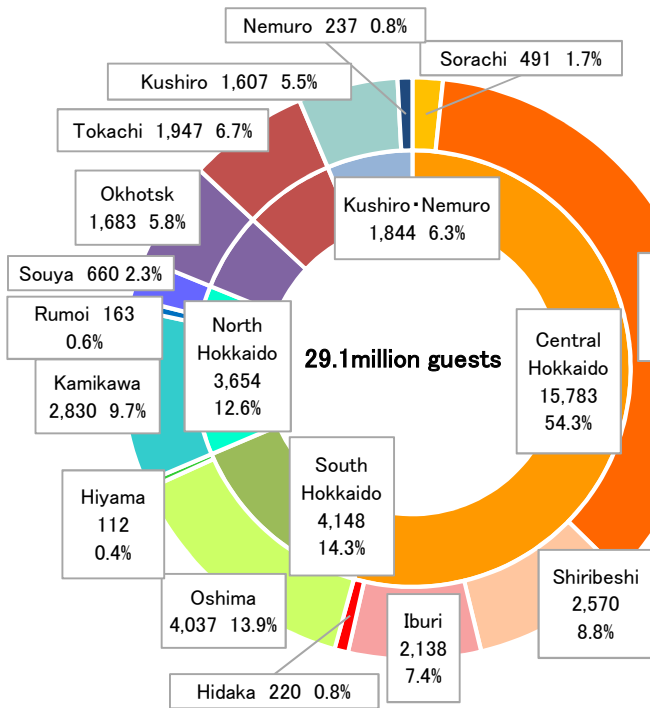


Source : Hokkaido Rent-A-Car Association

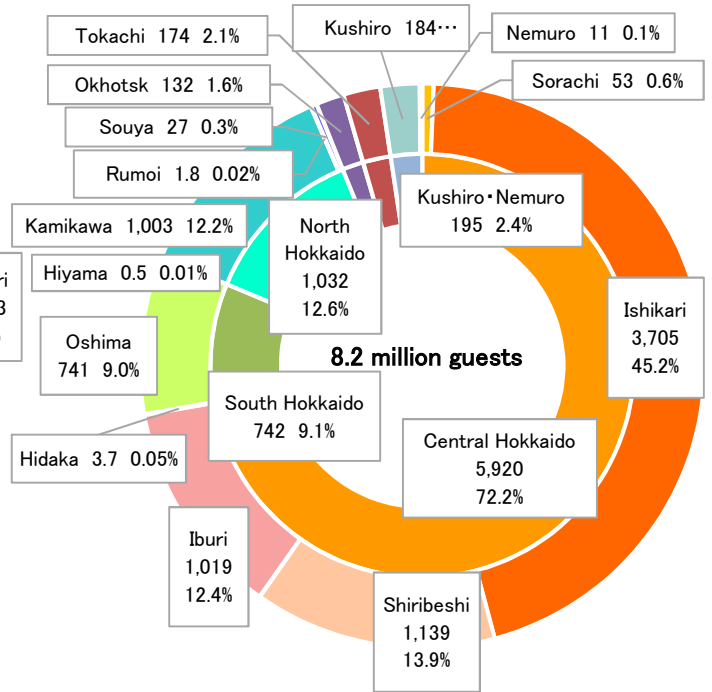


Inbound tourists to Hokkaido are more likely to visit Central Hokkaido Area than Japanese tourists. About 72% of Inbound tourists to Hokkaido visit Central Hokkaido Area.

Total number of Japanese guests by Subprefecture in 2018



Total number of Foreign guests by Subprefecture in 2018



Source : Hokkaido Government [<http://www.pref.hokkaido.lg.jp/>]

Note : In this graph, the number shows 1,000 guests, and % shows ratio of whole guests.

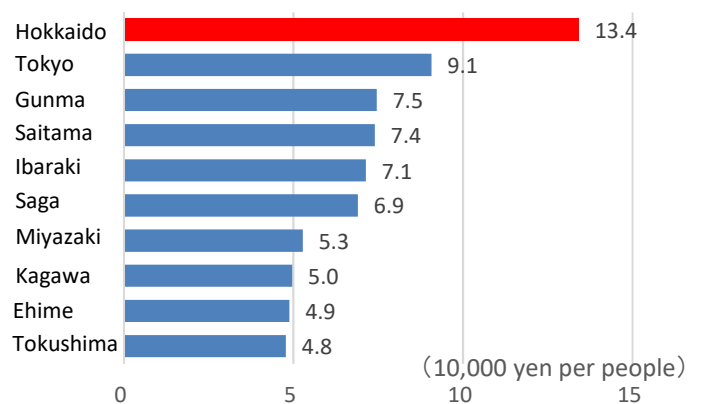
Hokkaido is a popular destination for Asian people. The number of inbound tourists to Hokkaido is increasing and the expenditure per capita is the highest in Japan.

Ranking of Desired Destinations in Japan for Asian People

	Whole Asia	China	Taiwan	Hong Kong	Korea	Thailand	Indonesia	Malaysia	Singapore
No.1	Tokyo	Mt.Fuji	Hokkaido	Hokkaido	Sapporo	Mt.Fuji	Tokyo	Mt.Fuji	Mt.Fuji
No.2	Mt.Fuji	Tokyo	Kyoto	Osaka	Tokyo	Tokyo	Mt.Fuji	Hokkaido	Hokkaido
No.3	Hokkaido	Hokkaido	Osaka	Tokyo	Hokkaido	Hokkaido	Osaka	Tokyo	Tokyo
							No.5:Hokkaido		

Source : Development Bank of Japan [[https://www.dbj.jp/upload/investigate/docs/15c5b111dfc6c5230588c62bdfa63f37\\_1.pdf](https://www.dbj.jp/upload/investigate/docs/15c5b111dfc6c5230588c62bdfa63f37_1.pdf)]

Top 10 Japanese Prefectures by Expenditure per capita in 2017

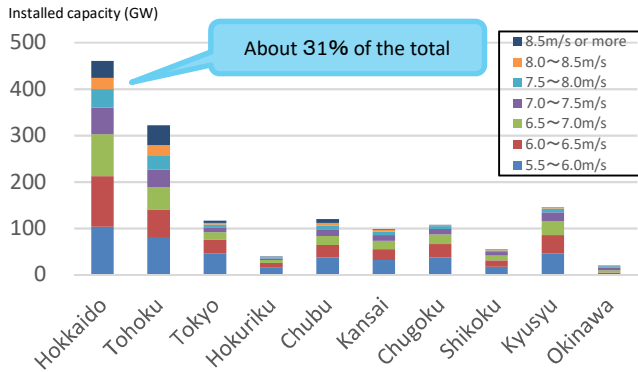


Source: Japan Tourism Agency [<http://www.mlit.go.jp/kankocho/siryou/toukei/irikomi.html>]

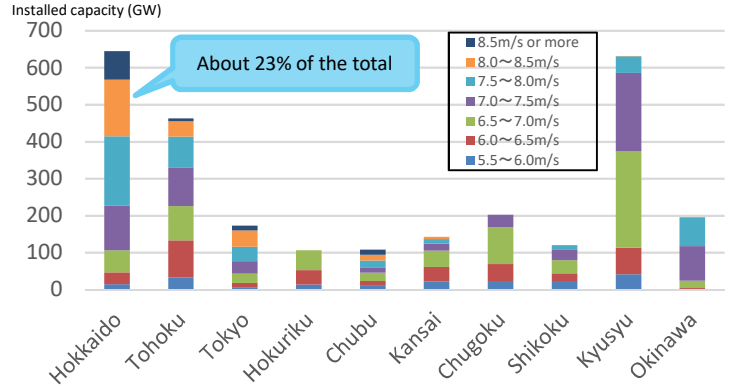
## Energy

Hokkaido has abundant renewable energy resources, including solar, wind, geothermal, biomass, and snow-and-ice resources, whose utilization is needed to accelerate.

### Endowment distribution of onshore wind



### Endowment distribution of offshore wind



Source: Ministry of the Environment [Study on Basic Zoning Information Concerning Renewable Energies (FY 2015)]

Cold, snowy climate and scattered population society makes CO<sub>2</sub> emissions per capita in Hokkaido larger than that of national average.

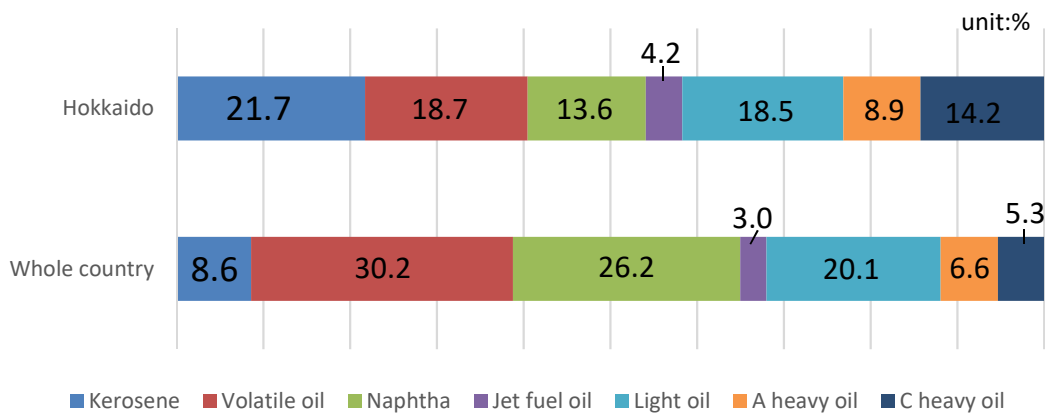
### Carbon dioxide emissions (FY2016)

Item	Hokkaido	Whole Country
Carbon dioxide emissions	70.17 million ton - CO <sub>2</sub>	1,308.00 million ton - CO <sub>2</sub>
per capita	13.1 ton - CO <sub>2</sub> /person	10.3 ton - CO <sub>2</sub> /person

Source: Hokkaido Government [<http://www.pref.hokkaido.lg.jp/ks/tot/ops/ht/jyoukyou.htm>]

Owing to cold, snowy climate, residents of Hokkaido consume many kerosene to make their house warm.

### Petroleum product demand composition ratio



Source: Hokkaido Government [Hokkaido Economic Handbook 2019]

