

# Study on Service Life of Copper End Use Products & Copper Scrap Recycling Forecast in China (2019-2030)



China has become the world's largest consumer of copper since 2002. By 2018, China's refined copper consumption has reached 11.17 Mt, accounting for 48% of the world. As China's economy enters a new era and its economic development mode is changing, The elasticity of copper demand will weaken, but consumption peak has not yet arrived, so when will the consumption peak appear? With the long-term accumulation of copper consumption in China, a large amount of copper has accumulated in the society. According to statistics, China's refined copper consumption in 1949-2018 has reached 145 Mt. Especially since entering the 21st century, growth rate of copper consumption has further increased. When the copper containing products go to the end of service life, copper scrap volume will increase largely. In the future, supply structure of copper raw materials will experience major changes, and copper scrap supply will increase year by year.

Based on the analysis and forecast for China's refined copper consumption and consumption structure during the period 2000-2030, this report analyzes and predicts the life cycle of the end use products and estimates the amount of copper scrap available for recycling in 2019-2030. This report will also provide a detailed analysis of China's copper demand and future refined copper supply structure. The conclusions have important reference value for the future development and decision-making of companies relevant to copper business, including not only copper mining, smelting companies, traders, scrap recycling enterprises, copper scrap pretreatment production technology and equipment vendors.

## Charts / Tables

Table 1 National standard copper scrap classification
Table 2 Comparison of Custom copper scrap classification with US ISRI classification
Table 3 Release time and main contents of China's copper scrap related policies
Table 4 Basic composition of copper industry chain
Table 5 China's refined copper consumption in 1978-2018
Table 6 China's refined copper consumption structure
Table 7 Comparison of China's GDP and refined copper consumption growth
Table 8 China copper consumption by copper end use products
Table 9 China's copper end use product life cycle
Table 10 China's copper- end use product recycling forecast
Table 11 China copper scrap recycling in 2006-2018
Table 12 China copper scrap recycling forecast in 2019-2030
Table 13 China's copper scrap utilization in 2006-2018
Table 14 China's copper scrap utilization forecast in 2019-2030
Table 15 China's imports of copper scrap and main sources in 2006-2018
Table 16 China's copper scrap imports by regions in 2006-2018
Table 17 China's copper scrap imports forecast in 2019-2030
Table 18 Summary of related policies on recycled metals in major Southeast Asian countries
Table 19 China's copper scrap supply in 2006-2018 (import+domestic recycling)
Table 20 China's copper raw material structure in 2006-2018
Table 21 China's copper raw material structure forecast in 2019-2030
Table 22 Price spread between copper scrap and refined copper
Table 23 Typical foreign recycling copper enterprises
Table 24 Domestic major copper scrap recycling companies (location, type, scale, capacity, financial indicators, number of employees, etc.)
Table 25 Domestic major copper scrap utilization companies (location, type, scale, capacity, financial indicators, number of employees, etc.)

For more charts/tables, please subscribe to the report.

## 1. Definition & classification of Chinese copper scrap

- 1.1. National standards and classification
- 1.2. Industry common definition and classification (new scrap, old scrap)
- 1.3. Customs classification (6# scrap, 7# scrap)

## 2. China's copper scrap policy analysis

- 2.1 Industry policy
- 2.2 Environmental policy
- 2.3 Trade policy
- 2.4 Future policy trends

## 3. China's copper consumption & national economic development

- 3.1 China's refined copper consumption & consumption structure by industry, 1978-2018
- 3.2 Analysis on the correlation between Chinese copper consumption and national economy
- 3.3 China's refined copper consumption forecast & consumption structure by industry, 2019-2030

## 4. Refined copper usage & forecast by end use sector

- 4.1 Power industry (power generation equipment, transmission, power transformation, plumbing hardware, building decoration, etc.)
- 4.2 Real estate (community distribution, building wire, network cabling, switch socket, plumbing hardware, architectural decoration, etc.)
- 4.3 Transportation (traditional cars, new energy vehicles, railways, ships, etc.)
- 4.4 Communication (communication cables, communication equipment)
- 4.5 Household appliances (air conditioners, refrigerators, microwave ovens, water heaters, gas, etc.)
- 4.6 Industrial equipment (distribution equipment, power cables, motors, pipe valves, etc.)
- 4.7 Electronics industry (industrial and commercial electronic equipment, PC, handheld electronic equipment, etc.)
- 4.8 Mechanical equipment/instruments (harness, bushings and bearings, other mechanical parts, etc.)
- 4.9 Others (clothing, coinage, military, etc.)

## 5. Life cycle research and recycling quantity of China's copper end use products

Analyze the service life of major copper end use products, and establish a prediction model to analyze the amount of copper scrap produced after the ending of its life cycle, and predict the amount of domestic copper scrap recycling in 2019-2030.

- 5.1 Power industry (power generation equipment, transmission, power transformation, plumbing hardware, building decoration, etc.)
- 5.2 Real estate (community distribution, building wire, network cabling, switch socket, plumbing hardware, architectural decoration, etc.)
- 5.3 Transportation (traditional cars, new energy vehicles, railways, ships, etc.)
- 5.4 Communication (communication cables, communication equipment)
- 5.5 Household appliances (air conditioners, refrigerators, microwave ovens, water heaters, gas, etc.)
- 5.6 Industrial equipment (distribution equipment, power cables, motors, pipe valves, etc.)
- 5.7 Electronics industry (industrial and commercial electronic equipment, PC, handheld electronic equipment, etc.)
- 5.8 Mechanical equipment/instruments (harness, bushings and bearings, other mechanical parts, etc.)
- 5.9 Others (clothing, coinage, military, etc.)

## 6. Analysis & forecast for China copper scrap recycling (2006-2030)

- 6.1 Analysis & forecast of China's copper scrap recycling
  - 6.1.1 China's copper scrap recycling in 2006-2018
  - 6.1.2 Forecast for China's copper scrap recycling in 2019-2030
  - 6.1.3 China's copper scrap utilization in 2006-2018
  - 6.1.4 Forecast for China's copper scrap utilization in 2019-2030
- 6.2 Total amount and forecast for imported copper scrap
  - 6.2.1 Main sources and total amount of imported copper scrap in 2006-2018
  - 6.2.2 Forecast for China's imported copper scrap in 2019-2030

## 7. Analysis and forecast for China's copper scrap supply structure

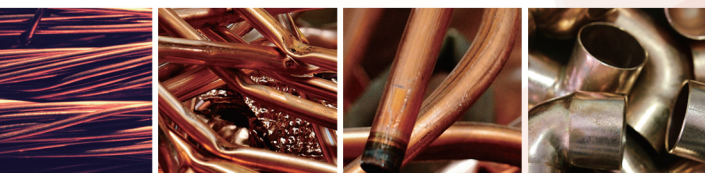
- 7.1 Analysis of the total supply of copper raw materials in China
- 7.2 Status of China's copper raw material structure (2006-2018)
- 7.3 China's copper raw material structure prediction (2019-2030)

## 8. China copper scrap pricing model

- 8.1 Copper scrap pricing model by types
- 8.2 Changes in the price spread between copper scrap and refined copper (2011-2018)

## 9. China's major copper scrap recycling and utilization enterprises

- 9.1 Main copper scrap recycling enterprises
- 9.2 Main copper scrap utilization enterprises





## Order Form

- ☐ US\$16,000/copy for subscriber on or before June 30, 2019
- ☐ US\$20,000/copy for subscriber after July 1, 2019

*Note:*

*For this subscription, only PDF file is provided. The full version is delivered on October 31, 2019.*

**Subscriber Details:**

Full Name		Position	
Country			
Company			
Address			
Tel.			
Fax			
E-mail			
Total Cost			

**Payment through bank: the way to remit by using US Dollar**

Remit proceeds to	Bank of America, N.A. New York Branch CHIPS ABA NO: CP0959 FEDWIRE NO: FW026009593 SWIFT ADDRESS: BOFAUS3N
For credit to	CHINA CONSTRUCTION BANK BEIJING BR.JINANSUBBR. SWIFT CODE: PCBCCNBJBJX
For further credit to beneficiary	Account Number: 1101 4310 1002 2000 1466 Beijing Antaiko Information Co., Ltd Room201, 12B Fuxing Road, Haidian District, Beijing
Note:	<b>(Only TT is accepted, TT amount should include US\$15 Bank Charges)</b>

- ☐ **Please invoice me.**

*Statement:*

*Copy right reserved. No part of Antaiko information may be reproduced or transmitted in any form or by any means electronic or mechanical, including photocopy, recording, or any information storage and retrieval system, without permission in writing from Beijing Antaiko Information Co., Ltd.*

**If you have any requests, please contact us without hesitation.**

**Copper Department:**

*Tel: 0086-10-63960784; 0086-10-63978092-8359*

*Fax: 0086-10-63971647*

*Email: copper@antaiko.com*

**Antaiko also provides customized studies of Chinese copper market on your requests!**