

2020

2020.04.06~04.12

1. 4 7

2020

325

131

87

24.54%

361

90.28

2.4 8

3.

1.	2020.04.06-04.12			
	4	12	21	1863 3605
				1373
	3416416			1
	1665	82.46%		
	277		14.87%	

1

2.17-4.12

1		102	147	182	141710	25
2		75	103	161	145893	12
3		62	46	117	121225	15
4		64	77	101	68939	24
5		84	121	159	235306	1
6		79	123	123	95717	25
7		135	180	323	211972	29
8		95	157	267	324258	11
9		70	88	113	268853	16
10		78	120	190	382995	6
11		45	58	109	99564	6
12		43	97	149	148092	1
13		21	49	62	75045	2
14		118	189	554	358026	30
15		74	56	128	117011	39
16		65	127	525	23547	0
17		60	9	177	504329	1
18		36	34	80	19382	31
19		15	13	16	14580	1
20		32	37	37	34330	2
21		20	32	32	25642	0
		1373	1863	3605	3416416	277

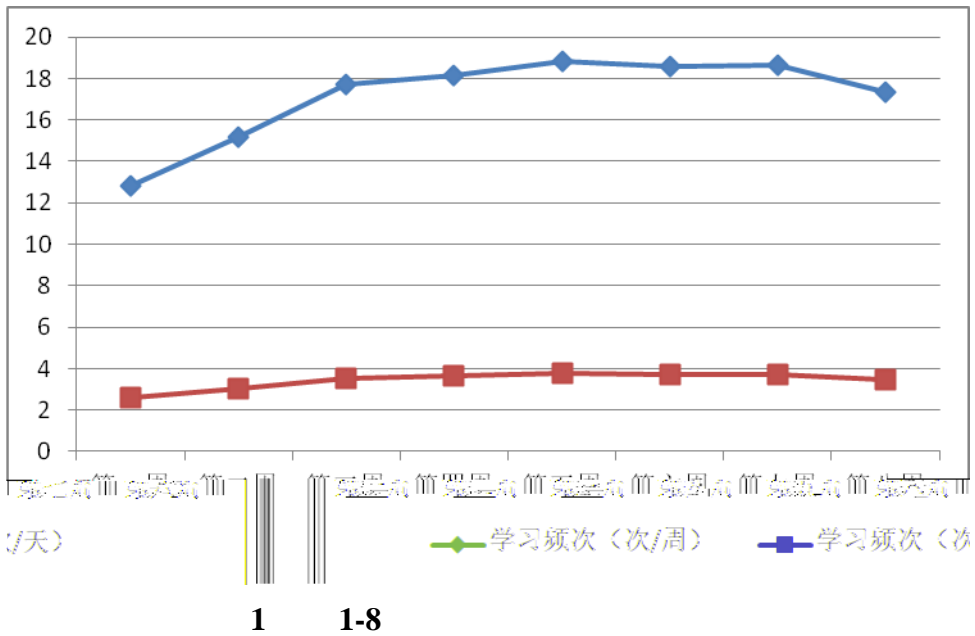
-

24614

1 2

2

	.		/ .	/ .
1	2.28	316272	12.85	2.57
2	3.2	747704	15.19	3.04
3	3.9	1309675	17.74	3.55
4	3.16	1790321	18.18	3.64
5	3.21	2317724	18.83	3.77
6	3.29	2749049	18.61	3.72
7	4.5	3210737	18.63	3.73
8	4.12	3416416	17.34	3.45



2.

4 12

3302

2170

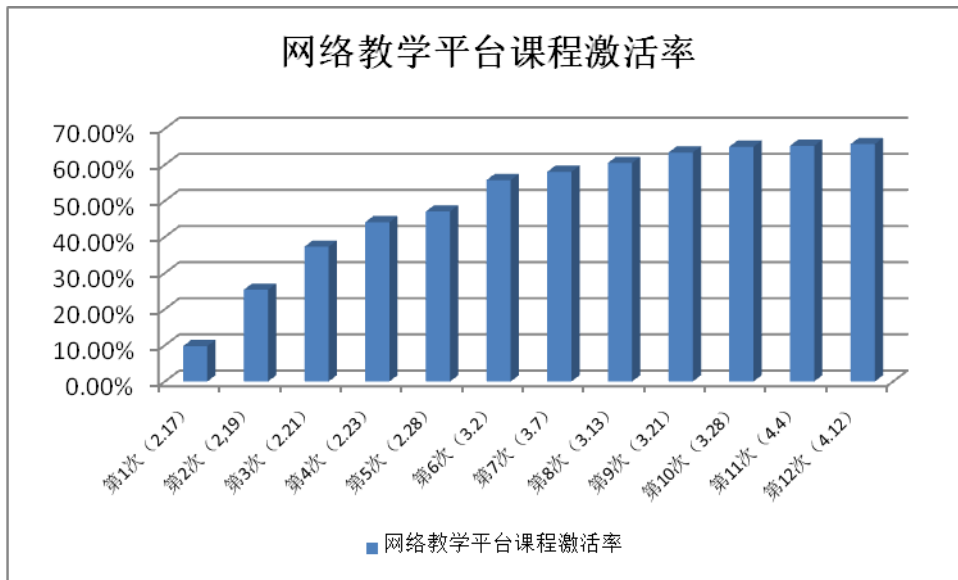
65.72%

8

3

2

4



2

3

				%
1	2.17	3254	318	9.77%
2	2.19	3254	826	25.38%
3	2.21	3254	1214	37.31%
4	2.23	3254	1434	44.07%
5	2.28	3245	1527	47.06%
6	3.2	3245	1821	55.76%
7	3.7	3248	1885	58.04%
8	3.13	3250	1967	60.51%
9	3.21	3250	2060	63.40%

	.			%
10	3.28	3254	2114	64.97%
11	4.4	3300	2153	65.24%
12	4.12	3302	2170	65.72%

4

				1.11-4.1 2 %	1.11-4. 4 %	1.11-3.2 8 %	1.11-3. 21 %	1.11-3.1 3 %	1.11-3. 7 %	1.11-2.2 8 %	1.11-2.23 %
1		160	157	98.13%	97.50%	97.50%	96.25%	95.63%	93.75%	86.25%	83.75%
2		121	115	95.14%	95.04%	94.21%	94.21%	93.39%	92.56%	81.82%	76.86%
3		228	200	87.72%	88.16%	88.16%	88.16%	87.72%	87.28%	83.33%	82.02%
4		137	119	86.86%	86.86%	82.48%	82.48%	80.29%	78.83%	71.53%	64.96%

5

1.

PPT

2.

1

2

3

4

3.

1.

FIDIC

Y'' N''

ArcScene

PPT

2.

C

3.

pk

pk

QQ

PPT

3D

4.

+

5.

PPT

6.

2020 4 12 9

00

2019

20 5539

7.

2020 4 13