**ADVANCED HIGH SCHOOL STATISTICS, 3RD ED. AND AP® STATISTICS CED ALIGNMENT**

Following the AP® Statistics Course and Exam Description (CED) Units\*

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| **CED Unit** | **AHSS3 Alignment** | **AP Exam   Weighting for MC** |
| **Unit 1**: Exploring One-Variable Data | **Ch 2** | 15%–23% |
| **Unit 2**: Exploring Two-Variable Data | **Ch 2.4 (categ.) + 8.1-8.3** | 5%–7% |
| **Unit 3**: Collecting Data | **Ch 1** | 12%–15% |
| **Unit** 4: Probability, Random Variables,   and Probability Distributions | **Ch 3** | 10%–20% |
| **Unit 5**: Sampling Distributions | **Ch 4** | 7%–12% |
| **Unit 6**: Inference for Categorical Data:   Proportions | **Ch 5 + 6.1, 6.2** | 12%–15% |
| **Unit 7**: Inference for Quantitative Data:   Means | **Ch 7** | 10%–18% |
| **Unit 8**: Inference for Categorical Data:   Chi-Square | **Ch 6.3-6.4** | 2%–5% |
| **Unit 9**: Inference for Quantitative Data:   Slopes | **Ch 8.4** | 2%–5% |

\*From <https://apcentral.collegeboard.org/courses/ap-statistics/course>

Following, roughly, the AHSS3 Chapter order

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| **AHSS3 Chapters** | **CED Unit Alignment** | **AP Exam Weighting for MC** |
| **Chapter 1**: Data collection | **Unit 3**: Collecting Data | 12%–15% |
| **Chapter 2**: Summarizing data | **Unit 1**: Exploring One-   Variable Data + **Unit 2**   Exploring Two-Variable  Data (categorical) | 15%–23% |
| **Chapter 3**: Probability and probability distributions | **Unit 4**: Probability,   Random Variables, and   Probability Distributions | 10%–20% |
| **Chapter 4:** Sampling distributions | **Unit 5**: Sampling   Distributions | 7%–12% |
| **Ch 5** and **Ch. 6.1-6.2:** Foundations and Inference for categorical data | **Unit 6**: Inference for   Categorical Data:   Proportions | 12%–15% |
| **Ch 6.3-6.4**: Chi-square tests | **Unit 8**: Inference for   Categorical Data: Chi-   Square | 2%–5% |
| **Chapter 7**: Inference for numerical data | **Unit 7**: Inference for  Quantitative Data: Means | 10%–18% |
| **Ch 8.1-8.3:** Introduction to linear regression | **Unit 2**: Exploring Two-  Variable Data (numerical) | 5%–7% |
| **Ch 8.4**: Inference for the slope of a regression line | **Unit 9**: Inference for   Quantitative Data: Slopes | 2%–5% |