



# **2017-2018 学年专业人才培养状况报告 (高职)**

**2018年12月**

|       |     |
|-------|-----|
| ..... | 1   |
| ..... | 2   |
| ..... | 10  |
| ..... | 19  |
| ..... | 27  |
| ..... | 33  |
| ..... | 40  |
| ..... | 46  |
| ..... | 54  |
| ..... | 63  |
| ..... | 70  |
| ..... | 76  |
| ..... | 84  |
| ..... | 89  |
| ..... | 95  |
| ..... | 104 |
| ..... | 113 |
| ..... | 121 |
| ..... | 126 |
| ..... | 132 |
| ..... | 141 |
| ..... | 149 |
| ..... | 158 |
| ..... | 166 |
| ..... | 178 |
| ..... | 192 |
| ..... | 200 |
| ..... | 206 |
| ..... | 217 |
| ..... | 224 |
| ..... | 230 |
| ..... | 241 |
| ..... | 244 |

|       |     |
|-------|-----|
| ..... | 250 |
| ..... | 255 |
| ..... | 262 |
| ..... | 269 |

2017-2018

|      |      |      |      |
|------|------|------|------|
|      | 1998 |      | 2002 |
| 2008 |      |      |      |
|      |      | 20   |      |
| 2017 |      |      |      |
|      |      | 2017 | 1000 |
|      | 2018 | 3    | 29   |
|      |      |      | 2018 |
|      |      |      | 8    |
|      |      |      | 2    |

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|  |  | MIS | -> -> -> -><br>-> -> |
|  |  |     | -> -> CMOS -><br>->  |
|  |  |     | -> ->                |
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| 2016 | 2017 | 2018 |     |
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| 166  | 235  | 270  | 671 |

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|  |       |    |     |     |    |       |     |     |     |      |
|  |       |    |     |     |    |       |     |     |     |      |
|  | 304   | 96 | 400 | 288 | 48 | 486   | 192 | 600 | 240 | 2654 |
|  | 1136  |    |     |     |    | 1518  |     |     |     |      |
|  | 42.8% |    |     |     |    | 57.2% |     |     |     |      |

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2016

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|          | 2016         | 2017         | 2018       |          |
|----------|--------------|--------------|------------|----------|
|          | 1,870,091.40 | 2,189,619.62 | 3326853.73 | 1,646.21 |
| 1,927.48 | 2083.19      |              |            |          |

2.

|      | 2015 |   |
|------|------|---|
| 1500 | ICT  | 5 |
|      | 2800 |   |

|      |      |
|------|------|
| 2000 | 2300 |
| 15   |      |

|  | 2012 | 2014 |
|--|------|------|
|  | 2015 | ICT  |

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|    |    |    |   |       |
|----|----|----|---|-------|
|    |    | 32 | 2 | 6     |
| 5  | 19 |    |   | 40.6% |
| 2  | 18 | 3  |   | 75%   |
| 35 | 13 | 40 |   |       |

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|      |    |      |      |      |   |      |
|------|----|------|------|------|---|------|
|      |    |      | 10   |      |   |      |
|      | EI | ISTP |      |      |   | 80   |
|      |    |      |      | 35   | 2 |      |
|      | 3  |      |      |      |   |      |
|      |    |      |      | 2016 | 3 |      |
|      |    |      | 2017 | 1    |   |      |
| 2018 | 1  |      |      |      |   |      |
|      |    |      |      |      |   | 2016 |
|      | 5  | 2017 | 2    |      |   | 2018 |
|      | 2  |      |      |      |   |      |
|      | 4  | -    | ICT  |      |   |      |
|      |    | 2016 | 7-8  |      |   |      |
| 4.   |    |      |      |      |   |      |
| 2016 |    |      |      |      |   |      |
|      |    |      |      |      |   |      |
| 2016 |    |      |      |      |   |      |
|      |    |      |      | 2018 |   |      |
|      |    |      |      |      |   |      |
| 5.   |    |      |      |      |   |      |
|      |    |      |      |      | - | ICT  |
|      |    |      |      |      |   |      |
|      |    |      |      |      |   |      |

IT

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2018 6  
89

92.7%

2015 96  
100%

96  
90%

2016

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|  |  |  | -> -><br>->           |

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2016

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|          | 2016         | 2017         | 2018       |          |
|----------|--------------|--------------|------------|----------|
|          | 1,870,091.40 | 2,189,619.62 | 3326853.73 | 1,646.21 |
| 1,927.48 | 2083.19      |              |            |          |

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35

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EI ISTP

80

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2016 3

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2016 7-8

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2016

2016

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- ICT

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IT

2.5+0.5

2018 6  
25

83.3%

2015 30  
100%

30  
92%

2016

2016

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2017

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2016      2017      2018      3

319      1

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| 2016 | 2017 | 2018 |     |
|------|------|------|-----|
| 64   | 157  | 199  | 420 |

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WEB

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|  |         |      |      |         |     |    |    |         |  |
|--|---------|------|------|---------|-----|----|----|---------|--|
|  |         |      |      |         |     |    |    |         |  |
|  | 486     | 304  | 182  | 17.99%  | 28  | 19 | 9  | 19.31%  |  |
|  | 448     | 384  | 64   | 16.58%  | 28  | 24 | 4  | 19.31%  |  |
|  | 544     | 320  | 224  | 20.13%  | 34  | 20 | 14 | 23.45%  |  |
|  | 96      | 96   |      | 3.55%   | 6   | 6  | 0  | 4.14%   |  |
|  | 96      | 96   |      | 3.55%   | 6   | 6  | 0  | 4.14%   |  |
|  | 1032    |      | 1032 | 38.19%  | 43  | 0  | 43 | 29.66%  |  |
|  | 2702    | 1200 | 1502 | 100.00% | 145 | 75 | 70 | 100%    |  |
|  | 48.28 % |      |      |         |     |    |    | 55.59 % |  |

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2016



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3326853.73

2018 10 ,  
2083.19

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GPU 11520 GPU 3000  
600TB  
45 Infini Xda a  
Infini Mining

Infini Xda a

65 Infini Xda a  
Infini Mining

Infini Xda a HIVE PIG

55 Infini Xda a  
Infini In igh

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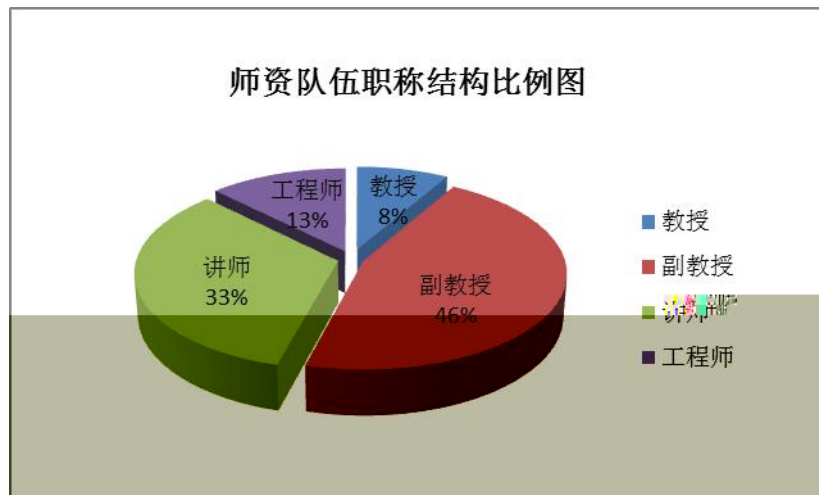
21

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11

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2017

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|      |   |     |      |
|------|---|-----|------|
| 2018 |   | 144 | 100% |
| 85%. | + |     |      |

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|  | LTE |
|  |     |

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|--|------|------|------|--------|-----|----|----|--------|
|  |      |      |      |        |     |    |    |        |
|  | 470  | 304  | 166  | 18.32% | 29  | 19 | 10 | 20.86% |
|  | 416  | 288  | 128  | 16.21% | 26  | 18 | 8  | 18.71% |
|  | 432  | 316  | 116  | 16.84% | 27  | 20 | 7  | 19.42% |
|  | 144  | 96   | 48   | 5.61%  | 9   | 6  | 3  | 6.47%  |
|  | 96   | 96   | 0    | 3.74%  | 6   | 6  | 0  | 4.32%  |
|  | 1008 | 0    | 1008 | 39.28% | 42  | 0  | 42 | 30.22% |
|  | 2566 | 1100 | 1466 | 100%   | 139 | 69 | 70 | 100%   |
|  |      |      |      | 50.4%  |     |    |    | 57.1%  |

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2016

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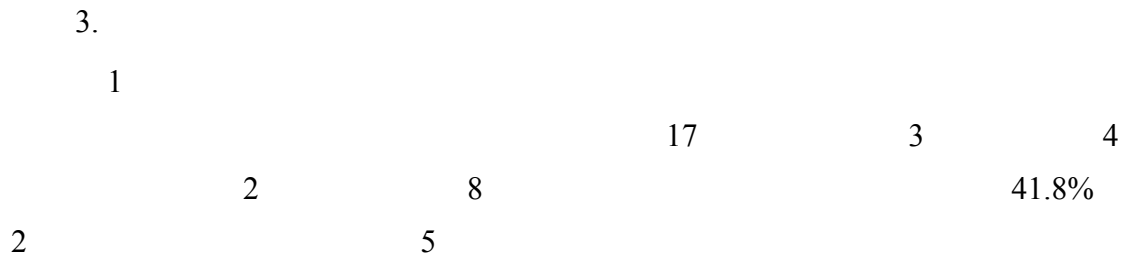
|              |              |  |          |          |              |
|--------------|--------------|--|----------|----------|--------------|
|              |              |  |          |          | 2015         |
| 2016         | 2017         |  |          |          | 1,454,458.62 |
| 1,870,091.40 | 2,189,619.62 |  | 1,610.70 | 1,646.21 | 1927.48      |

2.

|      |      |  |      |      |
|------|------|--|------|------|
|      |      |  | 2005 |      |
|      |      |  |      | 2012 |
|      | 2014 |  |      | 2015 |
|      |      |  | 1500 | ICT  |
| 2017 |      |  |      | 1500 |



4G LTE



2015

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2016

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ICT

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2018 6

2015

16

100%

100%.

16

100%

2016

2016

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ICT

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PLC

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WTO

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2007 9

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2010

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2018 3

2018

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1 2018

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|--|------|------|------|-----|
|  | 2016 | 2017 | 2018 |     |
|  | 177  | 136  | 162  | 475 |

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2598

1171

45.1%

1427

54.9%

2

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|  |       |    |     |    |       |     |     |     |      |
|--|-------|----|-----|----|-------|-----|-----|-----|------|
|  |       |    |     |    |       |     |     |     |      |
|  |       |    |     |    |       |     |     |     |      |
|  | 352   | 96 | 627 | 96 | 323   | 264 | 648 | 192 | 2598 |
|  | 1171  |    |     |    | 1427  |     |     |     |      |
|  | 45.1% |    |     |    | 54.9% |     |     |     |      |

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1.

|         |         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|---------|
| 2012    |         |         | 1467.97 | 2013    |         |         |
| 1588.51 | 2014    |         |         | 1662.18 | 2015    |         |
|         | 1684.64 | 2016    |         |         | 1688.04 | 2017    |
|         |         | 1838.93 | 2018    |         |         | 1855.42 |

2.

|      |        |      |        |               |
|------|--------|------|--------|---------------|
|      |        | 21   | 1805.4 | 2016.9-2017.9 |
|      | 110.38 |      |        |               |
| 2017 |        | 1000 |        |               |
|      | 700    |      |        |               |

CAD

3.

|    |    |   |
|----|----|---|
| 30 | 18 | 2 |
|----|----|---|

26 35 13 36-55 13 56 4  
1 85%

100%

4.

5. 2017

100% 17-18

1. 2011 2+1 2+1

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CAD

2+1

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2017

85%

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2018

97.98%

95%

3000

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90%

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CAD/CAM

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CAD/CAM

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CAD/CAM

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2004

2005

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2010

CAD/CAM

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3 38

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|--|------|------|------|----|
|  | 2016 | 2017 | 2018 |    |
|  | 12   | 13   | 13   | 38 |

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2790

1171

42%

1619

58%

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320

96

627

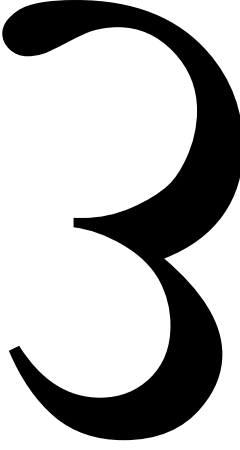
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|         |         |         |         |         |         |      |
|---------|---------|---------|---------|---------|---------|------|
| 2012    |         |         | 1467.97 | 2013    |         |      |
| 1588.51 | 2014    |         |         | 1662.18 | 2015    |      |
|         | 1684.64 | 2016    |         |         | 1688.04 | 2017 |
|         |         | 1838.93 | 2018    |         | 1855.42 |      |



4.

2017

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100%

17-18

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2016

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2018

98.77%

2017

96%

17

85.63%

2.

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2003

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2018

79

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|  | 2016 | 2017 | 2018 |    |
|--|------|------|------|----|
|  | 16   | 17   | 46   | 79 |

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2018

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2598

1264

48.6%

1334

51.4%

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2 2018

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|--|---------|---------|---------|
|  | 2015    | 2016    | 2017    |
|  | 1684.64 | 1838.93 | 1855.42 |

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|     |  |  |              |       |    |        |
|-----|--|--|--------------|-------|----|--------|
|     |  |  |              |       |    |        |
|     |  |  | TDS1001C-EDU | 0.43  | 12 | 4.3    |
|     |  |  | CSY-998      | 0.705 | 12 | 8.46   |
|     |  |  | Y610L        | 1.438 | 10 | 14.38  |
| PLC |  |  | DGJ-1        | 1.095 | 15 | 16.425 |
|     |  |  | XJ4316B      | 0.124 | 15 | 1.86   |
|     |  |  | SR-71A       | 0.175 | 35 | 6.125  |
|     |  |  | EE1051       | 0.15  | 10 | 15     |
|     |  |  | THSMS-1      | 0.495 | 30 | 14.85  |
|     |  |  | 8716B        | 0.18  | 1  | 0.18   |
|     |  |  | HT-802       | 3.2   | 1  | 3.2    |
|     |  |  | HDX801       | 0.45  | 1  | 0.45   |
|     |  |  | DS1104Z      | 0.45  | 1  | 0.45   |
|     |  |  | AT810        | 0.28  | 1  | 0.28   |
|     |  |  | DSA1030      | 2     | 1  | 2      |

|  |  |            |                     |       |    |       |
|--|--|------------|---------------------|-------|----|-------|
|  |  |            | NW3000              | 1     | 1  | 1     |
|  |  |            | ZC4116              | 0.6   | 1  | 0.6   |
|  |  |            | WY2282              | 0.6   | 1  | 0.6   |
|  |  | ( )        | EE1410              | 0.18  | 1  | 0.18  |
|  |  |            | DG1032Z             | 0.3   | 1  | 0.3   |
|  |  |            | THBDC-1             | 1.59  | 15 | 15.9  |
|  |  | FMS1000    | FMS1000             | 89.9  | 1  | 89.9  |
|  |  |            | XD2011              | 4     | 3  | 12    |
|  |  |            | THLZD-2             | 13.75 | 2  | 27.5  |
|  |  |            | QSGPD-GG2B          | 10.03 | 2  | 20.06 |
|  |  |            | DJDK-1              | 3.3   | 5  | 16.5  |
|  |  |            | TBS1102B-EDU        | 0.5   | 5  | 2.5   |
|  |  |            | DLWD-ETBE24<br>D730 | 1.45  | 15 | 21.75 |
|  |  |            | TS5803              | 6.5   | 1  | 6.5   |
|  |  |            | AIC7200             | 10.1  | 1  | 10.1  |
|  |  |            | AIC1240             | 0.4   | 1  | 0.4   |
|  |  |            | AIC1600             | 2.1   | 1  | 2.1   |
|  |  |            | AIC5808             | 35.6  | 1  | 35.6  |
|  |  |            | AIC3630             | 2.98  | 1  | 2.98  |
|  |  |            | EMPATH              | 31.2  | 1  | 31.2  |
|  |  |            | SV33A               | 0.15  | 1  | 0.15  |
|  |  |            | SVAN971             | 3.0   | 1  | 3.0   |
|  |  |            |                     | 45.88 | 1  | 45.88 |
|  |  |            |                     | 30.1  | 5  | 150.5 |
|  |  |            | DELL E2318H         | 0.4   | 6  | 2.4   |
|  |  | LEARNTOP-L | D:LEARNTOP-L        | 0.18  | 1  | 0.18  |
|  |  |            | D:ACC-PKPL-11<br>00 | 0.49  | 1  | 0.49  |

|     |  |          |        |       |   |       |
|-----|--|----------|--------|-------|---|-------|
| MPS |  |          | E2318H | 0.4   | 7 | 2.8   |
|     |  | MPS1     | MPS1   | 153.7 | 1 | 153.7 |
|     |  | MPS2     | MPS2   | 141.6 | 1 | 141.6 |
|     |  | 4.0CPlab | CPlab  | 164.3 | 1 | 164.3 |

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|  | 2013 | 50 |         |
|  | 2011 | 50 | 1.2344e |

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2016

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|------|------|-----|------|
| 1.   |      |     |      |
| 2018 | 22   | 22  | 100% |
| 100% | 100% | 80% |      |
| 2.   |      |     |      |
|      | 18   |     |      |
| 3.   |      |     |      |
| 97%  |      |     |      |
| 4.   |      |     |      |
|      | 2018 |     |      |
| 5.   |      |     |      |

3000

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|  |  | 1.<br>2.<br>3.<br>4.<br>5. |
|  |  | 1.<br>2.<br>3.<br>4.<br>5. |

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|  |  | 1.<br>2.<br>3.<br>4.             |
|  |  | 1.<br>2.<br>3.<br>4.<br>5.<br>6. |
|  |  | 1.<br>2.<br>3.<br>4.<br>5.<br>7. |
|  |  | 1.<br>2.<br>3.<br>4.<br>5.<br>6. |

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2005 9

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|  | 2016 | 2017 | 2018 |     |
|--|------|------|------|-----|
|  | 170  | 136  | 153  | 459 |

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141

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57

2015

|          |       |         |      |      |            |     |
|----------|-------|---------|------|------|------------|-----|
| 1.       |       |         |      |      |            |     |
| 2013     |       | 200     | 2015 |      |            |     |
|          |       | 100     | 2017 |      | 2501088.87 |     |
|          |       | 1851.29 |      |      |            |     |
| 2.       |       |         |      |      |            |     |
|          |       |         |      | 16   | 697        |     |
| 316.5433 |       |         |      |      |            |     |
|          | 220   |         | 130  |      | 90         |     |
| 2000     |       | CNKI    |      | 4502 |            |     |
|          | 12000 |         | 2000 |      |            | 7   |
|          | 5     |         |      |      | VIP        |     |
|          |       |         |      | 4    |            | 1.8 |
|          | 18075 |         | 40   |      | 3239       |     |
| 63       | 3176  |         | 7    |      |            |     |
| 3.       |       |         |      |      |            |     |
|          | 24    |         | 20   |      |            | 10  |
|          |       | 2       | 10   |      |            |     |
|          | 55    |         |      |      | 100%       |     |

2016

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2018

100%

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2.5+0.5

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1.  
 2018 458 130  
 130 100%

4 2018

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|-----|----|---|---|---|----|---|---|-----|------|
|     |    |   |   |   |    |   |   |     |      |
| 130 | 31 | 0 | 3 | 1 | 92 | 3 | 0 | 130 | 100% |

5 2018

|     |    |        |   |       |    |        |   |       |
|-----|----|--------|---|-------|----|--------|---|-------|
|     |    |        |   |       |    |        |   |       |
|     |    |        |   |       |    |        |   |       |
|     |    |        |   |       |    |        |   |       |
| 130 | 26 | 20.00% | 1 | 0.77% | 97 | 74.63% | 0 | 0.00% |

6 2018

|     |    |    |    |   |        |
|-----|----|----|----|---|--------|
|     |    |    |    |   |        |
| 130 | 78 | 20 | 25 | 7 | 75.38% |

95% 2018

100%.  
 2018 97%

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135

|        |        |        |        |
|--------|--------|--------|--------|
| 34     | 25.19% | 24     | 17.78% |
| 12.59% | 12     | 8.89%  | 48     |
|        |        | 55.16% | 17     |
|        |        |        | 35.56% |

4.

1.

2    3

2    2012-2017

|  | 2012       | 2013    | 2014    | 2015       | 2016        | 2017       |
|--|------------|---------|---------|------------|-------------|------------|
|  | 3270828.73 | 4640245 | 4359157 | 3886918.19 | 2,859632.20 | 2501088.87 |

3    2012-2017

|  | 2012    | 2013    | 2014    | 2015    | 2016     | 2017    |
|--|---------|---------|---------|---------|----------|---------|
|  | 1342.15 | 1577.24 | 1641.25 | 1661.08 | 1,693.09 | 1742.55 |

2.

4

4

|  |  | 2007 | 115.72 |
|--|--|------|--------|
|  |  | 2007 | 67.04  |
|  |  | 2007 | 93.89  |

|  |      |      |
|--|------|------|
|  | 2007 | 9.74 |
|  | 2007 | 0.00 |
|  | 2007 | 2.77 |
|  | 2007 | 0.06 |
|  | 2007 | 2.34 |
|  | 2007 | 0.73 |
|  | 2007 | 0.69 |

3.

9

30

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2017

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2017

2.5+0.5

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2.5+0.5

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2017

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2018

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31

37

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100%

90%,

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2016 13 2017 20 2018 26

58

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2017

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1 2

1 2012-2017

|  | 2012       | 2013    | 2014    | 2015       | 2016        | 2017       |
|--|------------|---------|---------|------------|-------------|------------|
|  | 3270828.73 | 4640245 | 4359157 | 3886918.19 | 2,859632.20 | 2501088.87 |

2 2012-2017

|  | 2012    | 2013    | 2014    | 2015    | 2016     | 2017    |
|--|---------|---------|---------|---------|----------|---------|
|  | 1342.15 | 1577.24 | 1641.25 | 1661.08 | 1,693.09 | 1742.55 |

2.

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3

|  |  | 2007 | 115.72 |
|--|--|------|--------|
|  |  | 2007 | 67.04  |
|  |  | 2007 | 93.89  |
|  |  | 2007 | 9.74   |
|  |  | 2007 | 0.00   |
|  |  | 2007 | 2.77   |
|  |  | 2007 | 0.06   |
|  |  | 2007 | 2.34   |
|  |  | 2007 | 0.73   |

|  |  |      |      |
|--|--|------|------|
|  |  | 2007 | 0.69 |
|--|--|------|------|

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32.7%

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|  | 2016 | 2017 | 2018 |     |
|--|------|------|------|-----|
|  | 49   | 76   | 90   | 215 |

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2018

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|  |      |     |      |      |     |    |    |      |
|--|------|-----|------|------|-----|----|----|------|
|  |      |     |      |      |     |    |    |      |
|  | 342  | 176 | 166  | 14%  | 21  | 11 | 10 | 16%  |
|  | 704  | 392 | 244  | 30%  | 42  | 25 | 17 | 32%  |
|  | 432  | 220 | 212  | 18%  | 27  | 14 | 13 | 21%  |
|  | 96   | 48  | 48   | 4%   | 6   | 3  | 3  | 4%   |
|  | 96   | 96  | 0    | 4%   | 6   | 6  | 0  | 4%   |
|  | 720  | 0   | 720  | 30%  | 30  | 0  | 30 | 23%  |
|  | 2390 | 932 | 1390 | 100% | 132 | 59 | 73 | 100% |
|  |      |     |      | 55 % |     |    |    | 52 % |

4.

2018

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2018

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2016

721,816.87

2017

723220.51

2018

3 2012-2017

|  | 2012    | 2013    | 2014    | 2015    | 2016    | 2017    | 2018    |
|--|---------|---------|---------|---------|---------|---------|---------|
|  | 1187.97 | 1420.18 | 1557.07 | 1563.47 | 1569.17 | 1572.22 | 1580.21 |

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|  |  | 36 |  |  |  |  |
|  |  | 40 |  |  |  |  |
|  |  | 33 |  |  |  |  |
|  |  | 30 |  |  |  |  |
|  |  | 31 |  |  |  |  |
|  |  | 26 |  |  |  |  |

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| 1.2018 |    |      |   |    |
| 2018   |    | 51   | 1 | 28 |
| 1      | 21 | 100% |   |    |
| 2.     |    |      |   |    |

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2010-2020

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|--|------|-----|------|--------|-----|----|----|--------|
|  |      |     |      |        |     |    |    |        |
|  | 342  | 176 | 166  | 13.58% | 21  | 11 | 10 | 14.89% |
|  | 1024 | 572 | 452  | 40.66% | 64  | 36 | 28 | 45.71% |
|  | 224  | 112 | 112  | 8.89%  | 14  | 7  | 7  | 10%    |
|  | 64   | 16  | 48   | 2.54%  | 4   | 1  | 3  | 2.86%  |
|  | 96   | 96  | 0    | 3.81%  | 6   | 6  | 0  | 4.29%  |
|  | 768  | 0   | 768  | 30.50% | 32  | 0  | 32 | 22.86% |
|  | 2518 | 972 | 1546 | 100%   | 141 | 61 | 80 | 100%   |

1.

|         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|
|         | 2012    | -2017   |         | 1187.97 | 1420.18 |
| 1557.07 | 1563.47 | 1569.17 | 1572.22 |         |         |

2.

3.

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|---|---|---|-----|
|   | 7 |   | 6   |
| 6 |   | 1 | 80% |

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|        |      |   |     |
|--------|------|---|-----|
| 1.2018 |      | 9 | 90% |
| 89%    | 90%  |   |     |
| 2.     |      |   |     |
|        | 2018 |   |     |
|        | 90%  |   | 90% |

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2018 10 30 2017 12

2018 18 30

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|  |       |    |      |    |       |     |     |   |      |
|  |       |    |      |    |       |     |     |   |      |
|  | 342   | 96 | 1280 | 64 | 738   | 288 | 480 | 0 | 3288 |
|  | 1782  |    |      |    | 1506  |     |     |   |      |
|  | 54.1% |    |      |    | 45.8% |     |     |   |      |

1.

2015 -2017 1563.47 1572.22

1580.21

2.

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3                      4                      1                      2                      75%

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91

|        |     |         |         |
|--------|-----|---------|---------|
| 1.2018 | 10  | 10      | 100%    |
|        | 79% | 90%     |         |
| 2.     |     |         |         |
|        |     |         | 2018 50 |
|        |     |         | 75%     |
|        |     | 25%     |         |
|        | 83% |         | 17%     |
|        |     |         | 75% 68% |
|        |     | 21% 26% |         |
|        | 73% |         | 70%     |
|        |     |         | 80%     |
|        |     | 60%     |         |
| ,      |     | 70%     |         |
|        | 80% |         |         |
|        | 83% |         | 63%     |
|        |     |         |         |
|        | 87% |         | 7%      |
|        |     | 90%     |         |
| 83%    |     | 13%     |         |
|        | 73% |         | 13%     |

93%

6%

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50%

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40

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|  |  |  |    |        |
|  |  |  | VF |        |
|  |  |  |    | PETS-2 |
|  |  |  |    |        |
|  |  |  |    |        |
|  |  |  |    |        |
|  |  |  |    |        |
|  |  |  |    |        |
|  |  |  |    |        |
|  |  |  |    |        |
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1.

2002

2008                      2009

                                 2014

                                 2016

2.

646    2018                      227

2

|      |     |
|------|-----|
|      |     |
| 2016 | 238 |
| 2017 | 271 |
| 2018 | 184 |

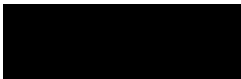
3.

4.

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| 2018.06 |  |  |

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 2018 4850598.42 1655.49  
 2017 1655.49  
 2.

15 700 2.9 231  
 11

|   |   |      |                  |         |   |          |        |            |
|---|---|------|------------------|---------|---|----------|--------|------------|
| 1 | VBSE<br>102   | VBSE | 48<br>62LED<br>6 | 4       | 2 | 31<br>90 | 2<br>2 | 1895905.00 |
| 2 | 103   |      |                  | 1       | 1 | 16       | 1      | 239265.00  |
| 3 | 104   |      |                  | 1       | 1 | 17       | 2      | 123913.26  |
| 4 | 107   |      | 7                | 1       | 2 |          | 1      | 214855.92  |
| 5 | 108   |      | 26               | IC<br>1 | 1 | 1        | 1<br>5 | 616448.30  |
| 6 | 203   |      |                  | 2       | 1 | 1        | 1      | 80630.00   |
| 7 | 204   |      | 61               | 2       | 1 |          | 1      | 80095.92   |
| 8 | 205   |      |                  | 1       | 1 | 55       | 2      | 794114.13  |
| 9 |  |      |                  | 1       | 1 | 1        | 1<br>8 | 370335.00  |

|    |     |             |    |    |            |
|----|-----|-------------|----|----|------------|
|    |     |             | 27 | 1  |            |
| 10 | 209 |             | 1  | 1  | 1          |
| 11 | 303 | V3.56       | 1  | 1  | 18         |
| 12 | 304 |             | 2  | 61 | 2          |
| 13 | 305 |             | 3  | 1  | 60         |
|    | 306 | e p<br>U872 | 59 | 31 | 2          |
| 14 | 307 |             | 1  | 5  | 1          |
| 15 | 308 |             | 1  | 5  | 1          |
|    |     |             |    |    | 7060506.96 |

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5

|      |   |    |   |   |   |     |    |    |    |     |   |    |
|------|---|----|---|---|---|-----|----|----|----|-----|---|----|
|      |   |    |   |   |   |     |    |    |    |     |   |    |
| 2017 | 9 | 15 | 1 | 1 | 3 | 53% | 18 | 24 | 40 | 89% | 5 | 45 |
| 2018 | 9 | 20 | 2 | 4 | 3 | 64% | 16 | 24 | 40 | 89% | 8 | 45 |

6

64%

2018

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| 1 |  |  |  | 2018.03 |  |
| 2 |  |  |  | 2018.03 |  |
| 3 |  |  |  | 2018.09 |  |
| 4 |  |  |  | 2018.09 |  |
| 5 |  |  |  | 2018.09 |  |

7

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| 2018 |  |  | + |  |
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|----|--|------|--|---------|
|    |  |      |  |         |
| 1  |  | 2015 |  |         |
| 2  |  | 2014 |  | 228     |
| 3  |  | 2016 |  | 277     |
| 4  |  | 2014 |  | 122     |
| 5  |  | 2016 |  |         |
| 6  |  | 2016 |  |         |
| 7  |  | 2015 |  | 126     |
| 8  |  | 2016 |  |         |
| 9  |  | 2016 |  | 36      |
| 10 |  | 2018 |  | 11-12 B |

5.

2018

100% 2018

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2016

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2018

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211

92.14%

97%

80%

2017

98%

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2018

106%

90%



|    |  |  |  |      |  |           |
|----|--|--|--|------|--|-----------|
|    |  |  |  |      |  |           |
| 1  |  |  |  | 600  |  | 2006.6.1  |
| 2  |  |  |  | 20   |  | 2009.3.29 |
| 3  |  |  |  | 2000 |  | 2006.12.8 |
| 4  |  |  |  | 1    |  | 2005.4.2  |
| 5  |  |  |  | 50   |  | 2014.7.21 |
| 6  |  |  |  |      |  | 2009.6.3  |
| 7  |  |  |  | 10   |  | 2014.7.19 |
| 8  |  |  |  | 2    |  | 2014.7.6  |
| 9  |  |  |  | 3    |  | 2017.05   |
| 10 |  |  |  | 300  |  | 2017.11   |

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VBSE

131 143  
 26.7% 19.58% 15.27%  
 17.48% 17.48% 27.27%,  
 4.2% 28.67%  
 27.27%  
 56.81%

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| PPP |  |  |
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1.

2017 4723602.44 2017 2016  
 1655.49 1667.94

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2018

15 706 :

6 2018

|    |      |         |       |
|----|------|---------|-------|
|    |      |         |       |
| 1  | VBSE | 102-103 | VBSE  |
| 2  |      | 106     |       |
| 3  |      | 104     |       |
| 4  |      | 107     |       |
| 5  |      | 108     |       |
| 6  |      | 203     |       |
| 7  |      | 204     |       |
| 8  |      | 205     |       |
| 9  |      | 208     |       |
| 10 |      | 209     |       |
| 11 |      | 303     | V3.56 |

|    |     |          |
|----|-----|----------|
| 12 | 304 |          |
| 13 | 305 |          |
|    | 306 | e p U872 |
| 14 | 307 |          |
| 15 | 308 |          |

3.

33

|    |    |     |       |    |           |
|----|----|-----|-------|----|-----------|
| 1  |    |     |       |    |           |
| 35 | 13 | 40% | 35-45 | 18 | 55% 45-60 |
| 2  | 5% |     |       |    |           |
| 2  |    |     |       |    |           |
|    | 30 | 91% | 2     | 7  | 27%       |
| 3  |    |     |       | 4  | 12%       |
| 12 | 6  | 36% |       | 17 | 52%       |
| 4  |    |     |       |    | 29        |

87.9%

10

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7 2018

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2018

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8 2018

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|---|--|---|--|---------|------|
|   |  |   |  |         |      |
| 1 |  |   |  | 2018.01 |      |
| 2 |  |   |  | 2018.09 | c ci |
| 3 |  |   |  | 2018.11 | c ci |
| 4 |  |   |  | 2018.01 |      |
| 5 |  | - |  | 2018.06 |      |

9 2018

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|  |      |  |         |
|  | 2015 |  |         |
|  | 2014 |  | 228     |
|  | 2016 |  | 277     |
|  | 2014 |  | 122     |
|  | 2016 |  |         |
|  | 2016 |  |         |
|  | 2015 |  | 126     |
|  | 2016 |  |         |
|  | 2016 |  | 36      |
|  | 2018 |  | B 11-12 |

5.

100% 2016  
2018 10

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1.

90% 2018

279

275

98.59%

99.56%

2016

2017

2018

82.5%

2.

2016

2017

2018

97.31%

3.

2018

100%

92.2%

2017

74.4%

1.

2018 4

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300

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2018

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|--|--------|------|------|-------|-----|------|--------|-------|
|  |        |      |      |       |     |      |        |       |
|  | 486    | 304  | 182  | 18.4% | 28  | 17.5 | 10.5   | 19.6% |
|  | 400    | 264  | 136  | 15.2% | 25  | 16.5 | 8.5    | 17.4% |
|  | 624    | 288  | 336  | 23.7% | 39  | 18   | 21     | 27.3% |
|  | 96     | 60   | 36   | 3.6%  | 6   | 4    | 2      | 4.2%  |
|  | 96     | 96   | 0    | 3.6%  | 6   | 6    | 0      | 4.2%  |
|  | 936    | 0    | 936  | 35.5% | 39  | 0    | 39     | 27.3% |
|  | 2638   | 1012 | 1626 | 100%  | 143 | 62   | 81     | 100%  |
|  | 56.8 % |      |      |       |     |      | 61.6 % |       |

14

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VBSE

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 2017 4723602.44 1667.94  
 2016 1655.49 2015 1626.19  
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2018 19 2017  
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|----|-----|--|--|
|    |     |  |  |
| 1  | 102 |  |  |
| 2  | 104 |  |  |
| 3  | 106 |  |  |
| 4  | 107 |  |  |
| 5  | 108 |  |  |
| 6  | 203 |  |  |
| 7  | 204 |  |  |
| 8  | 205 |  |  |
| 9  | 206 |  |  |
| 10 | 207 |  |  |
| 11 | 208 |  |  |
| 12 | 209 |  |  |
| 13 | 303 |  |  |
| 14 | 304 |  |  |
| 15 | 305 |  |  |
| 16 | 306 |  |  |
| 17 | 307 |  |  |
| 18 | 308 |  |  |
| 19 | 309 |  |  |

3.

10 27.78% 19 52.78% 36 7 19.44%  
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2018

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3 2018

|   |  |  |  |  |                       |
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|   |  |  |  |  |                       |
| 1 |  |  |  |  | 2018-07-10 2018-08-10 |
| 2 |  |  |  |  | 2018-07-01 2018-08-10 |
| 3 |  |  |  |  | 2018-07-10 2018-08-10 |
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| %- P  | 29   | 57.14% |
|       | 2    | 8      |
|       | 14   | 50%    |
| 10.7% |      | 18     |
|       | 21   | 42.86% |
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|  |  |     |     |        |     |        |       |
|  |  | 180 | 470 | 97.80% | 464 | 97.80% | 98.7% |
|  |  | 128 |     | 99.20% |     | 99.20% |       |
|  |  | 148 |     | 99.30% |     | 99.30% |       |
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|  |  | 160 | 252 | 206 | 157.50% | 81.75% |

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|      | 2  |      |      |    | 20   |
|      |    |      | 14   |    | 350  |
| 3    |    | 5    |      | 14 | 140  |
|      | 20 |      |      |    |      |
|      |    | 2014 |      |    |      |
|      |    |      | 1200 |    |      |
| 2017 |    |      |      | 3  | 2018 |
| 2.   |    | 2004 |      |    | 11   |
|      |    | 439  |      | 1  |      |



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|  | 2016 | 2017 | 2018 |     |
|  | 137  | 170  | 180  | 487 |

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|  |       |    |     |    |       |     |     |    |      |
|  | 448   | 96 | 544 | 96 | 414   | 216 | 792 | 48 | 2654 |
|  | 1184  |    |     |    | 1470  |     |     |    |      |
|  | 44.6% |    |     |    | 55.4% |     |     |    |      |

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|------------|------------|------|
| 2016-2017  | 1703.5     | 2016 |
| 45.85 2017 | 4739605.23 | 2016 |

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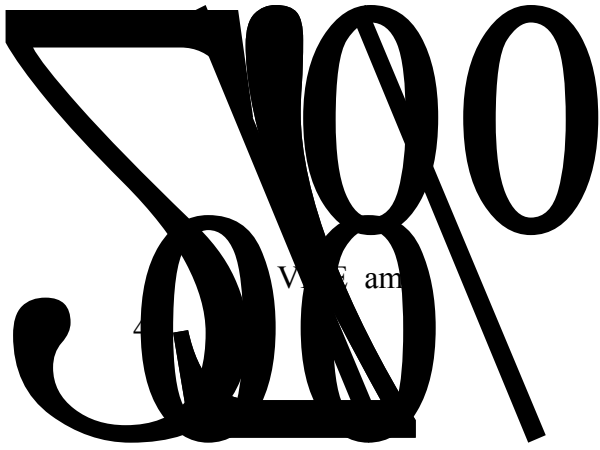
|      |      |         |  |        |
|------|------|---------|--|--------|
| 1    |      |         |  |        |
| 2018 |      | 2204040 |  | 117    |
|      | 2332 | 1.27    |  | 209784 |
|      | 5724 | 120     |  | 103    |
| 4.01 |      |         |  |        |
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| 2018 |   |       | 27   |    | 2  |    | 7.4% |
|      | 6 | 22.2% | 2017 | 1  |    |    |      |
|      |   | 45    | 4    | 30 | 45 | 21 | 30   |
|      |   |       |      |    |    |    | 2    |

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|      | 2017  |     |     |        |  |
| 2.   |       |     |     |        |  |
| 2018 |       | 128 | 125 | 1      |  |
| 1    | 99.2% | 116 |     | 90.62% |  |
| 2018 |       | 51% |     |        |  |
| 3.   |       |     |     |        |  |
|      | 90%   |     |     |        |  |
|      |       |     | 91% |        |  |

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| 2018   |     | 180    | 229 |
| 127.2% | 195 | 85.15% |     |

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|  |       |    |     |     |       |     |     |    |      |
|  | 470   | 96 | 880 | 144 | 468   | 108 | 600 | 48 | 2598 |
|  | 1590  |    |     |     | 1008  |     |     |    |      |
|  | 61.2% |    |     |     | 38.8% |     |     |    |      |

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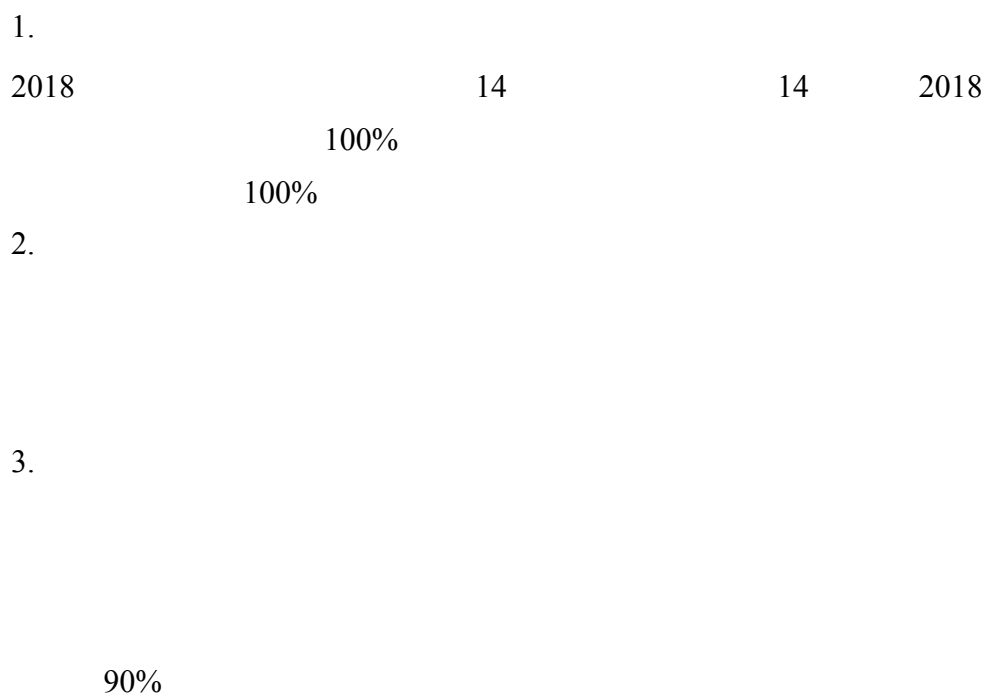
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| 2 | 2016 | 5 607 683.72 |
| 3 | 2017 | 5 840 286.39 |

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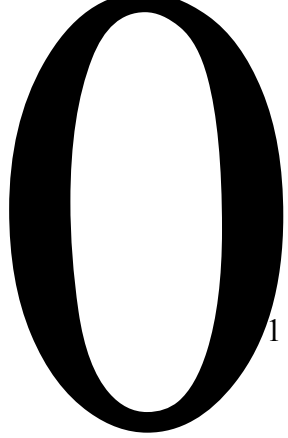
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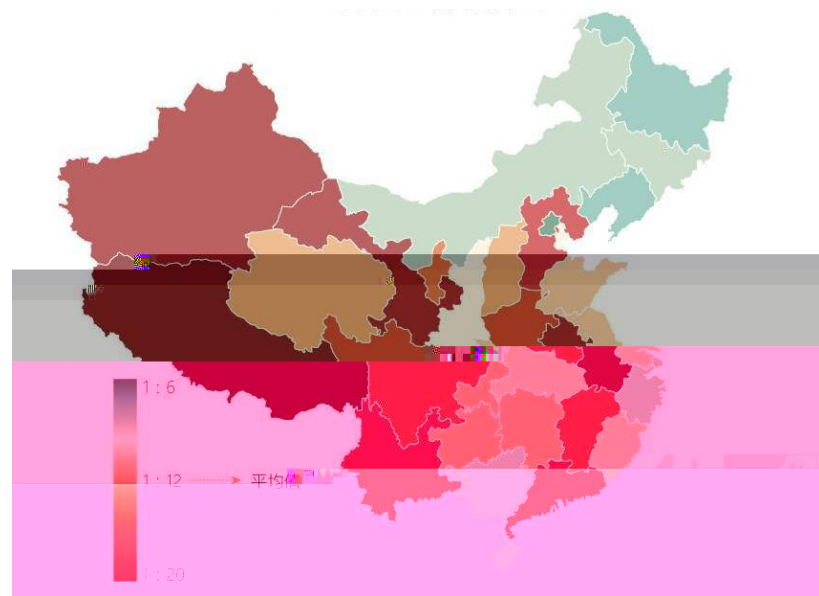
2017  
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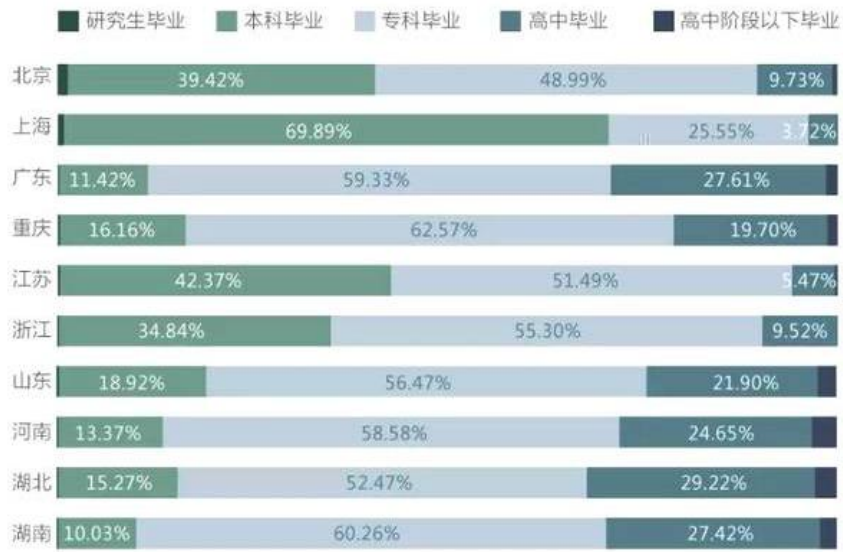
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| 1 |   | 92.51 |  |  | 13 /14  | 30 |
| 3 |   | 63.6  |  |  | 40 /130 | 40 |
| 4 | 1 | 63.6  |  |  | 60 /140 | 40 |
| 6 | 2 | 63.6  |  |  | 21 /123 | 40 |

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| 106    | 0.16 | 1 | 0.16 | 2010-12 |
| 5mm    |      |   |      |         |
| DC-500 |      |   |      |         |

|               |      |   |      |         |
|---------------|------|---|------|---------|
| FN-550<br>8EX | 1.55 | 1 | 1.55 | 2010-12 |
| 550mm         |      |   |      |         |
| N60           | 1.35 | 1 | 1.35 | 2010-12 |
| DD3           | 0.35 | 1 | 0.35 | 2010-12 |
| ADC-2<br>88   | 2.73 | 1 | 2.73 |         |

|   |  |  |                      |  |        |    |               |                |  |
|---|--|--|----------------------|--|--------|----|---------------|----------------|--|
|   |  |  | E500                 |  | 0.598  | 18 | 10.764        | 2010-11        |  |
|   |  |  | APPM<br>B417C<br>H/A |  | 0.8300 | 40 | 33.2          | 2009-08-0<br>3 |  |
| 1 |  |  | 6280PR<br>0          |  | 0.6048 | 80 | 4,71128.<br>8 | 2013-11        |  |
|   |  |  |                      |  |        |    | 125.82        |                |  |

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|    | 2018 | 9  | 30 |     | 16 |     | 82 |
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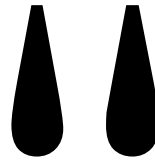
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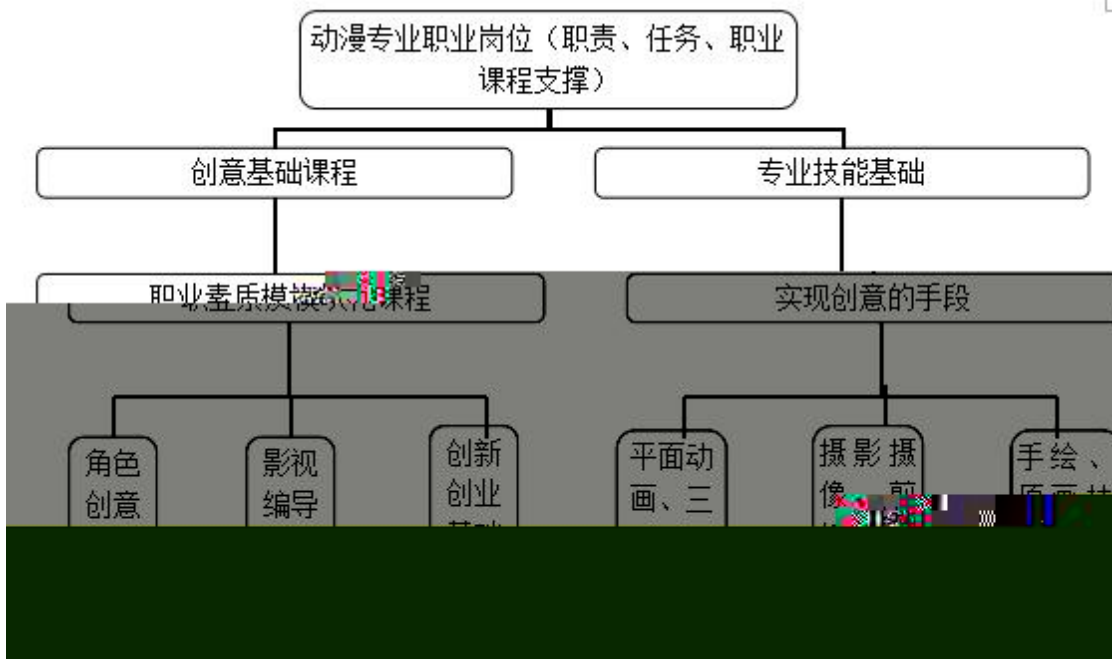
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| 1.   |         |      |      |     |     |       |
| 2015 |         |      |      |     |     | 4     |
|      | 10      | 2017 |      |     | 219 |       |
|      | 1653.87 |      |      |     |     |       |
| 2.   |         |      |      |     |     |       |
|      |         |      | 1    |     | 147 |       |
| 1    | 70      |      |      | 217 |     | 38.74 |
|      |         |      |      |     |     |       |
|      | 99%     |      | 100% |     | 98% |       |
| 3.   |         |      |      |     |     |       |
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| 3    | 3       |      | 1    | 1   |     | 4     |
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|      | 90%     |      |      |     |     |       |
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| 2.   |       |      |     |       |
|      | 72.6% |      |     |       |
| 3.   |       | 2018 |     |       |
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| 4.   |       |      | 50% |       |
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| 2018 | 84    | 100% | 100% |
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|   |  |     | 2010         | 9.98      |
|   |  |     | 2010         | 1.33      |
|   |  |     | 2010         | 3.96      |
|   |  |     | 2010         | 14.38     |
|   |  |     | 2010         | 9.03      |
|   |  |     | 2010         | 13.65     |
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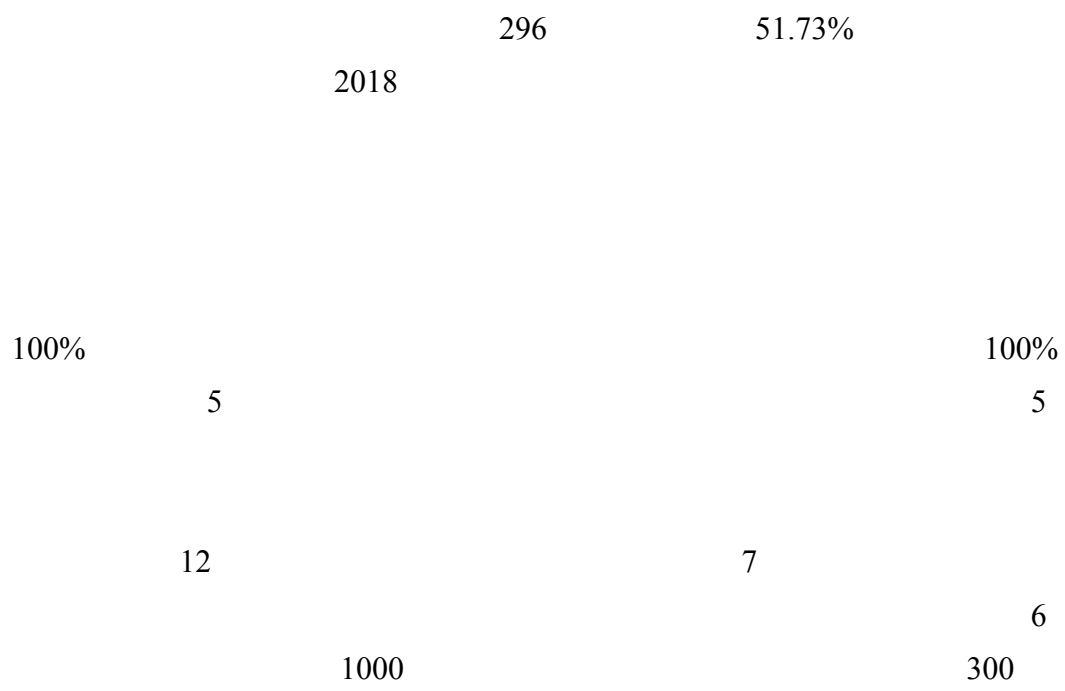
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| 4  |  | -4011 | 22 | 116670 | 16 | 43  |
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| 6  |  | -5013 | 8  | 20806  | 5  | 65  |
| 7  |  | -5009 | 58 | 76399  | 6  | 76  |
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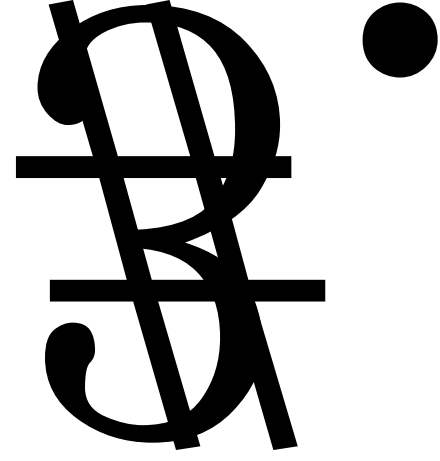
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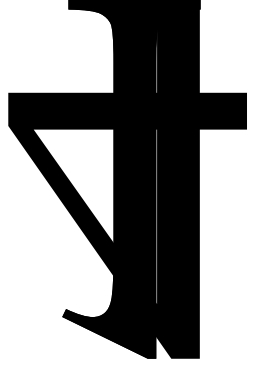
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