



Proficiency Scale

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GRADE LEVEL: 8 COURSE NAME: MATH
MEASUREMENT TOPIC: INVESTIGATE PATTERNS OF BIVARIATE DATA

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| 4 | In addition to Score 3, the student makes in-depth inferences and applications. |
| 3 | <ul style="list-style-type: none">• Construct and interpret a two-way table summarizing data on two categorical variables.• Use a linear model of a real-world situation to solve problems and make predictions.<ul style="list-style-type: none">• Describe the rate of change and y-intercept in the context of a problem using a linear model of a real-world situation. |
| 2 | <ul style="list-style-type: none">• Informally draw a line to fit the data, given a scatter plot that suggests a linear association.• Construct and interpret scatter plots for bivariate measurement data. |

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With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes.

Key Vocabulary: