

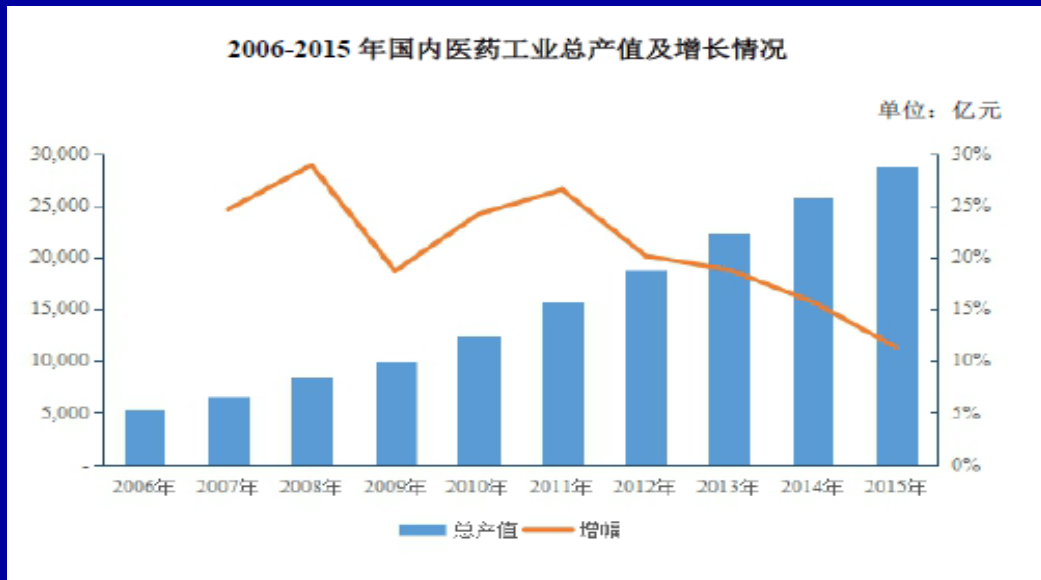
1

1

1		50%	
2	2020	90%	
3	2020		10%
		GMP	100

4		
---	--	--

	"	"	2011	15,126
2015	26,703		15.30%	
	2020			
	10%			



IMS 2020

2

"	"	2015	450
2010	"	"	



3

2016 3 5 CFDA

"

"

GMP

2015 7

"

"

FDA

4

WHO 2.57

88.7

1 59

7.18%

9300

2,000

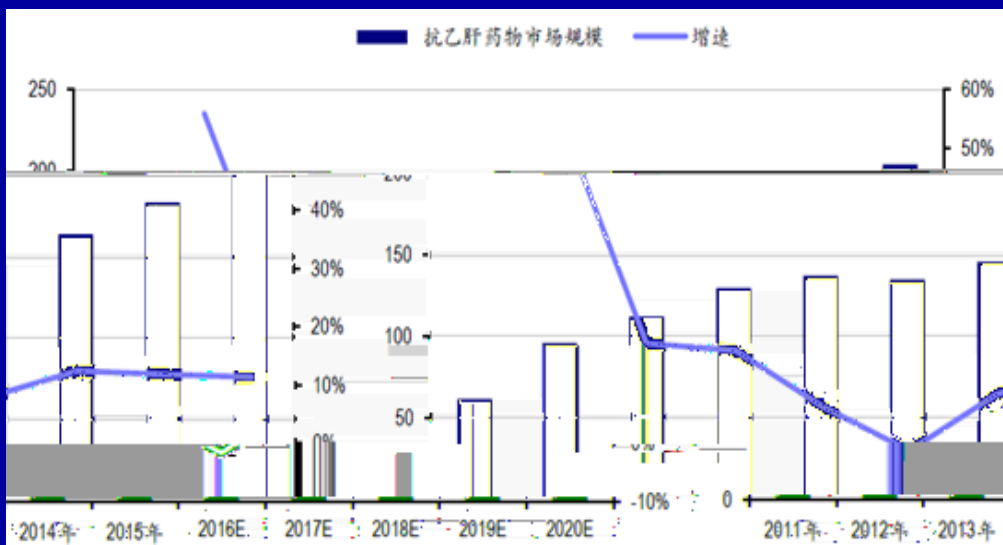
2010

20%

2011 68.81 2015 162.76  
 22.4% 2020 200  
 2015

80%

2016-2020



2017 5

CFDA

2

" "

1

" "

" "

" "

"

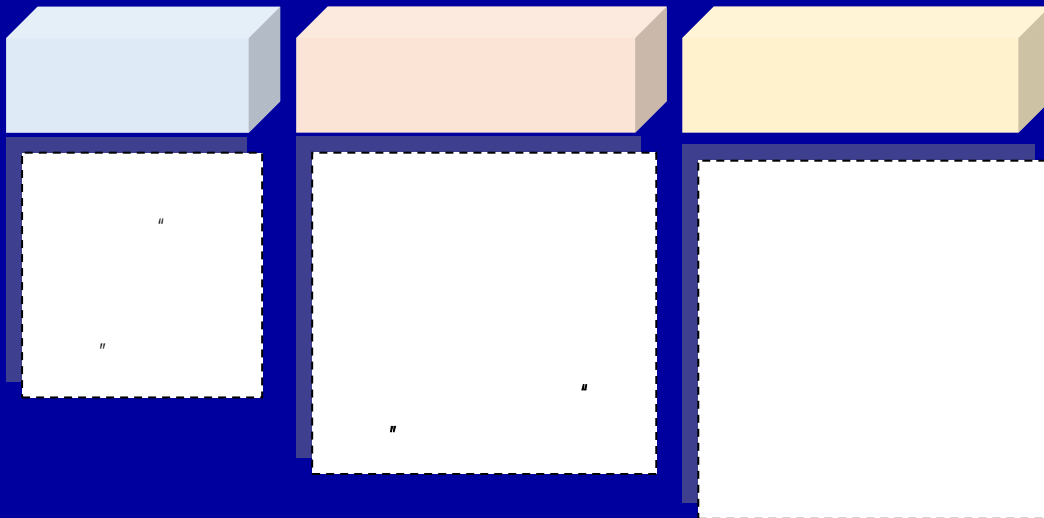
2030"

" "

"

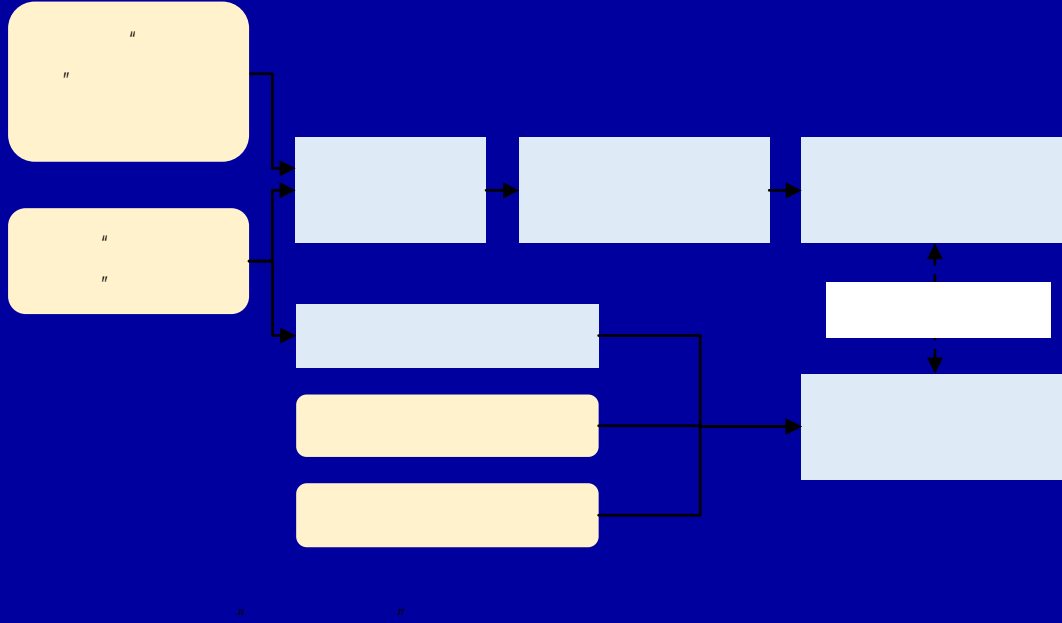
2030"

2016



2016





3

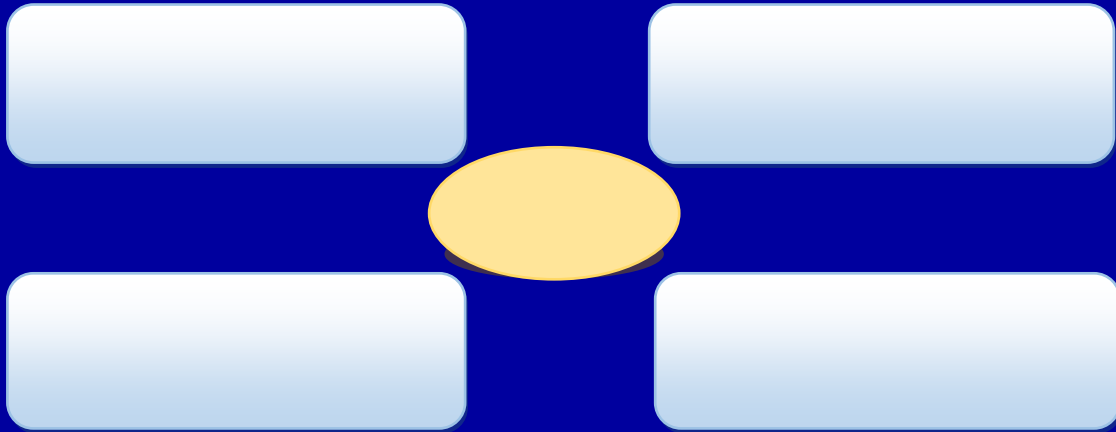
"

"

2010 1

1	2013 54				
2	2015-2020 2015 14	2015 0.52	2020 1.5		

3	2015 38	10%
4	2015 45	
5	117 2015	" 2020 25%
6	2017 2017 50	" "



4

" " " R "





1

FDA

GMP

2

" " " RGI'

" "

5

2

A

90%

=

/

$$P_1 = P_0 - D$$

$$P_1 = P_0 / (1 + N)$$

$$P_1 = \frac{P_0 - D}{1 + N}$$

$P_0$

$D$

$N$

$P_1$

5

1

"

2

”

3

”

4

"

20%

18

"

2017

1

2

3

4

3

[2013]43

2018 -2020

2018 9 25