STUDENT GRADE DISTRIBUTIONS

Introduction

The May 2009 College Board AP Exams were taken by 1,691,905 students from 17,374 secondary schools. College and high school teachers, called Readers, who are familiar with college-level course demands, scored the free-response sections from the 2,929,929 examinations taken. Computers at ETS® scored the multiple-choice sections.

The Chief Readers, relying on their subject-matter expertise, statistical equating data, data from comparability studies, and historical trends, determine the grade-setting thresholds for the 5-point AP grade scale: 5 = extremely well qualified, 4 = well gualified, 3 = gualified, 2 = possibly gualified, 1 = no recommendation. Listed below are the Chief Readers who directed the scoring of the free-response sections of the May 2009 exams.

Summary Table of Students' Grades

The grades earned on the May 2009 AP Examinations are summarized in the form of grade distributions shown in the table on the next two pages. For each exam, the table provides the number and percentages of students receiving each grade, the total number of students, and the mean and standard deviation of grades.

Additional information

Released exam questions, scoring guidelines, and sample student responses for the free-response sections of AP Exams are available at AP Central (apcentral.collegeboard.com). Entire released exams, with multiple-choice answer keys are available for purchase at store.collegeboard.com.

CHIEF READERS

Art History Biology Calculus Chemistry Chinese Language Computer Science Economics English Lang. & Comp.

Environmental Science European History French German Government & Politics: Comparative

Government & Politics: United States Human Geography

Italian Language Japanese Language Latin

English Lit. & Comp.

Physics Psychology Spanish Language

Music

Spanish Literature Statistics

Studio Art United States History

World History

Bob Nauman University of Colorado - Boulder John Lepri University of North Carolina - Greensboro

Michael Boardman Pacific University

Eleanor Siebert Mount St. Mary's College University of Hawaii - Manoa Tao-chung Yao Jody Paul Metropolitan State College of Denver

David Anderson Centre College Gary Hatch Brigham Young University

SUNY - Binghamton Susan Strehle Arthur Samel Bowling Green State University

Jeffrey Hamilton **Baylor University** Irene d'Almeida University of Arizona Johanna Watzinger-Tharp University of Utah Jean Robinson Indiana University

Gary Copeland University of Oklahoma David Lanegran Macalester College Frank Nuessel University of Louisville

Laurel Rasplica Rodd University of Colorado - Boulder Mary Pendergraft Wake Forest University

Kenneth Stephenson University of Oklahoma James Madison University William Ingham Kenneth Keith University of San Diego Gwyn Campbell Washington and Lee University

Hazel Gold Emory University Christine Franklin University of Georgia Raul Acero University of Redlands

Merry Wiesner-Hanks University of Wisconsin - Milwaukee

James Madison University

Raymond Hyser

STUDENT GRADE DISTRIBUTIONS*

AP Examinations - May 2009

| Examination Grade | Art History | | Biology | | Calculus AB | | Calculus BC | | Calculus AB Subscores | | Chemistry | |
|---|---|--|---|---|---|--|--|--|--|---|---|--|
| E | N 1 901 | % At | N 31,147 | % At 19.5 | N 52.021 | % At 23.0 | N 31,554 | % At 43.2 | N 41 200 | % At 56.5 | N 10.012 | % At 18.0 |
| 5 4 | 1,891 4,720 | 9.2 22.9 | 24,732 | 15.5 | 52,921 43,140 | 23.0 18.7 | 12,807 | 43.2 17.6 | 41,209 13,843 | 19.0 | 18,813 18,758 | 17.9 |
| 3 | 5,125 | 24.9 | 25,214 | 15.8 | 41,204 | 17.9 | 14,041 | 19.2 | 8,989 | 12.3 | 21,165 | 20.2 |
| 2 | 3,935 | 19.1 | 24,151 | 15.1 | 35,843 | 15.5 | 5,408 | 7.4 | 4,531 | 6.2 | 14,845 | 14.2 |
| 1 | 4,948 | 24.0 | 54,336 | 34.0 | 57,480 | 24.9 | 9,155 | 12.5 | 4,393 | 6.0 | 31,208 | 29.8 |
| Number of Students | 20,619 | | 159,580 | | 230,588 | | 72,965 | | 72,965 | | 104,789 | |
| 3 or Higher / % | 11,736 | 56.9 | 81,093 | 50.8 | 137,265 | 59.5 | 58,402 | 80.0 | 64,041 | 87.8 | 58,736 | 56.1 |
| Mean Grade | 2.74 | | 2.71 | | 2.99 | | 3.72 | | 4.14 | | 2.80 | |
| Standard Deviation | 1.30 | | 1.54 | | 1.50 | | 1.40 | | 1.21 | | 1.48 | |
| Examination Grade | Chinese Language | | Chinese Language | | | | | | | | | |
| | (Total Group) | | (Standard Group)** | | Computer Science A | | Computer Science AB | | Economics - Macro | | Economics - | - Micro |
| | N | % At | N | % At | N | % At | N | % At | N | % At | N | % At |
| 5 | 4,158 | 81.5 | 359 | 47.3 | 3,850 | 23.2 | 2,007 | 39.3 | 11,606 | 15.7 | 8,301 | 17.9 |
| 4 | 499 | 9.8 | 169 | 22.3 | 4,265 | 25.7 | 1,053 | 20.6 | 18,607 | 25.2 | 12,667 | 27.4 |
| 3 | 308 | 6.0 | 138 | 18.2 | 2,200 | 13.2 | 821 | 16.1 | 11,635 | 15.8 | 9,130 | 19.7 |
| 2 | 49 | 1.0 | 33 | 4.3 | 1,361 | 8.2 | 380 | 7.4 | 11,971 | 16.2 | 6,742 | 14.6 |
| 1 | 86 | 1.7 | 60 | 7.9 | 4,946 | 29.8 | 844 | 16.5 | 19,998 | 27.1 | 9,432 | 20.4 |
| Number of Students | 5,100 | | 759 | | 16,622 | | 5,105 | | 73,817 | | 46,272 | |
| 3 or Higher / % | 4,965 | 97.4 | 666 | 87.7 | 10,315 | 62.1 | 3,881 | 76.0 | 41,848 | 56.7 | 30,098 | 65.0 |
| Mean Grade | 4.69 | | 3.97 | | 3.04 | | 3.59 | | 2.86 | | 3.08 | |
| Standard Deviation | 0.77 | | 1.24 | | 1.57 | | 1.47 | | 1.45 | | 1.40 | |
| | English Language | | English Literature | | Environmental Science | | European History | | | | | |
| Examination Grade | | | | | | | | | French Lang (Total Gro | up) | French Lang (Standard Gro | oup)** |
| | N | % At | N | % At | N | % At | N | % At | (Total Gro N | up) % At | (Standard Gro | oup)** % At |
| 5 | N 35,313 | % At 10.5 | N 24,586 | % At 7.4 | N 7,616 | % At 10.4 | N 14,100 | % At 13.9 | (Total Gro N 2,477 | up) % At 11.8 | (Standard Gro N 990 | % At 6.3 |
| | N 35,313 64,138 | % At 10.5 19.0 | N 24,586 68,083 | % At 7.4 20.5 | N 7,616 15,240 | % At | N 14,100 19,482 | % At 13.9 19.2 | (Total Gro N 2,477 3,312 | up) % At | (Standard Gro N 990 2,134 | % At 6.3 13.6 |
| 5 4 | N 35,313 | % At 10.5 | N 24,586 | % At 7.4 | N 7,616 | % At 10.4 20.7 | N 14,100 | % At 13.9 | (Total Gro N 2,477 | wp) % At 11.8 15.7 | (Standard Gro N 990 | % At 6.3 |
| 5 4 3 | N 35,313 64,138 101,995 | % At 10.5 19.0 30.2 | N 24,586 68,083 102,216 | % At 7.4 20.5 30.8 | 7,616 15,240 13,936 | % At 10.4 20.7 18.9 | N 14,100 19,482 34,360 | % At 13.9 19.2 33.9 | (Total Gro N 2,477 3,312 5,880 | wp) % At 11.8 15.7 28.0 | (Standard Gro N 990 2,134 4,579 | % At 6.3 13.6 29.2 |
| 5 4 3 2 | N 35,313 64,138 101,995 95,739 | % At 10.5 19.0 30.2 28.4 | N 24,586 68,083 102,216 104,055 | % At 7.4 20.5 30.8 31.3 | N 7,616 15,240 13,936 13,608 | % At 10.4 20.7 18.9 18.5 | N 14,100 19,482 34,360 11,441 | % At 13.9 19.2 33.9 11.3 | (Total Gro N 2,477 3,312 5,880 4,558 | % At 11.8 15.7 28.0 21.7 | (Standard Gro N 990 2,134 4,579 3,901 | % At 6.3 13.6 29.2 24.8 |
| 5 4 3 2 1 | N 35,313 64,138 101,995 95,739 40,256 | % At 10.5 19.0 30.2 28.4 | N 24,586 68,083 102,216 104,055 33,412 | % At 7.4 20.5 30.8 31.3 | N 7,616 15,240 13,936 13,608 23,175 | % At 10.4 20.7 18.9 18.5 | N 14,100 19,482 34,360 11,441 21,976 | % At 13.9 19.2 33.9 11.3 | (Total Gro N 2,477 3,312 5,880 4,558 4,802 | % At 11.8 15.7 28.0 21.7 | (Standard Gro N 990 2,134 4,579 3,901 4,097 | % At 6.3 13.6 29.2 24.8 |
| 5 4 3 2 1 Number of Students | N 35,313 64,138 101,995 95,739 40,256 337,441 | % At 10.5 19.0 30.2 28.4 11.9 | N 24,586 68,083 102,216 104,055 33,412 332,352 | % At 7.4 20.5 30.8 31.3 10.1 | N 7,616 15,240 13,936 13,608 23,175 73,575 | % At 10.4 20.7 18.9 18.5 31.5 | N 14,100 19,482 34,360 11,441 21,976 | % At 13.9 19.2 33.9 11.3 21.7 | (Total Gro N 2,477 3,312 5,880 4,558 4,802 21,029 | up) % At 11.8 15.7 28.0 21.7 22.8 | (Standard Gro N 990 2,134 4,579 3,901 4,097 | % At 6.3 13.6 29.2 24.8 26.1 |
| 5 4 3 2 1 Number of Students 3 or Higher / % | N 35,313 64,138 101,995 95,739 40,256 337,441 201,446 | % At 10.5 19.0 30.2 28.4 11.9 | N 24,586 68,083 102,216 104,055 33,412 332,352 194,885 | % At 7.4 20.5 30.8 31.3 10.1 | N 7,616 15,240 13,936 13,608 23,175 73,575 36,792 | % At 10.4 20.7 18.9 18.5 31.5 | N 14,100 19,482 34,360 11,441 21,976 101,359 67,942 | % At 13.9 19.2 33.9 11.3 21.7 | (Total Gro N 2,477 3,312 5,880 4,558 4,802 21,029 11,669 | up) % At 11.8 15.7 28.0 21.7 22.8 | (Standard Gro N 990 2,134 4,579 3,901 4,097 15,701 7,703 | % At 6.3 13.6 29.2 24.8 26.1 |
| 5 4 3 2 1 Number of Students 3 or Higher / % Mean Grade | N 35,313 64,138 101,995 95,739 40,256 337,441 201,446 | % At 10.5 19.0 30.2 28.4 11.9 | N 24,586 68,083 102,216 104,055 33,412 332,352 194,885 2.84 1.09 | % At 7.4 20.5 30.8 31.3 10.1 | N 7,616 15,240 13,936 13,608 23,175 73,575 36,792 2.60 1.38 | % At 10.4 20.7 18.9 18.5 31.5 | N 14,100 19,482 34,360 11,441 21,976 101,359 67,942 2.92 1.31 | % At 13.9 19.2 33.9 11.3 21.7 | (Total Gro N 2,477 3,312 5,880 4,558 4,802 21,029 11,669 2.72 1.30 | (up) | (Standard Gro N 990 2,134 4,579 3,901 4,097 15,701 7,703 | % At 6.3 13.6 29.2 24.8 26.1 |
| 5 4 3 2 1 Number of Students 3 or Higher / % Mean Grade Standard Deviation | N 35,313 64,138 101,995 95,739 40,256 337,441 201,446 2.88 1.16 | % At 10.5 19.0 30.2 28.4 11.9 | N 24,586 68,083 102,216 104,055 33,412 332,352 194,885 2.84 1.09 | % At 7.4 20.5 30.8 31.3 10.1 58.6 | N 7,616 15,240 13,936 13,608 23,175 73,575 36,792 2.60 1.38 | % At 10.4 20.7 18.9 18.5 31.5 | N 14,100 19,482 34,360 11,441 21,976 101,359 67,942 2.92 1.31 | % At 13.9 19.2 33.9 11.3 21.7 | (Total Gro N 2,477 3,312 5,880 4,558 4,802 21,029 11,669 2.72 1.30 | up) | (Standard Gro N 990 2,134 4,579 3,901 4,097 15,701 7,703 2.49 | % At 6.3 13.6 29.2 24.8 26.1 |
| 5 4 3 2 1 Number of Students 3 or Higher / % Mean Grade | N 35,313 64,138 101,995 95,739 40,256 337,441 201,446 | % At 10.5 19.0 30.2 28.4 11.9 | N 24,586 68,083 102,216 104,055 33,412 332,352 194,885 2.84 1.09 | % At 7.4 20.5 30.8 31.3 10.1 58.6 | N 7,616 15,240 13,936 13,608 23,175 73,575 36,792 2.60 1.38 | % At 10.4 20.7 18.9 18.5 31.5 | N 14,100 19,482 34,360 11,441 21,976 101,359 67,942 2.92 1.31 | % At 13.9 19.2 33.9 11.3 21.7 | (Total Gro N 2,477 3,312 5,880 4,558 4,802 21,029 11,669 2.72 1.30 | up) | (Standard Gro N 990 2,134 4,579 3,901 4,097 15,701 7,703 | % At 6.3 13.6 29.2 24.8 26.1 |
| 5 4 3 2 1 Number of Students 3 or Higher / % Mean Grade Standard Deviation Examination Grade | N 35,313 64,138 101,995 95,739 40,256 337,441 201,446 2.88 1.16 | % At 10.5 19.0 30.2 28.4 11.9 59.7 | N 24,586 68,083 102,216 104,055 33,412 332,352 194,885 2.84 1.09 | % At 7.4 20.5 30.8 31.3 10.1 58.6 | N 7,616 15,240 13,936 13,608 23,175 73,575 36,792 2.60 1.38 German Lang (Standard Gro | % At 10.4 20.7 18.9 18.5 31.5 | N 14,100 19,482 34,360 11,441 21,976 101,359 67,942 2.92 1.31 Government & Comparat N 2,919 | % At 13.9 19.2 33.9 11.3 21.7 67.0 | (Total Gro | up) | (Standard Gro N 990 2,134 4,579 3,901 4,097 15,701 7,703 2.49 1.19 Human Geo N 5,866 | 9 (Supply *) (Sup |
| 5 4 3 2 1 Number of Students 3 or Higher / % Mean Grade Standard Deviation Examination Grade | N 35,313 64,138 101,995 95,739 40,256 337,441 201,446 2.88 1.16 French Liter N 298 391 | % At 10.5 19.0 30.2 28.4 11.9 59.7 | N 24,586 68,083 102,216 104,055 33,412 332,352 194,885 2.84 1.09 German Lang (Total Grown N 1,166 1,083 | % At 7.4 20.5 30.8 31.3 10.1 58.6 guage up) % At 23.3 21.7 | N 7,616 15,240 13,936 13,608 23,175 73,575 36,792 2.60 1.38 German Lang (Standard Gro N 249 675 | % At 10.4 20.7 18.9 18.5 31.5 50.0 | N 14,100 19,482 34,360 11,441 21,976 101,359 67,942 2.92 1.31 Government & Comparat N 2,919 3,144 | % At 13.9 19.2 33.9 11.3 21.7 67.0 Folitics ive % At 19.8 21.3 | (Total Gro | ye) | (Standard Gro N 990 2,134 4,579 3,901 4,097 15,701 7,703 2.49 1.19 Human Geo N 5,866 8,480 | graphy graphy Mat 6.3 13.6 29.2 24.8 26.1 49.1 |
| 5 4 3 2 1 Number of Students 3 or Higher / % Mean Grade Standard Deviation Examination Grade 5 4 3 | N 35,313 64,138 101,995 95,739 40,256 337,441 201,446 2.88 1.16 French Liter N 298 391 446 | % At 10.5 19.0 30.2 28.4 11.9 59.7 | N 24,586 68,083 102,216 104,055 33,412 332,352 194,885 2.84 1.09 German Lang (Total Gro N 1,166 1,083 1,198 | 9% At 7.4 20.5 30.8 31.3 10.1 58.6 guage up) % At 23.3 21.7 24.0 | N 7,616 15,240 13,936 13,608 23,175 73,575 36,792 2.60 1.38 German Lang (Standard Gro N 249 675 932 | 9% At 10.4 20.7 18.9 18.5 31.5 50.0 | N 14,100 19,482 34,360 11,441 21,976 101,359 67,942 2.92 1.31 Government & Comparat N 2,919 3,144 3,072 | Politics ive MAt 13.9 19.2 33.9 11.3 21.7 67.0 | (Total Gro | yp) | (Standard Gro N 990 2,134 4,579 3,901 4,097 15,701 7,703 2.49 1.19 Human Geo N 5,866 8,480 11,116 | graphy graphy 6.3 13.6 29.2 24.8 26.1 49.1 |
| 5 4 3 2 1 Number of Students 3 or Higher / % Mean Grade Standard Deviation Examination Grade | N 35,313 64,138 101,995 95,739 40,256 337,441 201,446 2.88 1.16 French Liter N 298 391 446 420 | % At 10.5 19.0 30.2 28.4 11.9 59.7 | N 24,586 68,083 102,216 104,055 33,412 332,352 194,885 2.84 1.09 German Lang (Total Grown N 1,166 1,083 1,198 946 | 9% At 7.4 20.5 30.8 31.3 10.1 58.6 guage up) 9% At 23.3 21.7 24.0 18.9 | N 7,616 15,240 13,936 13,608 23,175 73,575 36,792 2.60 1.38 German Lang (Standard Gro N 249 675 932 777 | % At 10.4 20.7 18.5 31.5 50.0 50.0 guage pup)** % At 7.9 21.4 29.5 24.6 | N 14,100 19,482 34,360 11,441 21,976 101,359 67,942 2.92 1.31 Government & Comparat N 2,919 3,144 3,072 3,031 | Politics ive MAt 13.9 19.2 33.9 11.7 67.0 Politics ive MAt 19.8 21.3 20.9 20.6 | (Total Gro | Politics tees At At 11.8 15.7 28.0 21.7 22.8 55.5 Politics tees At 13.1 17.0 25.4 24.2 | (Standard Gro N 990 2,134 4,579 3,901 4,097 15,701 7,703 2.49 1.19 Human Geo N 5,866 8,480 11,116 8,438 | graphy graphy M At 6.3 13.6 29.2 24.8 26.1 49.1 |
| 5 4 3 2 1 Number of Students 3 or Higher / % Mean Grade Standard Deviation Examination Grade 5 4 3 2 1 | N 35,313 64,138 101,995 95,739 40,256 337,441 201,446 2.88 1.16 French Liter N 298 391 446 420 440 | % At 10.5 19.0 30.2 28.4 11.9 59.7 | N 24,586 68,083 102,216 104,055 33,412 332,352 194,885 2.84 1.09 German Lang (Total Gro N 1,166 1,083 1,198 946 608 | 9% At 7.4 20.5 30.8 31.3 10.1 58.6 guage up) % At 23.3 21.7 24.0 | N 7,616 15,240 13,936 13,608 23,175 73,575 36,792 2.60 1.38 German Lang (Standard Gro N 249 675 932 777 521 | 9% At 10.4 20.7 18.9 18.5 31.5 50.0 | N 14,100 19,482 34,360 11,441 21,976 101,359 67,942 2.92 1.31 Government & Comparat N 2,919 3,144 3,072 3,031 2,562 | Politics ive MAt 13.9 19.2 33.9 11.3 21.7 67.0 | (Total Gro N 2,477 3,312 5,880 4,558 4,802 21,029 11,669 2.72 1.30 Government & United Sta N 24,906 32,225 48,287 46,046 38,534 | yp) | (Standard Gro N 990 2,134 4,579 3,901 4,097 15,701 7,703 2.49 1.19 Human Geo N 5,866 8,480 11,116 8,438 16,830 | 9 At 6.7 (1.9) (1. |
| 5 4 3 2 1 Number of Students 3 or Higher / % Mean Grade Standard Deviation Examination Grade 5 4 3 | N 35,313 64,138 101,995 95,739 40,256 337,441 201,446 2.88 1.16 French Liter N 298 391 446 420 | % At 10.5 19.0 30.2 28.4 11.9 59.7 | N 24,586 68,083 102,216 104,055 33,412 332,352 194,885 2.84 1.09 German Lang (Total Grown N 1,166 1,083 1,198 946 | 9% At 7.4 20.5 30.8 31.3 10.1 58.6 guage up) 9% At 23.3 21.7 24.0 18.9 | N 7,616 15,240 13,936 13,608 23,175 73,575 36,792 2.60 1.38 German Lang (Standard Gro N 249 675 932 777 | % At 10.4 20.7 18.5 31.5 50.0 50.0 guage pup)** % At 7.9 21.4 29.5 24.6 | N 14,100 19,482 34,360 11,441 21,976 101,359 67,942 2.92 1.31 Government & Comparat N 2,919 3,144 3,072 3,031 | Politics ive MAt 13.9 19.2 33.9 11.7 67.0 Politics ive MAt 19.8 21.3 20.9 20.6 | (Total Gro | Politics tees At At 11.8 15.7 28.0 21.7 22.8 55.5 Politics tees At 13.1 17.0 25.4 24.2 | (Standard Gro N 990 2,134 4,579 3,901 4,097 15,701 7,703 2.49 1.19 Human Geo N 5,866 8,480 11,116 8,438 | graphy graphy M At 6.3 13.6 29.2 24.8 26.1 49.1 |
| 5 4 3 2 1 Number of Students 3 or Higher / % Mean Grade Standard Deviation Examination Grade 5 4 3 2 1 | N 35,313 64,138 101,995 95,739 40,256 337,441 201,446 2.88 1.16 French Liter N 298 391 446 420 440 | % At 10.5 19.0 30.2 28.4 11.9 59.7 | N 24,586 68,083 102,216 104,055 33,412 332,352 194,885 2.84 1.09 German Lang (Total Gro N 1,166 1,083 1,198 946 608 | 9% At 7.4 20.5 30.8 31.3 10.1 58.6 guage up) 9% At 23.3 21.7 24.0 18.9 | N 7,616 15,240 13,936 13,608 23,175 73,575 36,792 2.60 1.38 German Lang (Standard Gro N 249 675 932 777 521 | % At 10.4 20.7 18.5 31.5 50.0 50.0 guage pup)** % At 7.9 21.4 29.5 24.6 | N 14,100 19,482 34,360 11,441 21,976 101,359 67,942 2.92 1.31 Government & Comparat N 2,919 3,144 3,072 3,031 2,562 | Politics ive MAt 13.9 19.2 33.9 11.7 67.0 Politics ive MAt 19.8 21.3 20.9 20.6 | (Total Gro N 2,477 3,312 5,880 4,558 4,802 21,029 11,669 2.72 1.30 Government & United Sta N 24,906 32,225 48,287 46,046 38,534 | Politics tees At At 11.8 15.7 28.0 21.7 22.8 55.5 Politics tees At 13.1 17.0 25.4 24.2 | (Standard Gro N 990 2,134 4,579 3,901 4,097 15,701 7,703 2.49 1.19 Human Geo N 5,866 8,480 11,116 8,438 16,830 | graphy Mat 6.3 13.6 29.2 24.8 26.1 49.1 49.1 11.6 16.7 21.9 16.6 |
| 5 4 3 2 1 Number of Students 3 or Higher / % Mean Grade Standard Deviation Examination Grade 5 4 3 2 1 Number of Students | N 35,313 64,138 101,995 95,739 40,256 337,441 201,446 2.88 1.16 French Liter N 298 391 446 420 440 1,995 | % At 10.5 19.0 30.2 28.4 11.9 59.7 59.7 | N 24,586 68,083 102,216 104,055 33,412 332,352 194,885 2.84 1.09 German Lang (Total Grown N 1,166 1,083 1,198 946 608 5,001 | 9% At 7.4 20.5 30.8 31.3 10.1 58.6 guage up) 9% At 23.3 21.7 24.0 18.9 12.2 | N 7,616 15,240 13,936 13,608 23,175 73,575 36,792 2.60 1.38 German Lang (Standard Gro N 249 675 932 777 521 3,154 | % At 10.4 20.7 18.9 18.5 31.5 50.0 50.0 9uage pup)** % At 7.9 21.4 29.5 24.6 16.5 | N 14,100 19,482 34,360 11,441 21,976 101,359 67,942 2.92 1.31 Government & Comparat N 2,919 3,144 3,072 3,031 2,562 14,728 | Politics ive 9 At 13.9 19.2 33.9 11.3 21.7 67.0 Ploitics ive 9 At 19.8 21.3 20.9 20.6 17.4 | (Total Gro | 9 At 11.8 15.7 28.0 21.7 22.8 55.5 55.5 Politics tees 9 At 13.1 17.0 25.4 24.2 20.3 | (Standard Gro N 990 2,134 4,579 3,901 4,097 15,701 7,703 2.49 1.19 Human Geo N 5,866 8,480 11,116 8,438 16,830 50,730 | graphy graphy % At 6.3 13.6 29.2 24.8 26.1 49.1 49.1 11.6 16.7 21.9 16.6 33.2 |

^{*} This table reflects 2,929,929 AP Examinations taken by 1,691,905 students from 17,374 secondary schools

^{**} Standard students generally receive most of their foreign language training in U.S. schools. They did not indicate on their answer sheet that they regularly speak or hear the foreign language of the examination, or that they have lived for one month or more in a country where the language is spoken.

STUDENT GRADE DISTRIBUTIONS* AP Examinations - May 2009 (continued)

| Examination Grade | Italian Language (Total Group) | | Italian Language (Standard Group)** | | Japanese Language (Total Group) | | Japanese Language (Standard Group)** | | Latin Literature | | Latin Vergil | |
|---|--|--|---|--|---|---|---|---|---|------------------------------|--|-----------------------------|
| | N | % At | N | % At | N | % At | N | % At | N | % At | N | % At |
| 5 | 408 | 17.9 | 113 | 7.4 | 1,018 | 48.8 | 243 | 21.8 | 559 | 13.7 | 841 | 19.6 |
| 4 | 322 | 14.1 | 215 | 14.1 | 214 | 10.3 | 144 | 12.9 | 646 | 15.8 | 802 | 18.7 |
| 3 | 546 | 23.9 | 392 | 25.6 | 412 | 19.8 | 325 | 29.2 | 975 | 23.8 | 1,094 | 25.5 |
| 2 | 463 | 20.3 | 371 | 24.3 | 135 | 6.5 | 123 | 11.0 | 695 | 17.0 | 788 | 18.3 |
| 1 | 543 | 23.8 | 438 | 28.6 | 306 | 14.7 | 279 | 25.0 | 1,218 | 29.8 | 770 | 17.9 |
| Number of Students | 2,282 | | 1,529 | | 2,085 | | 1,114 | | 4,093 | | 4,295 | |
| 3 or Higher / % | 1,276 | 55.9 | 720 | 47.1 | 1,644 | 78.8 | 712 | 63.9 | 2,180 | 53.3 | 2,737 | 63.7 |
| Mean Grade | 2.82 | | 2.47 | | 3.72 | | 2.95 | | 2.67 | | 3.04 | |
| Standard Deviation | 1.41 | | 1.24 | | 1.48 | | 1.45 | | 1.40 | | 1.37 | |
| | | | Music The | eon/ | Music The | eory. | | | | | | |
| Examination Grade | Music Theory | | Music Theory Aural Subscore | | Music Theory Nonaural Subscore | | Physics B | | Physics C E&M | | Physics C Mechanics | |
| | N | % At | Aurai Subs | % At | N N | % At | N | % At | N N | % At | N | % At |
| 5 | 2,544 | % At | 2,543 | % At | 2,555 | % At | 9,342 | % At | 4,303 | % At | 7,260 | % At |
| | | | | | | | | | | | | |
| 4 | 2,669 | 17.3 | 2,596 | 16.8 | 2,680 | 17.4 | 11,693 | 18.6 | 3,382 | 26.8 | 7,183 | 24.6 |
| 3 | 4,035 | 26.1 | 4,178 | 27.1 | 3,904 | 25.3 | 17,062 | 27.2 | 1,380 | 10.9 | 5,934 | 20.3 |
| 2 | 4,232 | 27.4 | 4,111 | 26.6 | 4,415 | 28.6 | 11,500 | 18.3 | 2,107 | 16.7 | 4,383 | 15.0 |
| 1 | 1,958 | 12.7 | 2,010 | 13.0 | 1,884 | 12.2 | 13,105 | 20.9 | 1,456 | 11.5 | 4,407 | 15.1 |
| Number of Students | 15,438 | | 15,438 | | 15,438 | | 62,702 | | 12,628 | | 29,167 | |
| 3 or Higher / % | 9,248 | 59.9 | 9,317 | 60.4 | 9,139 | 59.2 | 38,097 | 60.8 | 9,065 | 71.8 | 20,377 | 69.9 |
| Mean Grade | 2.97 | | 2.97 | | 2.97 | | 2.88 | | 3.55 | | 3.29 | |
| Standard Deviation | 1.27 | | 1.27 | | 1.27 | | 1.34 | | 1.40 | | 1.38 | |
| Examination Grade | Psychology | | Spanish Language (Total Group) | | Spanish Language (Standard Group)** | | Spanish Literature | | Statistics | | Studio Art Drawing | |
| | N | % At | N | % At | N | % At | N | % At | N | % At | N | % At |
| 5 | | | | | | 12 5 | | | | | | 13.6 |
| | 34,365 | 22.8 | 28,300 | 25.6 | 5,143 | 12.5 | 1,924 | 11.6 | 14,353 | 12.3 | 1,989 | |
| 4 | 40,564 | 26.9 | 28,948 | 26.1 | 8,599 | 20.9 | 3,081 | 18.5 | 26,050 | 22.3 | 2,638 | 18.1 |
| 4 3 | · · | | | | | | | | | | | |
| | 40,564 | 26.9 | 28,948 | 26.1 | 8,599 | 20.9 | 3,081 | 18.5 | 26,050 | 22.3 | 2,638 | 18.1 |
| 3 | 40,564 28,756 | 26.9 19.0 | 28,948 20,135 | 26.1 18.2 | 8,599 8,050 | 20.9 19.6 | 3,081 4,779 | 18.5 28.7 | 26,050 28,276 | 22.3 24.2 | 2,638 5,475 | 18.1 37.5 |
| 3 2 | 40,564 28,756 17,968 | 26.9 19.0 11.9 | 28,948 20,135 16,979 | 26.1 18.2 15.3 | 8,599 8,050 8,605 | 20.9 19.6 20.9 | 3,081 4,779 2,332 | 18.5 28.7 14.0 | 26,050 28,276 22,283 | 22.3 24.2 19.1 | 2,638 5,475 3,847 | 18.1 37.5 26.4 |
| 3 2 1 | 40,564 28,756 17,968 29,353 | 26.9 19.0 11.9 | 28,948 20,135 16,979 16,361 | 26.1 18.2 15.3 | 8,599 8,050 8,605 10,736 | 20.9 19.6 20.9 | 3,081 4,779 2,332 4,517 | 18.5 28.7 14.0 | 26,050 28,276 22,283 25,914 | 22.3 24.2 19.1 | 2,638 5,475 3,847 640 | 18.1 37.5 26.4 |
| 3 2 1 Number of Students | 40,564 28,756 17,968 29,353 151,006 | 26.9 19.0 11.9 19.4 | 28,948 20,135 16,979 16,361 110,723 | 26.1 18.2 15.3 14.8 | 8,599 8,050 8,605 10,736 41,133 | 20.9 19.6 20.9 26.1 | 3,081 4,779 2,332 4,517 | 18.5 28.7 14.0 27.2 | 26,050 28,276 22,283 25,914 | 22.3 24.2 19.1 22.2 | 2,638 5,475 3,847 640 14,589 | 18.1 37.5 26.4 4.4 |
| 3 2 1 Number of Students 3 or Higher / % | 40,564 28,756 17,968 29,353 151,006 | 26.9 19.0 11.9 19.4 | 28,948 20,135 16,979 16,361 110,723 77,383 | 26.1 18.2 15.3 14.8 | 8,599 8,050 8,605 10,736 41,133 21,792 | 20.9 19.6 20.9 26.1 | 3,081 4,779 2,332 4,517 16,633 | 18.5 28.7 14.0 27.2 | 26,050 28,276 22,283 25,914 116,876 68,679 | 22.3 24.2 19.1 22.2 | 2,638 5,475 3,847 640 14,589 | 18.1 37.5 26.4 4.4 |
| 3 2 1 Number of Students 3 or Higher / % Mean Grade | 40,564 28,756 17,968 29,353 151,006 103,685 3.22 | 26.9 19.0 11.9 19.4 | 26,948 20,135 16,979 16,361 110,723 77,383 | 26.1 18.2 15.3 14.8 | 8,599 8,050 8,605 10,736 41,133 21,792 | 20.9 19.6 20.9 26.1 | 3,081 4,779 2,332 4,517 16,633 9,784 | 18.5 28.7 14.0 27.2 | 26,050 28,276 22,283 25,914 116,876 68,679 | 22.3 24.2 19.1 22.2 | 2,638 5,475 3,847 640 14,589 10,102 | 18.1 37.5 26.4 4.4 |
| 3 2 1 Number of Students 3 or Higher / % Mean Grade | 40,564 28,756 17,968 29,353 151,006 103,685 3.22 | 26.9 19.0 11.9 19.4 | 26,948 20,135 16,979 16,361 110,723 77,383 | 26.1 18.2 15.3 14.8 | 8,599 8,050 8,605 10,736 41,133 21,792 | 20.9 19.6 20.9 26.1 | 3,081 4,779 2,332 4,517 16,633 9,784 | 18.5 28.7 14.0 27.2 | 26,050 28,276 22,283 25,914 116,876 68,679 | 22.3 24.2 19.1 22.2 | 2,638 5,475 3,847 640 14,589 10,102 | 18.1 37.5 26.4 4.4 |
| 3 2 1 Number of Students 3 or Higher / % Mean Grade Standard Deviation | 40,564 28,756 17,968 29,353 151,006 103,685 3.22 1.42 | 26.9 19.0 11.9 19.4 | 28,948 20,135 16,979 16,361 110,723 77,383 3.32 | 26.1 18.2 15.3 14.8 | 8,599 8,050 8,605 10,736 41,133 21,792 2.73 | 20.9 19.6 20.9 26.1 | 3,081 4,779 2,332 4,517 16,633 9,784 2.73 | 18.5 28.7 14.0 27.2 | 26,050 28,276 22,283 25,914 116,876 68,679 | 22.3 24.2 19.1 22.2 | 2,638 5,475 3,847 640 14,589 10,102 | 18.1 37.5 26.4 4.4 |
| 3 2 1 Number of Students 3 or Higher / % Mean Grade Standard Deviation | 40,564 28,756 17,968 29,353 151,006 103,685 3.22 1.42 Studio Art 2-D | 26.9 19.0 11.9 19.4 68.7 | 28,948 20,135 16,979 16,361 110,723 77,383 3.32 1.39 | 26.1 18.2 15.3 14.8 69.9 | 8,599 8,050 8,605 10,736 41,133 21,792 2.73 1.37 | 20.9 19.6 20.9 26.1 53.0 | 3,081 4,779 2,332 4,517 16,633 9,784 2.73 1.34 | 18.5 28.7 14.0 27.2 58.8 | 26,050 28,276 22,283 25,914 116,876 68,679 | 22.3 24.2 19.1 22.2 | 2,638 5,475 3,847 640 14,589 10,102 | 18.1 37.5 26.4 4.4 |
| 3 2 1 Number of Students 3 or Higher / % Mean Grade Standard Deviation Examination Grade | 40,564 28,756 17,968 29,353 151,006 103,685 3.22 1.42 Studio Art 2-D | 26.9 19.0 11.9 19.4 68.7 Design % At | 26,948 20,135 16,979 16,361 110,723 77,383 3.32 1.39 | 26.1 18.2 15.3 14.8 69.9 Design | 8,599 8,050 8,605 10,736 41,133 21,792 2.73 1.37 United States | 20.9 19.6 20.9 26.1 53.0 History % At | 3,081 4,779 2,332 4,517 16,633 9,784 2.73 1.34 | 18.5 28.7 14.0 27.2 58.8 | 26,050 28,276 22,283 25,914 116,876 68,679 | 22.3 24.2 19.1 22.2 | 2,638 5,475 3,847 640 14,589 10,102 | 18.1 37.5 26.4 4.4 |
| 3 2 1 Number of Students 3 or Higher / % Mean Grade Standard Deviation Examination Grade | 40,564 28,756 17,968 29,353 151,006 103,685 3.22 1.42 Studio Art 2-D N 2,156 | 26.9 19.0 11.9 19.4 68.7 Design % At 12.4 | 29,948 20,135 16,979 16,361 110,723 77,383 3.32 1.39 Studio Art 3-D N | 26.1 18.2 15.3 14.8 69.9 Design % At 9.1 | 8,599 8,050 8,605 10,736 41,133 21,792 2.73 1.37 United States N 39,784 | 20.9 19.6 20.9 26.1 53.0 History % At 11.0 | 3,081 4,779 2,332 4,517 16,633 9,784 2.73 1.34 World Hist N | 18.5 28.7 14.0 27.2 58.8 ory % At 11.1 | 26,050 28,276 22,283 25,914 116,876 68,679 | 22.3 24.2 19.1 22.2 | 2,638 5,475 3,847 640 14,589 10,102 | 18.1 37.5 26.4 4.4 |
| 3 2 1 Number of Students 3 or Higher / % Mean Grade Standard Deviation Examination Grade 5 4 3 | 40,564 28,756 17,968 29,353 151,006 103,685 3.22 1.42 Studio Art 2-D N 2,156 4,081 5,671 | 26.9 19.0 11.9 19.4 68.7 Design % At 12.4 23.5 32.6 | 28,948 20,135 16,979 16,361 110,723 77,383 3.32 1.39 Studio Art 3-D N 252 430 1,028 | 26.1 18.2 15.3 14.8 69.9 Design % At 9.1 15.6 37.2 | 8,599 8,050 8,605 10,736 41,133 21,792 2.73 1.37 United States N 39,784 69,619 79,776 | 20.9 19.6 20.9 26.1 53.0 History % At 11.0 19.3 22.1 | 3,081 4,779 2,332 4,517 16,633 9,784 2.73 1.34 World Hist N 15,950 22,987 33,507 | 18.5 28.7 14.0 27.2 58.8 ory % At 11.1 16.0 23.4 | 26,050 28,276 22,283 25,914 116,876 68,679 | 22.3 24.2 19.1 22.2 | 2,638 5,475 3,847 640 14,589 10,102 | 18.1 37.5 26.4 4.4 |
| 3 2 1 Number of Students 3 or Higher / % Mean Grade Standard Deviation Examination Grade 5 4 | 40,564 28,756 17,968 29,353 151,006 103,685 3.22 1.42 Studio Art 2-D N 2,156 4,081 | 26.9 19.0 11.9 19.4 68.7 Design % At 12.4 23.5 | 26,948 20,135 16,979 16,361 110,723 77,383 3.32 1.39 Studio Art 3-D N 252 430 | 26.1 18.2 15.3 14.8 69.9 Design % At 9.1 15.6 | 8,599 8,050 8,605 10,736 41,133 21,792 2.73 1.37 United States N 39,784 69,619 | 20.9 19.6 20.9 26.1 53.0 History % At 11.0 19.3 | 3,081 4,779 2,332 4,517 16,633 9,784 2.73 1.34 World Hist N 15,950 22,987 | 18.5 28.7 14.0 27.2 58.8 ory % At 11.1 16.0 | 26,050 28,276 22,283 25,914 116,876 68,679 | 22.3 24.2 19.1 22.2 | 2,638 5,475 3,847 640 14,589 10,102 | 18.1 37.5 26.4 4.4 |
| 3 2 1 Number of Students 3 or Higher / % Mean Grade Standard Deviation Examination Grade 5 4 3 2 | 40,564 28,756 17,968 29,353 151,006 103,685 3.22 1.42 Studio Art 2-D N 2,156 4,081 5,671 4,716 | 26.9 19.0 11.9 19.4 68.7 Design % At 12.4 23.5 32.6 27.1 | 20,948 20,135 16,979 16,361 110,723 77,383 3.32 1.39 Studio Art 3-D N 252 430 1,028 859 | 26.1 18.2 15.3 14.8 69.9 Design % At 9.1 15.6 37.2 31.1 | 8,599 8,050 8,605 10,736 41,133 21,792 2.73 1.37 United States N 39,784 69,619 79,776 90,872 | 20.9 19.6 20.9 26.1 53.0 History % At 11.0 19.3 22.1 25.2 | 3,081 4,779 2,332 4,517 16,633 9,784 2.73 1.34 World Hist N 15,950 22,987 33,507 35,238 | 18.5 28.7 14.0 27.2 58.8 ory <u>% At</u> 11.1 16.0 23.4 24.6 | 26,050 28,276 22,283 25,914 116,876 68,679 | 22.3 24.2 19.1 22.2 | 2,638 5,475 3,847 640 14,589 10,102 | 18.1 37.5 26.4 4.4 |
| 3 2 1 Number of Students 3 or Higher / % Mean Grade Standard Deviation Examination Grade 5 4 3 2 1 | 40,564 28,756 17,968 29,353 151,006 103,685 3.22 1.42 Studio Art 2-D N 2,156 4,081 5,671 4,716 763 | 26.9 19.0 11.9 19.4 68.7 Design % At 12.4 23.5 32.6 27.1 | 26,948 20,135 16,979 16,361 110,723 77,383 3.32 1.39 Studio Art 3-D N 252 430 1,028 859 192 | 26.1 18.2 15.3 14.8 69.9 Design % At 9.1 15.6 37.2 31.1 | 8,599 8,050 8,605 10,736 41,133 21,792 2.73 1.37 United States N 39,784 69,619 79,776 90,872 80,122 | 20.9 19.6 20.9 26.1 53.0 History % At 11.0 19.3 22.1 25.2 | 3,081 4,779 2,332 4,517 16,633 9,784 2.73 1.34 World Hist N 15,950 22,987 33,507 35,238 35,744 | 18.5 28.7 14.0 27.2 58.8 ory <u>% At</u> 11.1 16.0 23.4 24.6 | 26,050 28,276 22,283 25,914 116,876 68,679 | 22.3 24.2 19.1 22.2 | 2,638 5,475 3,847 640 14,589 10,102 | 18.1 37.5 26.4 4.4 |
| 3 2 1 Number of Students 3 or Higher / % Mean Grade Standard Deviation Examination Grade 5 4 3 2 1 Number of Students | 40,564 28,756 17,968 29,353 151,006 103,685 3.22 1.42 Studio Art 2-D N 2,156 4,081 5,671 4,716 763 17,387 | 26.9 19.0 11.9 19.4 68.7 Design % At 12.4 23.5 32.6 27.1 4.4 | 28,948 20,135 16,979 16,361 110,723 77,383 3.32 1.39 Studio Art 3-D N 252 430 1,028 859 192 2,761 | 26.1 18.2 15.3 14.8 69.9 Design % At 9.1 15.6 37.2 31.1 7.0 | 8,599 8,050 8,605 10,736 41,133 21,792 2.73 1.37 United States N 39,784 69,619 79,776 90,872 80,122 360,173 | 20.9 19.6 20.9 26.1 53.0 History % At 11.0 19.3 22.1 25.2 22.2 | 3,081 4,779 2,332 4,517 16,633 9,784 2.73 1.34 World Hist N 15,950 22,987 33,507 35,238 35,744 143,426 | 18.5 28.7 14.0 27.2 58.8 0ry % At 11.1 16.0 23.4 24.6 24.9 | 26,050 28,276 22,283 25,914 116,876 68,679 | 22.3 24.2 19.1 22.2 | 2,638 5,475 3,847 640 14,589 10,102 | 18.1 37.5 26.4 4.4 |
| 3 2 1 Number of Students 3 or Higher / % Mean Grade Standard Deviation Examination Grade 5 4 3 2 1 Number of Students 3 or Higher / % | 40,564 28,756 17,968 29,353 151,006 103,685 3.22 1.42 Studio Art 2-D N 2,156 4,081 5,671 4,716 763 17,387 11,908 | 26.9 19.0 11.9 19.4 68.7 Design % At 12.4 23.5 32.6 27.1 4.4 | 26,948 20,135 16,979 16,361 110,723 77,383 3.32 1.39 Studio Art 3-D N 252 430 1,028 859 192 2,761 1,710 | 26.1 18.2 15.3 14.8 69.9 Design % At 9.1 15.6 37.2 31.1 7.0 | 8,599 8,050 8,605 10,736 41,133 21,792 2.73 1.37 United States N 39,784 69,619 79,776 90,872 80,122 360,173 189,179 | 20.9 19.6 20.9 26.1 53.0 History % At 11.0 19.3 22.1 25.2 22.2 | 3,081 4,779 2,332 4,517 16,633 9,784 2.73 1.34 World Hist N 15,950 22,987 33,507 35,238 35,744 143,426 72,444 | 18.5 28.7 14.0 27.2 58.8 0ry % At 11.1 16.0 23.4 24.6 24.9 | 26,050 28,276 22,283 25,914 116,876 68,679 | 22.3 24.2 19.1 22.2 | 2,638 5,475 3,847 640 14,589 10,102 | 18.1 37.5 26.4 4.4 |

^{*} This table reflects 2,929,929 AP Examinations taken by 1,691,905 students from 17,374 secondary schools.

^{**} Standard students generally receive most of their foreign language training in U.S. schools. They did not indicate on their answer sheet that they regularly speak or hear the foreign language of the examination, or that they have lived for one month or more in a country where the language is spoken.