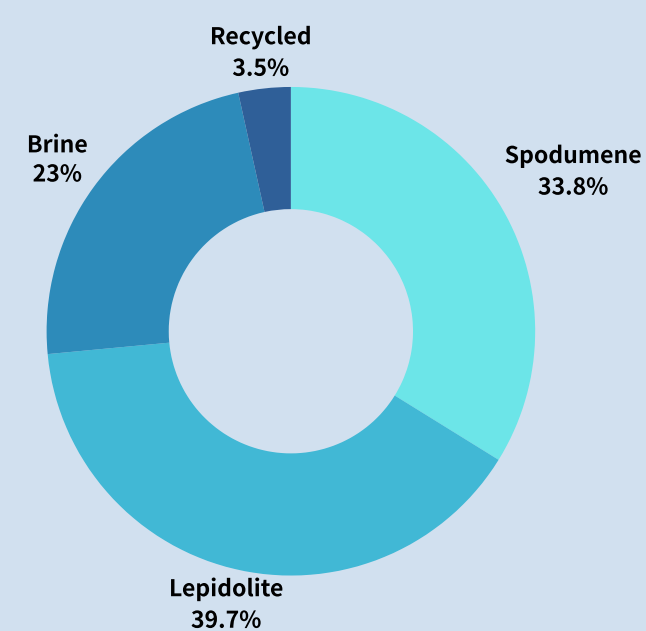


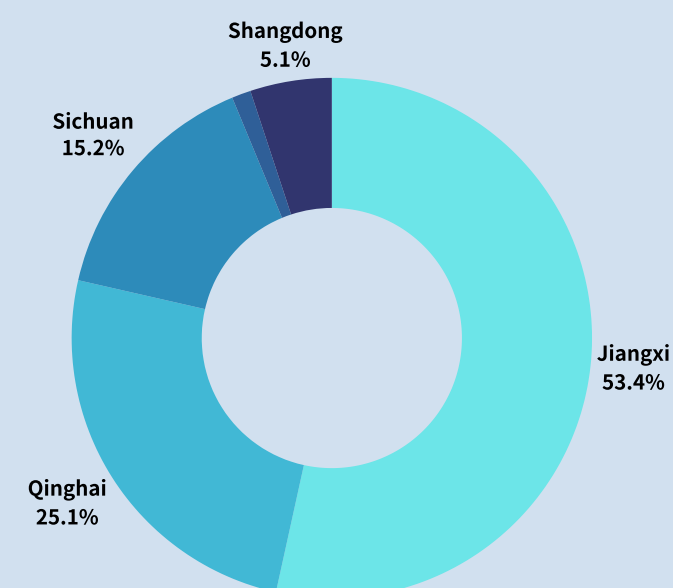
# China Lithium Carbonate November 2023

Province	Company	Capacity MT	November 2023 production Status
Sichuan	Yahua Lithium Technology Co., Ltd.	6,000	Shutdown
Sichuan	Zigong Tongfa Rongxin Materails Co., Ltd.	1,200	Reduced Output
Shangdong	Wudi Golden Bay Lithium	12,000	Shutdown
Qinghai	Minmetal Salt Lake Co., Ltd	10,000	Reduced Output
Qinghai	Qinghai Salt Lake Lanke Lithium	30,000	Reduced Output
Qinghai	Qinghai CITIC Guoan Science and Technology Development Co., Ltd	30,000	Reduced Output
Qinghai	Qinghai Lithium Co., Ltd.	10,000	Reduced Output
Qinghai	Qinghai HXR (Hengxinrong) Lithium Tech Co., Ltd.	20,000	Reduced Output
Qinghai	Zangge Holdings (Golmud Zangge Lithium) Co., Ltd	10,000	Reduced Output
Qinghai	Qinghai Chaidamu Xinghua Lithium Co., Ltd	10,000	Reduced Output
Qinghai	Qinghai Jintai Lithium Industry Co.	10,000	Reduced Output
Qinghai	Qinghai Dongtai Jinaier Salt Lake Lithium Resources Ltd.	10,000	Reduced Output
Jiangxi	Yichun Yinli New Energy Co., Ltd	40,000	Reduced Output
Jiangxi	Jiujiang Ronghui Lithium Industry Technology Co., Ltd.	8,000	Reduced Output
Jiangxi	Jiangxi Maitte Recycling Technology Co., Ltd	1,500	Shutdown
Gansu	Baiyin Zabuye Lithium Industry Co., Ltd.	6,000	Shutdown

## Production by feedstock



## Production by province

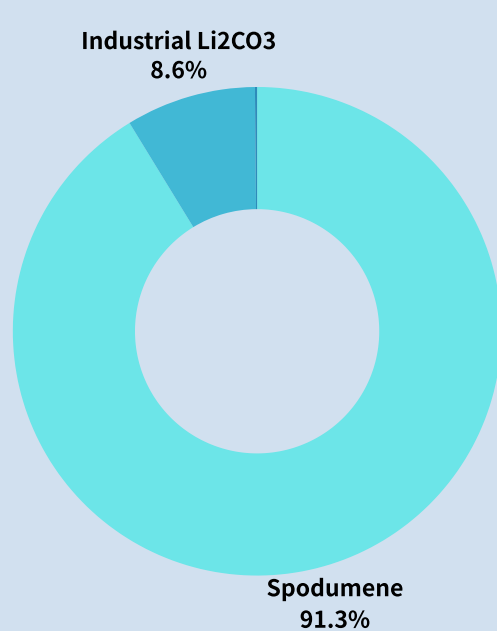


- In November 2023, China domestic production of lithium carbonate was ~**38,700 tons**, with aggregated production of the year of ~**381,935 tons** and operating rate of ~60%.
- Due to the continuous decline in prices, companies with external feedstock are facing increased cost pressures. As a result, the proportion of **contract manufacturing** by these lithium converters has increased, including in major production areas such as Jiangxi and Sichuan.
- In Qinghai Province, production has declined due to **seasonal factors**. However, as technology improves, the impact of seasonal shutdowns on production will be reduced.

# China Lithium Hydroxide November 2023

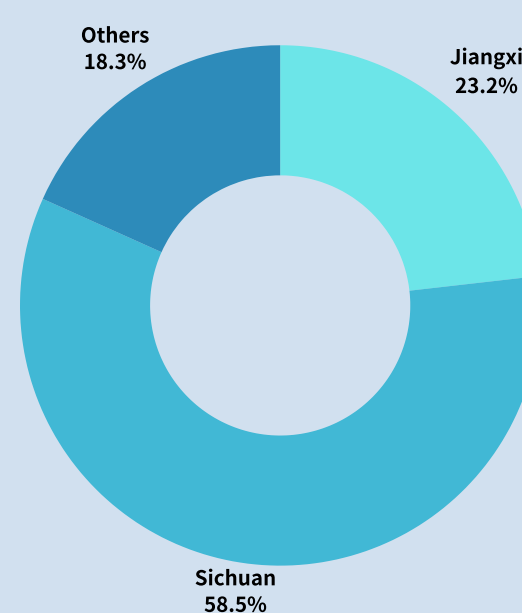
Province	Company	Capacity MT	November production Status
Jiangxi	Kunzhiyuan Lithium Co., Ltd.	20,000	Shutdown
Jiangxi	Zigong Tongfa Rongxin Materails Co., Ltd.	5,000	Shutdown
Anhui	Huabai Lithium Co., Ltd	10,000	Reduced Output
Shangdong	Ruifu Lithium Co., Ltd	15,000	Reduced Output
Hunan	Rongshan Lithium Co., Ltd	10,000	Reduced Output
Jiangxi	Yunwei Lithium Co., Ltd	10,000	Reduced Output
Hebei	Jicheng Lithium Co., Ltd	10,000	Reduced Output
Hebei	Tangshan Xinfeng Lithium Co., Ltd	10,000	Reduced Output

## Production by feedstock



Note: production includes 30t from recycled feedstock

## Production by province



- In November 2023, China domestic production of lithium hydroxide was **~21,100 tons**, with aggregated production of the year of **~224,505 tons** and operating rate of **~44%**.
- The price of raw material industrial carbon has repeatedly hit new lows, but due to weak downstream demand, the production sentiment among lithium hydroxide manufacturers is not high, leading to a **lukewarm market response**.
- The inventory level of lithium hydroxide is good, so manufacturers generally produce according to market conditions. However, there are also companies that indicate a **focus on executing long-term orders**, resulting in a tight supply of spot goods.