

AP chem exam score distribution; [source](#)

| Score | 2013 | 2014 | 2016 | 2018 | 2021 | 2023 | 2024 |
|-------|--------|--------|-------|--------|------|------|------|
| 5 | 18.2 % | 10.1 % | 9.7 % | 12.6 % | 11 % | 15 % | 17 % |
| 4 | 21.3 | 16.6 | 15.1 | 17.3 | 16 | 27 | 27 |
| 3 | 19 | 25.7 | 27.5 | 25 | 24 | 33 | 31 |
| 2 | 15.1 | 25.8 | 25.3 | 24.1 | 25 | 17 | 17 |
| 1 | 26.4 | 21.8 | 22.8 | 21 | 24 | 8 | 7 |
| | | | | | | | |
| ≥ 3 | 58.5 | 52.4 | 52.3 | 54.8 | 51 | 75 | 75 |

FYI

2014 is the first year of the redesigned AP chem course; there's 4 MC choices, 60 MC questions, & no guessing penalty; 7 FR; 3 h test.

2015 change from 2014 in regards to test duration of 3 hours to 3 hours & 15 minutes

2020 = online test due to covid

Opinions regarding recent change in "pass rate"

[The College Board's New Method for Raising AP Scores](#)

2024 AP Chemistry: Released FRQ [Reflections](#)

Trevor Packer's [spin](#)

ap chem cut off score --- accuracy ?

| AP score | 2012 | 2014 | 2017 | 2019 | 2022 | 2024 |
|----------|------------|------------|------------|------------|------------|------------|
| 5 | 73 – 100 % | 72 – 100 % | 79 – 100 % | 82 – 100 % | 78 – 100 % | 80 – 100 % |
| 4 | 61 – 72 | 58 - 71 | 64 – 78 | 70 – 81 | 65 – 77 | 60 – 79 |
| 3 | 49 – 71 | 42 – 57 | 44 – 63 | 52 – 69 | 47 – 64 | 38 – 59 |
| 2 | 39 – 48 | 27 – 41 | 28 – 43 | 37 – 51 | 31 - 46 | 22 – 37 |
| 1 | < 39 | < 27 | < 27 | < 36 | < 31 | < 21 |

2012 – 2019 [source](#); basis is college board document; e.g.

AP Score Conversion Chart
Chemistry

| Composite Score Range | AP Score |
|-----------------------|----------|
| 82-100 | 5 |
| 70-81 | 4 |
| 52-69 | 3 |
| 37-51 | 2 |
| 0-36 | 1 |

p. 121; for 2019 [test](#)

post 2019: [source](#) = Gene Lynn, ap chem teacher on ap chem FB website; basis is an analysis of student test score and corresponding ap score; e.g. [2023](#) ; alternative [analysis](#)