

Mean of medians of students' samples

Median income of 100 households

Household Income (\$K)	Student Count
52	1
52	2
52	3
52	4
52	5
57	1
57	2
57	3
57	4
57	5
57	6
62	1
62	2
62	3
62	4
62	5
67	1
67	2
67	3
72	1

Household income

Student count

Household Income (\$K)	Student Count
42.5	2
47.5	4
52.5	8
57.5	2
62.5	2

A dot plot showing the distribution of household income for students. The x-axis is labeled 'Household income' and ranges from \$25K to \$90K in \$5K increments. The y-axis is labeled 'Student count' and ranges from 0 to 8. Data points are represented by 'x' marks. There are 2 'x' marks at \$47K, 8 'x' marks at \$53K, and 2 'x' marks at \$57K. A vertical orange line is at \$53K, and a vertical blue line is at \$54K.

Household income	Student count
\$47K	2
\$53K	8
\$57K	2

The dot plot displays the frequency of household income for students. The x-axis represents household income from \$25K to \$90K, and the y-axis represents the student count from 0 to 8. The data points are as follows:

Household Income (\$K)	Student Count
37	1
42	5
52	3
57	5
67	2
77	4

Two vertical lines are drawn at approximately \$53K (blue) and \$57K (orange). The blue line is at the 5th tick mark, and the orange line is at the 6th tick mark.