**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% |