

学位 建 年度 告
年度



1958

2200m²

4

4

10

66

2

26

54

50%

2020

139

75

3

H9N2 H5N1

GD

3

H9N2 H5N1

-

New Engl and Journal of Medi ci ne Lancet

Infect Di s Lancet HI V

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66

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39%

17

26%

54

82%

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6

4000m²

2200m²

1000m²

11

5

5

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7

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4000

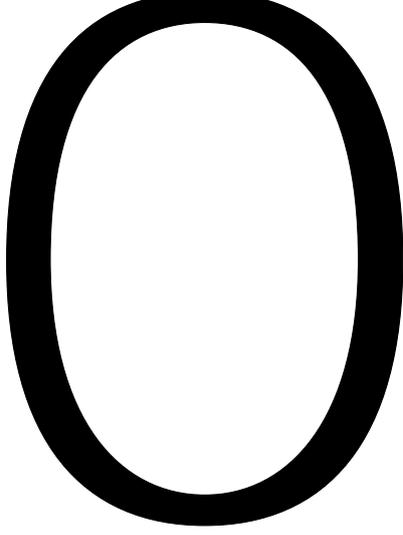
7

1

[2017] 6

	30%	2020	9		2020	
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						10000
19	"	"				
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	2020	75		30	15	20%
		15		7		2
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2



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2017 12

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		3	5%		
		"	"		6
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			53	56	8
15.1%	46-55	22	41.5%	45	23
		139	2.62	1	29
					54.7%
14	26.4%	48	90.6%		
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1		1		3	2

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(2013) 3

2017

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2019

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48	24	3
48		3
24		1.5
32	16	2
32		2
32		2

2			2020. 12	
3	- 2019		2019. 04	2015
4			2017. 09	3000

3

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11

6

4000

1000 M²

250 M²

2200 M²

19

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11	-		
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1

2018

11

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2019

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2018~2020

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40)

4

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20%

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2

" "

5

1			2 /	1. 35%
2			1 / 0.5 / 0.2 /	20% 35% 45%
3			0.5 /	
4			0.6 /	
5			5000 /	100%

6	" "		600 / / 300 / /	30% 100%
7			2 / 1 / 0.2 /	5%
8	" "		2000 /	14
9			2000 /	
10			5000 /	5

" + "

1

2

3

1

2

3

4

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