

# **中国教育监测与评价统计指标体系**

## **(2020 年版)**

教育部  
2020 年 12 月

2015

(

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2030

5 120

36

50

34

18

18

2030



1.

2.

	.....	<b>1</b>
1.	% .....	1
2.	.....	1
3.	% .....	2
4.	% .....	4
5.	.....	5
6.	.....	5
7.	% .....	6
8.	% .....	6
	.....	<b>7</b>
9.	% .....	7
10.	% .....	7
11.	% .....	8
12.	% .....	8
13.	% .....	9
14.	% .....	10
15.	/ .....	10
16.	% .....	11
17.	% .....	12
18.	% .....	12
19.	% .....	13
20.	% .....	13
21.	% .....	14
22.	% .....	15
23.	% .....	16
24.	% .....	16
25.	.....	17
26.	.....	18
27.	% .....	18
28.	<b>II</b> % .....	18
29.	% .....	19
30.	% .....	20
31.	% .....	21
32.	% .....	22

33.	/	.....	23
34.		% .....	23
35.	%	.....	24
36.	%	.....	25
37.	%	.....	26
38.		% .....	26
39.		% .....	27
40.		.....	27
41.		% .....	28
		.....	<b>28</b>
		.....	<b>28</b>
42.		.....	28
43.		.....	30
44.	%	.....	30
45.	%	.....	31
46.	%	.....	32
47.	%	.....	32
48.		% .....	33
49.		% .....	34
50.	%	.....	35
51.	%	.....	35
52.	%	.....	36
53.		.....	37
54.		.....	37
55.		.....	38
56.		.....	39
57.		.....	39
58.		% .....	40
	%	.....	40
60.		% .....	41
61.	%	.....	42
62.		.....	42
63.		.....	43
64.		.....	43
65.		.....	44
66.	%	.....	45

67.		.....	46
		.....	<b>46</b>
68.		% .....	46
69.	/	.....	47
70.		/ .....	48
71.	/	.....	49
72.		/ .....	49
73.		/ .....	50
74.	/	.....	51
75.		% .....	51
76.	/	.....	52
77.	/	.....	53
78.		% .....	54
		.....	<b>54</b>
79.	/	.....	54
80.		% .....	55
81.	/	.....	56
82.		% .....	56
83.		% .....	57
84.		% .....	58
85.		% .....	58
86.		% .....	59
		.....	<b>59</b>
87.		/ .....	59
88.		% .....	60
89.		% .....	60
90.	100Mbps	% .....	61
91.		% .....	62
92.		(%) .....	63
93.		(%) .....	63
94.		/ .....	64
95.	/	.....	65
		.....	<b>65</b>
96.		% .....	65
97.		% .....	66
98.		% .....	67

99.	%	.....	67
100.	%	.....	68
101.	%	.....	69
102.	%	.....	69
103.	%	.....	70
104.	%	.....	71
.....			<b>72</b>
105.	%	.....	72
106.		.....	72
107.	/	.....	73
108.	/	.....	74
109.	%	.....	74
110.	%	.....	75
111.		.....	76
.....			<b>76</b>
112.		.....	76
113.		.....	77
114.		.....	77
115.		.....	77
116.		.....	78
117.	R&D	.....	78
118.		.....	79
119.		.....	79
120.		.....	80



\*100%

= /

= /

$$\bar{Y} = \frac{\sum P_i E_i}{P}$$

$\bar{Y}$	$E_i$	$i$	$P$	$P_i$	$i$
		6	9	12	16



$$*100\% = \frac{\quad}{\quad}$$

$$\begin{aligned} & \mathbf{1} & & \% \\ = & 16 \quad 59 & & /16 \quad 59 & *100\% \\ & & & 16 \quad 59 \end{aligned}$$

$$\begin{aligned} & \mathbf{2} & & \% \\ = & 20 \quad 59 & & /20 \quad 59 & *100\% \\ & & & 20 \quad 59 \end{aligned}$$

$$\begin{aligned} & \mathbf{3 \quad 15 \quad 64} & & \% \\ = & 15 \quad 64 & & /15 \quad 64 & *100\% \\ & & & 15 \quad 64 \end{aligned}$$

$$\begin{aligned} & \mathbf{4 \quad 25 \quad 64} & & \% \\ = & 25 \quad 64 & & /25 \quad 64 & *100\% \\ & & & 25 \quad 64 \end{aligned}$$

$$\begin{aligned} & \mathbf{5} & & \% \\ = & & & / & *100\% \\ & & & 16 \end{aligned}$$

$$\frac{16}{16}$$

$$= \frac{6}{16} \div \frac{16}{16} \times 100\%$$

$$22 = \frac{17}{22} \div \frac{14}{16} \times 100\%$$

$$= \frac{3}{5} \div \frac{3}{5} \times 100\%$$

$$= \frac{3}{5} \div \frac{3}{5} \times 100\%$$

$$= \frac{1}{2} \div \frac{14}{16} \times 100\%$$

$$= \frac{2}{3} \div \frac{17}{19} \times 100\%$$

$$= \frac{3}{20} \cdot \frac{22}{22} \cdot \frac{1}{20} \cdot \frac{22}{22} \cdot 100\%$$

$$= \frac{1}{100000}$$

$$= \frac{1}{100000}$$

$$= \frac{2}{100000}$$

$$= \frac{3}{100000}$$

$$= \frac{4}{100000}$$

$$= \frac{5}{100000}$$

+

=

\*100%

% =

/

60

60

\*100%

=

60

/60

3 5

4 6

$$4 \ 6 = \frac{4}{3 \ 5} * 100\%$$

100%

$$100\% = \frac{100}{3 \ 5}$$

$$*100\% = \frac{100}{3 \ 5}$$

$$\frac{1}{2} = \frac{\%}{\%} * 100\%$$

$$\frac{2}{2} = \frac{\%}{\%} * 100\%$$

$$\frac{\%}{\%} = * 100\%$$

$$\frac{1}{2} = \frac{\%}{\%} * 100\%$$

$$\frac{2}{2} = \frac{\%}{\%} * 100\%$$

$$\frac{3}{2} = \frac{\%}{\%} * 100\%$$

$$\frac{\%}{\%} = * 100\%$$



100%

100%

100%

$$= \frac{1}{14} \times 100\%$$

$$= \frac{2}{14} \times 100\%$$

$$= \frac{1}{14} \times 100\%$$

100%

90%

100%

100%

$$= \frac{1}{14} \times 100\%$$

$$2 \quad \% \\ = \quad /12 \quad 14 \quad *100\%$$

$$3 \quad \% \\ = \quad /15 \quad 17 \quad *100\% \\ = \quad + \quad + \quad +$$

$$4 \quad \% \\ = \quad /18 \quad 22 \quad *100\% \\ = \quad + \quad +$$

+

$$= \quad / \quad *100\%$$

$$= \quad + \quad / \quad *100\%$$

= /

**1** /  
=  
**2** /  
=  
**3** /  
=  
**4** /  
=

25

= / \*100%

1

**1** %  
=  
/ \*100%

---

<sup>1</sup> 《国家中长期教育改革和发展规划纲要（2010-2020年）》，中共中央 国务院，2010年

$$= \frac{2}{3} \frac{\%}{\%} *100\%$$

56

$$= \frac{\%}{\%} *100\%$$

$$= \frac{1}{2} \frac{\%}{\%} *100\%$$

$$= \frac{2}{3} \frac{\%}{\%} *100\%$$

$$= \frac{3}{3} \frac{\%}{\%} *100\%$$

$$\frac{\%}{\%} *100\% =$$

$$\frac{1}{2} = \frac{\%}{\%} * 100\%$$

$$\frac{\%}{\%} = *100\%$$

$$\frac{1}{2} = \frac{\%}{\%} * 100\%$$

$$*100\% = \frac{\%}{\%}$$

$$\begin{aligned}
 & \mathbf{1} && \% \\
 = & & / && *100\% \\
 & \mathbf{2} && \% \\
 = & & / && *100\% \\
 & \mathbf{3} && \% \\
 = & & / && *100\% \\
 & \mathbf{4} && \% \\
 = & & / && *100\% \\
 & \mathbf{5} && \% \\
 = & & / && *100\%
 \end{aligned}$$

$$\begin{aligned}
 & & & = \\
 & / & & *100\%
 \end{aligned}$$

$$\begin{aligned}
 & \mathbf{1} && \% \\
 = & & / && *100\% \\
 & \mathbf{2} && \% \\
 = & & / && *100\% \\
 & \mathbf{3} && \% \\
 = & & / && *100\%
 \end{aligned}$$

$$4 = \frac{\quad}{\quad} \times 100\%$$

$$5 = \frac{\quad}{\quad} \times 100\%$$

$$6 = \frac{\quad}{\quad} \times 100\%$$

$$7 = \frac{\quad}{\quad} \times 100\%$$

6 14

$$14 = \frac{6}{14} \times 100\% = \frac{6}{14} \times 100\%$$

$$1 = \frac{6}{11} \times 100\%$$

$$2 = \frac{12}{14} \times 100\%$$

$$= \frac{\quad}{\quad} \times 100\%$$

$$= \frac{\mathbf{1}}{\quad} \times 100\%$$

$$= \frac{\mathbf{2}}{\quad} \times 100\%$$

$$= \frac{\mathbf{3}}{\quad} \times 100\%$$

$$= \frac{\mathbf{4}}{\quad} \times 100\%$$



**1**  
**%**

**2**  
**%**

**3**  
**%**

**4**  
**%**

= /

$$= /$$

$$*100\% = /$$

$$= \frac{1}{2} / \% *100\%$$

II I

II =  
/

\*100%

II

II

<b>1</b>	/	/	<b>II</b>	<b>%</b>
=		/	II	/
	/	/	*100%	
<b>2</b>	/	/	<b>II</b>	<b>%</b>
=		/	II	/
	/	/	*100%	
<b>3</b>	/	/	<b>III</b>	<b>%</b>
=		/	III	/
	/	/	*100%	
<b>4</b>	/	/	<b>III</b>	<b>%</b>
=		/	III	/
	/	/	*100%	

= /  
\*100%

$$\begin{aligned}
 & \mathbf{1} \quad \quad \quad \mathbf{\%} \\
 = & \quad \quad \quad / \quad \quad \quad \mathbf{\%} \quad \quad \quad \mathbf{*100\%} \\
 & \mathbf{2} \quad \quad \quad \mathbf{\%} \\
 = & \quad \quad \quad / \quad \quad \quad \mathbf{\%} \quad \quad \quad \mathbf{*100\%} \\
 & \mathbf{3} \quad \quad \quad \mathbf{\%} \\
 = & \quad \quad \quad / \quad \quad \quad \mathbf{\%} \quad \quad \quad \mathbf{*100\%} \\
 & \mathbf{4} \quad \quad \quad \mathbf{\%} \\
 = & \quad \quad \quad / \quad \quad \quad \mathbf{\%} \\
 \mathbf{*100\%} & \\
 & \mathbf{5} \quad \quad \quad \mathbf{\%} \\
 = & \quad \quad \quad / \quad \quad \quad \mathbf{\%} \quad \quad \quad \mathbf{*100\%} \\
 & \quad \quad \quad \mathbf{=} \quad \quad \quad \mathbf{/} \\
 & \quad \quad \quad \mathbf{*100\%}
 \end{aligned}$$

2

$$\begin{aligned}
 & \mathbf{1} \quad \quad \quad \mathbf{\%} \\
 = & \quad \quad \quad / \\
 \mathbf{*100\%} &
 \end{aligned}$$

<sup>2</sup> 当前为《国家学生体质健康标准（2014年修订）》的通知（教体艺〔2014〕5号）

$$\frac{2}{\text{=}} \times 100\% = \frac{\%}{/}$$

$$\frac{3}{\text{=}} \times 100\% = \frac{\%}{/}$$

$$\frac{4}{\text{=}} \times 100\% = \frac{\%}{/}$$

$$\frac{5}{\text{=}} \times 100\% = \frac{\%}{/}$$

$$\frac{6}{\text{=}} \times 100\% = \frac{\%}{/}$$

$$\frac{7}{\text{=}} \times 100\% = \frac{\%}{/}$$

$$\frac{8}{\text{=}} \times 100\% = \frac{\%}{/}$$

$$\frac{9}{\text{=}} \times 100\% = \frac{\%}{/}$$

$$\frac{10}{\text{=}} \times 100\% = \frac{\%}{/}$$

BMI

=

BMI

/

\*100%

$$\mathbf{1} \quad \%$$
$$= \frac{\text{BMI}}{\text{BMI}} /$$
$$*100\%$$

$$\mathbf{2} \quad \%$$
$$= \frac{\text{BMI}}{\text{BMI}} /$$
$$*100\%$$

$$\mathbf{3} \quad \%$$
$$= \frac{\text{BMI}}{\text{BMI}} /$$
$$*100\%$$

$$\mathbf{4} \quad \%$$
$$= \frac{\text{BMI}}{\text{BMI}} /$$
$$*100\%$$

$$\mathbf{5} \quad \%$$
$$= \frac{\text{BMI}}{\text{BMI}} /$$
$$*100\%$$

$$= \frac{\quad}{\quad} *100\%$$

$$\mathbf{1} \quad \%$$
$$= \frac{\quad}{\quad} *100\%$$

$$\begin{aligned}
 & \frac{2}{3} \times 100\% \\
 & = \frac{2}{3} \times 100\% \\
 & = \frac{4}{3} \times 100\%
 \end{aligned}$$

$$\frac{1}{2} =$$

$$\begin{aligned}
 & \frac{1}{2} \\
 & = \frac{1}{2} \\
 & \frac{2}{2} \\
 & = \frac{2}{2}
 \end{aligned}$$

$$\frac{1}{2} \times 100\% =$$

1+X

$$\frac{1}{2} = \frac{\%}{/} * 100\%$$

$$\frac{2}{=} = \frac{\%}{/} * 100\%$$

2020 19

2020

=



$$\begin{aligned}
 & \mathbf{2} \qquad \qquad \qquad \% \\
 = & \qquad \qquad \qquad / \qquad \qquad \qquad *100\% \\
 & \mathbf{3} \qquad \qquad \qquad \% \\
 = & \qquad \qquad \qquad / \qquad \qquad \qquad *100\% \\
 & \mathbf{4} \qquad \qquad \qquad \% \\
 = & \qquad \qquad \qquad / \qquad \qquad \qquad *100\%
 \end{aligned}$$

$$\begin{aligned}
 & \qquad \qquad \qquad = \qquad \qquad \qquad / \\
 *100\% &
 \end{aligned}$$

$$\begin{aligned}
 & \mathbf{1} \qquad \qquad \qquad \% \\
 = & \qquad \qquad \qquad / \qquad \qquad \qquad *100\% \\
 & \mathbf{2} \qquad \qquad \qquad \% \\
 = & \qquad \qquad \qquad / \qquad \qquad \qquad *100\% \\
 & \mathbf{3} \qquad \qquad \qquad \% \\
 = & \qquad / \qquad \qquad *100\% \\
 & \mathbf{4} \qquad \qquad \qquad \% \\
 = & \qquad / \qquad \qquad *100\% \\
 & \mathbf{5} \qquad \qquad \qquad \% \\
 = & \qquad \qquad \qquad / \qquad \qquad \qquad *100\%
 \end{aligned}$$

$$\begin{aligned}
 & \mathbf{6} \qquad \qquad \qquad \% \\
 = & \qquad \qquad \qquad / \qquad \qquad \qquad *100\% \\
 & \mathbf{7} \qquad \qquad \qquad \% \\
 = & \qquad \qquad \qquad / \qquad \qquad \qquad *100\% \\
 & \mathbf{8} \qquad \qquad \qquad \% \\
 = & \qquad \qquad \qquad / \qquad \qquad \qquad *100\%
 \end{aligned}$$

$$*100\% \qquad \qquad \qquad = \qquad \qquad \qquad /$$

$$\begin{aligned}
 & \mathbf{1} \qquad \qquad \qquad \% \\
 = & \qquad \qquad \qquad / \qquad \qquad \qquad *100\% \\
 & \mathbf{2} \qquad \qquad \qquad \% \\
 = & \qquad \qquad \qquad / \qquad \qquad \qquad *100\%
 \end{aligned}$$

$$/ \qquad \qquad \qquad *100\% \qquad \qquad \qquad =$$

1

=

2

=

3

=

/ 100%

%

\*100%

=

/

$$\frac{1}{2} = \frac{1}{2}$$

$$\frac{1}{2} = \frac{1}{2} * 100\%$$

$$\frac{1}{2} = \frac{1}{2} * 100\%$$

$$\frac{1}{2} = \frac{1}{2} * 100\%$$

$$= \frac{1}{2}$$

$$\begin{aligned}
& \mathbf{1} \\
= & \quad / \\
& \mathbf{2} \\
= & \quad / \\
& \mathbf{3} \\
= & \quad / \\
& \mathbf{4} \\
= & \quad / \\
& \mathbf{5} \\
= & \quad / \\
& \mathbf{6} \\
= & \quad / \\
& \mathbf{7} \\
= & \quad / \\
& \quad \quad \quad = \quad \quad \quad + \quad \quad \quad *1.5+ \\
& \quad \quad \quad *2+ \quad \quad \quad + \quad \quad \quad *0.3+ \quad \quad \quad *0.1+ \\
+ & \quad \quad \quad *0.1+ \quad \quad \quad + \quad \quad \quad + \quad \quad \quad *0.5+ \quad \quad \quad *0.5 \\
& \quad \quad \quad = \quad \quad \quad + \quad \quad \quad *0.5+ \quad \quad \quad *0.5 \\
& \mathbf{1.} \quad \quad \quad *0.5 \\
& \mathbf{2.}
\end{aligned}$$

$$= \quad /$$

$$\mathbf{1}$$
$$= \quad /$$

$$\mathbf{2}$$
$$= \quad /$$

$$\mathbf{3}$$
$$= \quad /$$

$$\times 100\% = \quad /$$

100%

$$\begin{aligned}
 & \mathbf{1} && \% \\
 = & & / & *100\% \\
 & \mathbf{2} && \% \\
 = & & / & *100\% \\
 & \mathbf{3} && \% \\
 = & & / & *100\% \\
 & \mathbf{4} && \% \\
 = & & / & *100\% \\
 & \mathbf{5} && \% \\
 = & & / & *100\%
 \end{aligned}$$

$$\begin{aligned}
 & & = & / \\
 *100\% & & &
 \end{aligned}$$

$$\begin{aligned}
 & \mathbf{1} && \% \\
 = & & / & *100\% \\
 & \mathbf{2} && \% \\
 = & & / & *100\% \\
 & \mathbf{3} && \% \\
 = & & / & *100\% \\
 & \mathbf{4} && \% \\
 = & & / & *100\% \\
 & \mathbf{5} && \% \\
 = & & / & *100\%
 \end{aligned}$$

$$= \frac{6}{7} \times 100\%$$

$$= \frac{7}{7} \times 100\%$$



$$*100\% = \quad /$$

$$\begin{aligned} & \mathbf{1} \quad \quad \quad \% \\ = & \quad / \quad \quad \quad *100\% \\ & \mathbf{2} \quad \quad \quad \% \\ = & \quad / \quad \quad \quad *100\% \\ & \mathbf{3} \quad \quad \quad \% \\ = & \quad / \quad \quad \quad *100\% \\ & \mathbf{4} \quad \quad \quad \% \\ = & \quad / \quad \quad \quad *100\% \\ & \mathbf{5} \quad \quad \quad \% \\ = & \quad / \quad \quad \quad *100\% \\ & \mathbf{6} \quad \quad \quad \% \\ = & \quad / \quad \quad \quad *100\% \end{aligned}$$

$$/ \quad *100\% =$$

$$\begin{aligned}
 & \mathbf{1} && \% \\
 = & && / && *100\% \\
 & \mathbf{2} && \% \\
 = & && / && *100\% \\
 & \mathbf{3} && \% \\
 = & && / && *100\% \\
 & \mathbf{4} && \% \\
 = & && / && *100\% \\
 & \mathbf{5} && \% \\
 = & && / && *100\% \\
 & \mathbf{6} && \% \\
 = & && / && *100\% \\
 & \mathbf{7} && \% \\
 = & && / && \\
 *100\% & && && \\
 & \mathbf{8} && \% \\
 = & && / && \\
 *100\% & && && \\
 & \mathbf{9} && \% \\
 = & && / && *100\%
 \end{aligned}$$

$$\begin{aligned}
 & && = && / \\
 *100\% & && &&
 \end{aligned}$$

$$\text{*100\%} = \quad /$$

$$\text{*100\%} = \quad /$$

$$\begin{aligned}
 & \mathbf{1} && \% \\
 = & && / && *100\% \\
 & \mathbf{2} && \% \\
 = & && / && *100\% \\
 & \mathbf{3} && \% \\
 = & && / && \\
 & *100\% && && \\
 & \mathbf{4} && \% \\
 = & && / && \\
 *100\% & && && \\
 & \mathbf{5} && \% \\
 = & && / && \\
 *100\% & && && \\
 & && = && / \\
 & *100\% && &&
 \end{aligned}$$

$$\begin{aligned}
 & \mathbf{1} && \% \\
 = & && / && *100\% \\
 & \mathbf{2} && \% \\
 = & && / && *100\%
 \end{aligned}$$

$$= \frac{3}{\quad} \times 100\%$$

$$= \quad / \quad$$

3

$$= \frac{1}{\quad} /$$

$$= \frac{2}{\quad} /$$

$$= \frac{3}{\quad} /$$

$$/ \quad *100 =$$

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<sup>3</sup> 现行为《中小学心理健康教育指导纲要（2012年修订）》，教育部，2012

1:350

$$\begin{aligned}
 & \mathbf{1} \\
 = & \quad \quad \quad / \quad \quad \quad *100 \\
 & \mathbf{2} \\
 = & \quad \quad \quad / \quad \quad \quad *100 \\
 & \mathbf{3} \\
 = & \quad \quad \quad / \quad \quad \quad *100 \\
 & \mathbf{4} \\
 = & \quad \quad \quad / \quad \quad \quad *100 \\
 & \mathbf{5} \\
 = & \quad \quad \quad / \quad \quad \quad *100 \\
 & \quad \quad \quad = \quad \quad \quad / \\
 *100 &
 \end{aligned}$$

$$\begin{aligned}
 & \mathbf{1} \\
 = & \quad \quad \quad / \quad \quad \quad *100 \\
 & \mathbf{2} \\
 = & \quad \quad \quad / \quad \quad \quad *100
 \end{aligned}$$

<sup>4</sup> 《关于深化新时代学校思想政治理论课改革创新的若干意见》，中共中央办公厅、国务院办公厅，2019；《关于加强新时代中小学思想政治理论课教师队伍建设的意见》，教育部 中央组织部 中央宣传部 财政部 人力资源社会保障部，2019

$$\frac{3}{4} = \frac{\quad}{\quad} \times 100$$

$$\frac{4}{\quad} = \frac{\quad}{\quad} \times 100$$

$$\frac{\quad}{\quad} = \frac{\quad}{\quad} \times 100$$

$$\frac{1}{2} = \frac{\quad}{\quad} \times 100$$

$$\frac{2}{3} = \frac{\quad}{\quad} \times 100$$

$$\frac{3}{4} = \frac{\quad}{\quad} \times 100$$

$$\frac{4}{\quad} = \frac{\quad}{\quad} \times 100$$

$$\frac{\quad}{\quad} = \frac{\quad}{\quad} \times 100$$

$$\begin{aligned}
 & \mathbf{1} \\
 = & \quad \quad \quad / \quad \quad \quad *100 \\
 & \mathbf{2} \\
 = & \quad \quad \quad / \quad \quad \quad *100 \\
 & \mathbf{3} \\
 = & \quad \quad \quad / \quad \quad \quad *100 \\
 & \mathbf{4} \\
 = & \quad \quad \quad / \quad \quad \quad *100 \\
 & \mathbf{5} \\
 = & \quad \quad \quad / \quad \quad \quad *100
 \end{aligned}$$

$$\begin{aligned}
 & \quad \quad \quad / \quad \quad \quad *100\% \quad \quad \quad =
 \end{aligned}$$

$$= \quad \quad \quad /$$



\*100%

$$\frac{1}{2} = \frac{\%}{\%} \times 100\%$$
$$= \frac{\%}{\%} \times 100\%$$

$$/ \quad *100\% =$$

$$\frac{1}{2} = \frac{\%}{\%} \times 100\%$$
$$\frac{2}{3} = \frac{\%}{\%} \times 100\%$$
$$\frac{3}{4} = \frac{\%}{\%} \times 100\%$$
$$\frac{4}{5} = \frac{\%}{\%} \times 100\%$$

$$= \frac{5}{61} \times 100\%$$

$$= \frac{\quad}{\quad} \times 100\%$$

$$\frac{\quad}{\quad} + \frac{\quad}{3} + \quad$$

5

200:1

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<sup>5</sup> 《普通高等学校辅导员队伍建设规定》，教育部令第43条，2017

**1**  
 = + /  
 + /3  
**2**  
 = / +  
 /3  
 = +  
 /  
 6  
 2  
**1**  
 = + /  
**2**  
 = /

---

<sup>6</sup> 《高等学校学生心理健康教育指导纲要》，教育部党组，2018

$$= \quad + \quad /$$

**1**  
=  $\quad + \quad /$

**2**  
=  $\quad + \quad /$

$$= \quad /$$

**1**  
=  $\quad /$

**2**  
=  $\quad /$

$$*100\% = \frac{\text{=}}{\text{+} + \frac{\text{=}}{\text{+} - \text{+}} + \text{+}}$$

**1** %  
= / \*100%

**2** %  
= / \*100%

**3** %  
= / \*100%

**4** %  
= / \*100%

**5** %  
= / \*100%

**6** %  
= / \*100%

**7** %  
= / \*100%

**8** %  
= / \*100%

$$= \quad /$$

1

1

$$\begin{aligned} & \mathbf{1} \\ = & \quad / \\ & \mathbf{2} \\ = & \quad / \end{aligned}$$

$$\begin{aligned} & \quad \quad \quad = \quad \quad \quad / \\ & *100\% \end{aligned}$$

$$\frac{1}{2} = \frac{\%}{\%} \times 100\%$$

$$= \quad /$$

7

1 1.1 1.32

$$\frac{1}{2} = \frac{1}{2}$$

$$\frac{2}{3} = \frac{2}{3}$$

$$\frac{3}{4} = \frac{3}{4}$$

$$\frac{4}{5} = \frac{4}{5}$$

$$\frac{5}{6} = \frac{5}{6}$$

<sup>7</sup> 例如，《县域义务教育优质均衡发展督导评估办法》（教督〔2017〕6号）

$$\begin{aligned}
 & \quad \quad \quad \mathbf{7} \quad \quad \quad / \\
 = & \quad \quad \quad / \\
 & \quad \quad \quad + \quad = \quad + \quad + \quad + \\
 + & \quad \quad \quad + \quad \quad \quad + \quad \quad \quad + \quad \quad \quad +
 \end{aligned}$$

$$= \quad \quad \quad /$$

$$\begin{aligned}
 & \quad \quad \quad \mathbf{1} \quad \quad \quad / \\
 = & \quad \quad \quad / \\
 & \quad \quad \quad \mathbf{2} \quad \quad \quad / \\
 = & \quad \quad \quad / \\
 & \quad \quad \quad \mathbf{3} \quad \quad \quad / \\
 = & \quad \quad \quad / \\
 & \quad \quad \quad \mathbf{4} \quad \quad \quad / \\
 = & \quad \quad \quad / \\
 & \quad \quad \quad \mathbf{5} \quad \quad \quad / \\
 = & \quad \quad \quad / \\
 & \quad \quad \quad \mathbf{6} \quad \quad \quad / \\
 = & \quad \quad \quad /
 \end{aligned}$$



$$7 \quad /$$
$$= \quad /$$

$$= \quad /$$

$$1 \quad /$$
$$= \quad /$$
$$2 \quad /$$
$$= \quad /$$
$$3 \quad /$$
$$= \quad /$$
$$4 \quad /$$
$$= \quad /$$
$$5 \quad /$$
$$= \quad /$$

$$= \quad /$$

$$\begin{aligned}
 & \mathbf{1} && / \\
 = & && / \\
 & \mathbf{2} && / \\
 = & && / \\
 & \mathbf{3} && / \\
 = & && / \\
 & \mathbf{4} && / \\
 = & && /
 \end{aligned}$$

$$= \quad /$$

$$\begin{aligned}
 & \mathbf{1} && / \\
 = & && / \\
 & \mathbf{2} && / \\
 = & && /
 \end{aligned}$$

= /

**1** /

= /

**2** /

= /

**3** /

= /

**4** /

= /

**5** /

= /

**6** /

= /

**7** /

= /

= /

\*100%

$$\begin{aligned} & \mathbf{1} && \% \\ = & & / & *100\% \\ & \mathbf{2} && \% \\ = & & / & *100\% \\ & \mathbf{3} && \% \\ = & & / & *100\% \\ & \mathbf{4} && \% \\ = & & / & *100\% \\ & \mathbf{5} && \% \\ = & & / & *100\% \\ & \mathbf{6} && \% \\ = & & / & *100\% \\ & \mathbf{7} && \% \\ = & & / & *100\% \end{aligned}$$

$$= \quad /$$

$$\begin{aligned}
& \mathbf{1} && / \\
= & && / \\
& \mathbf{2} && / \\
= & && / \\
& \mathbf{3} && / \\
= & && / \\
& \mathbf{4} && / \\
= & && / \\
& \mathbf{5} && / \\
= & && / \\
& && = && /
\end{aligned}$$

$$\begin{aligned}
& \mathbf{1} && / \\
= & && / \\
& \mathbf{2} && / \\
= & && / \\
& \mathbf{3} && / \\
= & && / \\
& \mathbf{4} && / \\
= & && / \\
& \mathbf{5} && / \\
= & && /
\end{aligned}$$

$$\frac{6}{7} = \frac{\quad}{\quad}$$

$$\frac{\quad}{\quad} = \quad *100\%$$

$$\frac{1}{2} = \frac{\quad}{\quad} *100\%$$

$$\frac{2}{3} = \frac{\quad}{\quad} *100\%$$

$$\frac{3}{4} = \frac{\quad}{\quad} *100\%$$

40%

$$= \frac{\begin{cases} \frac{T}{60\%} \times 40\% & T > \frac{T}{60\%} \times 40\% \\ T & T \leq \frac{T}{60\%} \times 40\% \end{cases}}{T}$$

$T$

$$T = \quad + \quad + \quad + \quad =$$

$$1 \quad 1$$

$$= \quad / \quad *100\%$$

¬ o )Ù %o §G} 9 i® ••` ³çÂÐ

$$= \quad /$$



$$\text{*100\%} = \quad /$$

$$\mathbf{1} \quad \mathbf{\%}$$
$$= \quad / \quad \mathbf{*100\%}$$

$$\mathbf{2} \quad \mathbf{\%}$$
$$= \quad / \quad \mathbf{*100\%}$$

$$\mathbf{3} \quad \mathbf{\%}$$
$$= \quad / \quad \mathbf{*100\%}$$

$$\text{*100\%} = \quad /$$

$$\mathbf{1} \quad \mathbf{\%}$$
$$= \quad / \quad \mathbf{*100\%}$$

$$\mathbf{2} \quad \mathbf{\%}$$
$$= \quad / \quad \mathbf{*100\%}$$

$$= \frac{3}{\%} * 100\%$$

$$* 100\% = \frac{\%}{}$$

$$= \frac{1}{\%} * 100\%$$

$$= \frac{2}{\%} * 100\%$$

$$= \frac{3}{\%} * 100\%$$

$$* 100\% = \frac{\%}{}$$

$$= \quad / \quad *100\%$$

Å ð

$$1 \quad \% \\ = \quad \text{E} \quad \text{E} \quad *100\%$$

$$2 \quad \% \\ = \quad / \quad *100\%$$

$$\begin{aligned}
 & \mathbf{2} && / \\
 = & && *100 \\
 & \mathbf{3} && / \\
 = & && *100 \\
 & \mathbf{4} && / \\
 = & && *100 \\
 & \mathbf{5} && / \\
 = & && *100
 \end{aligned}$$

$$*100\% = /$$

$$\begin{aligned}
 & \mathbf{1} && \% \\
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 & \mathbf{2} && \% \\
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 & \mathbf{3} && \% \\
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 & \mathbf{4} && \% \\
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 & \mathbf{5} && \% \\
 = & && *100\%
 \end{aligned}$$

$$*100\% = \quad /$$

$$1 \quad \% \\ = \quad / \quad *100\%$$

$$2 \quad \% \\ = \quad / \quad *100\%$$

$$3 \quad \% \\ = \quad / \quad *100\%$$

$$4 \quad \% \\ = \quad / \quad *100\%$$

$$5 \quad \% \\ = \quad / \quad *100\%$$

100Mbps

100Mbps

$$*100\% \quad 100Mbps = \quad 100Mbps \quad /$$

100Mbps

$$\begin{aligned}
 & \mathbf{1} && \mathbf{100Mbps} && \mathbf{\%} \\
 = & && 100Mbps && / && *100\% \\
 & \mathbf{2} && \mathbf{100Mbps} && \mathbf{\%} \\
 = & && 100Mbps && / && *100\% \\
 & \mathbf{3} && \mathbf{100Mbps} && \mathbf{\%} \\
 = & && 100Mbps && / && *100\% \\
 & \mathbf{4} && \mathbf{100Mbps} && \mathbf{\%} \\
 = & && 100Mbps && / && *100\% \\
 & \mathbf{5} && \mathbf{100Mbps} && \mathbf{\%} \\
 = & && 100Mbps && / && *100\%
 \end{aligned}$$

$$\begin{aligned}
 & && = && / \\
 *100\% & && &&
 \end{aligned}$$

$$\begin{aligned}
 & \mathbf{1} && \mathbf{\%} \\
 = & && / && *100\% \\
 & \mathbf{2} && \mathbf{\%} \\
 = & && / && *100\% \\
 & \mathbf{3} && \mathbf{\%} \\
 = & && / && *100\% \\
 & \mathbf{4} && \mathbf{\%} \\
 = & && / && *100\% \\
 & \mathbf{5} && \mathbf{\%} \\
 = & && / && *100\%
 \end{aligned}$$

$$*100\% = \quad /$$

$$\mathbf{1} \quad \% \\ = \quad / \quad *100\%$$

$$\mathbf{2} \quad \% \\ = \quad / \quad *100\%$$

$$\mathbf{3} \quad \% \\ = \quad / \quad *100\%$$

$$\mathbf{4} \quad \% \\ = \quad / \quad *100\%$$

$$\mathbf{5} \quad \% \\ = \quad / \quad *100\%$$

$$*100\% = \quad /$$

$$\begin{aligned}
 & \mathbf{1} && \% \\
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 & \mathbf{3} && \% \\
 = & && / && *100\% \\
 & \mathbf{4} && \% \\
 = & && / && *100\% \\
 & \mathbf{5} && \% \\
 = & && / && *100\%
 \end{aligned}$$

$$\begin{aligned}
 & = \\
 & / && *100
 \end{aligned}$$

$$\begin{aligned}
 & \mathbf{1} && / \\
 = & && / && *100 \\
 & \mathbf{2} && / \\
 = & && / && *100 \\
 & \mathbf{3} && / \\
 = & && / \\
 & *100
 \end{aligned}$$



$$= \frac{4}{5} \times 100$$

$$= \frac{5}{5} \times 100$$

$$= \frac{1}{1}$$

$$= \frac{1}{2}$$

$$= \frac{2}{2}$$

8

$$= \frac{1}{1} \times 100\%$$

<sup>8</sup> 《国家学校体育卫生条件试行基本标准》，教育部 财政部 卫生部，2008

$$\begin{aligned}
 & \mathbf{1} && \% \\
 = & & / & *100\% \\
 & \mathbf{2} && \% \\
 = & & / & *100\% \\
 & \mathbf{3} && \% \\
 = & & / & *100\%
 \end{aligned}$$

9

$$*100\% = /$$

$$\begin{aligned}
 & \mathbf{1} && \% & \mathbf{2} & \mathbf{2} \\
 = & & / & *100\%
 \end{aligned}$$

$$\frac{\quad}{\quad} = \quad *100\%$$

$$\frac{\mathbf{1}}{\quad} = \frac{\quad}{\quad} \frac{\%}{*100\%}$$

$$\frac{\mathbf{2}}{\quad} = \frac{\quad}{\quad} \frac{\%}{*100\%}$$

$$\frac{\mathbf{3}}{\quad} = \frac{\quad}{\quad} \frac{\%}{*100\%}$$

$$\frac{\mathbf{4}}{\quad} = \frac{\quad}{\quad} \frac{\%}{*100\%}$$

$$\frac{\quad}{\quad} = \frac{\quad}{\quad} \frac{\%}{*100\%}$$

$$\begin{aligned}
 & \mathbf{1} && \% \\
 = & & / & *100\% \\
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 = & & / & *100\% \\
 & \mathbf{4} && \% \\
 = & & / & *100\% \\
 & \mathbf{5} && \% \\
 = & & / & *100\%
 \end{aligned}$$

$$*100\% = \quad / \quad$$

10

$$\begin{aligned}
 & \mathbf{1} && \% \\
 = & & / & *100\% \\
 & \mathbf{2} && \% \\
 = & & / & *100\% \\
 & \mathbf{3} && \% \\
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 & \mathbf{4} && \% \\
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 & \mathbf{5} && \% \\
 = & & / & *100\%
 \end{aligned}$$

<sup>10</sup> 《国家学校体育卫生条件试行基本标准》，教育部 财政部 卫生部，2008

$$*100\% = \quad /$$

$$\begin{aligned}
 & \mathbf{1} \quad \quad \quad \% \\
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 & \mathbf{3} \quad \quad \quad \% \\
 = & \quad / \quad *100\% \\
 & \mathbf{4} \quad \quad \quad \% \\
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 & \mathbf{5} \quad \quad \quad \% \\
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 \end{aligned}$$

$$*100\% = \quad /$$

$$\begin{aligned}
 & \mathbf{1} \quad \quad \quad \% \\
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 \end{aligned}$$

$$\begin{aligned}
 & \mathbf{2} && \% \\
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 = & & / & *100\% \\
 & \mathbf{4} && \% \\
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 & \mathbf{5} && \% \\
 = & & / & *100\%
 \end{aligned}$$

$$*100\% = /$$

$$\begin{aligned}
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 & \mathbf{2} && \% \\
 = & & / & *100\% \\
 & \mathbf{3} && \% \\
 = & & / & *100\% \\
 & \mathbf{4} && \% \\
 = & & / & *100\%
 \end{aligned}$$

$$5 = \frac{\quad}{\quad} \% \quad *100\%$$

$$6 = \frac{\quad}{\quad} \% \quad *100\%$$

$$7 = \frac{\quad}{\quad} \% \quad *100\%$$

$$\quad *100\% = \frac{\quad}{\quad}$$

$$1 = \frac{\quad}{\quad} \% \quad *100\%$$

$$2 = \frac{\quad}{\quad} \% \quad *100\%$$

$$3 = \frac{\quad}{\quad} \% \quad *100\%$$

$$4 = \frac{\quad}{\quad} \% \quad *100\%$$

$$5 = \frac{\quad}{\quad} \% \quad *100\%$$

$$\frac{6}{100} \times 100\%$$

$$\frac{\quad}{\quad} \%$$

205

$$\frac{\quad}{\quad} \times 100\%$$

$$\frac{\quad}{\quad} =$$

0



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**1**

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**6**

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$$7 = \quad /$$

$$= \quad /$$

$$1 = \quad /$$

$$2 = \quad /$$

$$3 = \quad /$$

$$4 = \quad /$$

$$5 = \quad /$$

$$6 = \quad /$$

$$7 = \quad /$$

GDP

$$= \quad / \quad \text{GDP} * 100\%$$

$$\begin{aligned}
 & \mathbf{1} && \% \\
 = & && / \text{ GDP*100\%} \\
 & \mathbf{2} && \% \\
 = & && / \text{ GDP*100\%} \\
 & \mathbf{3} && \% \\
 = & && / \text{ GDP*100\%} \\
 & \mathbf{4} && \% \\
 = & && / \text{ GDP*100\%} \\
 & \mathbf{5} && \% \\
 = & && / \text{ GDP*100\%} \\
 & \mathbf{6} && \% \\
 = & && / \text{ GDP*100\%} \\
 & \mathbf{7} && \% \\
 = & && / \text{ GDP*100\%} \\
 & \mathbf{8} && / \\
 = & && /
 \end{aligned}$$

11

= +

/ \*100%

<sup>11</sup> 《中国教育经费统计年鉴 2018》，教育部财务司 国家统计局社会科技和文化产业统计司，中国统计出版社，2019 年

- 1
- 2
- 3
- 4
- 5
- 6
- 7

**1**

**2**

$$\begin{aligned}
 & \mathbf{1} \\
 & = \quad + \quad + \quad + \\
 & + \quad + \quad + \quad + \\
 & \mathbf{2} \\
 & = \quad + \quad + \quad + \\
 & \quad + \quad + \quad + \quad + \\
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 & \quad + \quad + \quad + \quad +
 \end{aligned}$$

R&D

R&D

$$\begin{aligned}
 & \qquad \qquad \qquad \text{R\&D} \\
 & \qquad \text{R\&D} \\
 1 & \qquad \text{R\&D} \\
 = & \qquad \qquad \qquad + \\
 + & \\
 2 & \qquad \text{R\&D} \\
 = & \qquad \qquad \qquad +
 \end{aligned}$$

$$\begin{aligned}
 & \qquad \qquad \qquad \text{R\&D} \\
 1 & \\
 = & \qquad \qquad + \qquad \qquad + \\
 2 & \qquad \text{R\&D} \\
 = & \qquad \qquad + \qquad \qquad +
 \end{aligned}$$

$$\begin{aligned}
 & \mathbf{1} \\
 = & \quad + \quad + \quad + \quad + \\
 & +
 \end{aligned}$$

$$\begin{aligned}
 & \mathbf{2} \\
 = & \quad + \quad + \quad + \quad + \quad + \quad + \\
 + & \quad + \quad + \quad + \quad + \quad +
 \end{aligned}$$