74, 75a, 76, 78, 79, 80, 83, 84, 88, 92, 93, (94-99 (this is like one problem)).

74.

Stem Leaf

5   1

6

7   6 7 8 9

8   1 2 4 6

9   9

75a.

76

books	Frequency	Relative Frequency
0	10	0.15
1	12	0.18
2	16	0.24
3	12	0.18
4	8	0.12
5	6	0.09
6	2	0.03
8	2	0.03

books	Frequency	Relative Frequency
0	18	0.15
1	24	0.2
2	24	0.2
3	22	0.18
4	15	0.13
5	10	0.08
7	5	0.04
9	1	0.01

books	Frequency	Relative Frequency
0–1	20	0.29
2–3	35	0.5
4–5	12	0.17

6–7   2   0.03
8–9   1   0.01

The different publishers sold different
numbers of books.

78.
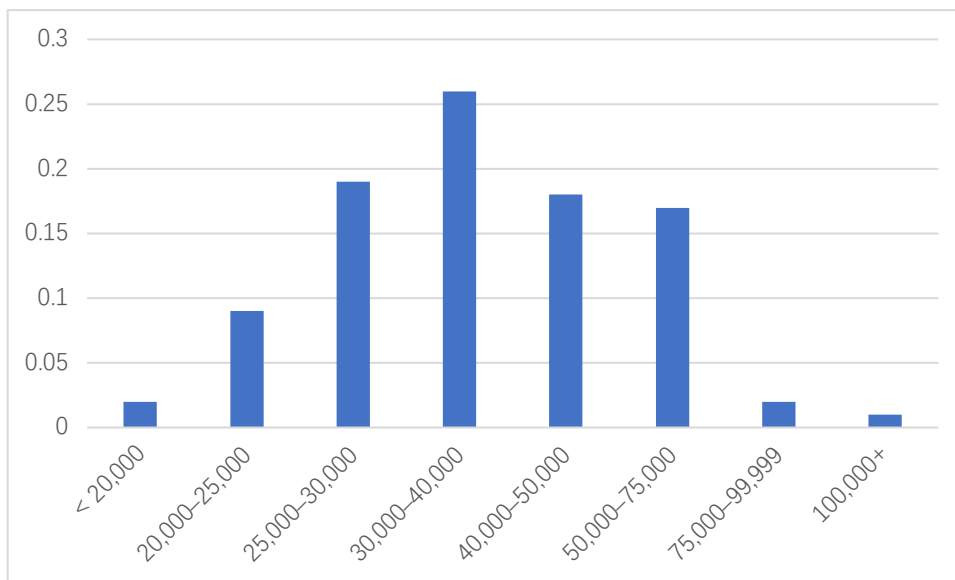
79.c
80.a

83.

1 − (0.02+0.09+0.19+0.26+0.18+0.17+0.02+0.01) = 0.06
0.19+0.26+0.18 = 0.63

40th percentile will fall between 30,000 and 40,000 80th percentile will fall between 50,000 and
75,000

84. a.q2
     b.q2
     c.0
     d.yes
     e.iv

88.

92. The mean percentage, $\bar{x} = \dfrac{1328.65}{50} = 26.75$

93.

94. The median value is the middle value in the ordered list of data values. The median value of a set of 11 will be the 6th number in order. Six years will have totals at or below the median.

95. a.1447.5

b.528.5

96. 474 FTES

97.50%

98.919

99.0.03