

# About Liaoning

People's Government of Liaoning Province

## Nature

**Location.** Liaoning Province is located in south of Northeast China, between 118°53'E - 125°46'E and 38°43'N - 43°26'N.

**Area.** The total land area of the province is 148,000km<sup>2</sup> (accounting for 1.5% of the national total), of which the mountain area is 88,000km<sup>2</sup> (accounting for 59.5%); the flat land area is 48,000km<sup>2</sup> (accounting for 32.4%); the area of water area and others is 12,000km<sup>2</sup> (accounting for 8.1%).

**Rivers.** There are more than 300 rivers in the province, including 17 with catchment area of 5,000km<sup>2</sup> and 31 with catchment area of 1,000km<sup>2</sup>-5,000km<sup>2</sup>.

**Mountains.** The mountains in the province are distributed on the east and west sides. The mountains on the east are extended from Hadaling and Longgang Mountain, composed of the two parallel highlands in the north and south, with an altitude of 500m-800m. The highest peak is 1,300 meters above sea level, the highest point in the province.

**Ocean.** The province has a vast sea area. Liaodong Peninsula faces the Bohai Sea on the west and the Yellow Sea on the east. The sea area (continental shelf) is 150,000km<sup>2</sup>, including 64,000km<sup>2</sup> of the offshore sea area. The area of beach along the coast is 2,070km<sup>2</sup>.

**Islands.** The province has 266 marine islands, covering an area of 191.5km<sup>2</sup>, accounting for 0.24% of the total area of the national marine islands and 0.13% of the national total area. The coastline of the island measures 627.6km, accounting for 5% of the total coastline of China.

**Climate.** Liaoning, located in the southern part of the middle latitude, on the east coast of the Eurasian continent, features a temperate continental monsoon climate with the same seasons of rain and heat, abundant sunshine and four distinct seasons. In winter, the long-term and cold northwester wind takes the dominance; in summer, it is hot and rainy with a lot of southeaster wind; in spring, it has more rain than winds; while in autumn, the sunny days do not last long. The annual sunshine radiation ranges from 100 calories/cm<sup>2</sup> - 200 calories/cm<sup>2</sup>; the annual sunshine duration is between 2,100 hours-2,900 hours; and the annual average temperature is 5.2°C to 11.7°C, with the highest of 30°C and lowest of 30°C below zero. The annual average precipitation is 400mm - 970mm; and the average frost-free period is 130days - 200 days (more than 150 days in general).

## Resources

**Land resources.** Based on the status quo, the cultivated land area is 4,092,900 hectares, accounting for 27.65% of the total land area of the province, and the per-capita area is about 0.096 hectares, of which about 80% is distributed in the central plain and the low hills in northwest Liaoning. The area of garden plots is 598,500 hectares, accounting for 4.04% of the total land area; the forest area is 5,690,700 hectares, accounting for 38.47% of the total; the grassland area is 350,100 hectares, accounting for 2.37% of the total and mainly distributed in the northwest; the area of other agricultural lands is 499,600 hectares, accounting for 3.38% of the total; the area of settlement and independent industrial & mining lands is 1,134,700 hectares, accounting for 7.67% of the total; the area of transportation land is 88,200

hectares, accounting for 0.6% of the total; the area of land for water conservancy facilities is 148,000 hectares, accounting for 1% of the total; the area of unused lands is 1,383,100 hectares, accounting for 9.3% of the total.

Mineral resources. Liaoning is situated in the northern margin of the Pacific Rim, which gives it excellent geological and mineralization conditions and rich mineral resources. The province has discovered 110 types of minerals, including 66 with proven reserve (excluding oil, natural gas, coalbed methane, radioactive minerals, groundwater and mineral water), and 672 mineral deposits. Of the 45 major minerals that have a major impact on the national economy, the province holds 36 types in 620 deposits.

## **Population**

Population. According to the sampling survey of 1% population survey in 2017, the resident population at the end of 2017 was 43.689 million, of which, the urban population was 29.486 million, accounting for 67.49% of the total permanent residents; and the rural population was 14.203 million, accounting for 32.51% of the total.

## **National economy**

In 2017, the per capita GDP of Liaoning was RMB2,394.2 billion (with an increase of 4.2% over 2016), including: (i) RMB218.21 billion from primary industry (up by 3.6% YoY); (ii) RMB939.78 billion from secondary industry (up by 3.2% YoY); and (iii) RMB1,236.21 billion from tertiary industry (up by 5.0% YoY). The per-capita GDP of Liaoning was RMB54,745, with an increase of 4.3% over 2016.

## **Farming, forestry, animal husbandry & fishery**

In 2017, the plating area of crops was 3,227,200 hectares, down by 4,200 hectares from 2016, of which the planting area of rice and corn was 581,700 hectares and 2,179,700 hectares, respectively. The plating area of cash crops in 2017 was 757,000 hectares, down by 75,700 hectares from 2016.

The total grain yield of 2017 was 21,367,000 tons (up by 361,000 tons YoY), including 4,984,000 tons of rice and 14,489,000 tons of corns. In 2017, the yield of oil plants was 812,000 tons; that of vegetables and edible fungi was 20,480,000 tons; and that of fruits was 8,092,000 tons (up by 69,000 tons YoY).

In 2017, the area of afforestation is 144,200 hectares; that of forest rearing is 94,000 hectares; and that of seedling was 27,500 hectares; The number of tree planted with voluntary was 60 million. The volume of forest cutting was 2,767,000 cubic meters.

The output of pork, beef, mutton and fowl was 4,203,000 tons.

The annual output of aquatic products (excluding distant fishing) was 5,209,000 tons, down by 0.1% YoY.

## **Industry**

In 2017, the added value of the industries above scale increased by 4.4% YoY, of which, the added value of state holding enterprises grew by 5.0% YoY; that of collective enterprises grew by 16.3% YoY; that of

joint-equity enterprises grew by 3.1% YoY; and that of the enterprises with foreign investment and from Hong Kong, Macau and Taiwan grew by 7.4% YoY.

By category, the added value of mining industry above scale grew by 3.2% YoY; that of the manufacturing grew by 4.8% YoY; and that of the production and supply of electricity, heat, gas and water grew by 2.3% YoY.

By sectors, the added value of equipment manufacturing above scale increased by 7.4% YoY, accounting for 32.0% of the added value of industries above scale.

### **Domestic trading**

In 2017, the retail sales of social consumer goods totaled RMB1,380.72 billion (up by 2.9% YoY). By places of operation, the retail sales in urban areas was RMB1,241.28 billion, increasing by 2.5% from 2016; and that in rural areas was RMB139.44 billion, increasing by 7.1% from 2016. By type of consumption, the retail sales of commodities was RMB1,213.98 billion, up by 2.9% YoY; and catering income was RMB166.74 billion, up by 3.2% YoY.

### **Opening up**

In 2017, the imports and exports of Liaoning Province totaled RMB673.74 billion (up by 17.9% YoY), including RMB304.17 billion (up by 7.1% YoY) from exports and RMB369.57 billion (up by 28.6% YoY) from imports. By terms of trade, in 2017, the imports and exports of general trade totaled RMB366.48 billion, up by 20.3% YoY; and those of the processing trade was RMB180.18 billion, up by 2.4% YoY. By type of economy, the total imports and exports of state-owned enterprises was RMB191.87 billion, up by 37.9% YoY; that of private businesses was RMB193.87 billion, up 10.1% YoY; and that of foreign-invested enterprises was RMB287.80 billion, up by 12.5% YoY.

In 2017, the direct foreign investment reached USD5.34 billion, of which the direct foreign investment into the primary, secondary and tertiary industries was USD30 million, USD3.09 billion and USD2.22 billion, respectively.