



International SPRING MAKERS CONFERENCE
Düsseldorf 2018

The Economic Situation Of The Spring Industry In China

China Spring Specialty Association

April 18, 2018



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CSSA Members (31 Dec 2017):

■ **Coil Springs and Miscellaneous Springs**

- **Registrant:** 206 Members
- **Employees:** 7867 people / 34 Members,
Total about: 20,000 ~22,000 people
- **Turnover:** RMB 6.281 bil. /34 Members;
Total: RMB 25 bil. or so
- **Main customers:** Automobile, High Speed Train &
City Metro Train, Engineering
Machinery, City Architecture,
Motorcycle, Electronic Products, and
etc. Industries.



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Un-CSSA Members:

- **Enterprises(main products/Springs):**

2000 ~ 3000

- **Leaf Springs (not CSSA members):**

Truck & Business Vehicles Industry

- **Gas Springs (not CSSA members):**

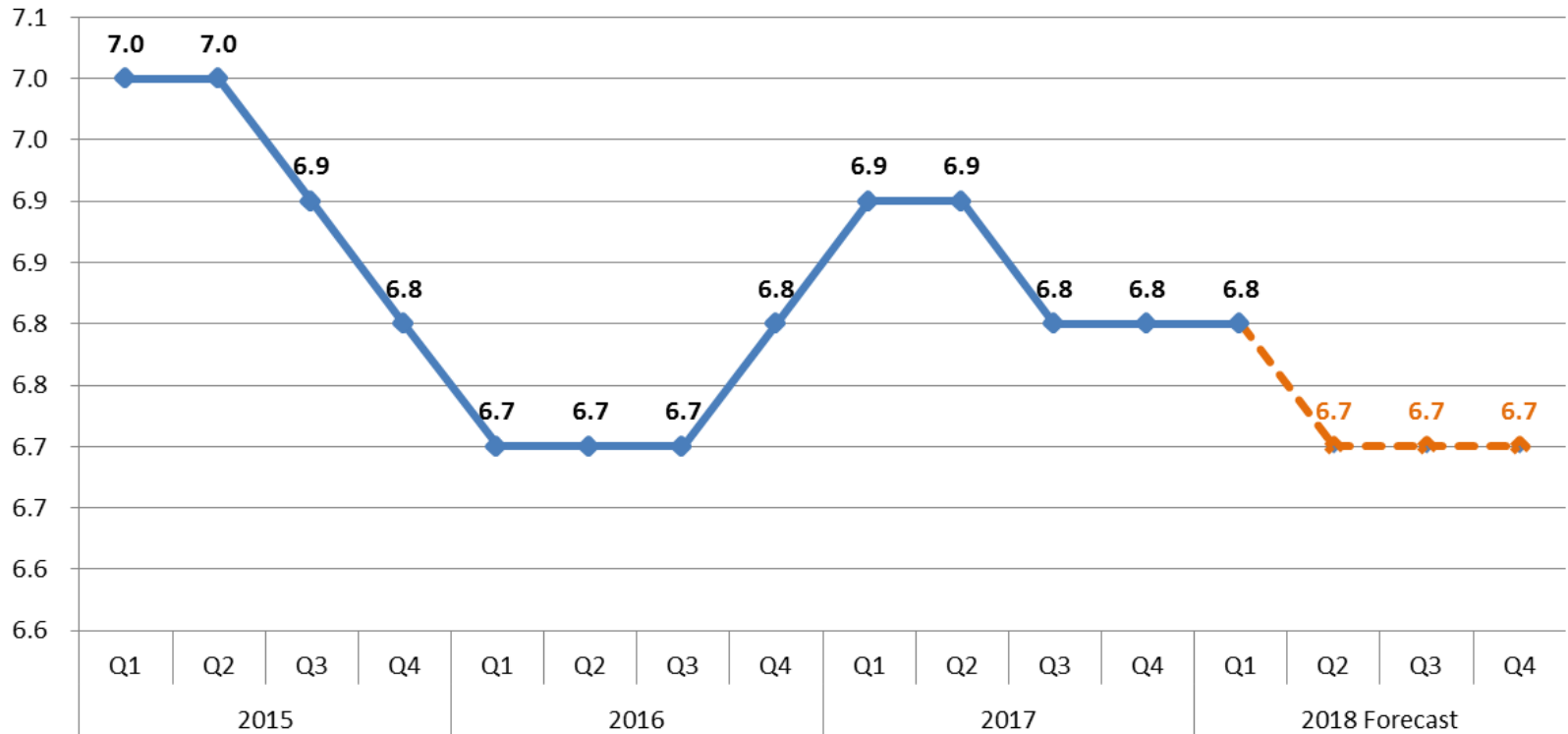
Gas Springs Standardization Committee



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Development of the national economic situation from 2015 ~2017 and forecasted this year

China GDP %





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Springs Import & Export Situation In China

China Springs Import & Export Situation in 2017

Name of Commodity	Import		Export	
Springs	Money (Mil US\$)	Year Rate	Money (Mil US\$)	Year Rate
	566.82	11.42%	366.41	12.15%

Detail List of The Import & Export Spring Commodities in 2017

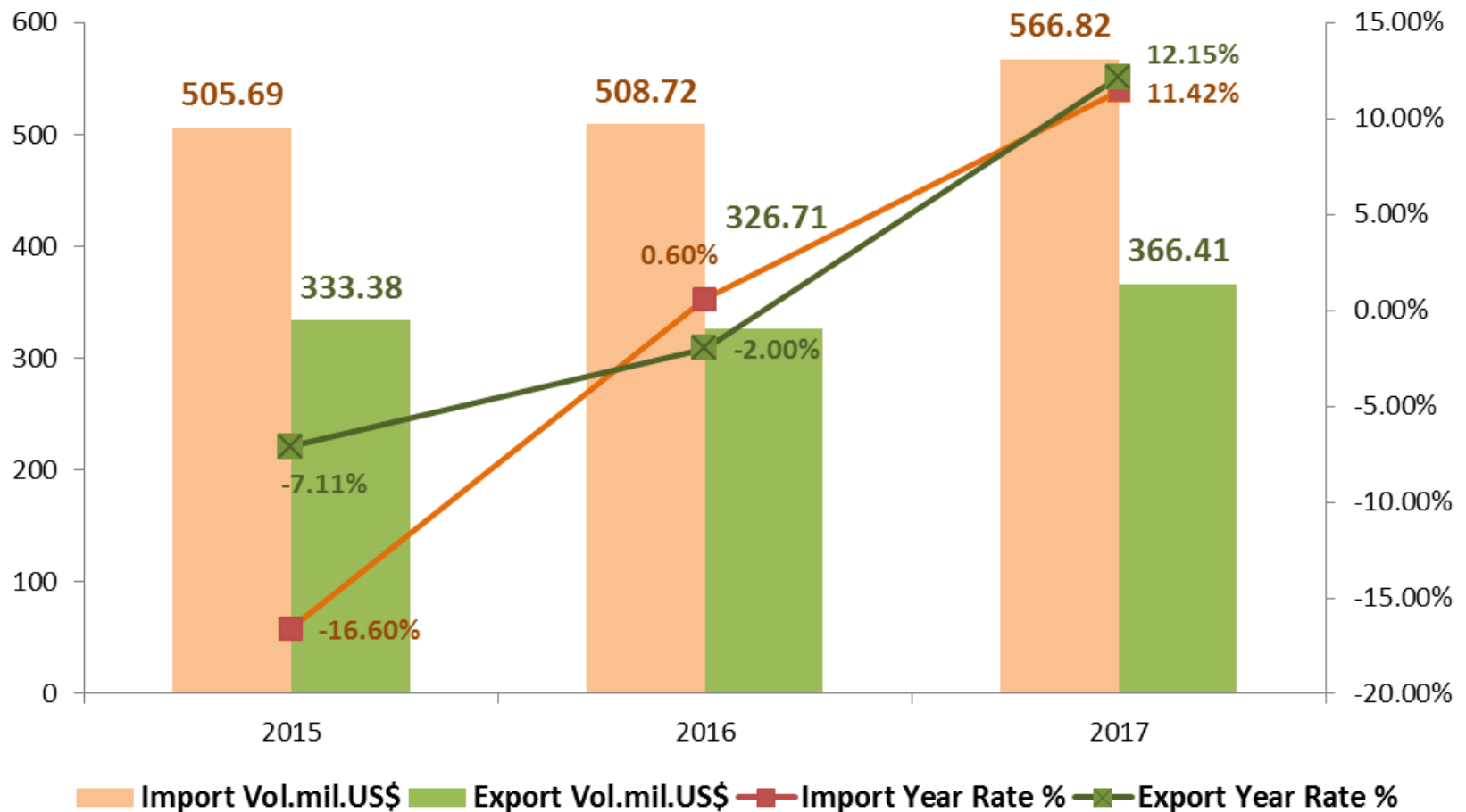
Commodity Code	Commodity Name	Import /Jan~Dec (Vol. Ton)	Import /Jan~Dec (Mil. US\$)	Export /Jan~Dec (Vol. Ton)	Export /Jan~Dec (Mil. US\$)
74199920	Copper Springs	177.00	63.77	110.58	16.40
73209090	Unnamed Material Springs	2,932.82	57.28	25,704.68	99.28
73209010	Special Material Springs for Railway Train	98.73	1.63	297.79	1.32
73202090	Special Steel Springs	28,519.35	348.36	70,753.90	218.03
73202010	Helical Springs for Railway Train	544.62	9.83	1,753.77	4.23
73201090	Special Material leaf Springs	2,515.71	84.66	8,458.25	27.00
73201010	Leaf Springs for Railway Train	34.03	1.28	51.59	0.16
Total:		34,822.25	566.82	107,130.55	366.41



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Spring Import & Export Situation In China

Springs Import & Export Volume & Growth Rate



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The initiative of “**The silk road economic Belt and the 21st-century maritime silk Road**”, (B & R) will increase the export & import volume during the following years.

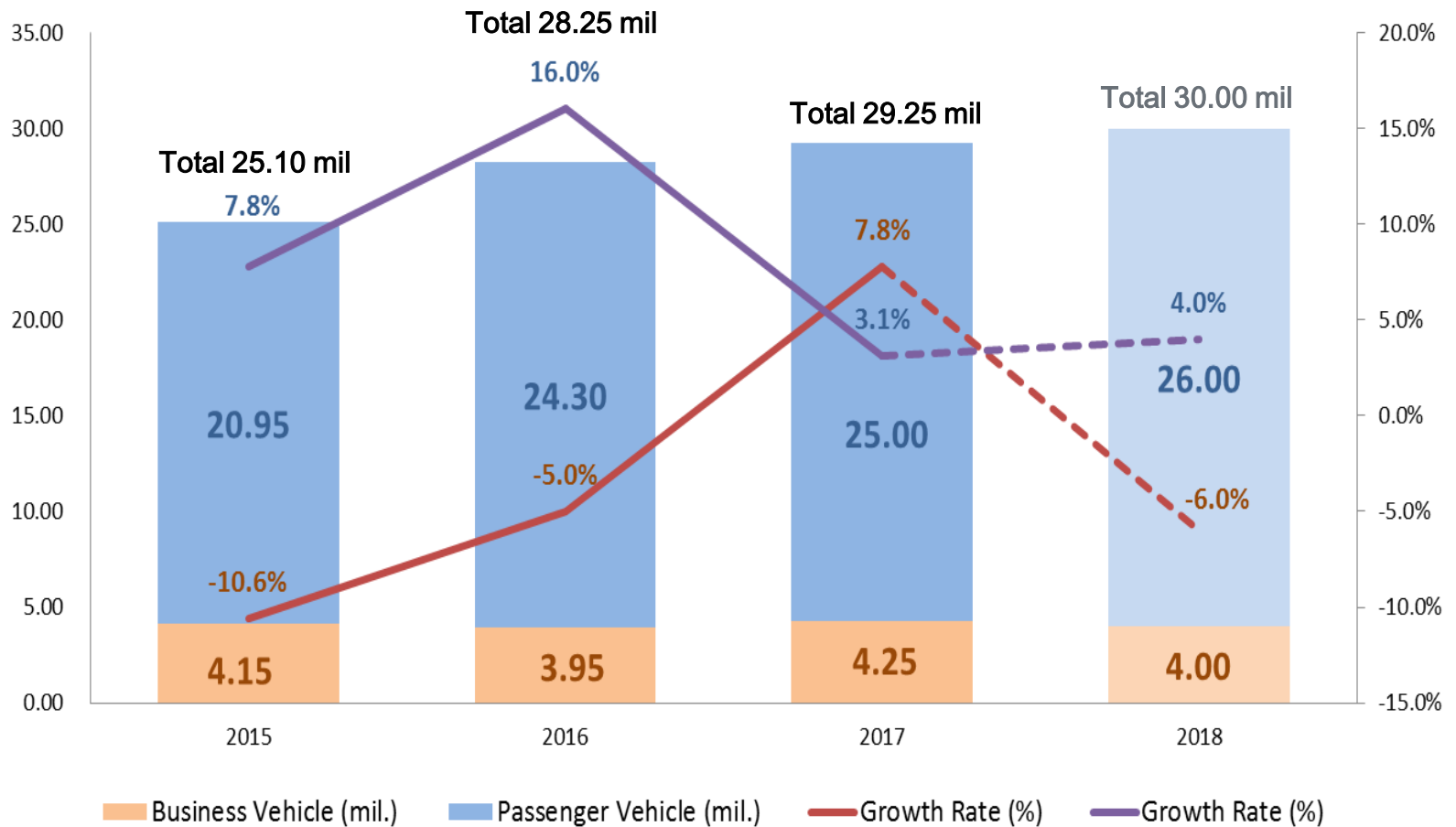


- Infrastructure investment
- 2nd industry investment
- Goods export & import



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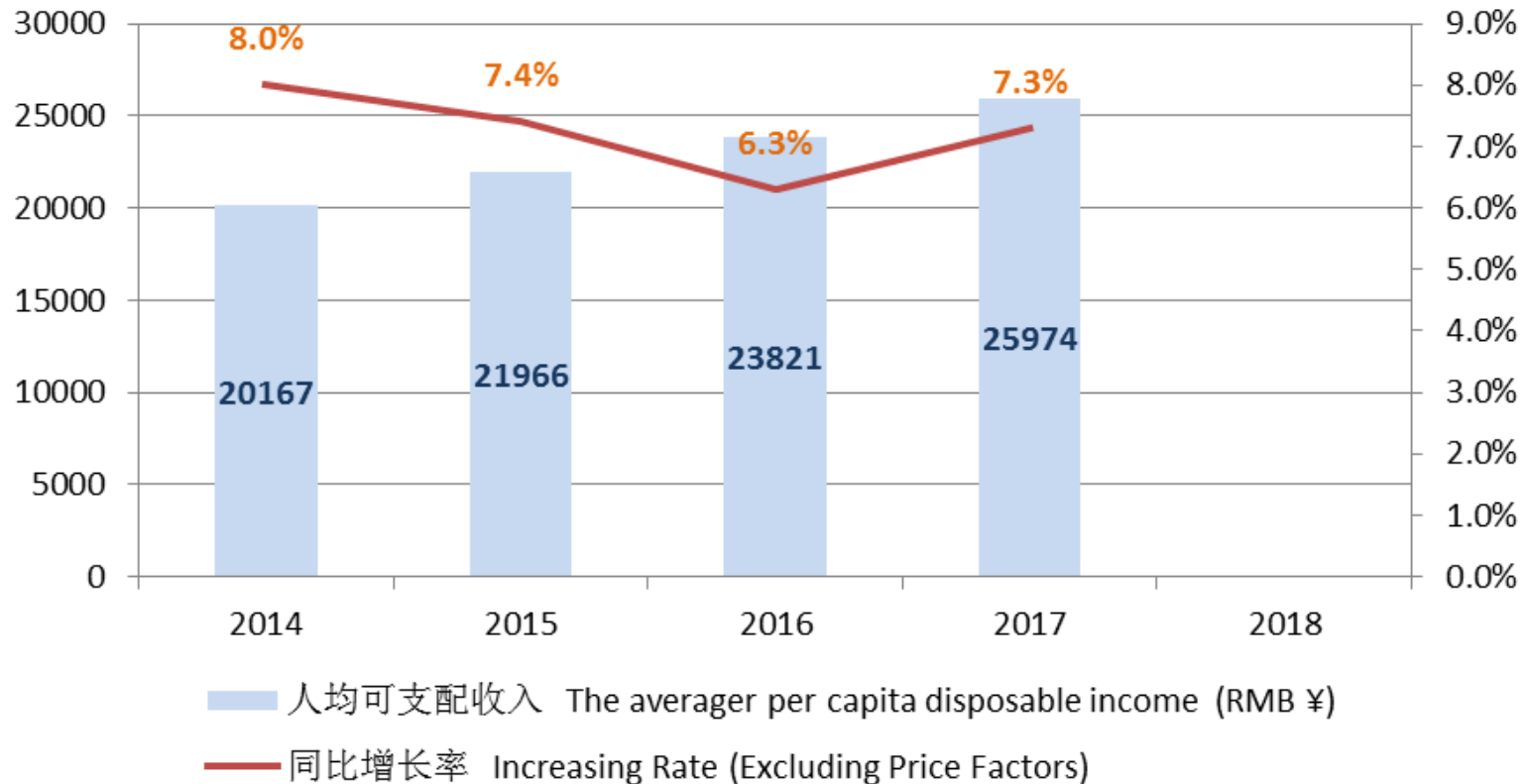
Automobile Industry Situation





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Labor Cost / Resident Income



- ❖ the main challenges for the near future in spring industry (some slides or sentences)

Recent Main-Challenges in China (1)

1. The possible Trade War between USA and China

The volume of China exporting USA is 18% total exports and 4.4% GDP in 2016, the possible trade war probably affect the whole economic situation in China. (**Sus. Springs of Automobile & Locomotive, Customs 25% increasing possibility in June**)

2. The rising price of Material (Spring Steel)

All the spring steel price were increased a lot in China during 2016 and Jan.-Sept. 2017.

For exsample, during 2016, and Jan.- Sept. 2017 Bao Steel increased 17.76% and 6.99% in price; Xingchen Special Steel increased 20.19% and 15.21% in Price as well.



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- ❖ the main challenges for the near future in spring industry (some slides or sentences)

Recent Main-Challenges in China (2)

3. The rising cost of labor

The average per capita disposable income is RMB 23821, net increased 6.3% (including price factors). The citizen is RMB 33616, net increased 5.6%; Farmer is RMB 12363, net increased 6.2% in 2016. The labor cost will be sequentially and quickly increased in 2017

- 4. New Energy Vehicle will be largely producted next year in China**
- 5. C/GFRP leaf springs & helical springs will be quickly developed in China**



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❖ latest news

- China Spring Specialty Association (CSSA) currently excludes Leaf Spring and Gas Spring Members. The leaf spring group will merge into CSSA step by step.

Leaf Spring Industry Information (1)

- Total Members: 300 or so Enterprises
- Main members:
 - Shandong Leopard Automotive Holdings Ltd.
 - Liaoning Fawer Spring Co. Ltd.
 - Dongfeng Motor Suspension Spring Co., Ltd.
 - Anqing Anhuang Auto Parts Co., Ltd.
 - Chongqing Hongqi Spring Co., Ltd.
 - and etc.



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- ❖ latest news (continuous)

•Leaf Spring Industry Information (2)

- Total Overturn: about 800 Kiloton in 2016; 1,200 Kiloton in 2017
- Employee: 5000~6000 people (In leaf spring named companies)
- Direct Export: about 5% total overturn
- Main Customers:
 - China FAW Group Corporation
 - Dongfeng Motor Co., Ltd.
 - China National Heavy Duty Truck (Group Corp.)
 - Shanxi Heavy Duty Automobile Co., Ltd.
 - Beiqi Foton Motor Co., Ltd.
 - Zhengzhou Yutong Bus Co., Ltd.
 - and etc.



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Thanks for your attention

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