

**ACT HIGH SCHOOL PROFILE REPORT
H S GRADUATING CLASS 2005**

**STATE COMPOSITE FOR
MARYLAND**

CODE 210-000

THE 2005 ACT HIGH SCHOOL PROFILE REPORT REFLECTS THE CHARACTERISTICS OF STUDENTS WHO TOOK THE ACT ASSESSMENT DURING THEIR SOPHOMORE, JUNIOR OR SENIOR YEAR, AND WHO GRADUATED FROM HIGH SCHOOL IN THE SPRING OF 2005. THE MOST RECENT TEST RECORD IS USED FOR STUDENTS TESTING MORE THAN ONCE. BEGINNING IN 2002, A REFINED METHODOLOGY FOR IDENTIFYING A STUDENT'S MOST RECENT TEST RECORD WAS USED (SEE APPENDIX FOR A DESCRIPTION).

CHANGES IN AVERAGE ACT ASSESSMENT SCORES REFLECT REAL DIFFERENCES IN STUDENT PREPARATION AND PERFORMANCE AS WELL AS INCREASES IN THE PERCENTAGE OF TESTED GRADUATES IN EACH STATE, INCLUDING STATES REQUIRING STUDENTS TO TAKE THE ACT ASSESSMENT.

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THE TABLE BELOW COMPARES AVERAGE ACT SCORES FOR STUDENTS WHO REPORTED THEY COMPLETED OR PLANNED TO COMPLETE THE RECOMMENDED CORE COLLEGE PREPARATORY CURRICULUM WITH THOSE WHO HAD NOT. PLEASE NOTE THAT STATE DEPARTMENTS OF EDUCATION MAY HAVE A DIFFERENT DEFINITION OF THE COLLEGE PREPARATORY COURSES AND MAY, THEREFORE, PUBLISH REPORTS SHOWING SLIGHTLY DIFFERENT DATA. SEE APPENDIX FOR DEFINITION OF CORE.

EXECUTIVE SUMMARY - AVERAGE ACT SCORES BY LEVEL OF ACADEMIC PREPARATION

	NUMBER CORE/LESS	PERCENT CORE/LESS	ENGLISH CORE/LESS	MATH CORE/LESS	READING CORE/LESS	SCIENCE CORE/LESS	COMPOSITE CORE/LESS	
2000-01	3946	1701	64/ 28	20.2/18.5	21.0/19.3	21.4/19.7	20.7/19.3	21.0/19.4
2001-02	3888	1749	62/ 28	20.2/18.5	20.9/19.2	21.1/19.8	20.6/19.3	20.8/19.3
2002-03	4128	2125	58/ 30	20.6/18.6	21.2/19.3	21.6/19.9	21.0/19.3	21.2/19.4
2003-04	4122	2084	57/ 29	20.8/19.1	21.1/19.5	21.7/20.2	21.0/19.6	21.3/19.7
2004-05	3926	2191	54/ 30	21.0/19.4	21.3/19.8	22.0/20.6	21.1/19.9	21.5/20.1

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
2000-01	6134	19.7	20.5	20.9	20.3	20.5
2001-02	6307	19.6	20.4	20.7	20.2	20.4
2002-03	7103	20.0	20.7	21.1	20.5	20.7
2003-04	7189	20.3	20.6	21.3	20.6	20.8
2004-05	7332	20.5	20.8	21.5	20.7	21.0

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
Q3 (75TH PERCENTILE)	25.0	24.7	26.4	23.8	24.8
Q2 (50TH PERCENTILE - MEDIAN)	20.3	19.9	21.1	20.5	20.7
Q1 (25TH PERCENTILE)	15.8	16.3	16.2	17.6	16.9

QUARTILE VALUES ARE INTERPOLATED AND ARE BASED UPON CALCULATED STUDENT PERCENTILE RANKS WHICH MAY DIFFER FROM THE CUMULATIVE PERCENTAGES REPORTED IN TABLES 4 AND 5 OF THIS REPORT.

TABLE 1 AVERAGE ACT SCORES BY ACADEMIC PREPARATION FOR RACIAL/ETHNIC GROUPS

	AFRI-AM/ BLACK AVERAGE	AM IND, ALSK NTV AVERAGE	CAUC-AM/ WHITE AVERAGE	MEX-AM/ CHICANO AVERAGE	ASIAN-AM, PAC ISLDR AVERAGE	P R ICAN, HISPANIC AVERAGE
CORE OR MORE	(N= 1210)	(N= 14)	(N= 1973)	(N= 27)	(N= 180)	(N= 87)
ENGLISH	17.0	19.5	23.0	21.2	23.7	21.0
USAGE/MECH	8.1	9.2	11.8	10.5	12.4	10.6
RHET SKILLS	8.8	10.6	11.8	11.1	11.9	10.8
MATHEMATICS	17.5	19.4	23.0	21.2	24.7	21.4
PRE/ELEM-ALG	9.0	10.1	12.4	11.6	13.2	11.3
ALG/CRD-GEOM	8.6	9.4	11.5	10.3	12.4	10.8
PLANE GEOM/TRIG	8.4	10.2	11.5	10.5	12.5	10.7
READING	18.0	19.3	23.9	22.3	24.1	22.6
SOC STU/SCI	8.8	9.4	12.0	11.0	12.3	11.2
ARTS/LITERATURE	9.2	9.9	12.6	11.7	12.5	11.9
SCIENCE	17.8	20.8	22.8	21.4	23.0	21.3
COMPOSITE	17.7	19.9	23.3	21.6	24.0	21.7
LESS THAN CORE	(N= 783)	(N= 6)	(N= 1005)	(N= 20)	(N= 67)	(N= 51)
ENGLISH	15.4	18.5	21.8	21.4	22.5	19.6
USAGE/MECH	7.2	8.5	11.0	10.9	11.5	9.6
RHET SKILLS	7.9	10.2	11.3	10.7	11.5	10.2
MATHEMATICS	16.5	16.7	21.8	21.3	23.3	19.9
PRE/ELEM-ALG	8.1	8.3	11.7	11.6	12.5	10.5
ALG/CRD-GEOM	7.9	8.5	10.8	10.4	11.5	9.9
PLANE GEOM/TRIG	7.9	8.2	10.9	10.7	11.8	9.9
READING	16.7	19.7	22.9	22.0	23.7	20.2
SOC STU/SCI	8.0	10.0	11.5	10.3	11.5	9.8
ARTS/LITERATURE	8.4	10.3	12.0	12.1	12.6	10.5
SCIENCE	16.8	18.3	21.9	20.9	22.1	19.6
COMPOSITE	16.5	18.5	22.2	21.5	23.0	19.9
NO RESPONSE	(N= 270)	(N= 2)	(N= 604)	(N= 6)	(N= 46)	(N= 15)

TABLE 1 AVERAGE ACT SCORES BY ACADEMIC PREPARATION FOR RACIAL/ETHNIC GROUPS (CONT.)

	AFRI-AM/ BLACK AVERAGE	AM IND, ALSK NTV AVERAGE	CAUC-AM/ WHITE AVERAGE	MEX-AM/ CHICANO AVERAGE	ASIAN-AM, PAC ISLDR AVERAGE	P RICAN, HISPANIC AVERAGE
TOTAL GROUP	(N= 2263)	(N= 22)	(N= 3582)	(N= 53)	(N= 293)	(N= 153)
ENGLISH	16.3	19.5	22.6	21.2	23.2	20.7
USAGE/MECH	7.7	9.2	11.5	10.6	12.0	10.3
RHET SKILLS	8.4	10.6	11.6	10.9	11.8	10.7
MATHEMATICS	17.0	19.0	22.5	21.2	24.1	21.2
PRE/ELEM-ALG	8.6	9.9	12.2	11.6	12.9	11.2
ALG/CRD-GEOM	8.3	9.4	11.2	10.3	12.1	10.6
PLANE GEOM/TRIG	8.1	9.7	11.3	10.5	12.2	10.6
READING	17.4	20.0	23.5	21.9	23.8	21.8
SOC STU/SCI	8.5	9.9	11.8	10.5	12.0	10.7
ARTS/LITERATURE	8.8	10.4	12.4	11.8	12.4	11.5
SCIENCE	17.4	20.4	22.4	21.2	22.7	20.8
COMPOSITE	17.1	19.9	22.9	21.5	23.6	21.3

TABLE 2 AVERAGE ACT COMPOSITE SCORES BY ABILITY LEVEL FOR RACIAL/ETHNIC GROUPS

	AFRI-AM/ BLACK NUMBER AVG	AM IND, ALSK NTV NUMBER AVG	CAUC-AM/ WHITE NUMBER AVG	MEX-AM/ CHICANO NUMBER AVG	ASIAN-AM, PAC ISLDR NUMBER AVG	P RICAN, HISPANIC NUMBER AVG
HIGH SCHOOL AVERAGE						
3.50 - 4.00	288 20.5	2 22.5	1225 25.3	14 25.3	127 26.4	43 24.0
3.00 - 3.49	572 18.1	6 18.3	791 22.0	12 21.0	60 21.4	39 21.2
2.50 - 2.99	446 16.3	3 21.0	335 19.5	7 18.6	22 17.7	20 17.7
2.00 - 2.49	294 15.1	2 16.0	101 18.3	2 16.0	3 18.3	9 16.1
1.99 & BELOW	56 14.0	1 18.0	17 15.6	1 9.0	0 0.0	0 0.0
CGPA PRED BY STUDENT						
3.5 - 4.0	420 19.9	5 22.6	1139 25.5	14 25.0	118 25.8	55 23.6
3.0 - 3.4	907 17.4	8 19.6	1366 21.7	22 20.6	98 21.9	51 21.0
2.5 - 2.9	445 15.7	4 16.0	349 19.2	5 19.6	19 17.6	18 17.6
2.0 - 2.4	167 14.6	1 16.0	69 17.9	2 15.5	4 22.3	5 15.4
1.9 & BELOW	29 14.4	0 0.0	7 18.7	0 0.0	1 21.0	2 11.5
HIGH SCHOOL RANK						
TOP QUARTER	498 19.4	4 21.5	1376 25.1	15 24.9	117 25.8	56 24.1
2ND QUARTER	742 17.0	8 19.8	836 20.9	13 20.6	62 20.2	41 18.8
BOTTOM HALF	542 15.6	5 18.4	334 18.6	7 15.3	24 18.0	19 18.6

TABLE 3 STUDENT SATISFACTION WITH VARIOUS ASPECTS OF HIGH SCHOOL EXPERIENCE

		SATISFIED NO CHANGE NECESSARY		PRETTY MUCH NEUTRAL		DISSATISFIED IMPROVEMENT NEEDED		NO EXPER- IENCE	
		NUMBER	PCT	NUMBER	PCT	NUMBER	PCT	NUMBER	PCT
CLASSROOM INSTRUCTION	MALE	1045	14	440	6	164	2	23	0
	FEMALE	1839	25	1112	15	390	5	27	0
	TOTAL	2904	40	1571	21	559	8	50	1
NO. & VARIETY OF COURSE OFFERINGS	MALE	1041	14	367	5	243	3	23	0
	FEMALE	1897	26	786	11	633	9	47	1
	TOTAL	2963	40	1161	16	886	12	71	1
GRADING PRACTICES & POLICIES	MALE	841	11	575	8	229	3	24	0
	FEMALE	1662	23	1107	15	542	7	44	1
	TOTAL	2527	34	1696	23	776	11	69	1
NO. & KINDS OF TESTS GIVEN	MALE	791	11	623	8	232	3	21	0
	FEMALE	1435	20	1318	18	557	8	40	1
	TOTAL	2245	31	1958	27	794	11	62	1
GUIDANCE SERV PROVIDED BY GUIDANCE OFFICE	MALE	910	12	431	6	269	4	56	1
	FEMALE	1734	24	808	11	726	10	85	1
	TOTAL	2667	36	1250	17	1001	14	144	2
SCHOOL RULES, REGULATIONS, & POLICIES	MALE	714	10	554	8	377	5	25	0
	FEMALE	1281	17	1164	16	847	12	57	1
	TOTAL	2013	27	1732	24	1233	17	84	1
LIBRARY OR LEARNING CENTER	MALE	922	13	496	7	205	3	44	1
	FEMALE	1687	23	1074	15	511	7	76	1
	TOTAL	2633	36	1583	22	721	10	121	2
LABORATORY FACILITIES	MALE	815	11	529	7	262	4	53	1
	FEMALE	1407	19	1063	14	753	10	115	2
	TOTAL	2244	31	1602	22	1025	14	169	2
PROVISIONS FOR SPECIAL HELP IN READING, MATH, ETC	MALE	669	9	466	6	182	2	343	5
	FEMALE	1288	18	951	13	408	6	690	9
	TOTAL	1978	27	1428	19	596	8	1038	14
PROVISIONS FOR ACADEMICALLY OUTSTANDING STU	MALE	1049	14	394	5	116	2	101	1
	FEMALE	2198	30	736	10	254	3	157	2
	TOTAL	3276	45	1137	16	374	5	261	4
ADEQUACY OF PROG IN CAREER EDUC & PLANNING	MALE	764	10	507	7	240	3	146	2
	FEMALE	1440	20	1063	14	543	7	286	4
	TOTAL	2226	30	1582	22	791	11	433	6

NUMBER OF STUDENTS - 7332

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 7332)

STD SCORE	ACT ENGLISH		ACT MATHEMATICS		ACT READING		ACT SCIENCE		ACT COMPOSITE	
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP
36	8	99	11	99	68	99	20	99	1	99
35	44	99	37	99	90	99	35	99	9	99
34	94	99	66	99	147	98	68	99	37	99
33	91	98	55	98	151	96	15	98	54	99
32	101	97	74	98	134	94	77	98	88	99
31	146	95	104	97	177	92	35	97	133	97
30	120	93	97	95	244	90	79	97	147	96
29	267	92	219	94	202	86	122	96	204	94
28	234	88	253	91	263	83	168	94	248	91
27	241	85	338	88	316	80	201	92	336	87
26	300	82	331	83	309	76	313	89	305	83
25	356	78	321	78	281	71	383	85	379	79
24	347	73	447	74	359	68	432	79	407	74
23	346	68	404	68	436	63	521	73	439	68
22	431	63	298	62	353	57	476	66	458	62
21	417	57	363	58	322	52	756	60	543	56
20	518	52	416	53	491	47	706	50	488	48
19	459	45	426	48	380	41	556	40	479	42
18	384	38	537	42	306	36	573	32	477	35
17	344	33	591	35	334	31	426	24	455	29
16	343	28	708	27	402	27	346	19	433	22
15	457	24	564	17	298	21	303	14	393	17
14	318	18	333	9	424	17	188	10	333	11
13	211	13	215	5	320	12	203	7	222	7
12	180	10	67	2	285	7	121	5	150	4
11	167	8	38	1	136	3	84	3	68	2
10	141	6	12	1	38	1	66	2	28	1
9	75	4	4	1	34	1	30	1	15	1
8	105	3	1	1	11	1	15	1	3	1
7	46	1	1	1	5	1	5	1	0	1
6	27	1	0	1	8	1	5	1	0	1
5	12	1	0	1	5	1	2	1	0	1
4	1	1	1	1	3	1	1	1	0	1
3	1	1	0	1	0	1	1	1	0	1
2	0	1	0	1	0	1	0	1	0	1
1	0	1	0	1	0	1	0	1	0	1

NUMBER AND PERCENT OF STUDENTS IN THE COLLEGE READINESS STANDARDS SCORE RANGES

33-36	237	3	169	2	456	6	138	2	101	1
28-32	868	12	747	10	1020	14	481	7	820	11
24-27	1244	17	1437	20	1265	17	1329	18	1427	19
20-23	1712	23	1481	20	1602	22	2459	34	1928	26
16-19	1530	21	2262	31	1422	19	1901	26	1844	25
13-15	986	13	1112	15	1042	14	694	9	948	13
01-12	755	10	124	2	525	7	330	5	264	4

AVG(SD) 20.5(6.3) 20.8(5.4) 21.5(6.5) 20.7(5.0) 21.0(5.3)

NOTE: CP IS THE CUMULATIVE PERCENT OF STUDENTS AT OR BELOW A SCORE POINT (SEE APPENDIX).

TABLE 5 ACT SUBSCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 7332)

STD SCORE	USAGE/MECH		RHET SKILLS		SOC STU/SCI		ARTS/LIT		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	
18	205	99	54	99	157	99	403	99	18
17	387	97	98	99	439	98	475	95	17
16	285	92	343	98	354	92	556	88	16
15	439	88	437	93	420	87	501	80	15
14	442	82	604	87	446	81	313	74	14
13	399	76	540	79	515	75	502	69	13
12	548	71	786	72	681	68	851	62	12
11	632	63	756	61	599	59	511	51	11
10	664	54	902	51	736	51	549	44	10
9	643	45	880	38	781	41	494	36	9
8	684	37	652	26	750	30	553	30	8
7	602	27	456	17	488	20	489	22	7
6	529	19	318	11	394	13	410	15	6
5	380	12	253	7	253	8	479	10	5
4	262	7	142	3	146	4	155	3	4
3	141	3	76	2	112	2	60	1	3
2	76	1	33	1	35	1	29	1	2
1	14	1	2	1	26	1	2	1	1
AVERAGE		10.2		10.5		10.7		11.2	
S.D.		4.0		3.3		3.7		4.1	

STD SCORE	PRE/ELEM		ALG CP	ALG/CRD-GEOM		PLN GEOM/TRIG		STD SCORE
	FREQ	CP		FREQ	CP	FREQ	CP	
18	219	99	76	99	50	99	18	
17	314	97	79	99	76	99	17	
16	439	93	187	98	203	98	16	
15	412	87	286	95	406	96	15	
14	619	81	595	91	527	90	14	
13	738	73	506	83	578	83	13	
12	497	63	905	76	860	75	12	
11	620	56	761	64	638	63	11	
10	604	47	854	54	1156	54	10	
9	548	39	1202	42	777	39	9	
8	913	32	617	26	658	28	8	
7	774	19	464	17	591	19	7	
6	369	9	315	11	358	11	6	
5	147	4	218	7	94	6	5	
4	84	2	130	4	197	5	4	
3	20	1	102	2	51	2	3	
2	12	1	6	1	87	2	2	
1	3	1	29	1	25	1	1	
AVERAGE		11.0		10.3		10.3		
S.D.		3.6		3.1		3.2		

NOTE: CP IS THE CUMULATIVE PERCENT OF STUDENTS AT OR BELOW A SCORE POINT (SEE APPENDIX).

TABLE 6 AVERAGE ACT SCORES AND STANDARD DEVIATIONS FOR MALES AND FEMALES

GROUP	NUMBER OF STUDENTS	ENGLISH		MATH		READING		SCIENCE		COMPOSITE	
		AVERAGE	SD	AVERAGE	SD	AVERAGE	SD	AVERAGE	SD	AVERAGE	SD
MALES	2553	19.9	6.4	21.6	5.7	21.1	6.7	21.2	5.5	21.1	5.6
FEMALES	4698	20.8	6.2	20.4	5.1	21.7	6.4	20.4	4.6	21.0	5.1
NO RESPONSE	81	20.2	6.3	20.9	5.4	21.4	6.4	20.5	4.8	20.9	5.1

PERCENT OF STUDENTS IN THE COLLEGE READINESS STANDARDS SCORE RANGES BY GENDER

SCORE RANGE	M		F		M		F		M		F	
33-36	3	3	4	2	6	6	3	1	2	1		
28-32	10	13	13	9	12	15	10	5	12	11		
24-27	16	18	22	18	16	18	19	18	20	19		
20-23	23	24	18	21	21	22	30	36	24	27		
16-19	21	21	27	33	18	20	25	26	23	26		
13-15	14	13	14	16	16	13	8	10	13	13		
01-12	13	9	2	2	9	6	5	4	5	3		

TABLE 7 EXPRESSED ADEQUACY OF HS EDUCATION ACCORDING TO HS CURRICULUM OR PROGRAM

EXPRESSED ADEQUACY	TOTAL		AVG ACT COMP	BUS-COMM		VOC-OCC		COL PREP		OTHER-GEN	
	NUMBER	PCT		NUMBER	PCT	NUMBER	PCT	NUMBER	PCT	NUMBER	PCT
EXCELLENT	1403	26	23.4	21	10	42	16	1177	30	163	15
GOOD	1965	36	20.6	67	31	87	34	1413	36	398	37
AVERAGE	988	18	18.2	69	32	66	26	576	15	277	26
BELOW AVERAGE	217	4	17.5	16	8	22	9	99	3	80	7
VERY INADEQUATE	334	6	19.8	21	10	16	6	223	6	74	7
NO RESPONSE	558	10	22.0	19	9	24	9	422	11	93	9
NO. OF STUDENTS	5465			213		257		3910		1085	

TABLE 8 AVERAGE ACT SCORES AND STANDARD DEVIATIONS BY COURSE PATTERNS AND HIGH SCHOOL GPA RANGES

GROUP	NUMBER OF STUDENTS	ENGLISH		MATH		READING		SCIENCE		COMPOSITE	
		AVG	SD	AVG	SD	AVG	SD	AVG	SD	AVG	SD
ALL GRADUATES	7332	20.5	6.3	20.8	5.4	21.5	6.5	20.7	5.0	21.0	5.3
COLLEGE CORE											
E4, M3, SS3, NS3	3926	21.0	6.1	21.3	5.3	22.0	6.4	21.1	5.0	21.5	5.2
In between	1361	19.0	6.5	19.3	5.1	20.2	6.6	19.5	4.9	19.6	5.3
E4, M2, SS2, NS2	830	20.1	6.6	20.6	5.5	21.3	6.7	20.6	5.0	20.8	5.4
No Response	1215	20.7	6.3	21.0	5.3	21.6	6.4	20.7	4.7	21.1	5.2
HS GPA RANGES											
3.50 - 4.00	1950	24.5	5.5	24.5	4.9	25.4	5.9	23.8	4.6	24.7	4.6
3.00 - 3.49	1653	20.0	5.4	20.2	4.5	21.0	6.0	20.4	4.2	20.5	4.4
2.50 - 2.99	909	17.0	5.0	17.5	3.6	18.0	4.9	17.9	4.0	17.7	3.8
2.00 - 2.49	448	14.7	4.6	16.0	2.9	16.1	4.7	16.6	3.9	16.0	3.4
1.99 & below	81	13.0	4.2	15.1	2.4	14.3	4.0	15.2	3.5	14.5	2.9

TABLE 9 HIGH SCHOOL GPAS AND AVERAGE ACT SCORES BY COMMON COURSE PATTERNS
(TOTAL)

ENGLISH COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS ENGLISH	ACT ENGLISH	ACT COMP
ENG 9, ENG 10, ENG 11, ENG 12, SPEECH	822	11	3.34	20.4	20.8
ENG 9, ENG 10, ENG 11, ENG 12	4645	63	3.27	20.5	21.0
LESS THAN 4 YEARS OF ENGLISH	622	8	3.30	20.6	21.2
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	1243	17	- . -	20.6	21.1
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	461	6	3.53	24.8	24.6
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	537	7	3.22	21.4	22.0
ALG 1, ALG 2, GEOM, TRIG	669	9	3.00	19.0	19.6
ALG 1, ALG 2, GEOM, OTHER ADV MATH	838	11	3.02	19.7	20.5
ALG 1, ALG 2, GEOM	1029	14	2.59	16.7	17.2
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	1576	21	3.45	24.2	23.8
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	337	5	3.16	20.2	20.5
LESS THAN 3 YEARS OF MATH	573	8	2.62	18.4	18.6
NO MATH COURSE/GRADE INFORMATION REPORTED	1312	18	- . -	21.0	21.1
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	493	7	3.40	22.9	22.1
US HIST, WORLD HIST, AM GOVT	1278	17	3.26	20.7	20.3
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	1334	18	3.47	22.6	21.8
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	1724	24	3.36	21.3	20.9
LESS THAN 3 YEARS OF SOC SCI	1160	16	3.20	20.7	20.4
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	1343	18	- . -	21.6	21.1
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	1759	24	3.40	22.0	22.4
BIOLOGY, CHEMISTRY, PHYSICS	1227	17	3.30	22.3	22.9
GEN SCIENCE, BIOLOGY, CHEMISTRY	1923	26	3.10	19.1	19.1
OTHER COMBINATIONS OF 3 YEARS NAT SCI	58	1	3.09	18.4	18.6
LESS THAN 3 YEARS OF NAT SCI	981	13	3.09	19.6	19.7
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	1384	19	- . -	20.7	21.1

TABLE 9 HIGH SCHOOL GPAS AND AVERAGE ACT SCORES BY COMMON COURSE PATTERNS
FOR MALES

ENGLISH COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS ENGLISH	ACT ENGLISH	ACT COMP
ENG 9, ENG 10, ENG 11, ENG 12, SPEECH	255	10	3.21	19.1	20.3
ENG 9, ENG 10, ENG 11, ENG 12	1510	59	3.12	19.9	21.2
LESS THAN 4 YEARS OF ENGLISH	268	10	3.14	20.2	21.4
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	520	20	- . -	20.0	21.0
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	179	7	3.48	25.3	24.6
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	132	5	3.14	22.5	21.9
ALG 1, ALG 2, GEOM, TRIG	224	9	2.93	19.4	19.2
ALG 1, ALG 2, GEOM, OTHER ADV MATH	213	8	2.90	20.5	20.3
ALG 1, ALG 2, GEOM	339	13	2.46	17.0	17.0
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	584	23	3.43	25.2	24.1
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	125	5	3.10	20.4	20.2
LESS THAN 3 YEARS OF MATH	206	8	2.43	19.1	19.0
NO MATH COURSE/GRADE INFORMATION REPORTED	551	22	- . -	21.6	21.1
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	187	7	3.35	22.9	22.6
US HIST, WORLD HIST, AM GOVT	482	19	3.18	20.0	20.2
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	413	16	3.42	22.5	22.0
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	509	20	3.28	20.8	21.0
LESS THAN 3 YEARS OF SOC SCI	409	16	3.16	20.5	20.6
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	553	22	- . -	21.1	21.1
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	654	26	3.35	22.7	22.7
BIOLOGY, CHEMISTRY, PHYSICS	447	18	3.29	23.4	23.5
GEN SCIENCE, BIOLOGY, CHEMISTRY	554	22	2.93	18.9	18.5
OTHER COMBINATIONS OF 3 YEARS NAT SCI	31	1	2.95	17.8	17.6
LESS THAN 3 YEARS OF NAT SCI	287	11	2.84	19.4	19.0
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	580	23	- . -	21.1	21.1

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FOR FEMALES

ENGLISH COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS ENGLISH	ACT ENGLISH	ACT COMP
ENG 9, ENG 10, ENG 11, ENG 12, SPEECH	558	12	3.40	21.1	21.1
ENG 9, ENG 10, ENG 11, ENG 12	3090	66	3.34	20.7	20.9
LESS THAN 4 YEARS OF ENGLISH	346	7	3.43	20.8	21.1
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	704	15	- . -	21.0	21.0
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	278	6	3.57	24.5	24.6
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	401	9	3.25	21.1	22.0
ALG 1, ALG 2, GEOM, TRIG	435	9	3.05	18.8	19.8
ALG 1, ALG 2, GEOM, OTHER ADV MATH	615	13	3.06	19.4	20.5
ALG 1, ALG 2, GEOM	675	14	2.65	16.5	17.3
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	981	21	3.47	23.6	23.7
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	211	4	3.19	20.1	20.8
LESS THAN 3 YEARS OF MATH	361	8	2.72	17.9	18.4
NO MATH COURSE/GRADE INFORMATION REPORTED	741	16	- . -	20.5	21.1
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	304	6	3.43	22.9	21.9
US HIST, WORLD HIST, AM GOVT	783	17	3.32	21.1	20.4
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	907	19	3.49	22.7	21.6
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	1199	26	3.39	21.6	20.9
LESS THAN 3 YEARS OF SOC SCI	734	16	3.23	20.9	20.3
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	771	16	- . -	21.9	21.1
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	1086	23	3.44	21.6	22.3
BIOLOGY, CHEMISTRY, PHYSICS	772	16	3.31	21.7	22.6
GEN SCIENCE, BIOLOGY, CHEMISTRY	1351	29	3.17	19.2	19.4
OTHER COMBINATIONS OF 3 YEARS NAT SCI	26	1	3.29	19.0	19.7
LESS THAN 3 YEARS OF NAT SCI	679	14	3.19	19.6	20.0
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	784	17	- . -	20.4	21.0

TABLE 10 DISTRIBUTION OF PLANNED EDUCATIONAL MAJOR AND FIRST VOCATIONAL CHOICE

	---PLANNED EDUC MAJOR---				MALE		FEMALE		TOTAL	
	NUMBER OF STUDENTS	AVG ACT COMP	CERTAINTY VERY FAIRLY (PERCENT)		EDUC 1ST MAJOR VOC (PERCENT)	EDUC 1ST MAJOR VOC (PERCENT)	EDUC 1ST MAJOR VOC (PERCENT)	EDUC 1ST MAJOR VOC (PERCENT)	EDUC 1ST MAJOR VOC (PERCENT)	EDUC 1ST MAJOR VOC (PERCENT)
AGRICULTURE SCIENCE/TECH	32	19.5	47	50	1	1	1	1	1	1
ARCH & ENVIR DESIGN	100	20.6	42	48	3	2	2	2	2	2
BUSINESS & MGMT	560	19.2	44	47	15	15	9	9	11	11
BUSINESS & OFFICE	28	17.8	21	46	1	1	0	1	1	1
MARKETING & DISTRIBUTION	56	17.7	50	41	1	0	1	2	1	1
COMMUNICATION & COMM TEC	261	19.9	47	42	4	4	6	6	5	6
COMMUNITY & PRSNL SVCS	120	17.5	67	31	2	3	2	3	2	3
COMPUTER & INFO SCI	165	19.8	47	41	7	7	1	1	3	3
CROSS-DISC STUDIES	14	23.1	36	50	0	0	0	0	0	0
EDUCATION	227	20.1	60	34	2	2	6	6	4	5
TEACHER EDUCATION	110	18.9	49	40	2	3	2	3	2	3
ENGINEERING	250	22.5	42	49	10	10	2	2	5	5
ENGINEERING-RELATED TECH	139	22.1	45	45	7	7	1	1	3	3
FOREIGN LANGUAGES	25	24.1	56	28	0	0	1	0	0	0
HEALTH SCI & ALLIED HLTH	943	19.9	63	32	8	10	24	26	19	21
HUMAN, FAMILY/CONS SCI	47	17.6	53	38	0	1	1	1	1	1
LETTERS	42	24.4	33	50	1	0	1	1	1	1
MATHEMATICS	31	25.5	19	68	1	1	0	0	1	0
PHILOS, RELIG & THEOL	31	22.7	42	35	1	1	1	0	1	0
SCI (BIOL & PHYSICAL)	462	23.6	47	43	7	5	10	7	9	6
SOCIAL SCIENCES	587	21.8	46	42	9	8	13	12	12	11
TRADE & INDUSTRIAL	20	20.4	50	45	1	2	0	0	0	1
VISUAL & PERFORM ARTS	308	20.4	60	33	6	7	6	6	6	6
UNDECIDED	497	21.6	12	16	11	11	9	9	10	10
NO RESPONSE	2277									

NUMBER OF STUDENTS - 7332

TABLE 11 SUMMARY OF RESPONSES TO VARIOUS DEMOGRAPHIC ITEMS

	NUMBER OF STUDENTS	AVERAGE ACT COMP	PCT		NUMBER OF STUDENTS	AVERAGE ACT COMP	PCT
HS CURRICULUM OR PROG				RACIAL/ETHNIC BACKGROUND			
BUS COMM/VOC-OCCUP	470	17.2	6	AFRICAN-AMER/BLACK	2263	17.1	31
COLL PREP	3910	22.0	53	AM INDIAN,ALASKAN NTV	22	19.9	0
OTHER/GENERAL/NO RESP	2952	20.3	40	CAUCASIAN-AMER/WHITE	3582	22.9	49
REQUEST ASSISTANCE WITH				MEXICAN-AMER/CHICANO	53	21.5	1
ED/OCCUP PLANS	2125	20.8	29	ASIAN-AMER,PACIFIC ISL	293	23.6	4
EXPR IDEAS IN WRITING	1418	18.9	19	PUERTO RICAN,HISPANIC	153	21.3	2
READING/COMPREHENSION	1714	18.6	23	OTHER	131	21.1	2
STUDY SKILLS	2647	18.8	36	MULTIRACIAL	159	21.6	2
MATH SKILLS	2494	18.7	34	PREFER NOT TO RESPOND	200	22.7	3
PERSONAL CONCERNS	637	19.0	9	NO RESPONSE	476	22.5	6
EXPRESSED FIN NEED				ESTIMATED FAMILY INCOME			
NEED FINANCIAL AID	5053	20.6	69	LESS THAN \$18,000	310	17.5	4
NEED TO FIND WORK	3775	20.3	51	ABOUT \$18,000-\$24,000	238	17.0	3
SPECIAL COLLEGE PROG				ABOUT \$24,000-\$30,000	282	17.9	4
INDEP STUDY	2750	21.4	38	ABOUT \$30,000-\$36,000	260	18.7	4
HONORS COURSES	2950	22.8	40	ABOUT \$36,000-\$42,000	302	19.4	4
ADV PLACEMENT IN COLL				ABOUT \$42,000-\$50,000	344	19.2	5
ENGLISH	2370	22.7	32	ABOUT \$50,000-\$60,000	401	20.1	5
MATH	1760	23.6	24	ABOUT \$60,000-\$80,000	720	20.9	10
SOCIAL STUDIES	2092	23.0	29	ABOUT \$80,000-\$100,000	733	21.6	10
NATURAL SCIENCE	1725	23.2	24	MORE THAN \$100,000	1177	23.2	16
FOREIGN LANG	1327	23.0	18	NO RESPONSE	2565	21.8	35
MAX YEARLY COLL TUITION				HS CLASS RANK			
\$1000 & UNDER	109	15.8	1	TOP QTR	2356	23.9	32
\$1001 - \$2000	110	15.8	2	2ND QTR	1874	19.1	26
\$2001 - \$4000	280	16.9	4	3RD QTR	883	17.0	12
\$4001 - \$7500	787	18.9	11	4TH QTR	120	15.9	2
\$7501 & OVER	545	20.4	7	NO RESPONSE	2099	21.3	29
NO PREFERENCE	3405	21.6	46	EDUC DEG ASPIRATION			
NO RESPONSE	2096	22.0	29	VOC-TECH	18	16.6	0
MOST RECENTLY TESTED				2YR COL DEGREE	94	17.3	1
SOPHOMORE	35	22.5	0	BACHELORS DEGREE	1897	19.4	26
JUNIOR	2017	23.2	28	GRAD STUDY	1607	21.7	22
SENIOR	5083	20.1	69	PROF LEVEL DEGREE	2257	22.0	31
OTHER/NO RESPONSE	197	21.8	3	OTHER	114	18.0	2
COLLEGE CORE PREPARATION				NO RESPONSE	1345	21.3	18
CORE OR MORE	3926	21.5	54	NUMBER OF STUDENTS			
LESS THAN CORE	2191	20.1	30	HOME SCHOOLED	43	22.8	1
NO RESPONSE	1215	21.1	17	EARNED A GED	8	18.0	0
				ALL STUDENTS	7332	21.0	100

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TABLE 12 STUDENTS' SCORE REPORT PREFERENCES AT TIME OF TESTING

INSTITUTION CODE NAME	ST	TOTAL NUMBER	1ST CHOICE NUMBER	2ND-6TH CHOICES NUMBER	STANDARD FOR TRANSITION RANGES						
					01- 12 PCT	13- 15 PCT	16- 19 PCT	20- 23 PCT	24- 27 PCT	28- 32 PCT	33- 36 PCT
1746 U OF MARYLAND C PARK	MD	1218	416	802	2	10	23	29	23	12	1
1718 TOWSON UNIVERSITY	MD	828	198	630	3	14	32	35	13	3	0
1751 U OF MARYLAND BLTMRE	MD	572	117	455	2	11	27	32	20	7	1
1716 SALISBURY UNIVERSITY	MD	529	146	383	2	10	32	36	14	5	0
1722 MORGAN STATE UNIV	MD	487	158	329	11	36	39	12	1	0	0
1712 BOWIE STATE UNIV	MD	448	140	308	14	39	34	10	2	0	0
1714 FROSTBURG STATE UNIV	MD	380	110	270	7	17	36	26	11	2	0
0674 HOWARD UNIVERSITY	DC	337	117	220	5	24	39	26	5	1	0
1752 U OF MARYLAND EASTRN	MD	308	84	224	11	33	39	13	4	0	0
4358 HAMPTON UNIV	VA	255	57	198	6	26	40	22	6	0	0
1704 JOHNS HOPKINS UNIV	MD	243	82	161	3	8	23	24	21	18	4
3060 NORTH CAR A&T ST U	NC	198	67	131	7	31	46	13	3	1	0
0634 UNIV OF DELAWARE	DE	190	39	151	2	7	17	34	27	12	0
3656 PENN ST-UNIV PARK	PA	188	36	152	3	7	24	35	18	13	1
1753 VILLA JULIE COLLEGE	MD	183	44	139	5	12	43	34	6	1	0
1736 ST MARY'S COLL OF MD	MD	171	47	124	1	4	17	30	32	15	1
9999 NCAA CLEARINGHOUSE	IA	166	78	88	8	16	23	30	17	4	1
4420 VIRGINIA TECH	VA	158	31	127	1	6	20	30	26	16	1
1688 COPPIN STATE COLLEGE	MD	142	33	109	18	42	28	11	1	0	0
3724 TEMPLE UNIVERSITY	PA	137	34	103	7	28	32	24	8	1	0
2838 NEW YORK UNIVERSITY	NY	136	37	99	1	8	22	22	24	21	1
0298 MARYLAND SCHOLARSHIP	MD	135	54	81	4	19	33	17	15	12	0
4540 WEST VIRGINIA UNIV	WV	130	40	90	2	8	33	32	21	4	0
0668 GEORGETOWN UNIV	DC	126	37	89	4	12	17	13	30	21	2
4370 JAMES MADISON UNIV	VA	124	14	110	1	8	17	32	30	12	0
1702 HOOD COLLEGE	MD	118	36	82	6	16	28	35	9	6	0
3096 ELON UNIVERSITY	NC	116	25	91	1	2	21	36	32	9	0
0804 CLARK ATLANTA UNIV	GA	112	28	84	8	29	43	17	3	0	0
3088 DUKE UNIVERSITY	NC	111	25	86	1	6	9	19	27	31	7
3162 UNC AT CHAPEL HILL	NC	111	21	90	0	5	14	26	30	22	4
4412 U OF VIRGINIA-MAIN	VA	107	22	85	2	9	7	28	22	28	3
1708 LOYOLA COLLEGE	MD	106	24	82	0	9	17	30	24	18	2
1685 COLL OF SOUTHERN MD	MD	105	53	52	6	17	37	29	10	2	0
1726 MOUNT ST MARY'S COLL	MD	99	17	82	2	8	25	36	19	9	0
1756 MCDANIEL COLLEGE	MD	98	19	79	3	7	31	39	15	5	0
ALL OTHER INSTITUTIONS		8633	2285	6348	4	13	25	26	20	11	1
TOTALS		17505	4771	12734	4	15	27	26	17	9	1

TABLE 13 AVERAGE ACT SCORES BY STUDENT PLANNED EDUCATIONAL MAJORS

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
AGRICULTURE SCIENCE/TECH	(32)	(19.5)	BUSINESS & OFFICE	(28)	(17.8)
AGRICULTURAL BUSINESS	1	14.0	BOOKKEEPING/ACCT TECH	0	0.0
AGRICULTURAL ECONOMICS	1	17.0	BUSINESS DP/COMPUTER OPER	0	0.0
AGRICULTURAL MECHANICS	0	0.0	COURT REPORTING	0	0.0
AGRI PRODUCTION/TECH	0	0.0	OFFICE SUPERVISION & MGMT	0	0.0
AGRONOMY	0	0.0	SECRETARIAL	2	17.5
ANIMAL SCIENCES	10	23.4	TYPING & GENERAL OFFICE	1	14.0
FARM & RANCH MANAGEMENT	1	12.0	WORD PROCESSING	0	0.0
FISH, GAME, WILDLIFE MGMT	2	19.0	BUSINESS & OFFICE, GEN	25	17.9
FOOD SCIENCES/ENGINEERING	2	22.5			
FORESTRY & RELATED SCI	0	0.0	MARKETING & DISTRIBUTION	(56)	(17.7)
HORTICULTURE/ORNMENTAL HORT	0	0.0	FASHION MERCHANDISING	21	16.8
NATURAL RESOURCES MGMT	1	20.0	RETAILING & SALES	0	0.0
AGRICULTURE & AG TECH, GEN	14	17.4	TRAVEL SERVICES & TOURISM	0	0.0
			MARKETING & DISTRIB, GEN	35	18.2
ARCH & ENVIR DESIGN	(100)	(20.6)			
ARCHITECTURAL DRAFTING	12	17.4	COMMUNICATIONS & COMM TECH	(261)	(19.9)
ARCHITECTURE	28	21.4	ADVERTISING	11	19.7
BLDG CON/CONSTRUCTION SCI	1	26.0	GRAPHIC/COMMERCIAL ART	9	17.2
CITY, COMM & REG PLANNING	1	23.0	GRAPHIC & PRINT COMMUNIC	0	0.0
ENVIRONMENTAL DESIGN	2	21.0	JOURNALISM	51	20.8
INTERIOR DESIGN	12	20.0	PHOTO/FILM/VIDEO TECH	6	21.0
LANDSCAPE ARCHITECTURE	6	20.0	PUBLIC RELATIONS	10	19.9
ARCHI & ENVIR DESIGN, GEN	38	21.1	RADIO/TV BROADCASTING	42	18.5
			RADIO/TV PRODUCTN & TECH	8	18.1
BUSINESS & MGMT	(560)	(19.2)	COMMUNIC & COMM TECH, GEN	124	20.3
ACCOUNTING	69	18.8			
BANKING & FINANCE	16	21.6	COMMNTY & PRSNL SVCS	(120)	(17.5)
BUSINESS ADMIN & MGMT	95	18.0	CORRECTIONS	0	0.0
BUSINESS ECONOMICS	10	21.3	COSMETOLOGY/HAIRSTYLING	0	0.0
CONTRACT MGMT & PURCHSING	2	20.0	CRIMINAL JUSTICE/CRIMINOL	79	17.5
HOTEL/RESTAURANT MGMT	15	19.5	FIRE PROTECTN/SAFETY TECH	3	15.0
HUMAN RESOURCE DEVEL/TRNG	0	0.0	FUNERAL SVCS/MORTUARY SCI	0	0.0
INSTITUTIONAL MANAGEMENT	0	0.0	LAW ENFORCEMENT & ADMIN	10	18.6
INSURANCE & RISK MGMT	2	26.5	LIBRARY SCI/LIB ASSISTING	0	0.0
INTERNATL BUSINESS/MGMT	18	21.7	MILITARY SCIENCE/TECH	2	23.5
LABOR/INDUSTRL RELATIONS	0	0.0	PARKS & RECREATION	1	20.0
MANAGEMENT INFO SYSTEMS	3	22.3	PUBLIC ADMINISTRATION	0	0.0
MANAGEMENT SCIENCE	0	0.0	PUBLIC AFFAIRS	0	0.0
MARKETING MGMT & RESEARCH	11	18.7	SOCIAL WORK	6	15.3
ORGANIZATIONAL BEHAVIOR	0	0.0	COMMNTY & PRSNL SVCS, GEN	19	17.2
PERSONNEL MANAGEMENT	2	16.5			
REAL ESTATE	8	18.9			
SML BUSINESS MGMT/OWNRSHIP	18	18.2			
TRADE & INDUSTRIAL MGMT	0	0.0			
TRANSPORTATION MANAGEMENT	0	0.0			
BUSINESS & MGMT, GEN	291	19.4			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	(165)	(19.8)	ENGINEERING	(250)	(22.5)
COMPUTER PROGRAMMING	38	19.7	AEROSPACE ENGINEERING	33	23.2
COMPUTER SCIENCE	46	19.4	AGRICULTURAL ENGINEERING	2	19.5
DATA PROCESSING	1	15.0	ARCHITECTURAL ENGINEERING	1	17.0
INFO SCIENCES & SYSTEMS	4	21.5	BIOENGINEER & BIOMED ENG	13	24.6
MATH/COMPUTER SCIENCE	2	29.0	CERAMIC ENGINEERING	0	0.0
COMPUTER & INFO SCI, GEN	74	19.8	CHEMICAL ENGINEERING	13	26.3
CROSS-DISC STUDIES	(14)	(23.1)	CIVIL ENGINEERING	8	21.8
AREA & ETHNIC STUDIES	0	0.0	COMPUTER ENGINEERING	19	20.7
LIBERAL ARTS/GEN STUDIES	6	25.5	CONSTRUCTION ENG/MGMT	1	17.0
MULTI-/INTERDISC STUDIES	1	16.0	ELECTRCL & ELECTRONIC ENG	19	23.3
CROSS-DISC STUDIES, GEN	7	22.0	ENGINEERING MANAGEMENT	1	25.0
EDUCATION	(227)	(20.1)	ENGINEERING PHYSICS	0	0.0
ADULT & CONTINUING EDUC	1	25.0	ENGINEERING SCIENCE	1	14.0
EDUCATION ADMINISTRATION	0	0.0	ENVIRONMENTAL HEALTH ENG	0	0.0
ELEMENTARY EDUCATION	84	20.8	GEOLOGICAL & GEOPHYS ENG	0	0.0
JR HIGH/MIDDLE SCH EDUC	2	19.0	INDUSTRIAL ENGINEERING	4	17.8
PRE-ELEMENTARY EDUCATION	25	17.8	MATERIALS ENGINEERING	0	0.0
SECONDARY EDUCATION	31	20.9	MECHANICAL ENGINEERING	27	21.9
STUDENT COUNSELING	2	14.0	METALLURGICAL ENGINEERING	1	16.0
TEACHER AIDE	1	15.0	MINING & MINERAL ENG	0	0.0
EDUCATION, GENERAL	81	20.0	NAVAL ARCHIT & MARINE ENG	3	24.7
TEACHER EDUCATION	(110)	(18.9)	NUCLEAR ENGINEERING	2	27.5
AGRICULTURAL EDUCATION	1	19.0	OCEAN ENGINEERING	1	26.0
ART EDUCATION	3	19.7	PETROLEUM ENGINEERING	0	0.0
BUSINESS EDUCATION	2	12.0	SYSTEMS ENGINEERING	0	0.0
ENGLISH EDUCATION	0	0.0	ENGINEERING, GENERAL	101	22.2
FOREIGN LANGUAGES EDUC	1	22.0	ENGINEERING-RELATED TECH	(139)	(22.1)
HEALTH EDUCATION	1	14.0	AERONAUTICAL TECHNOLOGY	23	22.1
HUMAN, FAM/CONS SCI EDUC	0	0.0	AC, HEATING, REFRIG TECH	0	0.0
INDUSTRIAL ARTS EDUCATION	0	0.0	ARCHITECTURAL DESIGN TECH	1	25.0
MATHEMATICS EDUCATION	7	18.0	BIOMEDICAL EQUIPMENT TECH	3	29.3
MUSIC EDUCATION	9	20.2	CIVIL ENGINEERING TECH	6	20.7
PHYSICAL EDUCATION	21	17.8	COMPUTER ENGINEERING TECH	16	18.4
SCIENCE EDUCATION	0	0.0	CONSTRUCTION/BLDG TECH	0	0.0
SOC STUDIES/SOC SCI EDUC	4	15.8	DRAFTING & DESIGN TECH	1	24.0
SPECIAL EDUCATION	4	19.5	ELECTRICAL ENG TECHNOLOGY	5	20.4
SPEECH CORRECTION EDUC	0	0.0	ELECTRONIC ENG TECHNOLOGY	2	19.5
TEACHING ENGL AS 2ND LANG	0	0.0	ELECTROMECHAN INSTR TECH	1	26.0
TECH/TRADE & IND ED	0	0.0	ENVIRONMENTAL CONTRL TECH	0	0.0
TEACHER EDUCATION, OTHER	2	21.0	INDUSTRRL PRODUCTION TECH	3	16.0
TEACHER EDUCATION, GEN	55	19.6			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
LASER/FIBER-OPTIC TECH	0	0.0	HUMAN, FAMILY/CONS SCI	(47)	(17.6)
MANUFACTURING TECHNOLOGY	0	0.0	CHILD DEV, CARE, GUIDANCE	8	17.9
MECHANICAL ENG TECH	11	24.3	CHILD CARE AIDE/ASSISTING	1	23.0
MINING & PETROLEUM TECH	0	0.0	CULINARY ARTS	9	15.8
OCCUPATL SFTY & HLTH TECH	0	0.0	FAMILY/CONS RESOURCE MGMT	0	0.0
SURVEYING & MAPPING TECH	0	0.0	FASHION DESIGN	12	17.9
ENGINEERING TECH, OTHER	4	23.0	FOOD PRODUCTN, MGMT, SVCS	1	16.0
ENGINEER-RELATD TECH, GEN	63	22.8	FOOD SCI & NUTR/DIETETICS	2	22.0
FOREIGN LANGUAGES	(25)	(24.1)	HUMAN ENVIRON & HOUSING	1	16.0
ASIATIC LANGUAGES	6	23.3	INDIVIDUAL & FAMILY DEVEL	0	0.0
CLASSICAL LANGUAGES	2	26.5	TEXTILES AND CLOTHING	0	0.0
FRENCH	2	21.5	HUMAN, FAM/CONS SCI, GEN	13	17.6
GERMAN	1	19.0	LETTERS	(42)	(24.4)
ITALIAN	0	0.0	CLASSICS	1	28.0
MIDDLE EASTERN LANGUAGES	0	0.0	COMPARATIVE LITERATURE	2	25.5
RUSSIAN	3	23.7	CREATIVE WRITING	17	21.2
SPANISH	6	24.5	ENGLISH, GENERAL	13	26.8
FOREIGN LANGUAGES, OTHER	0	0.0	LINGUISTICS	0	0.0
FOREIGN LANGUAGES, GEN	5	25.8	LITERATURE, ENGLISH/AMER	2	26.0
HEALTH SCI & ALLIED HLTH	(943)	(19.9)	SPEECH & RHETORICAL STUDY	0	0.0
CHIROPRACTIC	1	16.0	LETTERS, GENERAL	7	26.7
DENTAL ASSISTING	0	0.0	MATHEMATICS	(31)	(25.5)
DENTAL HYGIENE	15	18.5	ACTUARIAL SCIENCES	0	0.0
DENTAL LAB/TECHNOLOGY	1	15.0	APPLIED MATHEMATICS	4	26.3
DENTISTRY	17	19.9	STATISTICS	1	20.0
EMERG MED TECH/PARAMEDIC	4	18.3	MATHEMATICS, GENERAL	26	25.7
HEALTH CARE ADMIN	4	15.0	PHILOS, RELIG & THEOLOGY	(31)	(22.7)
MEDICAL/SURG ASSISTING	7	18.1	BIBLE STUDIES	3	27.7
MEDICAL LAB/TECHNOLOGY	10	18.8	PHILOSOPHY	5	24.2
MED RECORDS ADMIN/TECH	1	16.0	RELIGION	2	22.5
MEDICINE	196	21.6	RELIGIOUS EDUCATION	3	22.7
MNTL HLTH & HUM SVCS/TECH	6	19.5	RELIGIOUS MUSIC	0	0.0
NUCLEAR MEDICINE TECH	0	0.0	THEOLOGY	2	18.0
NURSING (PRACTICAL)	26	17.7	PHILOS, RELIG & THEOL, GEN	16	22.0
NURSING (REGISTERED)	190	18.4			
OCCUPATNL THERAPY/ASSIST	5	18.8			
OPTOMETRY	2	23.5			
PHARMACY	49	20.8			
PHYSICIAN ASSISTING	4	18.0			
PHYSICAL THERAPY/ASSIST	56	20.9			
RADIOLOGY/RADIOLOGIC TECH	17	17.8			
REC/ART/MUSIC THERAPY	1	13.0			
RESPIRATORY THERAPY/TECH	0	0.0			
SPEECH PATHOL/AUDIOLOGY	4	25.3			
VETERINARIAN ASSISTING	1	18.0			
VETERINARY MEDICINE	33	21.1			
HEALTH SCI & ALLIED, GEN	293	20.0			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL) (	462)	(23.6)	VISUAL/PERFORM ARTS	(308)	(20.4)
ASTRONOMY	9	24.0	APPLIED DESIGN/CRAFTS	2	16.0
ATMOSPHER SCI & METEOROL	8	20.4	ART	16	20.5
BIOCHEMISTRY & BIOPHYSICS	31	24.8	ART HIST & APPRECIATION	2	16.5
BIOLOGY	194	23.1	CINEMATOGRAPHY/FILM/VIDEO	27	21.0
BOTANY	1	27.0	DANCE	11	17.1
CHEMISTRY	22	24.6	DESIGN, GENERAL	9	17.6
EARTH SCIENCE	2	17.5	DRAMA/THEATRE ARTS	34	22.3
ECOLOGY/ENV STUDIES	18	26.6	FINE ARTS, GENERAL	5	21.0
GEOLOGY	1	19.0	GRAPHIC ARTS TECHNOLOGY	10	18.5
MICROBIOLOGY	11	25.3	GRAPHIC DESIGN	25	19.6
OCEANOGRAPHY	11	20.3	MUSIC (LIBERAL ARTS)	15	21.6
PHYSICS	10	27.8	MUSIC PERFORMANCE	40	19.9
ZOOLOGY	14	22.2	MUSIC THEORY & COMPOSIT	4	18.0
SCIENCES (BIO & PHYS), GEN	130	23.6	PHOTOGRAPHY	6	21.3
			VISUAL/PERFORM ARTS, GEN	102	20.7
SOCIAL SCIENCES (	587)	(21.8)	UNDECIDED	(497)	(21.6)
ANTHROPOLOGY	9	26.3			
ECONOMICS	9	27.9			
GEOGRAPHY	1	29.0			
HISTORY	46	23.6			
INTERNATIONAL RELATIONS	24	24.3			
LAW	71	20.7			
PARALEGAL/LEGAL ASSISTING	5	18.6			
POLITICAL SCI/GOVERNMENT	77	24.2			
PSYCHOLOGY	191	20.3			
SOCIOLOGY	19	17.6			
URBAN STUDIES	3	18.3			
SOCIAL SCIENCES, GENERAL	132	21.9			
TRADE & INDUSTRIAL (	20)	(20.4)			
AIRCRAFT TECHNICIAN	0	0.0			
AIRPLANE PILOTING & NAVIG	7	23.6			
AUTOMOTIVE BODY REPAIR	2	20.5			
AUTOMOTIVE TECHNOLOGY	2	14.5			
AVIATION MANAGEMENT	1	22.0			
COMPUTER ELECTRNCS/REPAIR	2	18.0			
CONSTRCT TRADES & CARPENT	1	15.0			
DIESEL MECHANICS & TECH	0	0.0			
DRAFTING	1	17.0			
ELECTRICAL EQUIP REPAIR	0	0.0			
HEATING, AC, REFRIG MECH	0	0.0			
MACHINE TECHNOLOGY	0	0.0			
MECHANICAL DRAFTING	0	0.0			
WELDING & WELDING TECH	1	25.0			
TRADE & INDUSTRIAL, GEN	3	19.3			

TABLE 14 AVERAGE ACT COMPOSITE SCORE BY CAREER CLUSTERS

REFERENCE GROUP	TOTAL		CORE OR MORE		LESS THAN CORE		MALES		FEMALES	
	NUMBER	AVG	NUMBER	AVG	NUMBER	AVG	NUMBER	AVG	NUMBER	AVG
<u>PLAN ON 2-YEARS OR LESS OF COLLEGE</u>										
ADMIN & SALES (02-03)	4	14.0	3	14.3	1	13.0	0	0.0	4	14.0
BUSINESS OPER (04-05)	16	17.4	8	17.9	8	17.0	7	16.4	9	18.2
TECHNICAL (06-07)	18	17.5	7	17.0	10	17.6	10	16.5	8	18.8
SCIENCE & TECH (08-09)	15	18.4	9	17.7	6	19.5	4	19.8	11	17.9
ARTS (10-11)	8	17.6	6	18.5	2	15.0	3	16.0	5	18.6
SOCIAL SERVICE (12-01)	9	15.2	3	14.7	6	15.5	1	14.0	8	15.4
OTHER*	42	17.1	21	16.3	17	17.4	16	17.0	26	17.2
TOTAL	112	17.2	57	16.9	50	17.2	41	16.9	71	17.3
<u>PLAN ON 4-YEARS OR MORE OF COLLEGE</u>										
ADMIN & SALES (02-03)	625	20.1	399	20.7	206	19.0	161	20.6	459	20.0
BUSINESS OPER (04-05)	345	19.8	216	20.1	122	18.9	138	19.9	204	19.7
TECHNICAL (06-07)	518	20.9	337	21.8	163	19.1	276	20.9	237	20.8
SCIENCE & TECH (08-09)	739	22.4	485	22.8	222	21.8	265	22.6	470	22.3
ARTS (10-11)	644	21.9	421	22.3	195	21.1	160	21.9	474	21.9
SOCIAL SERVICE (12-01)	714	20.7	452	21.0	232	19.9	165	20.9	543	20.6
OTHER*	2176	21.0	1199	21.6	701	20.0	796	21.2	1353	20.9
TOTAL	5761	21.1	3509	21.6	1841	20.1	1961	21.2	3740	21.0

* OTHER = STUDENTS WHO HAD WORLD-OF-WORK REGIONS THAT DIFFERED FROM THOSE LISTED

TABLE 15 HIGH SCHOOL ACADEMIC AREA GRADE AVERAGES BY GENDER AND RACE/ETHNICITY

REFERENCE GROUP	NUMBER OF STUDENTS	ACADEMIC AREA GRADES				HS GPA AVG	HS GPA SD
		ENGLISH	MATH	SOCIAL STUDIES	NATURAL SCIENCE		
MALE	1655	3.13	3.06	3.27	3.16	3.15	0.58
FEMALE	3336	3.35	3.15	3.38	3.28	3.28	0.52
NO RESPONSE	50	3.27	2.97	3.11	3.13	3.13	0.48
AFRICAN-AMERICAN/BLACK	1656	3.00	2.81	3.07	2.94	2.95	0.54
CAUCASIAN-AMERICAN/WHITE	2469	3.43	3.27	3.49	3.39	3.39	0.48
OTHER MINORITY	466	3.42	3.30	3.45	3.41	3.39	0.48
MISSING/PREFER NO RESP	450	3.36	3.21	3.43	3.36	3.34	0.53
TOTAL	5041	3.28	3.12	3.34	3.24	3.24	0.54

APPENDIX

THE RESULTS PROFILED IN THIS REPORT ARE BASED ON ALL STUDENTS WHO TOOK THE ACT ASSESSMENT DURING THEIR SOPHOMORE, JUNIOR OR SENIOR YEAR, AND WHO GRADUATED FROM HIGH SCHOOL IN THE SPRING OF 2005. IF A STUDENT TESTED MORE THAN ONCE, ONLY HIS/HER MOST RECENT TEST RECORD IS USED. DUE TO THE INCREASING NUMBER OF REPEAT TEST-TAKERS, ACT EXPANDED THE NUMBER OF STUDENT SPECIFIC VARIABLES USED TO MATCH MULTIPLE STUDENT RECORDS IN 2002. THOSE STUDENTS WHO TESTED RESIDUALLY OR UNDER EXTENDED TIME CONDITIONS ARE NOT INCLUDED.

IT SHOULD BE NOTED THAT GRADUATING STUDENTS WHO TAKE THE ACT ASSESSMENT ARE NOT NECESSARILY REPRESENTATIVE OF GRADUATING STUDENTS NATIONALLY. STUDENTS WHO LIVE IN THE MIDWEST, ROCKY MOUNTAINS, PLAINS AND SOUTHERN REGIONS OF THE COUNTRY ARE OVER REPRESENTED AMONG ACT-TESTED STUDENTS AS COMPARED TO GRADUATING STUDENTS NATIONALLY.

CAUTION SHOULD BE USED IN MAKING COMPARISONS BETWEEN STATE AND NATIONAL NORMS. STATE NORMS MAY DIFFER FROM NATIONAL NORMS FOR NON-EDUCATIONAL REASONS SUCH AS THE DEMOGRAPHIC MAKE-UP OF A STATE'S ACT-TESTED GRADUATES COMPARED TO THE NATION.

SINCE THE ACT ASSESSMENT IS DESIGNED FOR THOSE STUDENTS WHO PLAN TO ATTEND COLLEGE, THE FOCUS IS ON STUDENTS WHO COMPLETED THE RECOMMENDED COLLEGE PREPARATORY COURSES. THE RECOMMENDED COLLEGE CORE COURSES (AS DEFINED BY ACT) INCLUDE:

ENGLISH (FOUR YEARS OR MORE)

ONE YEAR CREDIT EACH FOR ENGLISH 9, ENGLISH 10, ENGLISH 11, ENGLISH 12

MATHEMATICS (THREE YEARS OR MORE)

ONE YEAR CREDIT EACH FOR ALGEBRA I, ALGEBRA II, GEOMETRY
ONE-HALF YEAR CREDIT EACH FOR TRIGONOMETRY, CALCULUS (NOT PRE-CALCULUS),
OTHER MATH COURSES BEYOND ALGEBRA II, COMPUTER MATH/COMPUTER SCIENCE

SOCIAL SCIENCES (THREE YEARS OR MORE)

ONE YEAR CREDIT EACH FOR AMERICAN HISTORY, WORLD HISTORY, AMERICAN GOVERNMENT
ONE-HALF YEAR CREDIT EACH FOR ECONOMICS, GEOGRAPHY, PSYCHOLOGY, OTHER HISTORY

NATURAL SCIENCES (THREE YEARS OR MORE)

ONE YEAR CREDIT EACH FOR GENERAL/PHYSICAL/EARTH SCIENCE, BIOLOGY, CHEMISTRY,
PHYSICS

ALL CALCULATED HIGH SCHOOL GPAS SHOWN IN THIS REPORT ARE BASED ON STUDENT REPORTED COURSE GRADES IN THE FOUR CORE SUBJECT AREAS (ENGLISH, MATH, SOCIAL SCIENCE AND NATURAL SCIENCE).

INSTRUCTIONS FOR USING THE DATA PRESENTED IN THIS REPORT ARE PROVIDED IN THE INTERPRETIVE GUIDE, YOUR COLLEGE-BOUND STUDENTS. IF YOU HAVE QUESTIONS CONCERNING THIS REPORT OR NEED A COPY OF THIS GUIDE, PLEASE CALL 319/337-1111 OR WRITE TO ACT RESEARCH SERVICES (64), ACT INC, P.O. BOX 168, IOWA CITY, IOWA 52243.

APPENDIX (CONTINUED)

THE NUMBERS IN TABLE 4, PAGE 6 IN THE COLUMNS TITLED "CP", FOR EACH ACT TEST AND COMPOSITE ARE CUMULATIVE PERCENTS. CUMULATIVE PERCENTS REPRESENT THE PERCENT OF STUDENTS SCORING AT OR BELOW A SELECTED SCORE VALUE. FOR EXAMPLE, IF A SCALE SCORE OF 21 ON THE ACT COMPOSITE HAD A CP OF 56, THIS MEANS THAT 56% OF THE TESTED POPULATION WERE AT OR BELOW A SCORE OF 21. TO FIND THE PERCENT OF STUDENTS WHO HAD SCORES STRICTLY BELOW 21, JUST READ THE CUMULATIVE PERCENT VALUE ASSOCIATED WITH THE NEXT LOWER SCALE SCORE VALUE, IN THIS CASE A SCORE OF 20. IN THIS EXAMPLE 48 PERCENT OF STUDENTS SCORED BELOW 21.

TABLE 4 EXAMPLE

STD SCORE	ACT COMPOSITE	
	FREQ	CP
36	1	99
35	9	99
34	37	99
33	54	99
32	88	99
31	133	97
30	147	96
29	204	94
28	248	91
27	336	87
26	305	83
25	379	79
24	407	74
23	439	68
22	458	62
21	543	56 <-- 56% OF THE STUDENTS SCORE AT OR BELOW 21
20	488	48 <-- 48% OF THE STUDENTS SCORE BELOW 21
19	479	42
18	477	35
17	455	29
16	433	22
15	393	17
14	333	11
13	222	7
12	150	4
11	68	2
10	28	1
9	15	1
8	3	1
7	0	1
6	0	1
5	0	1
4	0	1
3	0	1
2	0	1
1	0	1

