

Student count

Household income

Mean of medians of students' samples

Median income of 100 households

Household Income (\$K)	Student Count
57.5	8
67.5	1
67.5	1
67.5	1
72.5	0.5
72.5	1.5
72.5	2.5
72.5	3.5
77.5	0.5
77.5	1.5
82.5	0.5
82.5	1.5
82.5	2.5
82.5	2.5
87.5	0.5
87.5	1.5
87.5	1.5
92.5	0.5
92.5	1.5
92.5	2.5
97.5	0.5
97.5	1.5
97.5	2.5
97.5	3.5

The dot plot displays the frequency of household income for students. The x-axis represents household income in thousands of dollars, and the y-axis represents the number of students. The data is as follows:

Household Income (\$K)	Student Count
51.25	1
51.75	1
52.25	2
52.75	2
53.25	3
56.25	1
56.25	1
56.25	2
56.25	2
56.25	3
56.25	4
56.25	5
56.25	6
56.25	7
56.25	8
62.5	1
62.5	1
62.5	2
62.5	2
68.75	1
68.75	1
68.75	1
75	1
75	1
82.5	1
93.75	1

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Household income (\$K)	Student count
52.5	5
55.0	7
57.5	8
62.5	2
67.5	1

The dot plot displays the frequency of household income for students. The x-axis is labeled 'Household income' and ranges from \$25K to \$125K in \$5K increments. The y-axis is labeled 'Student count' and ranges from 0 to 8. Data points are represented by 'x' marks. Two vertical lines are drawn: a blue line at approximately \$57.5K and an orange line at \$70K.

Household Income (\$K)	Student Count
42.5	2
47.5	2
52.5	2
57.5	3
70.0	5
87.5	4
102.5	1
112.5	1