STUDENT SCORE DISTRIBUTIONS

Introduction

The May 2013 College Board AP Exams were taken by 2,218,578 students from 18,920 secondary schools. College and high school teachers, called Readers, who are familiar with college-level course demands, scored the free-response sections from the 3,938,100 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 score-setting thresholds for the 5-point AP score scale: 5 = extremely well qualified, 4 = well qualified, 3 = qualified, 2 = possibly qualified, 1 = no recommendation. Listed below are the Chief Readers who directed the scoring of the free-response sections of the May 2013 exams.

Summary Table of Students' Scores

The scores earned on the May 2013 AP Examinations are summarized in the form of score distributions shown in the table on the next two pages. For each exam, the table provides the number and percentages of students receiving each score, the total number of students, and the mean and standard deviation of scores.

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 Bob Nauman Biology Calculus Stephen Kokoska Chemistry Larry Funck Chinese Language Telee Richard Chi Computer Science Economics - Micro David Anderson Economics - Macro Arthur Raymond English Lang. & Comp. Mary Trachsel Warren Carson English Lit. & Comp. Arthur Samel Environmental Science

European History French Language Pascal Ifri German Language

Government & Politics: Comparative Government & Politics: United States

Human Geography Italian Language Japanese Language

Latin Music Physics Psychology Spanish Language Spanish Literature

Statistics Studio Art

United States History World History

University of Colorado - Boulder Domenic Castignetti Loyola University of Chicago Bloomsburg University Wheaton College University of Utah Elizabeth Johnson Xavier University Centre College Muhlenberg College University of Iowa

University of South Carolina - Upstate Bowling Green State University

Jeffrey Hamilton Baylor University Washington University Johanna Watzinger-Tharp University of Utah Glenn Hastedt James Madison University

James Riddlesperger Texas Christian University David Lanegran Macalester College Giuseppe Cavatorta University of Arizona George Mason University Sufumi So

Robert Cape Austin College Teresa Shelton Reed University of Tulsa Jiang Yu Fitchburg State University Elizabeth Hammer Xavier University of Louisiana Gustavo Fares Lawrence University

Hazel Gold **Emory University** Allan Rossman Cal Poly - San Luis Obispo Herb Weaver Georgia Gwinnett College Ernie Freeberg University of Tennessee Dean Ferguson Texas A & M University

STUDENT SCORE DISTRIBUTIONS* AP Exams - May 2013

									Calculus	RC .		
Exam Score	Art Histo	ory	Biology		Calculus AB		Calculus BC		Calculus AB Subscore		Chemistry	
	N	% At	N	% At	N	% At	N	% At	N	% At	N	% At
5	2,690	11.8	11,128	5.5	67,594	23.9	47,859	45.8	58,509	56.0	26,474	18.9
4 3	4,857 6,216	21.4 27.4	43,886 73,632	21.6 36.2	51,290 48,999	18.1 17.3	16,862 18,750	16.1 17.9	20,794 11,791	19.9 11.3	30,033 26,282	21.5 18.8
2	4,361	19.2	59,482	29.3	31,796	11.2	5,953	5.7	5,689	5.4	20,866	14.9
1	4,599	20.2	15,061	7.4	83,135	29.4	15,059	14.4	7,700	7.4	36,351	26.0
Number of Students	22,723		203,189		282,814		104,483		104,483		140,006	
3 or Higher / %	13,763	60.6	128,646	63.3	167,883	59.4	83,471	79.9	91,094	87.2	82,789	59.1
Mean Score	2.85		2.88		2.96		3.73		4.12		2.92	
Standard Deviation	1.29		1.01		1.56		1.45		1.24		1.47	
Exam Score	Chinese Lar	nanaae	Chinoso Longues									
	(Total Gro		Chinese Language (Standard Group)**		Computer Science A		Economics - Macro		Economics - Micro		English Lan	auaae
	N	% At	N	% At	N	% At	N	% At	N	% At	N	% At
5	7,050	69.7	520	26.5	8,268	26.6	15,781	14.6	12,244	18.1	48,796	10.2
4	1,475	14.6	404	20.6	8,276	26.6	25,084	23.2	19,292	28.6	77,349	16.2
3	1,081	10.7	599	30.5	4,339	13.9	17,922	16.6	13,492	20.0	136,023	28.6
2 1	228 287	2.3 2.8	190 248	9.7 12.6	2,168 8,066	7.0 25.9	20,657 28,775	19.1 26.6	10,066 12,411	14.9 18.4	141,919 72,190	29.8 15.2
Number of Students	10,121		1,961		31,117		108,219		67,505		476,277	
3 or Higher / %	9,606	94.9	1,523	77.7	20,883	67.1	58,787	54.3	45,028	66.7	262,168	55.0
Mean Score	4.46		3.39		3.21		2.80		3.13		2.77	
Standard Deviation	0.97		1.31		1.55		1.42		1.37		1.19	
-	-			0.:			French Lang	-	French Lang	-	German Lanç	
Exam Score	English Lite		Environmental		European H		(Total Gro	nb)	(Standard Gro	oup)**	(Total Gro	up)
Exam Score	N	erature % At 7.6	N	Science % At 8.0	N	istory % At 10.4	(Total Gro	-	(Standard Gro	-	(Total Gro	
		% At		% At		% At	(Total Gro	up) % At	(Standard Gro	oup)** % At	(Total Gro	up) % At
5 4 3	N 29,326 72,510 121,326	% At 7.6 18.8 31.5	9,433 27,668 19,896	% At 8.0 23.4 16.8	N 11,414 20,620 38,211	% At 10.4 18.8 34.8	(Total Ground N 4,018 5,434 6,740	yp) % At 19.4 26.2 32.5	(Standard Gro N 2,216 3,994 5,613	% At 14.0 25.3 35.6	(Total Gro N 1,286 1,163 1,408	9% At 25.9 23.4 28.4
5 4 3 2	N 29,326 72,510 121,326 122,109	% At 7.6 18.8 31.5 31.7	N 9,433 27,668 19,896 29,993	% At 8.0 23.4 16.8 25.4	N 11,414 20,620 38,211 12,110	% At 10.4 18.8 34.8 11.0	(Total Ground N 4,018 5,434 6,740 3,597	% At 19.4 26.2 32.5 17.4	(Standard Gro N 2,216 3,994 5,613 3,157	% At 14.0 25.3 35.6 20.0	(Total Gro N 1,286 1,163 1,408 811	% At 25.9 23.4 28.4 16.3
5 4 3	N 29,326 72,510 121,326	% At 7.6 18.8 31.5	9,433 27,668 19,896	% At 8.0 23.4 16.8	N 11,414 20,620 38,211	% At 10.4 18.8 34.8	(Total Ground N 4,018 5,434 6,740	yp) % At 19.4 26.2 32.5	(Standard Gro N 2,216 3,994 5,613	% At 14.0 25.3 35.6	(Total Gro N 1,286 1,163 1,408	9% At 25.9 23.4 28.4
5 4 3 2	N 29,326 72,510 121,326 122,109	% At 7.6 18.8 31.5 31.7	N 9,433 27,668 19,896 29,993	% At 8.0 23.4 16.8 25.4	N 11,414 20,620 38,211 12,110	% At 10.4 18.8 34.8 11.0	(Total Ground N 4,018 5,434 6,740 3,597	% At 19.4 26.2 32.5 17.4	(Standard Gro N 2,216 3,994 5,613 3,157	% At 14.0 25.3 35.6 20.0	(Total Gro N 1,286 1,163 1,408 811	wp) % At 25.9 23.4 28.4 16.3 6.0
5 4 3 2 1	N 29,326 72,510 121,326 122,109 40,305 385,576 223,162	% At 7.6 18.8 31.5 31.7	N 9,433 27,668 19,896 29,993 31,298	% At 8.0 23.4 16.8 25.4	N 11,414 20,620 38,211 12,110 27,523	% At 10.4 18.8 34.8 11.0	(Total Gro N 4,018 5,434 6,740 3,597 936	% At 19.4 26.2 32.5 17.4	(Standard Gro N 2,216 3,994 5,613 3,157 809	% At 14.0 25.3 35.6 20.0	(Total Gro N 1,286 1,163 1,408 811 298	% At 25.9 23.4 28.4 16.3
5 4 3 2 1 Number of Students 3 or Higher / % Mean Score	N 29,326 72,510 121,326 122,109 40,305 385,576 223,162	% At 7.6 18.8 31.5 31.7 10.5	N 9,433 27,668 19,896 29,993 31,298 118,288 56,997	% At 8.0 23.4 16.8 25.4 26.5	N 11,414 20,620 38,211 12,110 27,523 109,878 70,245	% At 10.4 18.8 34.8 11.0 25.0	(Total Gro N 4,018 5,434 6,740 3,597 936 20,725 16,192 3.39	yp) % At 19.4 26.2 32.5 17.4 4.5	(Standard Gro N 2,216 3,994 5,613 3,157 809 15,789 11,823 3.23	% At 14.0 25.3 35.6 20.0 5.1	(Total Gro N 1,286 1,163 1,408 811 298 4,966 3,857	wp) % At 25.9 23.4 28.4 16.3 6.0
5 4 3 2 1 Number of Students 3 or Higher / %	N 29,326 72,510 121,326 122,109 40,305 385,576 223,162	% At 7.6 18.8 31.5 31.7 10.5	N 9,433 27,668 19,896 29,993 31,298 118,288 56,997	% At 8.0 23.4 16.8 25.4 26.5	N 11,414 20,620 38,211 12,110 27,523 109,878 70,245	% At 10.4 18.8 34.8 11.0 25.0	(Total Gro N 4,018 5,434 6,740 3,597 936 20,725	yp) % At 19.4 26.2 32.5 17.4 4.5	(Standard Gro N 2,216 3,994 5,613 3,157 809 15,789 11,823	% At 14.0 25.3 35.6 20.0 5.1	(Total Gro N 1,286 1,163 1,408 811 298 4,966 3,857	wp) % At 25.9 23.4 28.4 16.3 6.0
5 4 3 2 1 Number of Students 3 or Higher / % Mean Score	N 29,326 72,510 121,326 122,109 40,305 385,576 223,162 2.81 1.09	% At 7.6 18.8 31.5 31.7 10.5	N 9,433 27,668 19,896 29,993 31,298 118,288 56,997 2.61 1.31	% At 8.0 23.4 16.8 25.4 26.5	N 11,414 20,620 38,211 12,110 27,523 109,878 70,245 2.78 1.29	% At 10.4 18.8 34.8 11.0 25.0	(Total Gro N 4,018 5,434 6,740 3,597 936 20,725 16,192 3.39	yp) % At 19.4 26.2 32.5 17.4 4.5	(Standard Gro N 2,216 3,994 5,613 3,157 809 15,789 11,823 3.23 1.08	9up)** 9 At 14.0 25.3 35.6 20.0 5.1	(Total Gro N 1,286 1,163 1,408 811 298 4,966 3,857 3.47	up) % At 25.9 23.4 28.4 16.3 6.0
5 4 3 2 1 Number of Students 3 or Higher / % Mean Score	N 29,326 72,510 121,326 122,109 40,305 385,576 223,162	% At 7.6 18.8 31.5 31.7 10.5	N 9,433 27,668 19,896 29,993 31,298 118,288 56,997	% At 8.0 23.4 16.8 25.4 26.5 48.2	N 11,414 20,620 38,211 12,110 27,523 109,878 70,245	% At 10.4 18.8 34.8 11.0 25.0 63.9	(Total Gro N 4,018 5,434 6,740 3,597 936 20,725 16,192 3.39	99 At 19.4 26.2 32.5 17.4 4.5	(Standard Gro N 2,216 3,994 5,613 3,157 809 15,789 11,823 3.23	9up)** 9 At 14.0 25.3 35.6 20.0 5.1	(Total Gro N 1,286 1,163 1,408 811 298 4,966 3,857	up) % At 25.9 23.4 28.4 16.3 6.0 77.7
5 4 3 2 1 Number of Students 3 or Higher / % Mean Score Standard Deviation	N 29,326 72,510 121,326 122,109 40,305 385,576 223,162 2.81 1.09 German Lang (Standard Gro	% At 7.6 18.8 31.5 31.7 10.5	N 9,433 27,668 19,896 29,993 31,298 118,288 56,997 2.61 1.31	% At 8.0 23.4 16.8 25.4 26.5 48.2	N 11,414 20,620 38,211 12,110 27,523 109,878 70,245 2.78 1.29 Government & United Sta	% At 10.4 18.8 34.8 11.0 25.0 63.9	(Total Gro N 4,018 5,434 6,740 3,597 936 20,725 16,192 3.39 1.11 Human Geog	yp)	(Standard Gro N 2,216 3,994 5,613 3,157 809 15,789 11,823 3.23 1.08 Italian Lange (Total Gro N	94.9 At 14.0 25.3 35.6 20.0 5.1 74.9 uage up) % At	(Total Gro N 1,286 1,163 1,408 811 298 4,966 3,857 3.47 1.21	up) % At 25.9 23.4 28.4 16.3 6.0 77.7
5 4 3 2 1 Number of Students 3 or Higher / % Mean Score Standard Deviation Exam Score	N 29,326 72,510 121,326 122,109 40,305 385,576 223,162 2.81 1.09 German Lang (Standard Gro	% At 7.6 18.8 31.5 31.7 10.5 57.9 guage bup)** % At 11.7	N 9,433 27,668 19,896 29,993 31,298 118,288 56,997 2.61 1.31 Government & Comparati N 3,830	% At 8.0 23.4 16.8 25.4 26.5 48.2 Politics ve % At 18.9	N 11,414 20,620 38,211 12,110 27,523 109,878 70,245 2.78 1.29 Government & United Sta N 28,784	% At 10.4 18.8 34.8 11.0 25.0 63.9	(Total Gro N 4,018 5,434 6,740 3,597 936 20,725 16,192 3.39 1.11 Human Geog N	yp)	(Standard Gro N 2,216 3,994 5,613 3,157 809 15,789 11,823 3.23 1.08 Italian Lange (Total Gro N 404	9 At 14.0 25.3 35.6 20.0 5.1 74.9 uage up) 9 At 20.4	(Total Gro N 1,286 1,163 1,408 811 298 4,966 3,857 3.47 1.21	yup) % At
5 4 3 2 1 Number of Students 3 or Higher / % Mean Score Standard Deviation Exam Score	N 29,326 72,510 121,326 122,109 40,305 385,576 223,162 2.81 1.09 German Lang (Standard Gro N 391 843	% At 7.6 18.8 31.5 31.7 10.5 57.9 guage pup)** % At 11.7 25.1	N 9,433 27,668 19,896 29,993 31,298 118,288 56,997 2.61 1.31 Government & Comparati N 3,830 4,305	% At 8.0 23.4 16.8 25.4 26.5 48.2	N 11,414 20,620 38,211 12,110 27,523 109,878 70,245 2.78 1.29 Government & United Sta N 28,784 36,474	% At 10.4 18.8 34.8 11.0 25.0 63.9 Politics tes % At 11.3 14.3	(Total Gro N 4,018 5,434 6,740 3,597 936 20,725 16,192 3.39 1.11 Human Geog N 13,719 23,238	yp) % At	(Standard Gro N 2,216 3,994 5,613 3,157 809 15,789 11,823 3.23 1.08 Italian Langu (Total Gro N 404 414	yup)** % At	(Total Gro	yup) % At 25.9 23.4 28.4 16.3 6.0 6.0 77.7 Guage oup)** % At 10.1 21.5 1.5
5 4 3 2 1 Number of Students 3 or Higher / % Mean Score Standard Deviation Exam Score 5 4 3	N 29,326 72,510 121,326 122,109 40,305 385,576 223,162 2.81 1.09 German Lang (Standard Grown N 391 843 1,165	% At 7.6 18.8 31.5 31.7 10.5 57.9 guage pup)** % At 11.7 25.1 34.7	N 9,433 27,668 19,896 29,993 31,298 118,288 56,997 2.61 1.31 Government & Comparati N 3,830 4,305 4,007	Politics ve % At 8.0 23.4 16.8 25.4 26.5 48.2 Politics ve % At 18.9 21.2 19.7	N 11,414 20,620 38,211 12,110 27,523 109,878 70,245 2.78 1.29 Government & United Sta N 28,784 36,474 66,767	MAT 10.4 18.8 34.8 11.0 25.0 63.9 Politics tes % At 11.3 14.3 26.1	(Total Gro N 4,018 5,434 6,740 3,597 936 20,725 16,192 3.39 1.11 Human Geog N 13,719 23,238 23,709	yp) % At 19.4 26.2 32.5 17.4 4.5 78.1 raphy % At 12.0 20.3 20.7	(Standard Gro N 2,216 3,994 5,613 3,157 809 15,789 11,823 3.23 1.08 Italian Lange (Total Gro N 404 414 571	pup)** % At 14.0 25.3 35.6 20.0 5.1 74.9 uage up) % At 20.4 20.9 28.8	(Total Gro	up) % At 25.9 23.4 28.4 16.3 6.0 77.7 77.7 9uage oup)** % At 10.1 21.5 34.0
5 4 3 2 1 Number of Students 3 or Higher / % Mean Score Standard Deviation Exam Score	N 29,326 72,510 121,326 122,109 40,305 385,576 223,162 2.81 1.09 German Lang (Standard Gro N 391 843	% At 7.6 18.8 31.5 31.7 10.5 57.9 guage pup)** % At 11.7 25.1	N 9,433 27,668 19,896 29,993 31,298 118,288 56,997 2.61 1.31 Government & Comparati N 3,830 4,305	% At 8.0 23.4 16.8 25.4 26.5 48.2	N 11,414 20,620 38,211 12,110 27,523 109,878 70,245 2.78 1.29 Government & United Sta N 28,784 36,474	% At 10.4 18.8 34.8 11.0 25.0 63.9 Politics tes % At 11.3 14.3	(Total Gro N 4,018 5,434 6,740 3,597 936 20,725 16,192 3.39 1.11 Human Geog N 13,719 23,238	yp) % At	(Standard Gro N 2,216 3,994 5,613 3,157 809 15,789 11,823 3.23 1.08 Italian Langu (Total Gro N 404 414	yup)** % At	(Total Gro	yup) % At
5 4 3 2 1 Number of Students 3 or Higher / % Mean Score Standard Deviation Exam Score 5 4 3	N 29,326 72,510 121,326 122,109 40,305 385,576 223,162 2.81 1.09 German Lang (Standard Grown N 391 843 1,165 685	% At 7.6 18.8 31.5 31.7 10.5 57.9 guage bup!** % At 11.7 25.1 34.7 20.4	N 9,433 27,668 19,896 29,993 31,298 118,288 56,997 2.61 1.31 Government & Comparati N 3,830 4,305 4,007 4,641	M At 8.0 23.4 16.8 25.4 26.5 48.2 Politics ive % At 18.9 21.2 19.7 22.8	N 11,414 20,620 38,211 12,110 27,523 109,878 70,245 2.78 1.29 Government & United Sta N 28,784 36,474 66,767 63,536	MAT 10.4 18.8 34.8 11.0 25.0 63.9 Politics tes % At 11.3 14.3 26.1 24.8	(Total Gro N 4,018 5,434 6,740 3,597 936 20,725 16,192 3.39 1.11 Human Geog N 13,719 23,238 23,709 21,321	raphy **Raphy **Rap	(Standard Gro N 2,216 3,994 5,613 3,157 809 15,789 11,823 3.23 1.08 Italian Lange (Total Gro N 404 414 571 454	pup)** % At 14.0 25.3 35.6 20.0 5.1 74.9 uage up) % At 20.4 20.9 28.8 22.9	(Total Gro	guage oup)** % At 25.9 23.4 28.4 16.3 6.0 77.7
5 4 3 2 1 Number of Students 3 or Higher / % Mean Score Standard Deviation Exam Score 5 4 3 2 1	N 29,326 72,510 121,326 122,109 40,305 385,576 223,162 2.81 1.09 German Lang (Standard Grown N 391 843 1,165 685 271	% At 7.6 18.8 31.5 31.7 10.5 57.9 guage bup!** % At 11.7 25.1 34.7 20.4	N 9,433 27,668 19,896 29,993 31,298 118,288 56,997 2.61 1.31 Government & Comparati N 3,830 4,305 4,007 4,641 3,534	M At 8.0 23.4 16.8 25.4 26.5 48.2 Politics ive % At 18.9 21.2 19.7 22.8	N 11,414 20,620 38,211 12,110 27,523 109,878 70,245 2.78 1.29 Government & United Sta N 28,784 36,474 66,767 63,536 60,197	MAT 10.4 18.8 34.8 11.0 25.0 63.9 Politics tes % At 11.3 14.3 26.1 24.8	(Total Gro N 4,018 5,434 6,740 3,597 936 20,725 16,192 3.39 1.11 Human Geog N 13,719 23,238 23,709 21,321 32,374	raphy **Raphy **Rap	(Standard Gro N 2,216 3,994 5,613 3,157 809 15,789 11,823 3.23 1.08 Italian Lange (Total Gro N 404 414 571 454 137	pup)** % At 14.0 25.3 35.6 20.0 5.1 74.9 uage up) % At 20.4 20.9 28.8 22.9	(Total Gro	guage oup)** guage 10.1 21.5 34.0 27.4
5 4 3 2 1 Number of Students 3 or Higher / % Mean Score Standard Deviation Exam Score 5 4 3 2 1 Number of Students	N 29,326 72,510 121,326 122,109 40,305 385,576 223,162 2.81 1.09 German Lang (Standard Grown Standard Grown Sta	% At 7.6 18.8 31.5 31.7 10.5 57.9 guage bup)** % At 11.7 25.1 34.7 20.4 8.1	N 9,433 27,668 19,896 29,993 31,298 118,288 56,997 2.61 1.31 Government & Comparati N 3,830 4,305 4,007 4,641 3,534 20,317	Politics ve 9. At 8.0 23.4 16.8 25.4 26.5 48.2 Politics ve 9. At 18.9 21.2 19.7 22.8 17.4	N 11,414 20,620 38,211 12,110 27,523 109,878 70,245 2.78 1.29 Government & United Sta N 28,784 36,474 66,767 63,536 60,197 255,758	MAT 10.4 18.8 34.8 11.0 25.0 63.9 Politics tes	(Total Gro N 4,018 5,434 6,740 3,597 936 20,725 16,192 3.39 1.11 Human Geog N 13,719 23,238 23,709 21,321 32,374 114,361	raphy % At 12.0 20.3 20.7 18.6 28.3	(Standard Gro N 2,216 3,994 5,613 3,157 809 15,789 11,823 3.23 1.08 Italian Lange (Total Gro N 404 414 571 454 137 1,980	pup)** 9 At 14.0 25.3 35.6 20.0 5.1 74.9 4.9 20.4 20.9 28.8 22.9 6.9	(Total Gro	yue) % At 25.9 23.4 28.4 16.3 6.0 6.0 77.7 77.7

^{*} This table reflects 3,938,100 AP Exams taken by 2,218,578 students from 18,920 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 exam, or that they have lived for one month or more in a country where the language is spoken.

STUDENT SCORE DISTRIBUTIONS*

AP Exams - May 2013 (continued)

	I		Γ								I	
F 0	Japanese Language		Japanese Language		l ori-		Manaia Thomas		Music Theory Aural		Music Theory Nonaural	
Exam Score	(Total Group)		(Standard Group)**		Latin		Music The		Subscore		Subscore	
	N	% At	N 214	% At	N	% At	N 2.427	% At	N 2.270	% At	N 2.412	% At
5	995	44.5	214	18.3	939	14.1	3,427	18.8	3,378	18.6	3,412	18.8
4	237	10.6	136	11.6	1,395	20.9	3,024	16.6	2,937	16.1	2,834	15.6
3	477	21.4	360	30.8	2,108	31.6	4,655	25.6	4,964	27.3	4,639	25.5
2	165	7.4	140	12.0	1,524	22.9	4,555	25.0	4,265	23.4	4,677	25.7
1	360	16.1	319	27.3	701	10.5	2,531	13.9	2,648	14.6	2,630	14.5
Number of Students	2,234		1,169		6,667		18,192		18,192		18,192	
3 or Higher / %	1,709	76.5	710	60.7	4,442	66.6	11,106	61.0	11,279	62.0	10,885	59.8
Mean Score	3.60		2.82		3.05		3.01		3.01		2.98	
Standard Deviation	1.50		1.42		1.19		1.31		1.31		1.32	
									Spanish Lang	guage	Spanish Lang	uage
Exam Score	Physics B		Physics C E&M		Physics C Mechanics		Psychology		(Total Group)		(Standard Group)**	
	N % At		N % At		N % At		N	% At	N	% At	N % At	
5	14,804	16.6	6,136	31.7	12,206	28.5	50,740	21.2	33,897	25.1	6,222	13.5
4	17,746	19.9	4,661	24.1	11,131	26.0	63,471	26.6	34,641	25.6	9,906	21.5
3	23,341	26.1	2,655	13.7	8,640	20.2	46,651	19.5	26,768	19.8	9,764	21.2
2	14,525	16.3	3,687	19.0	6,087	14.2	30,976	13.0	22,001	16.3	9,680	21.0
1	18,847	21.1	2,241	11.6	4,794	11.2	47,124	19.7	17,952	13.3	10,573	22.9
Number of Students	89,263		19,380		42,858		238,962		135,259		46,145	
3 or Higher / %	55,891	62.6	13,452	69.4	31,977	74.6	160,862	67.3	95,306	70.5	25,892	56.1
Mean Score	2.95		3.45		3.46		3.17		3.33		2.82	
Standard Deviation	1.37		1.40		1.33		1.42		1.36		1.36	
	Spanish Literature		Contain		Cu l'a Au Day in		0		Ct. I'm A t O D D to the		United States History	
Exam Score	(Total Group)		Statistics		Studio Art Drawing		Studio Art 2-D		Studio Art 3-D		United States History	
_	N	% At	N	% At	N	% At	N	% At	N	% At	N	% At
5	2,020	10.8	21,622	12.8	2,543	15.3	3,346	13.4	453	10.9	47,098	10.6
4	5,293	28.2	34,460	20.3	3,388	20.4	7,797	31.3	808	19.4	95,413	21.5
3	7,067	37.6	42,020	24.8	7,093	42.7	8,583	34.4	1,565	37.6	95,660	21.6
2	3,422	18.2	31,813	18.8	3,131	18.9	4,420	17.7	1,095	26.3	119,665	27.0
1	983	5.2	39,593	23.4	442	2.7	782	3.1	246	5.9	85,054	19.2
Number of Students	18,785		169,508		16,597		24,928		4,167		442,890	
3 or Higher / %	14,380	76.6	98,102	57.9	13,024	78.5	19,726	79.1	2,826	67.8	238,171	53.8
Mean Score	3.21		2.80		3.27		3.34		3.03		2.77	
Standard Deviation	1.03		1.34		1.02		1.02		1.06		1.28	
	1.03											
	1.03								I			
Exam Score	World Hist	tory % At										
Exam Score	World Hist											
5 4	World Hist N	% At										
5	World Hist N 13,481	% At 5.9										
5 4	World Hist N 13,481 31,419	% At 5.9 13.7										
5 4 3	World Hist N 13,481 31,419 67,584	% At 5.9 13.7 29.4										
5 4 3 2	World Hist N 13,481 31,419 67,584 69,590	% At 5.9 13.7 29.4 30.2										
5 4 3 2 1	World Hist N 13,481 31,419 67,584 69,590 48,033	% At 5.9 13.7 29.4 30.2										
5 4 3 2 1 Number of Students	World Hist N 13,481 31,419 67,584 69,590 48,033 230,107	% At 5.9 13.7 29.4 30.2 20.9										

Standard Deviation

1.14

^{*} This table reflects 3,938,100 AP Exams taken by 2,218,578 students from 18,920 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 exam, or that they have lived for one month or more in a country where the language is spoken.