



广东工程职业技术学院

GUANGDONG ENGINEERING POLYTECHNIC

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11. q " q " q " q	

.....	38
1	38
2	41
3	42

1-1	2015	6
1-2	2013-2015	7
1-3	2013-2015	8
1-1		9
2-1	2014—2015	9
2-1	2014—2015	11
2-2	2014—2015	.....	11
3-1	2014—2015	.....	12
3-1		.....	13
3-2	2012 —2014	.....	13
3-3		.....	15
3-4	TCL	.....	15
3-5		.....	16
3-6		.....	17
3-2	2015	.....	17
3-3		.....	18
3-4		.....	19
4-1		.....	21
4-2		.....	22
4-3	2015	.....	22
4-1		.....	25
4-4		.....	25
4-2	2013-2015	.....	26
4-3	2013-2015	.....	27
5-1	2015	.....	28
5-2	2015	.....	35
5-3	2015-2016	.....	37

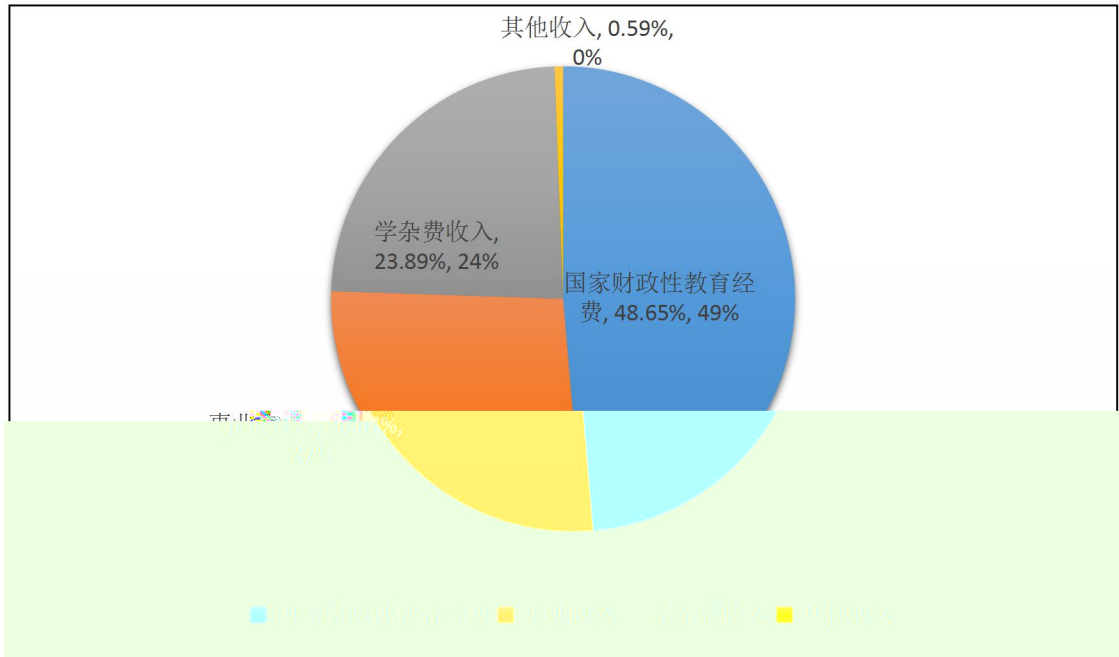
" " " " " "

9

		38703.36	
18829.85	48.65%	10398.12	
26.87%	9248	23.89%	227.39
	0.59%		48.65%

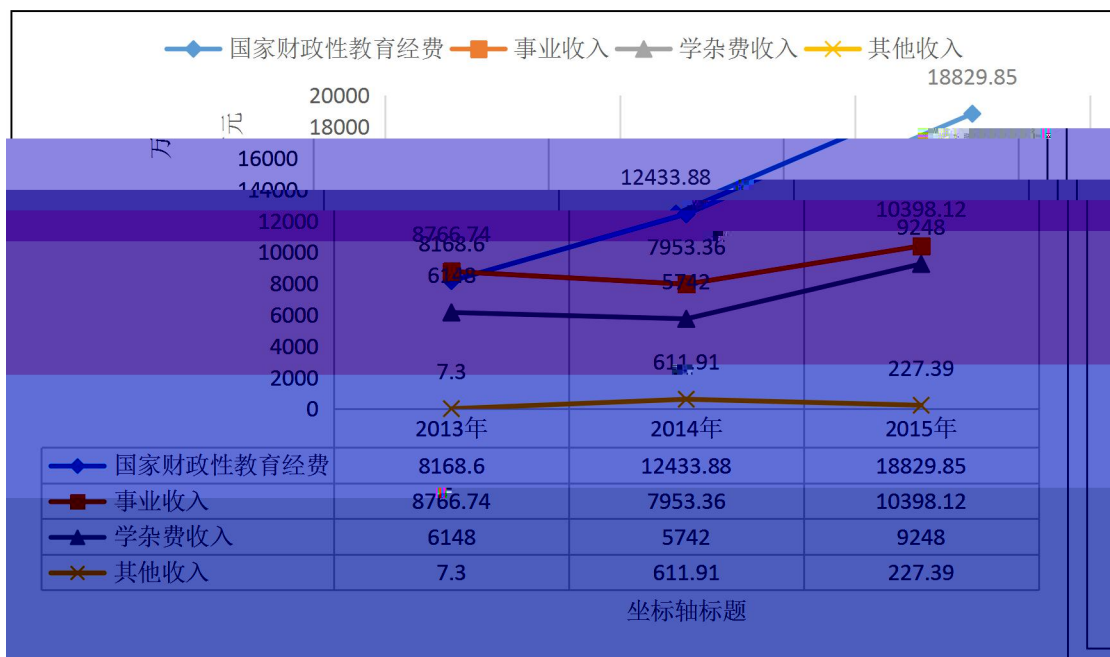
38703.36

11581



2015

		2014	2013	813.38	2015
10398.12	2014		2444.76		
	2014	2013	406	2015	9248
	3506		2014	2015	
	1-2				



2013-2015

23090.64

26741.15

3

≥4000

1-3



694713

112304

112304

11581

3353

4410 Mbps

1000 Mbps

9000

4800GB

39

1-1

3353	4410 Mbps		
1000 Mbps	9000	4800GB	39

" "

2064

" "

2064

11581

19

2-1

—

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1

2		
3		
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6		
7		
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12		
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14		
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16		
17		
18		
19		

2014 17.82%

18%

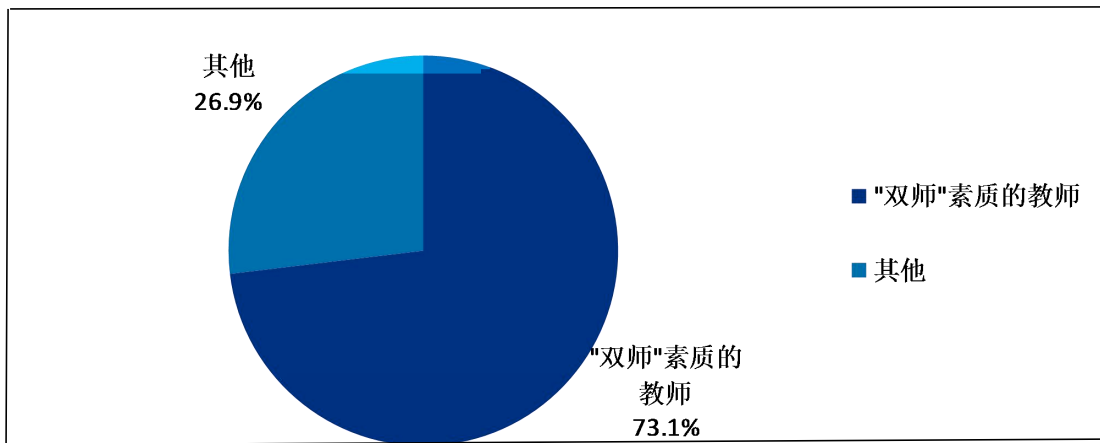
" "

" "

1

2

	"	"	"	"		
			"	"	394	539
			"	"		
2014	"	"			70.78%	2015
			"	"		
			"	"		73.10%



631 317.95

	562	251.95
	60	50
	9	16

" " A " + " B "

" C

A 1138 + B 760 C 462

2360 " " A 41389 "

+ " B 33683 C 43092 118164

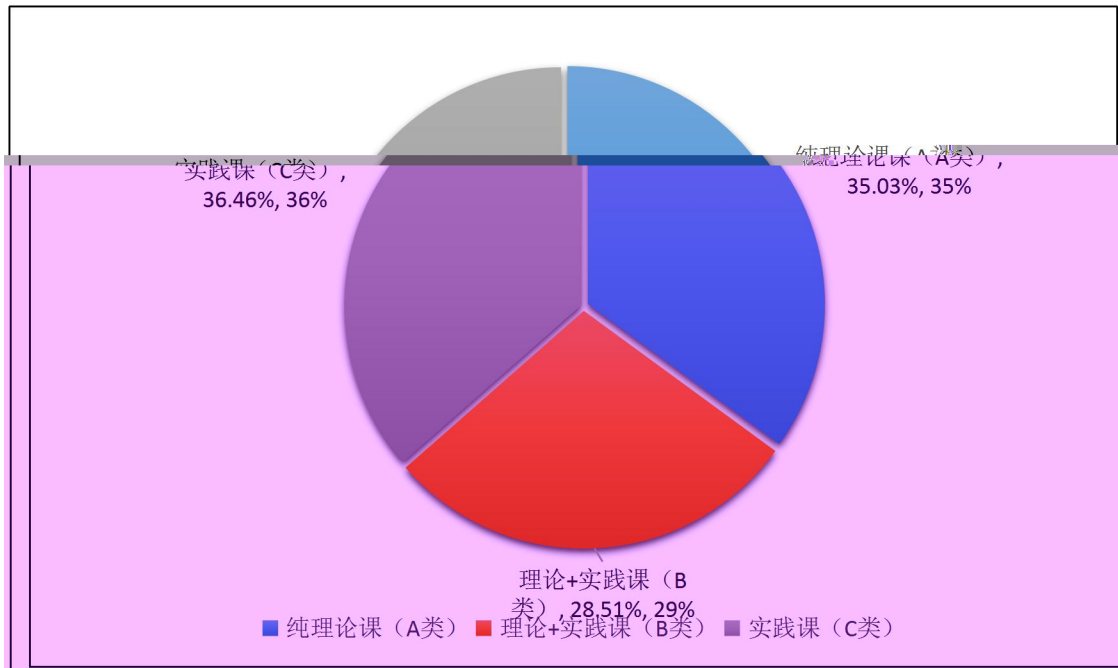
" " A " + " B

C

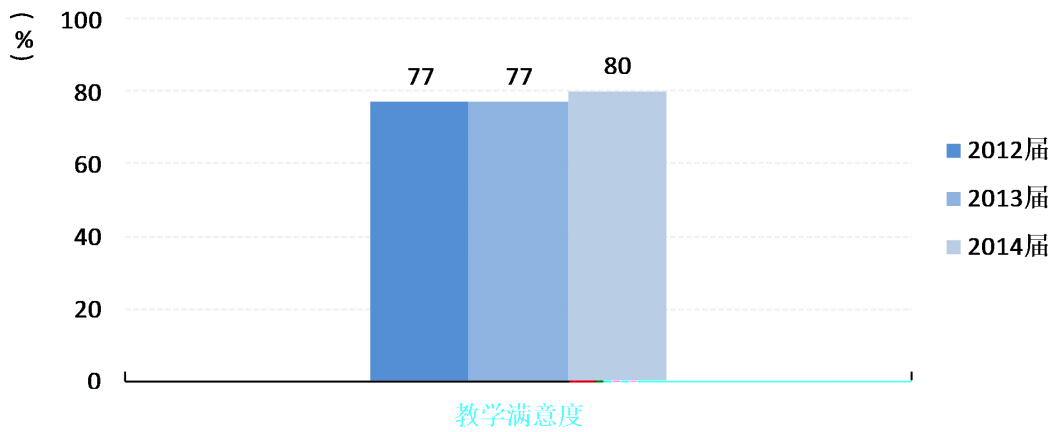
2-1

2-2

A	1138	41389	35.03
+ B	760	33683	28.51
C	462	43092	36.46



2014 80% 2013 77%
 2012 77% 3



2012—2014

2014

453420

" "

453420

11581

2012

2013

2014

PHP

NSO

TCL



661

11581

661

15

2013 433.79

2014

148.24

65.6

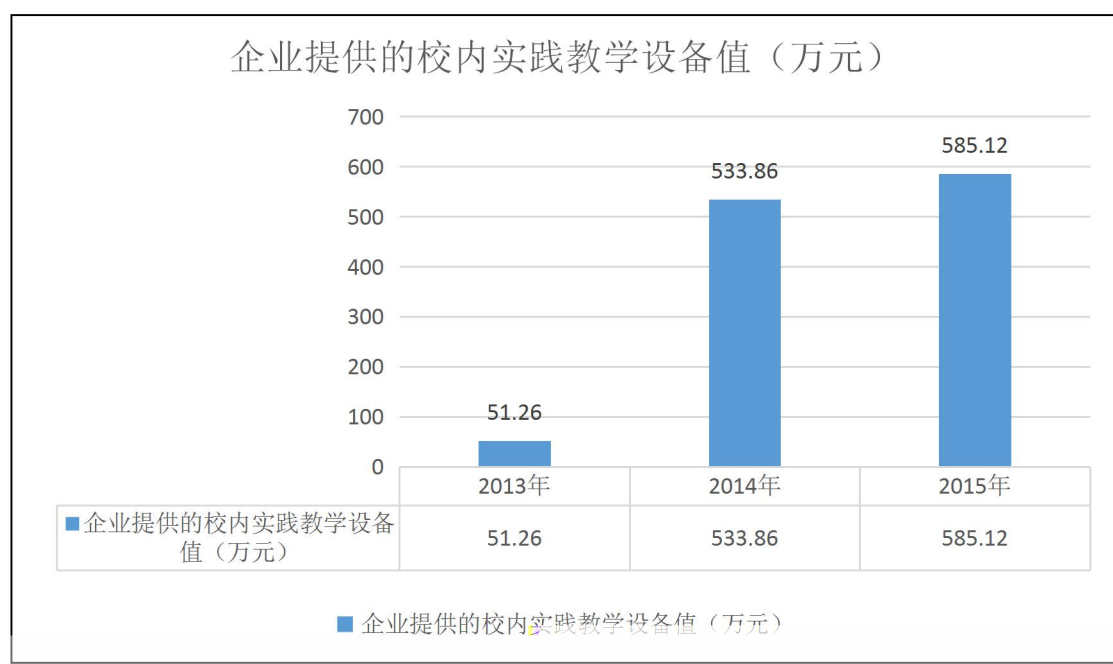
2013

51.26 2014

533.86

2015 2014 51.26 2014 2013 482.6

2015 2014 51.26 3-5



			%
	6	1678	14.49

3-2

3-2

)
			207
			1492
			669
			269
			158
			157
			149
			543
			129
			356
			44
			648
			428
			962
			286
			340
			136
			409
			98
			229
			235
			11
			44
			42
			26
			175
			125
			327
			120

		123
		175
		125
		273
		11
		14
		44
		42
		409
		327
		120
		363
		63
		158
		315
		133
		57
		450
		539
		26
		136

2013 9361 2800
 4671 2014 10161
 2540 3387
 2015 2011 1580 2240
 2013 105 200
 102 2014 891 460 875
 2015 3843 1420 1643

		2800	2540	1580
		4671	3387	2240
		9361	10161	2011
		200	460	1420
		102	875	1643
		105	891	3843

2013-2015 2635 2994 2075 2013-2015
 2839 3095 3861 2013-
 92.81% 96.74%

2013-2015

205

101

1781

2015

1781

	2839	3095	3861
	2635	2994	2075
	92.81%	96.74%	53.74%

2015

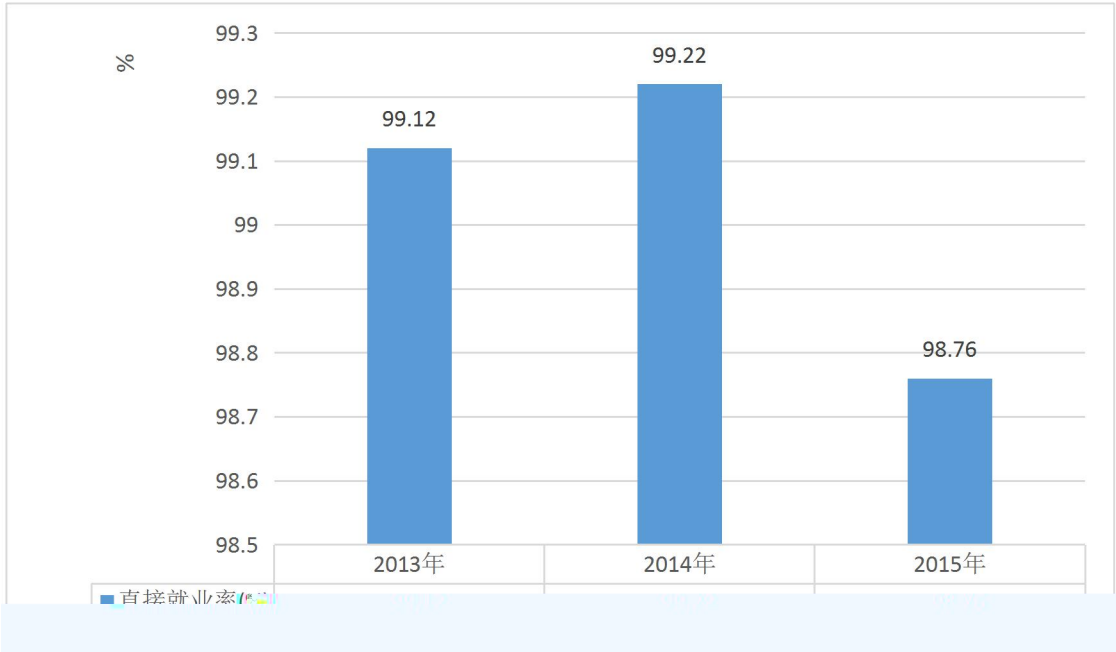
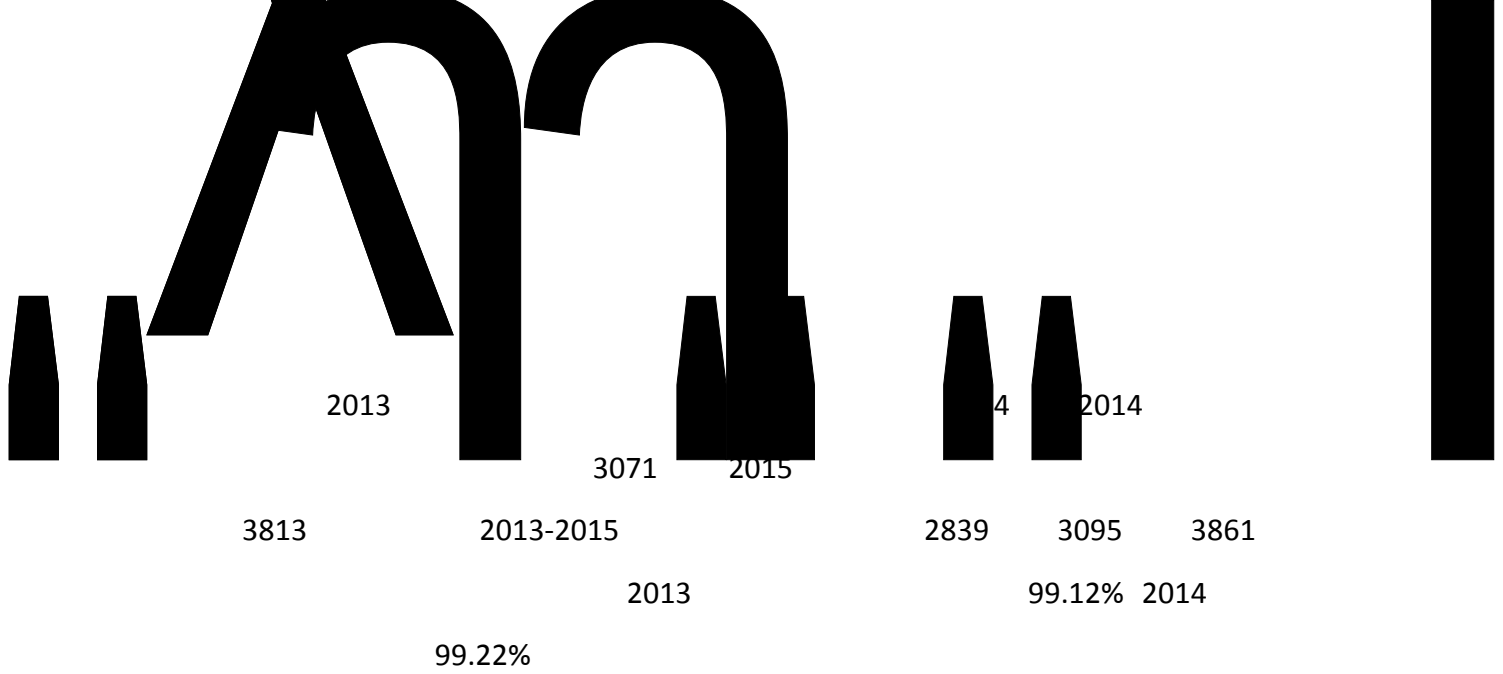
5258

3-7

			65
			124
			89
			9
	AutoCAD		18
			69
			22
			43
			219
			4
			105
			72
	BIM		18
			49
	BIM	BIM	2

			17
	AutoCAD		80
			93
			434
			89
			200
			23
	3D		136
			13
			4
			6
			20
			53
			92
	3DMAX		17
	FLASH		8
			15
			38
			21
			19
	IC3		27
			8
			31
			22
			23
			3
	IC3		18
			14
			16
			21
	BIM		31
			93
	BIM	BIM	3
			246
	BIM		2
			59
			54

	AutoCAD		160
	BIM		21
	BIM	BIM	2
			96
			67
			183
			32
			165
			34
			28
			23
			70
			63
			18
	IC3		18
	ITAT		8
			19
			1
			131
			36
			73
			161
			32
	Photoshop		90
	(AUTOCAD		146
			3
			2
			35
			84
			4
			199
			27
			116
			106
			12
			36



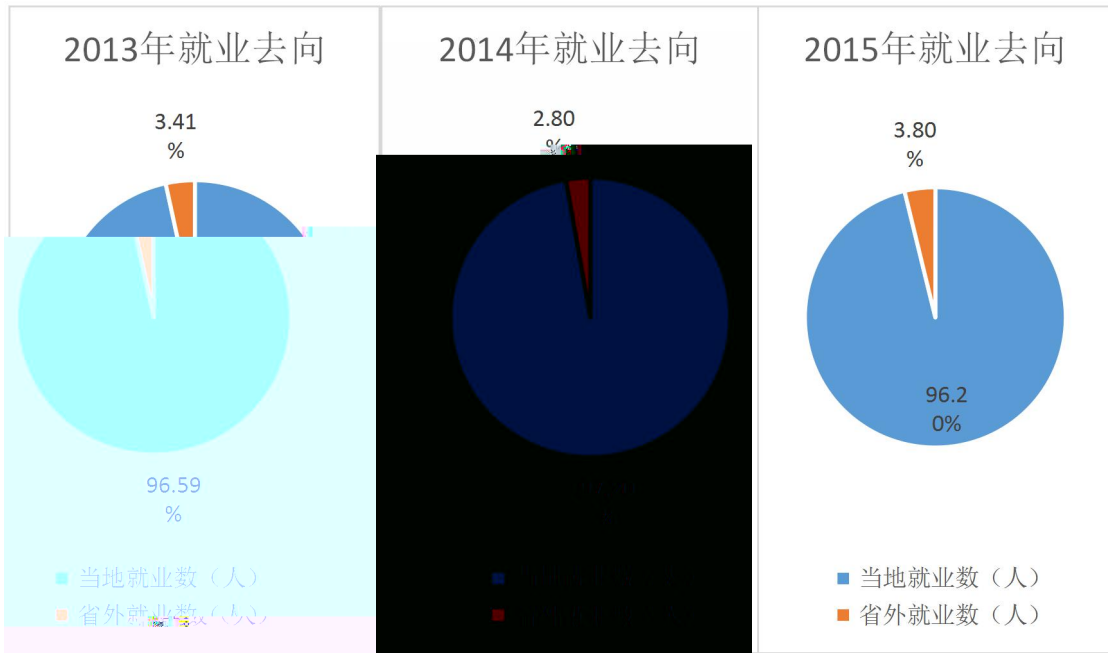
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\$Aœ@

	2718 96.59%	2985 97.20%	3668 96.20%
	2586 91.90%	2805 91.34%	3506 91.95%
	228 8.10%	266 8.66%	307 8.05%

		2013	
2718	2814	96.59%	2014
2985	3071	97.20%	
3668	3813		

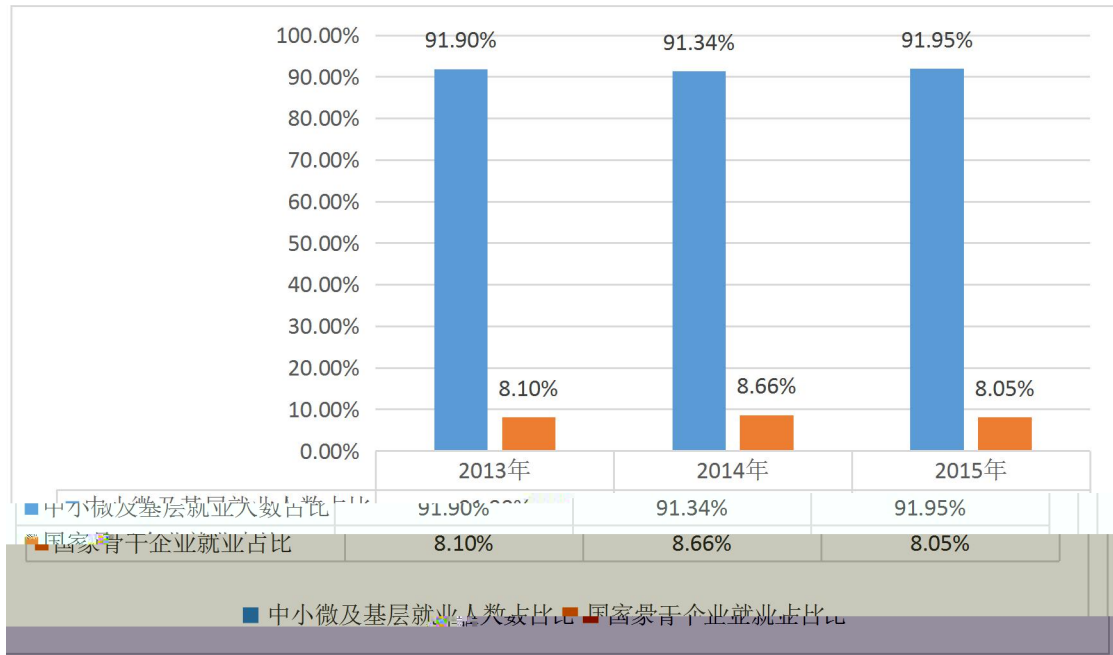
4-2



	4-4	2013	
2586	2814	91.90%	
228	2814	8.10%	2014
	2805	3071	
91.34	266	3071	
8.66%		3506	
3813		307	

3813

4-3



3135

3813

2014

1.5

42.05

5-1

1		2013.07
2	MOOC	2014.06
3		2013.09
4		2008.12
5		2012.12
6		2013.05
7	" "	2013.06
8		2013.06
9		2013.07
10		2013.08
11		2013.09
12		2013.09
13		2013.09
		2013.10
15	" "	2013.12
16	---	

27			2014.07
28			2014.07
29			2014.07
30			2014.07
31			2014.07
32			2014.08
33			2014.08
34			2014.08
35			2014.09
36	2014YB010	2014	2014.09
37	2014YB010	2014	2014.09
38	<<	>>	2014.09
39			2014.09
40			2014.10
41			2014.10
42			2014.10
43			2014.10
44			2014.10
45			2014.10
46			2014.11
47			2014.11
48			2014.12
49	2014		2014.12
50			2014.12
51			2014.12
52		-	2014.12
53	CGE		2014.12
54			2014.12
55			2014.12

56			2014.12
57			2014.12
58			2014.12
59			2015.01
60	2014JKDYY23 " " " " 2014		2015.01
61	2014JKDYY23 " " " " 2014		2015.01
62			2015.01
63	" "		2015.01
64	MOOC		2015.01
65			2015.02
66	—		2015.02
67	2014		2015.02
68	2014		2015.02
69			2015.02
70			2015.03
71			2015.03
72	2013B070206059		2015.03
73			2015.03
74			2015.03
75	2013B070206059		2015.03
76	2013B070206059		2015.03
77			2015.03
78			2015.03
79	BIM		2015.04
80	BIM		2015.04

81	" "		2015.04
82	" " --		2015.05
83	--		2015.05
84	2015 / " " 2015		2015.05
85	2015 /2015		

104	GDGZ14Y010		2014.10
105			2014.10
106			2015.05
107			
108			2014.10
109	DW2014014 2014	--	2014.11
110	DW2014003		2014.11
111	javascript		2009.05
112			2013.02
113			2013.03
114			2013.03
115	" "		2013.12
116			2013.12
117	BIM		2014.03
118			2014.04
119			2014.05
120	--		2014.05
121			2014.06
122			2014.06
123			2014.06
124			2014.06
125			2014.06
126	MOOC		2014.06
127			2014.07
128			2014.07
129			2014.07
130			2014.07

131			2014.07
132	GGJG2014B004	2014	2014.07
133	GGJG2014B005		2014.07
134			2014.07
135			2014.07
136	2014		2014.07
137			2014.07
138			2014.07
139			2014.07
140	" CAD"		2014.08
141	M.E -		2014.09
142	" " 90		2014.09
143			2014.09
144	—		2014.09
145			2014.09
146			2014.09
147			2014.09
148			2014.09
149			2014.09
150			2014.09
151			2014.09
152			2014.09
153			2014.09
154			2014.09
155	KY2014031		2014.09
156			2014.09
157	" "		2014.09
158			2014.09
159			2014.09
160	KY2014007		2014.10
161	" 3+2"		2014.10
162			2014.10

163

2008

2014

2013
120.35
5-2

35.56 2014

1			2014.12
2			2014.12
3	—	—	2011.11
4			2014.05
5			2014.09
6			2014.09
7		-	2014.10
8			2014.10
9			2014.10
10	MOOC		2014.12
11		---	2015.01
12			2015.01
13			2015.01
14			2015.03
15			2015.03
16			2015.05
17	" " —		2015.05
18		--	2015.05
19			2015.05
20			2014.10
21			2014.10
22			2013.08
23	WiFi		2014.01
24			2014.03
25			2014.04
26			2014.04
27			2014.04

28			2014.04
29			2014.05
30			2014.05
31			2014.05
32			2014.05
33		-	2014.06
34	" "		2014.06
35	WDT1150/1250		2014.06
36		—	2014.06
37			2014.06
38			2014.06
39		-	2014.07
40		-	2014.07
41	" "		2014.07
42	" "		2014.10
43	CDIO		2014.10
44			2014.10
45	" "		2014.10
46			2014.11
47			2014.12
48			2015.01
49			2015.01
50			2015.05
51			
52			

2014

124.79

23.6

2015-2016

5

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5-3

1	2015		
2	2015		
3	2015		
4	2015		
5	2016		

43.55

70.15

148.39

<p>1." " , 1 1 12 31 , 2014 1 1 2014 12 31 , "2014 " , "2014 " . 2.2014 2014 9 1 2015 8 31 . 3. " " , , 2013 2014 2015 , " , "" " , " 9 1 12 31 . 4. , 2015 9 1 . 5. , .</p>				
1.1			1.2	4144013930
1.3		()	1.4	
1.5				
1.6		18		510520
1.7				
		020- 38379573		
			/	2015 11
		adahl i u@scut. edu. cn		
1.8				
		13751740299		
		32869747@qq. com		
		2013	2014	2015
	1.9	8168.6	12433.88	18829.85

1. 10	0	0	0	
1. 11	51. 1	0	0	
1. 12	8766. 74	7953. 36	10398. 12	
: 1. 13	6148	5742	9248	
1. 14	7. 3	611. 91	227. 39	
1. 15	8168. 6	12433. 88	18829. 85	
1. 16	0	0	0	
1. 17	0	0	0	
1. 18	0	0	0	
1. 19	0	0	0	
1. 20	0	0	0	
1. 21	0	0	0	
1. 22	0	0	0	
1. 23	0	0	0	
1. 24	0	0	0	
1. 25	0	0	0	
1. 26	0	1. 5	43. 55	
1. 27	35. 56	120. 35	70. 15	
1. 28	0	124. 79	148. 39	
1. 29	0	0	0	
1. 30	4834. 2	5181. 89	6277. 63	
1. 31	51. 26	533. 86	585. 12	

1. 32	433. 79	148. 24	213. 84	
1. 33 Mbps	1. 34 (Mbps	1. 35 (	1. 36 ()	
4410	1000	3353	9000	
1. 37 (GB	1. 38 ()	1. 39	1. 40	
4800	39			
1. 41				
1. 42				
1. 43		1. 44		
694713		112304		
1. 45)	1. 46)	1. 47)	1. 48 2014)	
150	19	2064	453420	

88

"0".

- 3.
- 4.
- 31
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9 1

9 1

8

2015 9 1 .

2.14		2839	3095	3861	
2.15		32	38	42	
	2.16		2814	3071	3813
		2.17	93	83	99
		2.18	2718	2985	3668
		2.19	2586	2805	3506
		2.20	228	266	307
	2.21		2635	2994	2075
	2.22		205	101	1781
			10000	2014	10161

1. 2015 9 1 , .
2. , 2015 9 1 .
- 3.2014 2014 9 1 2015 8 31 .
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- 7." " : , " " , .

" " ; , () " "														
						20 14		2014						
)))		
1			560104	17	0	0	207	60	79	74	62	30	0	
2			660108	25	4	242	543	0	270	269	269	0	270	
3			660109	10	3	172	129	0	30	30	30	0	30	

4				660112		29	0	0	356	0	150	149	149	120	0
5				620507		2	0	0	44	0	0	0	0	0	0
6				670102		12	0	0	98	0	18	18	18	18	18
7				670103		17	5	800	229	0	30	30	30	30	0
8				560301		24	50	3690	1492	0	332	325	325	116	233
9				560502		10	34	2509	669	16	289	286	280	69	227
10				560101		7	18	1328	269	0	160	158	156	126	34

11				560401		5	21	1550	158	2	0	0	0	0	0
12				560105		3	4	296	149	0	47	44	44	39	8
13				620301		30	41	4960	648	0	188	187	178	0	188
14				620201		20	36	3426	428	0	160	158	145	0	160
15				620204		34	58	4852	962	0	503	497	485	0	503
16				520104		5	7	662	235	75	105	105	102	102	32
17				580103		7	9	516	279	10 5	63	62	55	63	22

18				580106		6	6	471	123	90	60	60	43	60	20
19				590201		7	4	346	175	45	75	73	28	35	11
20				590202		4	5	379	125	20	38	38	30	38	15
21				580202		8	6	510	273	60	0	0	0	0	0
22				520116		0	0	0	11	0	0	0	0	0	0
23				580408		1	4	200	14	5	0	0	0	0	0

24				550212		4	0	0	44	0	0	0	0	0	0
25				550315		4	0	0	42	0	0	0	0	0	0
26				620503		15	5	388	286	0	184	183	141	184	0
27				620405		16	2	104	340	56	74	73	50	74	0
28				620505		18	12	260	409	20	171	168	168	171	0
29				560702		12	5	198	157	10 7	28	28	22	28	0
30				590103		9	3	162	327	0	50	49	32	47	0
31				590110		6	2	108	120	0	51	49	41	46	0

32				590102		12	5	280	363	0	79	79	50	79	0
33				590121		8	0	0	63	0	0	0	0	0	0
34				590301		5	2	280	158	0	73	72	50	72	10
35				590108		10	4	174	315	0	142	142	108	116	0
36				590101		7	6	292	133	0	44	44	44	44	0
37				590129		9	2	40	57	0	0	0	0	0	0

38				580201		7	2	108	450	0	191	188	0	191	0
39				580214		17	4	288	539	0	177	175	0	177	0
40				550105		4	2	108	26	0	0	0	0	0	0
41				620111		6	0	0	136	0	0	0	0	0	0