

CHINA TRADE

Data Visualization

Research Team

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CHINA TRADE

Introduction

2018 marked both the 70th anniversary of China's process of economic reform and the 17th anniversary of China joining the World Trade Organization (WTO). Since China joined the WTO in 2001, the country has made tremendous progress in the area of international trade, ranking 1st and 2nd in global goods exports and imports, respectively, and replacing the United States (US) as the largest global trader of goods in 2013.

This data visualization of China's trade with the US and Canada presents the key figures of US-China and Canada-China bilateral international trade in 2018, and breaks down the aggregate figures into different product categories to provide a more structured view regarding these complex trade details. The data are extracted from the General Administration of Customs (GAC, 海关总署) of the People's Republic of China (PRC) and includes four types of figures: (1) Canada exports to China in 2018, (2) US Exports to China in 2018, (3) China exports to Canada in 2018 and (4) China export to US in 2018.

This data presentation is a part of the China Institute's "China Numbers" series. The visualization facilitates a clear view of China's bilateral trade relationship with two important trading partners. It highlights that Canada mainly exports agriculture products and primary commodities such as precious metals, pearls, mineral products, which differs from the trading pattern between the US and China. Meanwhile, both Canada and the US heavily import manufactured goods, such as machinery and mechanical appliances, and textiles from China. The primary aim of the "China Numbers" data visualization is to highlight official government data and convert it into an interesting visual that is easy to understand.

LEGEND

CANADIAN EXPORTS TO CHINA

All numbers (in millions) are shown in USD (2017)



Live animals; animal products



Vegetable products



Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes



Prepared foodstuffs; beverages; spirits and vinegar; tobacco and manufactured tobacco substitutes



Mineral products



Products of the chemical or allied industries



Plastics and articles thereof; rubber and articles thereof



Raw hides and skins, leather, fur skins and articles thereof; saddlery and harness; travel goods, handbags and similar containers; articles of animal gut



Wood and articles of wood; wood charcoal; cork and articles of cork; articles of straw, esparto or other plaiting materials



Pulp from wood or other fibrous cellulosic material; recovered (waste and scrap) paper or paper board; paper and paperboard and articles thereof



Textiles and textile articles



Footwear, headgear, umbrellas, sun umbrellas, walking sticks, seat sticks, whips, riding crops and parts thereof; prepared feathers and articles made therewith; artificial flowers; articles of human hair



Articles of stone, plaster, cement, asbestos, mica or similar materials; ceramic products; glass and glassware



Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal and articles thereof



Base metals and articles of base metal



Machinery and mechanical appliances; electrical equipment; parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles



Vehicles, aircraft, vessels and associated transport equipment



Arms and ammunition; parts and accessories thereof



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EXPORTS

CANADIAN EXPORTS TO CHINA IN 2018

All numbers (in thousands) are shown in USD (2018)

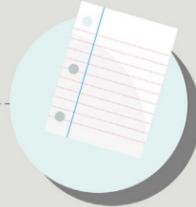
18.65%
5,292,135



3.55%
1,006,892



12.84%
3,645,031



0.81%
230,427



1.60%
454,104



8.19%
2,323,998



0.19%
54,002



10.76%
3,054,499



3.35%
949,545



0.01%
3,059



5.41%
1,536,763



16.14%
4,581,923



5.16%
1,463,230

2.26%
642,706



10.76%
3,054,499



5.25%
1,490,972

3.47%
984,948



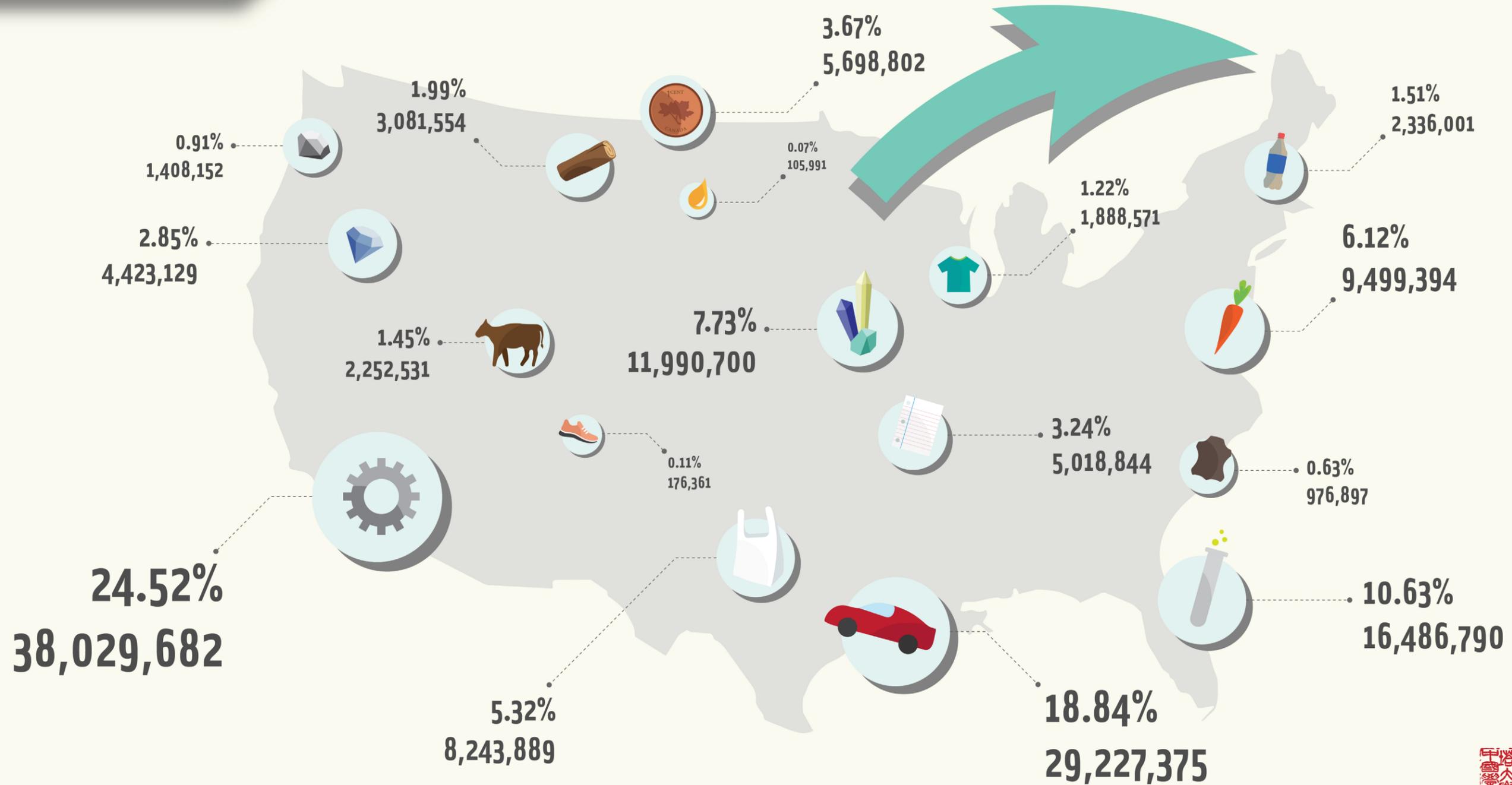
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All statistical data have been extracted from Customs Import and Export Tariff of the People's Republic of China (PRC), 2018.

EXPORTS

USA EXPORTS TO CHINA IN 2018

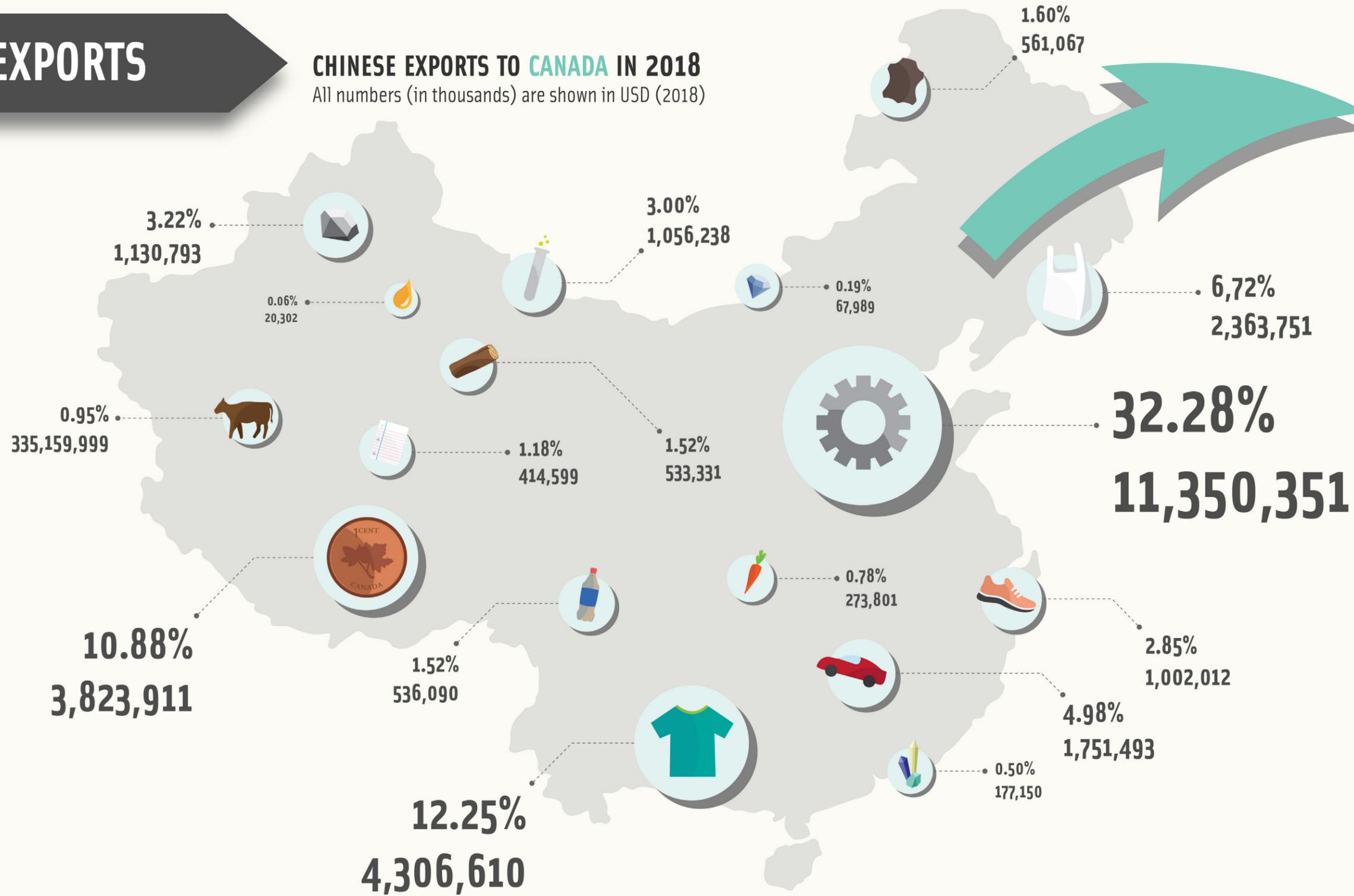
All numbers (in thousands) are shown in USD (2018)



EXPORTS

CHINESE EXPORTS TO CANADA IN 2018

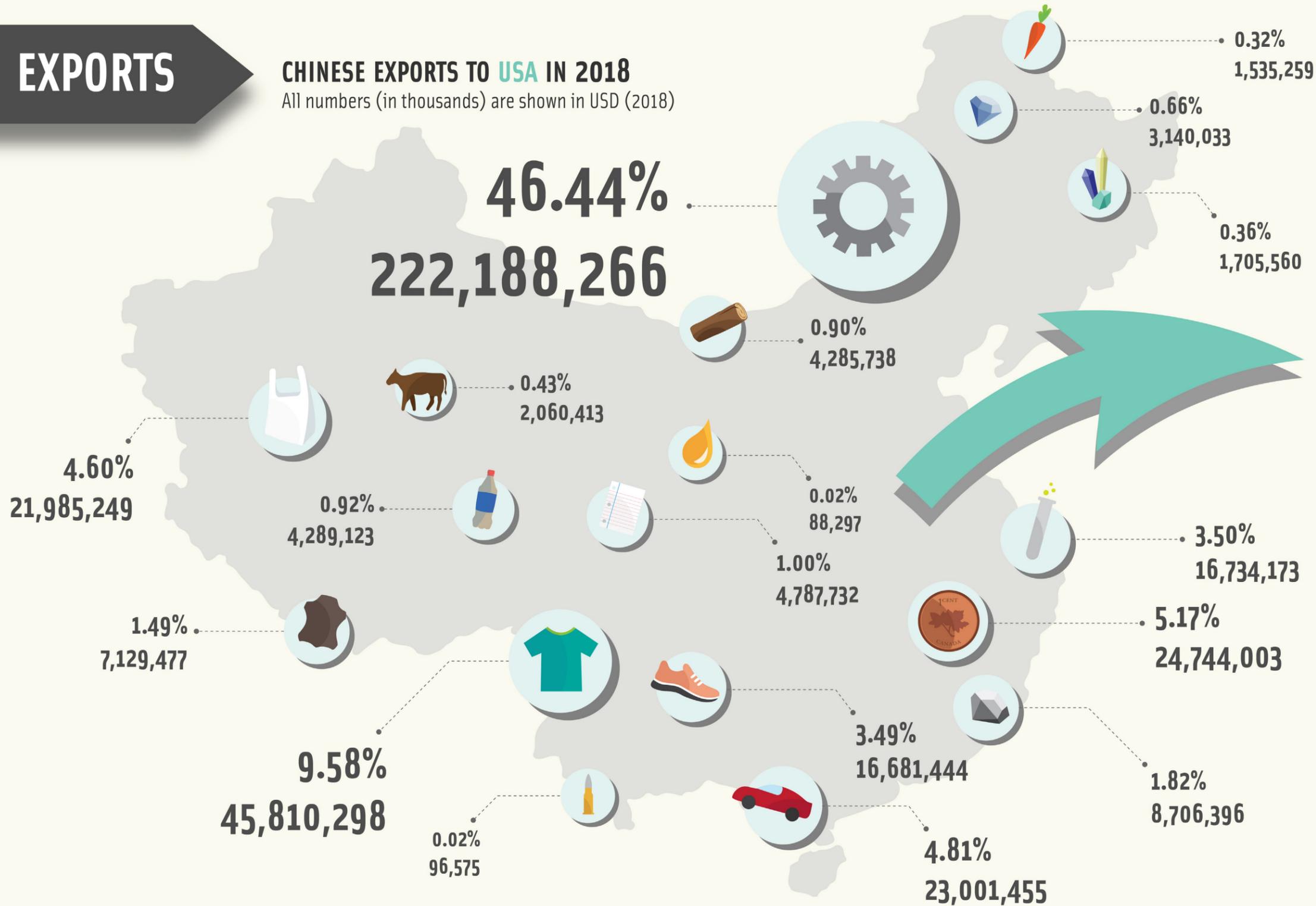
All numbers (in thousands) are shown in USD (2018)



EXPORTS

CHINESE EXPORTS TO USA IN 2018

All numbers (in thousands) are shown in USD (2018)



All statistical data have been extracted from Customs Import and Export Tariff of the People's Republic of China (PRC), 2018.