

ADVANCED HIGH SCHOOL STATISTICS, 2ND ED. AND AP[®] STATISTICS CED ALIGNMENT

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

| CED Unit | AHSS2 Alignment | AP Exam Weighting for MC |
|---|-----------------------------------|--------------------------|
| Unit 1: Exploring One-Variable Data | Ch 2 + 4.1 | 15%–23% |
| Unit 2: Exploring Two-Variable Data | Ch 2.3 + 8.1-8.2, 8.4 | 5%–7% |
| Unit 3: Collecting Data | Ch 1 | 12%–15% |
| Unit 4: Probability, Random Variables, and Probability Distributions | Ch 3 + 4.3, 4.4 | 10%–20% |
| Unit 5: Sampling Distributions | Ch 4.2, 4.5, 5.1, 6.2, 7.3 | 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 8.3 | 2%–5% |

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

Following, roughly, the AHSS2 Chapter order

| AHSS2 Chapters | CED Unit Alignment | AP Exam Weighting for MC |
|--|---|---------------------------------|
| Chapter 1: Data collection | Unit 3: Collecting Data | 12%–15% |
| Chapter 2: Summarizing Data + 4.1 (normal distribution) (skip 2.3.2 and 2.3.3 if you prefer) | Unit 1: Exploring One-Variable Data | 15%–23% |
| Chapter 3: Probability + 4.3, 4.4 (geometric and binomial) | Unit 4: Probability, Random Variables, and Probability Distributions | 10%–20% |
| Chapter 4.2, 4.5 + 5.1, 6.2, 7.3 | Unit 5: Sampling Distributions | 7%–12% |
| Ch 5.2-5.3 and Ch. 6.1-6.2 | Unit 6: Inference for Categorical Data: Proportions | 12%–15% |
| Ch 6.3-6.4: Chi-square | 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 8.1-8.2, 8.4 + 2.3.2, 2.3.3 (two categorical variables) | Unit 2: Exploring Two-Variable Data | 5%–7% |
| Ch 8.3: Inference for the slope of a regression line | Unit 9: Inference for Quantitative Data: Slopes | 2%–5% |