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ADVANCED PLACEMENT PROGRAM®

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NATIONAL  
*Summary Reports*

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The College Board  
Educational Excellence for All Students

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Founded in 1900, the College Board is a not-for-profit educational association that supports academic preparation and transition to higher education for students around the world through the ongoing collaboration of its member schools, colleges, universities, educational systems, and organizations. In all of its activities, the Board promotes equity through universal access to high standards of teaching and learning and sufficient financial resources so that every student has the opportunity to succeed in college and work. The College Board champions – by means of superior research; curricular development; assessment; guidance, placement, and admission information; professional development; forums; policy analysis; and public outreach – educational excellence for all students.

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## **FOREWORD**

The Advanced Placement Program® (AP®), a cooperative educational endeavor, is based on the premise that college-level material can be taught successfully to able and well-prepared secondary school students. Participating colleges, in turn, grant credit, appropriate placement, or both to students who have done well on the AP Examinations. Approximately 59 percent of the nation's nearly 22,000 high schools offer some college-level AP course work, and more than 700,000 students participated in the AP Program this year. Use by both schools and students has grown steadily in recent years.

As an intermediary agent of the participating institutions, the AP Program:

- provides conferences, consultants, and curricular materials to help interested schools establish college-level courses;
- furnishes and grades examinations based on the goals set forth in the AP Course Descriptions;
- sends examination grades to the students, their schools, and their designated colleges;
- prepares related publications;
- supports appropriate research; and
- provides reports to students, schools, school districts, colleges, systems and consortia of colleges and universities, and state agencies.

In response to increased interest in the Advanced Placement Program, the College Board produces, as part of its reporting process, the following series of tables reflecting student participation in the 1999 AP Examinations. A more detailed understanding of AP trends and related information can be found in the companion publication, the *1999 AP Yearbook*.

The Advanced Placement Program is sponsored by the College Board with the advice of national groups of educators, its Academic Council, and its academic advisory committees in the disciplines concerned.

The College Board, with headquarters in New York City, is a not-for-profit membership organization of 3,000 colleges and universities, schools, school systems, and education associations. Its regional offices are identified on the back cover of this publication.

In the operation of most of its testing programs and related services, the College Board contracts for technical and operational services with Educational Testing Service (ETS), an independent, nonprofit agency with headquarters in Princeton, New Jersey.

## **1999 AP NATIONAL SUMMARY REPORT TABLES**

In each table, for each racial/ethnic group (self-reported by students), AP grade distributions, totals, and mean (average) grades for each AP Examination are given. The AP grading scale should be interpreted as follows: 5 = extremely well qualified, 4 = well qualified, 3 = qualified, 2 = possibly qualified, 1 = no recommendation. The last column in each table summarizes the performance of AP candidates at each grade level. The eight examples below, taken from the national summary tables, illustrate ways in which the data can be used.

<i>Reference Page</i>	
5	<b>All Candidates</b> The National Total line indicates 685,981 candidates took 1,122,414 Advanced Placement Examinations in 1999. These candidates represented 12,229 U.S. secondary schools. Total program participation also included 27,101 examinations (for a global total of 1,149,515 exams) taken by 18,317 candidates from approximately 657 schools abroad.
6	<b>Males</b> 81,816 or 46% of all AP United States History Examinations were taken by males.
7	<b>Females</b> 58,487 or 47% of all AP Calculus AB Examinations were taken by females.
8	<b>12th-Grade Candidates</b> 159,690 or 46% of all 12th-grade candidates took the AP English Literature and Composition Examination.
9	<b>11th-Grade Candidates</b> 264,811 or 39% of all candidates taking AP Examinations were secondary school juniors.
10	<b>Reports Designated for In-State Colleges</b> 9,554 or 63% of students who identified themselves as Black/African Americans designated in-state colleges to receive their AP Grade Reports instead of out-of-state colleges (also see page 11).
11	<b>Reports Designated for Out-of-State Colleges</b> Of the 405,531 AP Examination grades of 3-5 that were reported to colleges, candidates designated 40% of these grades to be sent to out-of-state colleges.
12	<b>Participation by Exam: Public School Candidates</b> 41,933 or 63% of the public school candidates taking the AP Biology Examination earned grades of 3, 4, or 5.

















## PROGRAM SUMMARY REPORT

	SCHOOLS	STUDENTS IN						COLLEGE	OTHER	MALE	FEMALE	1998 PROGRAM TOTAL	1999 PROGRAM TOTAL	% PROGRAM CHANGE	NO. OF COLLEGES
		9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE	COLLEGE									
ART HISTORY	773	9	953	2,132	5,744	1	199	3,259	5,779	7,332	9,038	23	780		
ART - DRAWING	1,123	5	42	836	3,208	0	113	1,801	2,403	3,686	4,204	14	775		
ART - GENERAL	1,887	4	91	1,361	7,023	3	287	3,301	5,468	8,094	8,769	8	1,087		
BIOLOGY	6,162	415	5,881	30,727	43,760	13	1,796	35,146	47,446	75,461	82,592	9	1,961		
CALCULUS AB	9,334	108	1,172	16,320	107,624	14	2,506	67,740	60,004	117,671	127,744	9	2,188		
CALCULUS BC	2,884	43	507	5,071	24,544	3	556	19,047	11,677	27,088	30,724	13	1,071		
CHEMISTRY	4,672	27	2,024	24,429	21,429	4	986	27,841	21,058	44,937	48,899	9	1,545		
COMP SCI - A	1,840	83	1,311	4,364	6,227	4	229	10,205	2,013	6,478	12,218	89	937		
COMP SCI - AB	1,126	52	556	2,352	3,538	3	118	5,997	622	4,057	6,619	63	557		
*ECONOMICS - MICRO	1,224	57	226	2,241	11,983	7	353	8,773	6,094	13,243	14,867	12	977		
*ECONOMICS - MACRO	1,463	57	313	2,448	16,738	7	451	11,448	8,566	17,668	20,014	13	1,095		
ENG LANG/COMP	4,922	22	1,011	67,989	26,557	19	1,772	36,767	60,603	80,016	97,370	22	2,017		
ENG LIT/COMP	9,751	5	114	10,076	162,802	37	3,187	64,181	112,040	167,194	176,221	5	2,523		
ENVIRONMENTAL SCI	727	73	190	2,759	5,966	3	218	4,061	5,148	5,163	9,209	78	853		
EUROPEAN HIST	3,183	157	25,410	8,434	19,657	5	1,096	26,152	28,607	48,298	54,759	13	1,562		
FRENCH LANG	2,814	105	691	4,028	9,784	3	420	4,569	10,462	13,721	15,031	10	993		
FRENCH LIT	383	6	68	318	1,119	0	36	463	1,084	1,618	1,547	-4	242		
GERMAN LANG	1,102	57	195	816	2,401	1	114	1,712	1,872	3,493	3,584	3	591		
*GOVT&POL - U.S.	3,554	22	1,689	5,790	48,356	11	1,147	27,557	29,458	49,934	57,015	14	1,705		
*GOVT&POL - COMP	806	1	389	904	6,026	0	143	3,968	3,495	6,835	7,463	9	762		
INTL. ENGLISH LANGUAGE	72	2	3	108	64	0	4,456	1,932	2,701	3,752	4,633	23	27		
*LATIN - VERGIL	560	14	270	1,604	1,457	0	54	1,795	1,604	3,311	3,399	3	433		
*LATIN - LITERATURE	378	3	79	911	1,172	0	47	1,094	1,118	2,055	2,212	8	346		
MUSIC THEORY	1,197	44	324	1,394	2,970	5	83	2,513	2,307	4,084	4,820	18	710		
PHYSICS B	2,713	23	436	9,332	17,294	10	590	18,065	9,620	24,276	27,685	14	1,257		
*PHYSICS C - MECH	1,793	6	100	1,471	12,557	4	281	10,649	3,770	12,939	14,419	11	790		
*PHYSICS C - E&M	1,084	4	58	591	6,306	4	139	5,572	1,530	6,415	7,102	11	527		
PSYCHOLOGY	1,706	13	590	7,549	19,514	4	621	9,466	18,825	21,974	28,291	29	1,444		
SPANISH LANG	4,687	735	5,182	19,656	31,285	76	1,406	20,932	37,408	51,424	58,340	13	1,656		
SPANISH LIT	946	26	459	2,384	4,858	4	267	2,607	5,391	6,975	7,998	15	649		
STATISTICS	1,795	47	908	4,612	19,186	6	481	12,952	12,288	15,486	25,240	63	1,222		
U.S. HISTORY	7,816	117	10,015	150,110	13,864	17	3,366	82,430	95,059	161,979	177,489	10	2,265		
TOTAL NO. OF EXAMS TAKEN	2,342	61,257	393,117	665,013	268	27,518	533,995	615,520	1,016,657	1,149,515	13				
TOTAL NO. OF CANDIDATES	2,018	47,847	239,859	330,117	186	15,141	282,997	352,171	635,168	704,298	11				

\* The 1998 and 1999 program totals for these exams reflect the number of examinations taken by candidates who took either one or both exams for a single fee. The 1999 totals for candidates who took both exams are: Economics: Microeconomics and Macroeconomics (9,488); Government and Politics: Comparative and United States (6,243); Latin: Vergil and Latin Literature (17); and Physics C: Mechanics and Physics C: Electricity and Magnetism (6,953).



**SCHOOL REPORT OF AP EXAMINATIONS (BY STATE)**

STATE	11TH & 12TH GRADE ENROLLMENT*	TOTAL AP CANDIDATES		TOTAL AP EXAMS		AP EXAMS PER 1000 11TH & 12TH GRADERS**		EXAM CHG PER 1000 11TH & 12TH GRADERS		% OF GRADES 3 OR ABOVE	
		1998	1999	1998	1999	1998	1999	1998-99	1999	1998	1999
Alabama	97,093	6,045	5,992	8,982	8,782	84	82	-2	57.3%	57.5%	
Alaska	17,304	1,449	1,496	2,542	2,642	150	145	-5	63.6%	67.9%	
Arizona	106,338	6,554	7,266	10,449	11,325	107	99	-8	63.0%	61.7%	
Arkansas	64,851	2,776	3,333	4,181	5,116	62	72	+10	52.0%	52.2%	
California	766,243	104,912	119,358	175,182	203,523	221	238	+17	65.7%	64.2%	
Colorado	93,998	9,207	10,363	13,757	16,040	147	158	+11	66.3%	64.9%	
Connecticut	75,742	9,708	11,081	16,164	18,645	218	233	+15	72.1%	72.3%	
Delaware	17,247	1,876	1,999	3,073	3,405	176	182	+6	71.2%	72.6%	
District of Columbia	7,928	1,713	1,799	3,038	3,233	359	388	+29	73.4%	77.1%	
Florida	281,865	37,034	40,706	62,955	70,346	215	226	+11	56.2%	57.3%	
Georgia	166,008	16,416	18,574	25,365	29,911	144	169	+25	60.3%	58.6%	
Hawaii	29,749	2,806	3,096	4,618	5,056	157	164	+7	67.2%	65.7%	
Idaho	37,544	1,736	1,985	2,546	2,941	67	77	+10	67.1%	63.3%	
Illinois	295,273	24,326	26,740	41,904	46,160	144	144	+0	72.3%	71.8%	
Indiana	142,248	9,294	9,674	13,844	14,488	91	98	+7	50.2%	50.8%	
Iowa	81,555	3,470	3,659	4,874	5,241	54	59	+5	70.0%	69.8%	
Kansas	68,885	2,793	3,182	3,842	4,253	51	56	+5	64.6%	63.6%	
Kentucky	86,874	6,202	6,806	9,519	10,293	98	112	+14	50.7%	50.4%	
Louisiana	103,011	3,114	3,290	4,762	5,039	42	46	+4	63.8%	63.9%	
Maine	30,555	2,670	3,123	3,788	4,463	118	137	+19	67.4%	67.2%	
Maryland	112,559	16,172	17,746	25,542	28,962	216	234	+18	71.5%	71.0%	
Massachusetts	133,336	18,054	19,669	29,224	32,350	213	230	+17	72.0%	71.4%	
Michigan	229,833	17,783	19,470	26,940	29,885	112	122	+10	65.3%	65.5%	
Minnesota	128,072	11,041	11,893	16,151	17,870	105	123	+18	58.6%	61.4%	
Mississippi	62,699	2,591	2,972	3,839	4,331	58	65	+7	45.5%	40.3%	
Missouri	127,752	4,841	5,447	7,745	8,775	56	64	+8	74.6%	73.5%	
Montana	25,079	1,386	1,528	1,856	2,170	72	82	+10	66.9%	72.0%	
Nebraska	47,595	1,762	1,611	2,448	2,235	50	45	-5	62.7%	63.9%	
Nevada	39,424	2,568	2,921	4,359	5,080	118	124	+6	56.0%	57.6%	
New Hampshire	30,085	2,790	3,114	4,172	4,577	138	147	+9	70.4%	68.0%	
New Jersey	157,569	21,430	23,866	35,780	40,828	210	245	+35	70.6%	70.3%	
New Mexico	42,348	2,640	3,072	3,791	4,683	83	106	+23	56.1%	55.6%	
New York	376,671	65,972	70,201	105,751	114,259	256	276	+20	64.1%	64.4%	
North Carolina	149,239	17,597	20,170	28,074	34,169	190	219	+29	59.9%	56.6%	
North Dakota	19,982	529	597	763	859	38	41	+3	72.1%	71.8%	
Ohio	276,046	20,058	21,856	30,274	33,272	103	112	+9	65.5%	64.9%	
Oklahoma	84,159	4,502	5,616	6,963	8,581	71	93	+22	58.8%	58.2%	
Oregon	78,947	4,396	4,533	6,126	6,396	75	77	+2	67.1%	68.5%	
Pennsylvania	277,096	22,603	25,004	34,682	39,224	116	131	+15	65.7%	65.5%	
Rhode Island	21,187	1,906	2,071	2,868	3,177	131	140	+9	69.4%	69.0%	
South Carolina	82,047	10,188	10,549	16,369	16,803	191	193	+2	55.1%	56.0%	
South Dakota	22,291	1,086	1,100	1,536	1,637	68	72	+4	55.5%	57.8%	
Tennessee	112,778	8,445	9,080	12,932	14,376	104	121	+17	64.7%	64.8%	
Texas	469,006	44,093	51,228	74,192	88,485	149	178	+29	57.8%	56.2%	
Utah	75,450	11,845	12,025	18,796	19,132	231	235	+4	67.6%	68.8%	
Vermont	16,719	1,489	1,700	2,123	2,506	123	142	+19	64.5%	65.7%	
Virginia	149,766	23,214	28,047	39,449	49,061	249	302	+53	65.6%	63.3%	
Washington	149,061	8,722	10,120	12,370	14,685	82	93	+11	68.4%	66.9%	
West Virginia	44,847	2,212	2,198	3,224	3,305	66	72	+6	55.2%	55.7%	
Wisconsin	143,938	11,887	12,558	17,751	19,146	117	125	+8	68.3%	68.5%	
Wyoming	15,345	354	497	477	693	31	44	+13	63.7%	56.6%	
<b>TOTAL (U.S.)</b>	<b>6,271,237</b>	<b>618,257</b>	<b>685,981</b>	<b>991,952</b>	<b>1,122,414</b>	<b>150</b>	<b>165</b>	<b>+15</b>	<b>64.1%</b>	<b>63.5%</b>	
<b>NON U.S./U.S. TERR/CAN</b>		<b>16,911</b>	<b>18,317</b>	<b>24,705</b>	<b>27,101</b>				<b>74.4%</b>	<b>74.8%</b>	
<b>GRAND TOTAL</b>	<b>6,271,237</b>	<b>635,168</b>	<b>704,298</b>	<b>1,016,657</b>	<b>1,149,515</b>				<b>64.4%</b>	<b>63.8%</b>	

\*Source: Applied Educational Research Inc. of Princeton, NJ

\*\*This is the number of exams taken by the current year's 11th and 12th grade AP candidates (number of exams not shown) divided by the state's "11th and 12th Grade Enrollment" x 1000.

## **AP Resources for Administrators**

### **Publications**

Numerous AP publications are routinely sent to participating schools, including:

- A *Secondary School Guide to the AP Program*: this guide is a comprehensive consideration of the AP Program. It covers topics such as: developing or expanding an AP program; gaining faculty, administration, and community support; AP grade reports, their use and interpretation; AP Scholar Awards; receiving college credit for AP; AP teacher training resources; descriptions of successful AP programs in nine schools around the country; and "Voices of Experience," a collection of ideas and tips from AP teachers and administrators.
- *College and University Guide to the AP Program*: this guide is intended to help college and university faculty and administrators understand the benefits of having a coherent, equitable AP policy. Topics included are validity of AP grades; developing and maintaining scoring standards; ensuring equivalent achievement; state legislation supporting AP; and quantitative profiles of AP students by each AP subject.
- *A Guide to the Advanced Placement Program*: a comprehensive overview explaining how to start an AP program and administer the exams.
- *AP Course Description*: subject-specific booklets describing, in detail, each course and its exam; each one includes sample questions.
- *AP Bulletin for Students and Parents*: describes the benefits of taking AP Exams, what the exams are like, how students should prepare for them, how they are graded and what happens to the grades, and information about other key aspects of the program, such as AP Scholar Awards.
- *The College Handbook*: an annual comprehensive guide containing up-to-date information about the Advanced Placement policies at more than 3,200 two- and four-year colleges and universities. *The College Handbook 2000* includes a Windows® version of College Explorer® on CD-ROM. This award-winning software lets students quickly pinpoint the colleges that have exactly what they want, then get in-depth

information from the *Handbook*. With the click of a button, they can link to any college's Web site for even more information.

- Free-Response Guides, available in most AP subjects for the 1996 and 1997 exam administrations, show what kinds of questions appeared on prior exams, how students responded to the questions, and the criteria by which their responses were scored.

### **Statistical Tables**

AP Program statistical tables are produced annually. Some of the available tables include:

- Annual AP Program Participation: number of schools, candidates, examinations, and colleges that have participated in the AP Program since 1955.
- The 200 Colleges and Universities Receiving the Greatest Number of AP Grades: a list of 200 colleges, the number of candidates submitting AP grades to them, and the total number of examination grades received by each institution.
- State Summary Report of AP Examinations: lists by state, the number of 11th and 12th grade enrollments, state count of secondary schools, and the number of AP schools, candidates, and exams for the current and previous year.

### **Videotape**

- *AP: Pathway to Success*: In this new video, students, parents, teachers, and school administrators talk about the AP Program and the benefits of participation.
- *What's in a Grade?*: explains the process of scoring AP Exams, especially the free-response section; faculty consultants talk about scoring actual student responses.

### **Internet**

For more information about AP, visit the AP section of College Board Online® at [www.collegeboard.org/ap](http://www.collegeboard.org/ap).

For information about the AP Program and its policies and for information on ordering, administering, and returning AP Examinations, email [apexams@ets.org](mailto:apexams@ets.org). For information about the AP Reading, email [apreader@ets.org](mailto:apreader@ets.org).

For information about these or other AP publications, consult your College Board Regional Office (see list on back cover), or visit the College Board Online store at <http://cbweb2.collegeboard.org/shopping/>

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