

Capacity Layout of Mainstream Enterprises in China

The average production capacity is approximately 173.62 thousand units. The middle value of the capacities is 150 thousand units, indicating that half of the capacities are below this value and half are above.

No.	Manufacturer	Factory Name	Province	Capacity (thousand units)
1	Aiways	Changzhou Factory	Jiangsu	150
2	BAIC	Guangzhou Huadu Factory	Guangdong	150
3	BAIC	Beijing Shunyi Factory	Beijing	20
4	BAIC	Zhangjiakou Factory	Hebei	100
5	BAIC BJEV	Huanghua Factory	Hebei	200
6	BAIC New Energy	Qingdao Factory	Shandong	200
7	Baidu Motors	Shanghai Factory	Shanghai	200
8	Baojun	Liuzhou Factory	Guangxi	300
9	Beijing Benz	Beijing Factory	Beijing	200
10	Beijing Hyundai	Shunyi Factory	Beijing	300
11	Beijing Hyundai	Cangzhou Factory	Hebei	450
12	Beijing Jeep	Beijing Factory	Beijing	150
13	Beijing New Energy	Qingdao Factory	Shandong	400
14	Beijing New Energy	Changzhou Factory	Jiangsu	300
15	Brilliance	Shenyang Factory	Liaoning	100
16	BYD Auto	Xi'an Factory	Shaanxi	30
17	BYD Auto	Shenzhen Factory	Guangdong	40
18	BYD Auto	Shenzhen Factory	Guangdong	150
19	BYD Auto	Xi'an High-Tech First Factory	Shaanxi	200
20	BYD Auto	Xi'an High-Tech Second Factory	Shaanxi	300
21	BYD Auto	Changzhou Factory	Jiangsu	400
22	BYD Auto	Fuzhou Factory	Jiangxi	300
23	BYD Auto	Xi'an Factory	Shaanxi	400
24	Changan Auto	Beijing Factory	Beijing	22
25	Changan Auto	Chongqing Factory	Chongqing	80
26	Changan Auto	Nanjing Factory	Jiangsu	20
27	Changan Auto	Harbin Factory	Heilongjiang	20
28	Changan Auto	Hefei Factory	Anhui	50
29	Changan Auto	Hebei Factory	Hebei	30
30	Changan Automobile	Nanjing Factory	Jiangsu	200
31	Changan Mazda	Nanjing Factory	Jiangsu	20
32	Changjiang EV	Hangzhou Factory	Zhejiang	300
33	Chery Auto	Wuhu Factory	Anhui	40
34	Chery Auto	Dalian Factory	Liaoning	30
35	Chery Auto	Wuhu Factory	Anhui	300
36	Chery Auto	Wuhu Factory	Anhui	500
37	Chery Auto	Kaifeng Factory	Henan	100-120
38	Chery Auto	Qingdao Factory	Shandong	200
39	Chery Auto	Hefei Factory	Anhui	100
40	Chery Auto	Wuhu Factory	Anhui	300-400
41	Chery Jaguar Land Rover	Changshu Factory	Jiangsu	200
42	Chery New Energy	Jinan Factory	Shandong	100

No.	Manufacturer	Factory Name	Province	Capacity (thousand units)
43	Chery New Energy	Shijiazhuang Factory	Hebei	50
44	Dongfeng Motor	Wuhan Factory	Hubei	50
45	Dongfeng Motor	Guangzhou Factory	Guangdong	30
46	Dongfeng Motor	Hefei Factory	Anhui	125
47	Dongfeng Motor	Fuzhou Factory	Fujian	200
48	Dongfeng Motor	Wuhan Factory	Hubei	300
49	Dongfeng Xiaokang	Chongqing Jingkou Factory	Chongqing	150
50	Dongfeng Xiaokang	Chongqing Qingfeng Factory	Chongqing	150
51	Dongfeng Xiaokang	Shiyan Bailang Factory	Hubei	100
52	Dongfeng Xiaokang	Shiyan Konggang Factory	Hubei	500
53	FAW Group	Changchun Factory	Jilin	55
54	FAW Group	Tianjin Factory	Tianjin	30
55	FAW Group	Sichuan Factory	Sichuan	20
56	FAW Group	Foshan Factory	Guangdong	30
57	Foton Motor	Beijing Factory	Beijing	50
58	Foton Motor	Changsha Factory	Hunan	30
59	Foton Motor	Qingdao Factory	Shandong	20
60	GAC Aion	Panyu Intelligent Chemical Industrial Park	Guangdong	200
61	GAC Aion	Huangpu Factory	Guangdong	240
62	GAC Aion	Zengcheng Factory	Guangdong	200
63	GAC Fiat	Changsha Factory	Hunan	165
64	GAC Honda	Guangzhou Third Factory	Guangdong	240
65	GAC Honda	Development Zone Factory	Guangdong	50
66	GAC Mitsubishi	Changsha Factory	Hunan	200
67	GAC Motor	Guangzhou Factory	Guangdong	150
68	GAC Motor	Hangzhou Factory	Zhejiang	100
69	GAC Motor	Guangzhou Base First Production Line	Guangdong	370
70	GAC Motor	Guangzhou Base Second Production Line	Guangdong	650
71	GAC Motor	Urumqi Factory	Xinjiang	100
72	GAC Motor	Yichang Factory	Hubei	100
73	GAC Toyota	Guangzhou Nansha Factory First Production Line	Guangdong	200
74	GAC Toyota	Guangzhou Nansha Factory Second Production Line	Guangdong	200
75	GAC Toyota	Guangzhou Nansha Factory Third Production Line	Guangdong	200
76	GAC Toyota	Guangzhou Nansha Factory Fourth Production Line	Guangdong	200
77	GAC Toyota	New Energy Factory	Guangdong	400
78	Geely Auto	Hangzhou Bay DMA Factory	Zhejiang	150
79	Geely Auto	Huzhou Changxing Factory	Zhejiang	150
80	Geely Auto	Caozhuang Factory	Shandong	180
81	Geely Auto	Linhai Factory	Zhejiang	300
82	Geely Auto	Mianyang Factory	Sichuan	300
83	Geely Auto	Yuyao Factory	Zhejiang	250
84	Geely Auto	Wuhan Farsun Factory	Hubei	150

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The most frequently occurring capacity value is 200 thousand units. The capacities vary widely, with a standard deviation of 114.44 thousand units.

No.	Manufacturer	Factory Name	Province	Capacity (thousand units)
85	Geely Auto	Xiangtan Factory	Hunan	240
86	Geely Auto	Zhangjiakou Factory	Hebei	300
87	Geely Auto	Xi'an Base	Shaanxi	360
88	Geely Auto	Chongqing Base	Chongqing	50
89	Geely Auto	Chengdu Base	Sichuan	50
90	Geely Auto	Xiangtan Factory	Hunan	200
91	Great Wall Motors	Baoding Factory	Hebei	100
92	Great Wall Motors	Xushui Factory	Hebei	100
93	Great Wall Motors	Yongchuan Factory	Jiangsu	100
94	Great Wall Motors	Nanchang Factory	Jiangxi	150
95	Great Wall Motors	Tianjin Factory	Tianjin	45
96	Great Wall Motors	Chongqing Factory	Chongqing	150
97	Great Wall Motors	Zhangjiakou Factory	Hebei	170
98	Great Wall Motors	Rizhao Factory	Shandong	168
99	Great Wall Motors	Jiangmen Factory	Jiangsu	125
100	Great Wall Motors	Daqing Factory	Heilongjiang	150
101	Great Wall Motors	Taiyuan Factory	Shanxi	150
102	Great Wall Motors	Rugao Factory	Jiangsu	200
103	Great Wall Motors	Chongqing Factory	Chongqing	100
104	Great Wall Motors	Xushui Factory	Hebei	300
105	Guizhou Yunque	Anshun Factory	Guizhou	30
106	Guizhou Yunque	Yunque Anshun New Factory	Guizhou	80
107	Haima Motor	Haikou Factory	Hainan	200
108	Hezhong New Energy	Hangzhou Factory	Zhejiang	300
109	Hozon Auto	Yancheng Factory	Jiangsu	150
110	Hozon Auto	Yichun Factory	Jiangxi	150
111	Hozon Auto	Tongxiang Factory	Zhejiang	100
112	Hozon Auto	Yichun Factory	Jiangxi	200
113	Hozon Auto	Xiayang Factory	Shaanxi	200
114	Huachen Auto	Shenyang Factory	Liaoning	25
115	Huachen Auto	Dalian Factory	Liaoning	20
116	Huayuan New Energy	Chongqing Factory	Chongqing	300
117	Human Horizons	Jintan Factory	Jiangsu	150
118	JAC Motors	Hefei Factory	Anhui	50
119	Jianghuai Automobile (JAC)	Anqing Factory	Anhui	50
120	Jianghuai Automobile (JAC)	Hefei Factory	Anhui	150
121	Jianghuai Automobile (JAC)	Maanshan Factory	Anhui	150
122	Jiangling Motors	Nanchang JMC Factory	Jiangxi	150
123	Jiangling Motors	Kunming Factory	Yunnan	77
124	Jiangling Motors	Fuzhou Factory	Jiangxi	300
125	Jiangling Motors	Jiangxi Jiangling Factory	Jiangxi	100
126	Jiangling Motors	Baoding Factory	Shaanxi	200

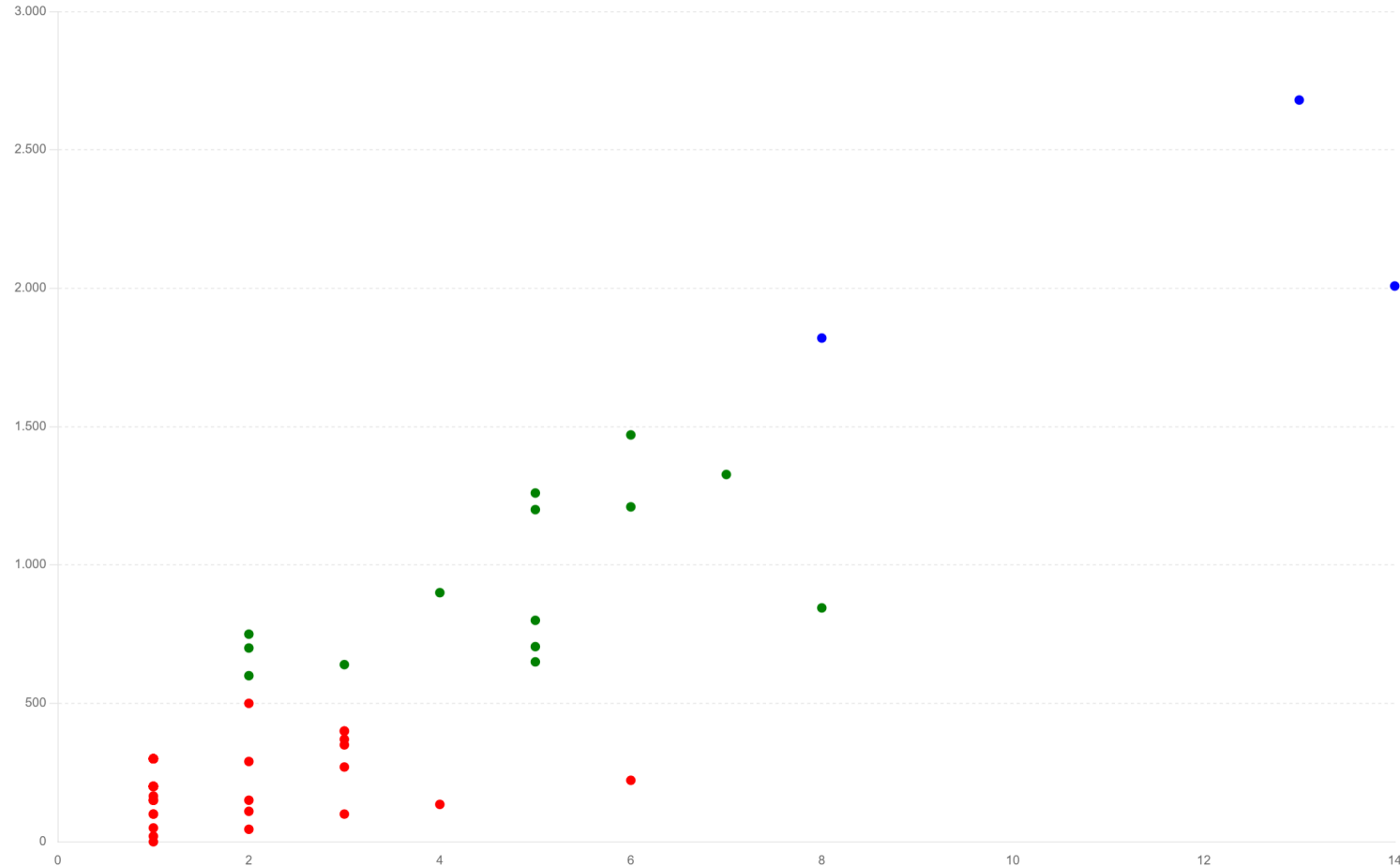
No.	Manufacturer	Factory Name	Province	Capacity (thousand units)
127	Jiangling Motors	Chengdu Factory	Sichuan	300
128	Jiangling Motors	Yancheng Factory	Jiangsu	200
129	Kaiyi Auto	Yibin Factory	Sichuan	150
130	Kia Motors	Yancheng Factory	Jiangsu	300
131	Landwind	Nanchang Factory	Jiangxi	300
132	Leapmotor	Jinhua Factory	Zhejiang	200
133	Leapmotor	Hainan Factory	Hainan	100
134	Leapmotor	Changsha Factory	Hunan	210
135	Leapmotor	Shenzhen Factory	Guangdong	200
136	Leapmotor	Jinhua Factory	Zhejiang	300
137	Leapmotor	Hangzhou Dajidong Base	Zhejiang	200
138	Li Auto	Changzhou Factory	Jiangsu	200
139	Luxgen Motors	Changsha Factory	Hunan	300
140	Lynk & Co	Taizhou Factory	Zhejiang	200
141	NIO	Changshu Factory	Jiangsu	200
142	NIO	Xiangyang Factory	Hubei	50
143	NIO	Hefei Factory	Anhui	150
144	Ora	Chongqing Factory	Chongqing	100
145	Polestar	Chengdu Factory	Sichuan	300
146	SAIC Motor Corporation	Shanghai Factory	Shanghai	407
147	SAIC Motor Corporation	Nanjing Pukou Factory	Jiangsu	120
148	SAIC Motor Corporation	Liuzhou Factory	Guangxi	100
149	SAIC Motor Corporation	Wuhan Factory	Hubei	60
150	SAIC Motor Corporation	Pudong Lingang Factory	Shanghai	55
151	SAIC Motor Corporation	Shenyang Factory	Liaoning	25
152	SAIC Motor Corporation	Ningde Factory	Fujian	30
153	SAIC Motor Corporation	Yantai Factory	Shandong	48
154	Sokon New Energy	Liangjiang Intelligent Factory	Chongqing	50
155	Sokon New Energy	Dalian Factory	Liaoning	200
156	Sokon New Energy	Ordos Factory	Inner Mongolia	150
157	WEY	Chongqing Factory	Chongqing	300
158	WM Motor	Wenzhou Factory	Zhejiang	200
159	WM Motor	Wenzhou First Factory	Zhejiang	200
160	WM Motor	Wenzhou Second Factory	Zhejiang	300
161	Xiaomi Motors	Beijing Factory 1	Beijing	300
162	Xiaomi Motors	Beijing Factory 2	Beijing	300
163	Xiaopeng Motors	Guangzhou Intelligent Base	Guangdong	100
164	Xiaopeng Motors	Zhengzhou Haima Intelligent Factory	Henan	150
165	Xiaopeng Motors	Zhaoqing Factory	Guangdong	200
166	Xiaopeng Motors	Foshan Fudi Factory	Guangdong	50
167	Xiaopeng Motors	Wuhan Factory	Hubei	150
168	Yundu New Energy	Nanchang Factory	Jiangxi	300
169	Zotye Auto	Jinhua Factory	Zhejiang	200

Capacity Layout of Mainstream Enterprises in China

We can observe a strong positive correlation between the number of factories and total production capacity.

Cluster Analysis Of Manufacturers Based On Production Capacities And Number Of Factories

Total Capacity (thousand units) von Number of Factories für Cluster 1, Cluster 2, und Cluster 3



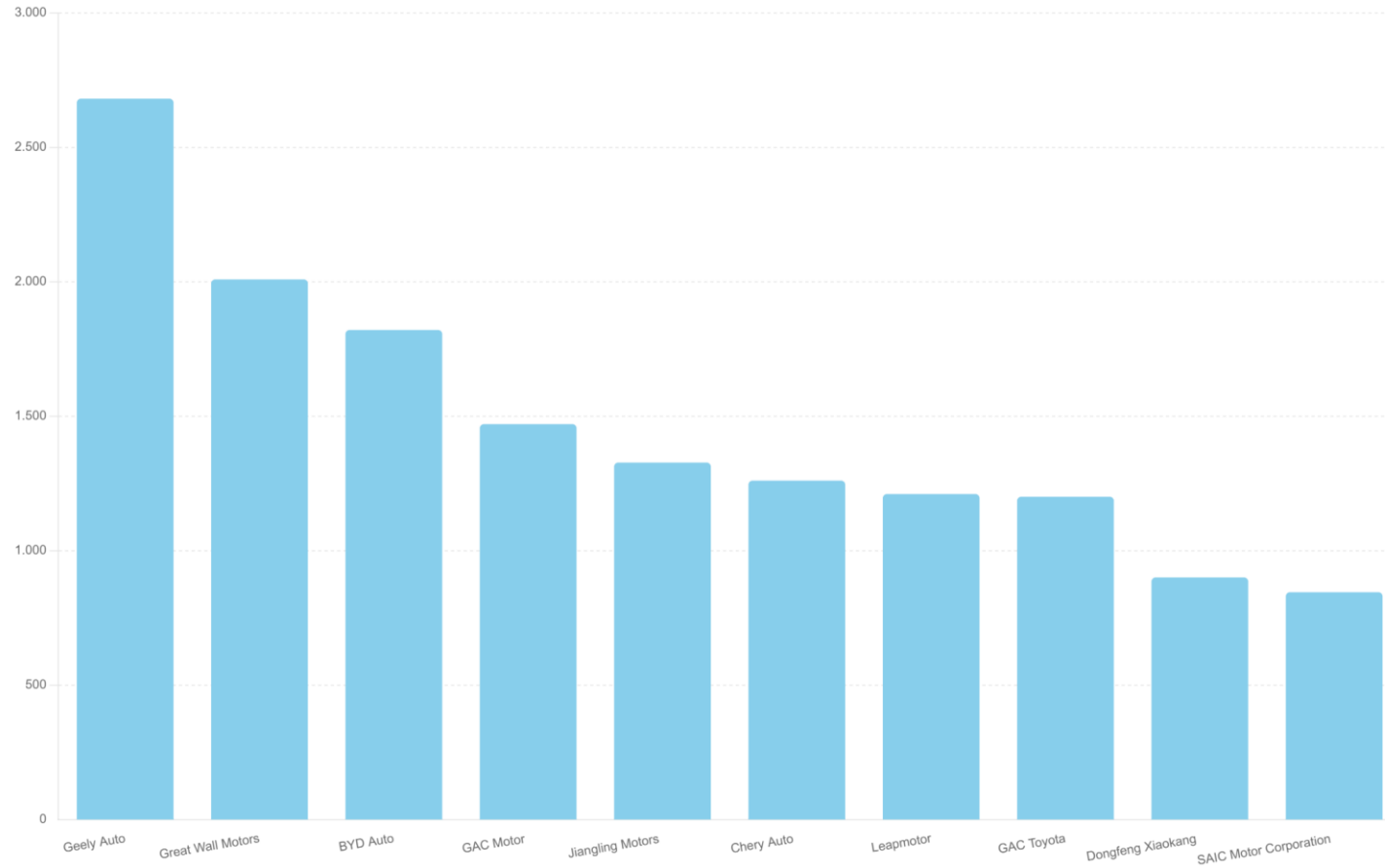
- The scatter plot demonstrates a strong positive correlation (correlation coefficient: 0.89) between the number of factories and the total production capacity.
- This indicates that manufacturers with more factories tend to have higher production capacities, highlighting the scalability of manufacturing operations.
- The graphic also illustrates the clustering of enterprises into three groups based on their production capacities and the number of factories.
- Cluster 1 (**red**) represents manufacturers with lower capacities and fewer factories, Cluster 2 (**green**) includes those with moderate capacities and factory counts, while Cluster 3 (**blue**)

Capacity Layout of Mainstream Enterprises in China

Top 10 manufacturers, with companies like Geely, GWM and BYD leading the pack, underscoring their significant contributions to China's production landscape."

Top 10 Manufacturers By Total Production Capacities

Total Capacity (thousand units) von Manufacturer

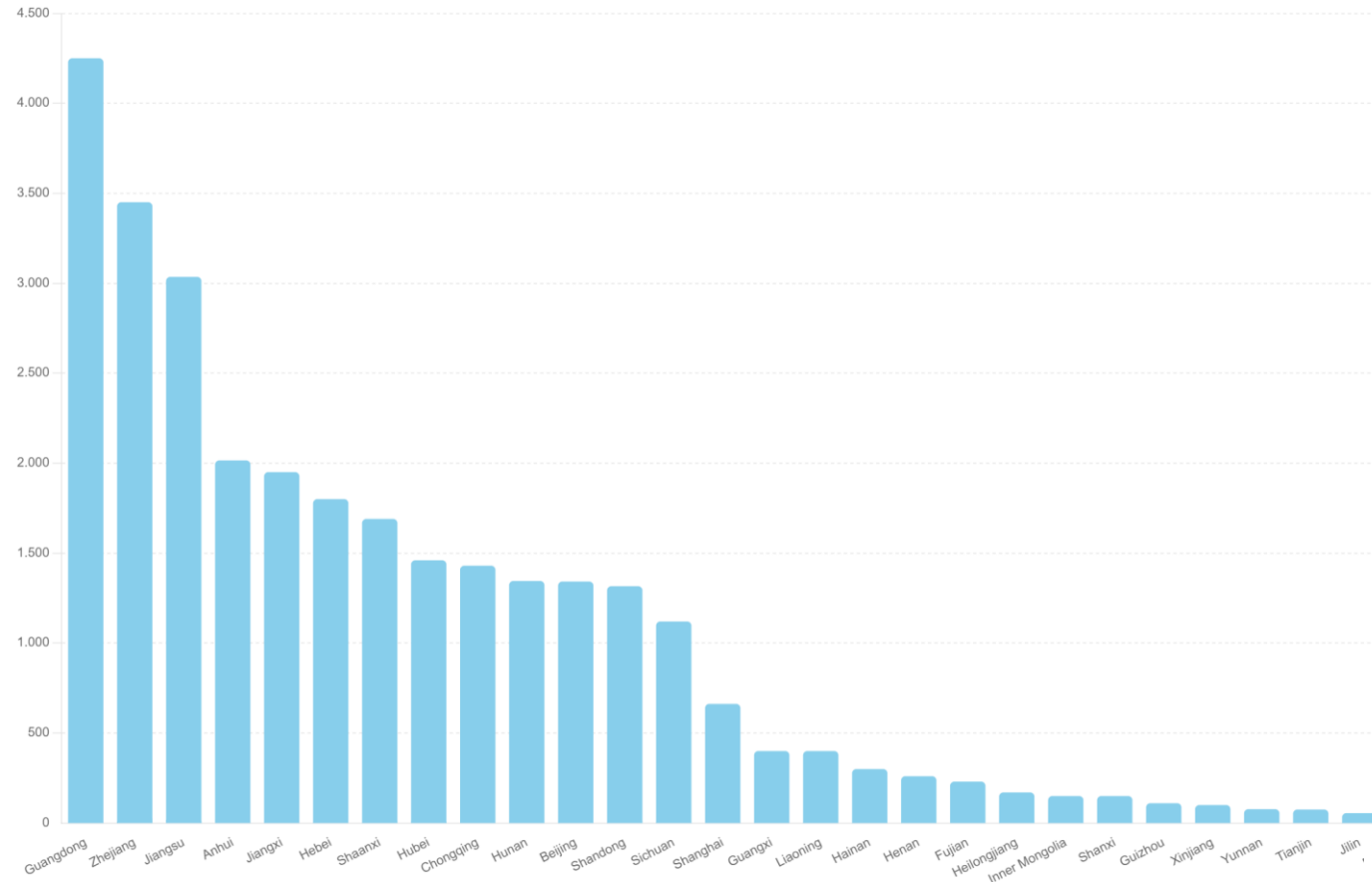


Capacity Layout of Mainstream Enterprises in China

Guangdong, Zhejiang, and Jiangsu, are the central hubs of manufacturing capacity in China, highlighting regional disparities in industrial concentration."

Total Production Capacities By Province

Total Capacity (thousand units) von Province

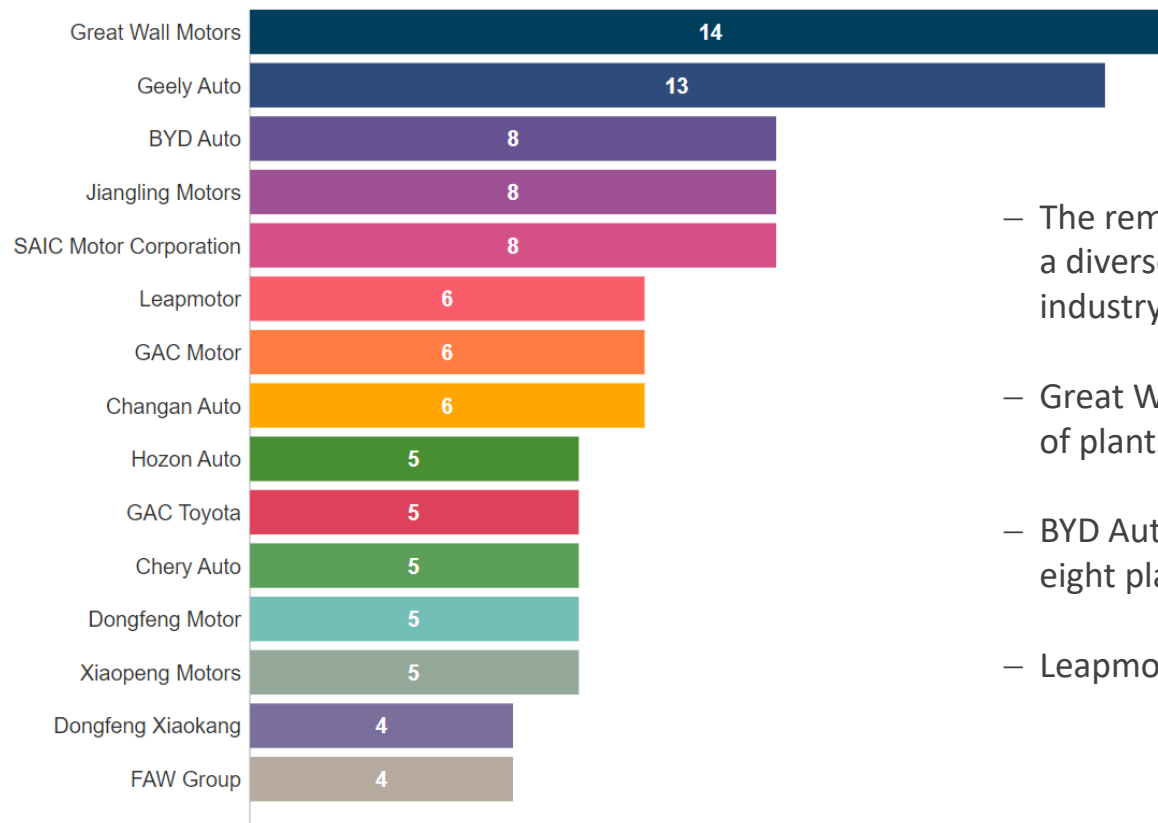


China 2023 Passenger Vehicles Plant Distribution split by OEM Brands

The top 15 OEMs in China operate 102 plants (60%) out of a total of 171 plants. This indicates a significant concentration of manufacturing capacity among these leading companies.

Top 15 Automotive Manufacturers by Plant Count - 2023

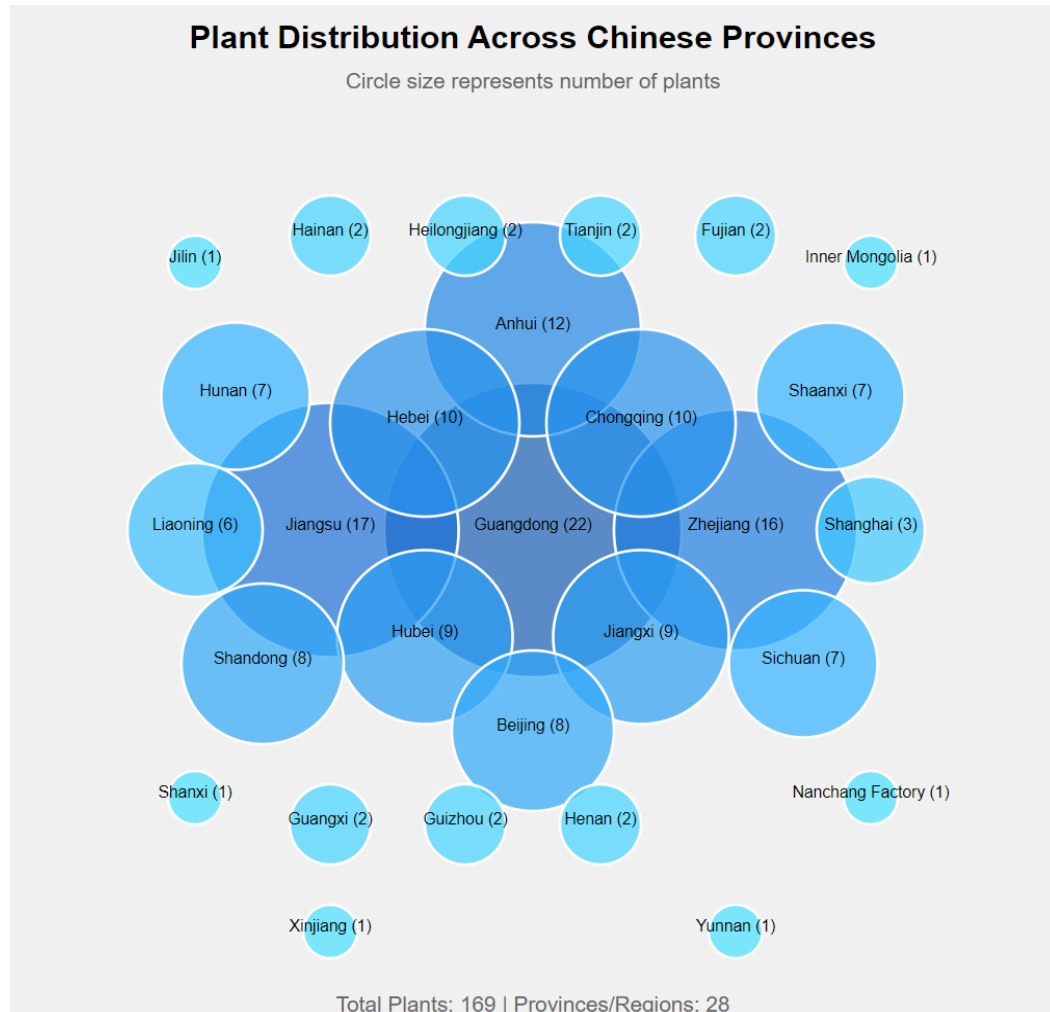
Global Production Capacity Analysis



- The remaining 69 plants are operated by 46 OEM brands, showcasing a diverse landscape of smaller manufacturers in China's automotive industry alongside the top 15 major players.
- Great Wall Motors and Geely Auto stand out with the highest number of plants, operating fourteen and thirteen plants respectively.
- BYD Auto, Jiangling Motors, and SAIC Motor Corporation each operate eight plants.
- Leapmotor, GAC Motor, and Changan Auto each manage six plants.

China 2023 Passenger Vehicles Plant Distribution split by Provinces

The top 3 provinces Guangdong, Jiangsu, and Zhejiang account for 32.5% of all plants.



Rank	Province	Plants	Percentage
1	Guangdong	22	13.0%
2	Jiangsu	17	10.1%
3	Zhejiang	16	9.5%
4	Anhui	12	7.1%
5	Hebei	10	5.9%
6	Chongqing	10	5.9%
7	Hubei	9	5.3%
8	Jiangxi	9	5.3%
9	Beijing	8	4.7%
10	Shandong	8	4.7%
11	Sichuan	7	4.1%
12	Hunan	7	4.1%
13	Shaanxi	7	4.1%
14	Liaoning	6	3.6%
15	Shanghai	3	1.8%
16	Hainan	2	1.2%
17	Heilongjiang	2	1.2%
18	Tianjin	2	1.2%
19	Fujian	2	1.2%
20	Guangxi	2	1.2%
21	Guizhou	2	1.2%
22	Henan	2	1.2%
23	Jilin	1	0.6%
24	Inner Mongolia	1	0.6%
25	Shanxi	1	0.6%
26	Xinjiang	1	0.6%
27	Yunnan	1	0.6%
28	Nanchang Factory	1	0.6%

- Eastern coastal provinces dominate the top of the list.
- Central provinces are well-represented in the middle.
- Western and northern provinces tend to have fewer plants.
- Major cities like Beijing (8 plants) and Shanghai (3 plants) are not on top the list.