

Note: Key data/information in this page is hidden, while that in the report is not.

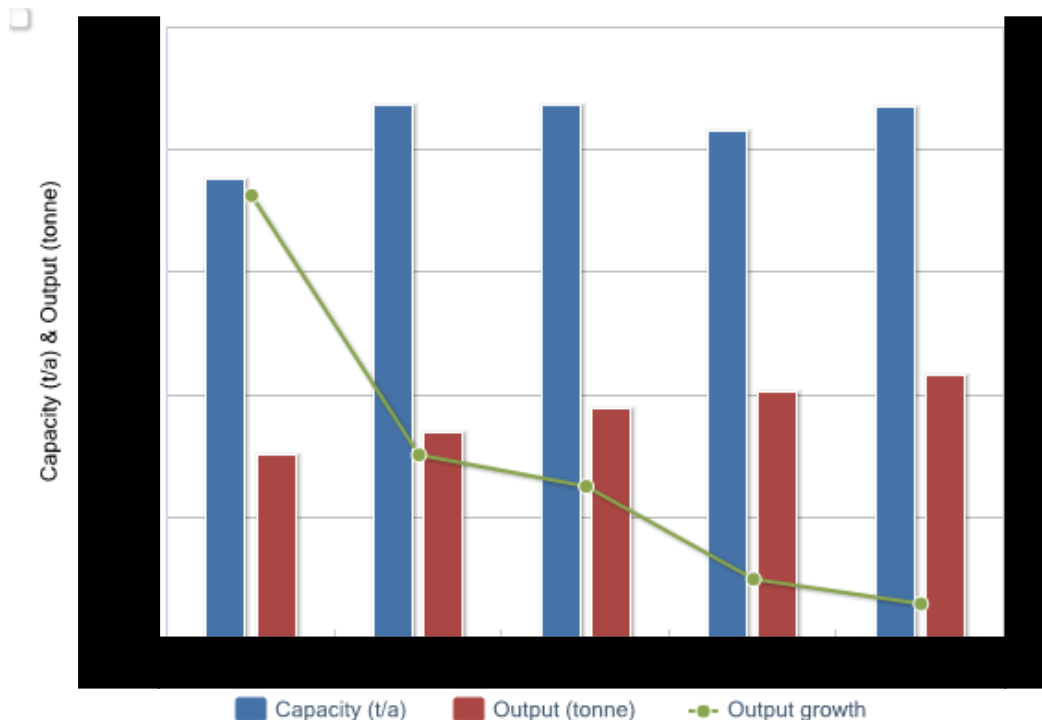
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1.2 Introduction of current PVP production

- Capacity and output

Along with growing public awareness of PVP, its application has been penetrated into more and more fields, such as daily chemicals, pharmaceuticals, office supplies and textile. After decades of development, especially the fast growing in the 21st century, China has become one of the world's major PVP producers with capacity and output respectively reaching xxx t/a and xxx tonnes in 2013, following the US and Germany.

Figure 1.2-1 Capacity and output of polyvinyl pyrrolidone in China, 2009-2013



Source: CCM

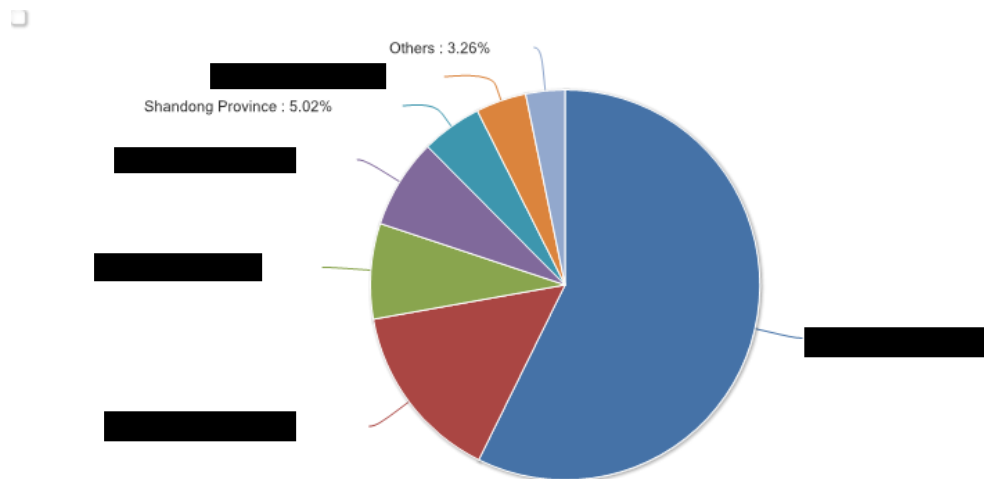
- Distribution

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xxx has been the largest producer of PVP both by capacity and output in China. In 2013, the capacity and output of PVP in the province was about xxx t/a and xxx tonnes, taking up xxx% and xxx% of the country's total respectively. Following xxx, xxx produced xxx tonnes of the PVP in 2013, with the capacity of xxx t/a.

Zhangzhou Huafu Chemical Industry Co., Ltd. located in Fujian Province is a relatively new player with a capacity of about xxx t/a.

Figure 1.2-4 Distribution of polyvinyl pyrrolidone production in China by output, 2013



Source: CCM

1.3 PVP producers in China

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Among the top ten active PVP producers in China, Zhangzhou Huafu is a newcomer compared with others. The company was established in Fujian Province in 2009 with a capacity of about xxx t/a and an output of xxx tonnes in 2013. In July 2014, the first stage of Boai NKY's PVP capacity expansion with a capacity of xxx t/a has been launched.

Table 1.3-2 Production concentration of PVP in China, 2012-2013

Producer	2013				2012			
	Capacity, t/a	Proportion, %	Output, tonne	Proportion, %	Capacity, t/a	Proportion, %	Output, tonne	Proportion, %
Top 2 by output	xxx	xxx	xxx	xxx	xxx	28.99	xxx	xxx
Top 5 by output	xxx	65.12	xxx	xxx	xxx	xxx	xxx	xxx

Source: CCM

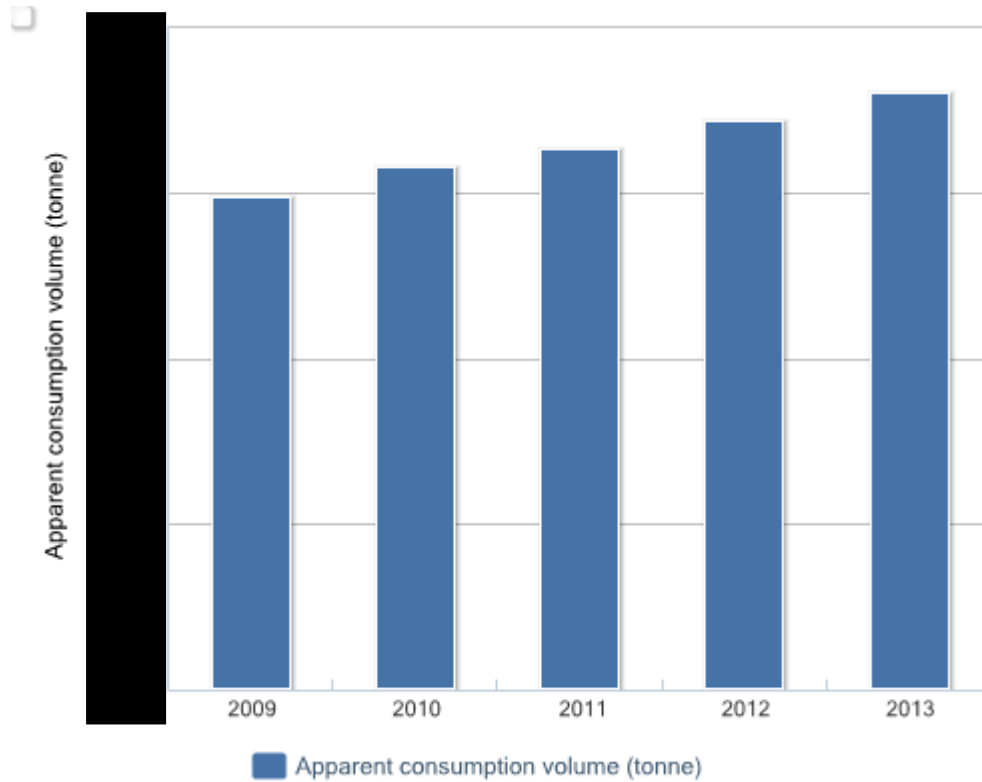
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3 Consumption of PVP

Driven by the fast development of downstream industries such as the daily chemical industry

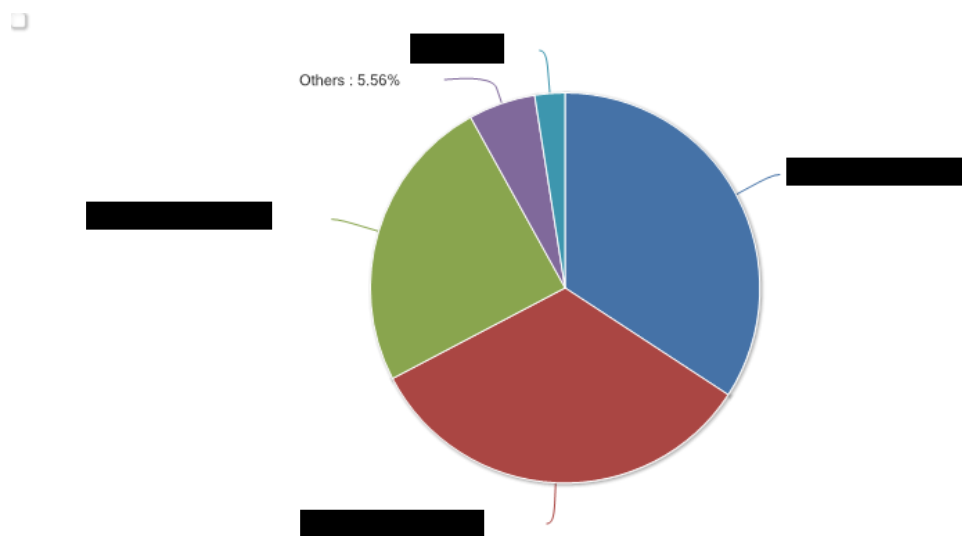
and the pharmaceutical industry in China, the PVP consumption has been growing rapidly at a CAGR of over xxx% in the country from 2009 to 2013. In 2013, the apparent consumption volume of PVP in China was about xxx tonnes, slightly more than the one in 2012.

Figure 3-1 Apparent consumption of polyvinyl pyrrolidone in China, 2009-2013



Source: CCM

Figure 3-2 Consumption structure of polyvinyl pyrrolidone in China by volume, 2013



Source: CCM