

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

**STATE COMPOSITE FOR
ALABAMA**

CODE 010-000

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	21025	8703 69/ 29	21.3/17.7	20.4/17.3	21.2/18.1	20.7/18.1	21.0/17.9
2001-02	20453	9518 66/ 31	21.3/17.8	20.4/17.5	21.2/18.3	20.7/18.4	21.0/18.1
2002-03	20479	9748 65/ 31	21.2/18.0	20.2/17.5	21.2/18.5	20.8/18.6	21.0/18.3
2003-04	20245	9910 64/ 31	21.4/18.2	20.4/17.7	21.3/18.6	20.8/18.6	21.1/18.4
2004-05	20569	9798 64/ 31	21.4/18.2	20.2/17.8	21.3/18.6	20.8/18.6	21.0/18.4

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
2000-01	30526	20.2	19.5	20.2	20.0	20.1
2001-02	30955	20.2	19.5	20.3	20.0	20.1
2002-03	31449	20.2	19.3	20.4	20.1	20.1
2003-04	31548	20.3	19.5	20.5	20.1	20.2
2004-05	32122	20.3	19.4	20.5	20.1	20.2

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
Q3 (75TH PERCENTILE)	24.2	22.5	24.3	22.7	23.2
Q2 (50TH PERCENTILE - MEDIAN)	20.0	18.2	19.9	19.9	19.7
Q1 (25TH PERCENTILE)	16.0	16.0	15.8	17.3	16.7

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 RICAN, HISPANIC AVERAGE
CORE OR MORE (N= 4893) (N= 192) (N= 14185) (N= 96) (N= 278) (N= 126)						
ENGLISH	17.7	21.3	22.6	20.3	23.0	21.7
USAGE/MECH	8.7	10.9	11.7	10.1	11.9	10.9
RHET SKILLS	9.0	10.8	11.5	10.4	11.7	11.1
MATHEMATICS	17.1	20.1	21.2	20.3	23.5	21.0
PRE/ELEM-ALG	8.6	10.7	11.3	10.9	12.6	11.0
ALG/CRD-GEOM	8.7	10.0	10.6	10.0	11.7	10.4
PLANE GEOM/TRIG	8.0	10.0	10.6	10.1	11.7	10.7
READING	17.6	21.0	22.5	21.5	23.0	22.1
SOC STU/SCI	8.9	10.5	11.4	10.7	11.7	11.3
ARTS/LITERATURE	8.7	10.9	11.6	11.2	11.7	11.2
SCIENCE	18.0	20.8	21.7	21.0	22.6	21.4
COMPOSITE	17.7	20.9	22.1	20.9	23.1	21.7
LESS THAN CORE (N= 2888) (N= 105) (N= 6152) (N= 52) (N= 108) (N= 69)						
ENGLISH	15.3	18.1	19.5	16.3	20.1	17.8
USAGE/MECH	7.3	8.7	9.8	7.6	10.1	8.8
RHET SKILLS	7.7	9.4	9.9	8.4	10.3	8.9
MATHEMATICS	15.9	17.7	18.6	16.7	21.3	18.2
PRE/ELEM-ALG	7.6	9.0	9.5	8.2	11.4	9.3
ALG/CRD-GEOM	7.8	8.8	9.2	8.2	10.7	9.2
PLANE GEOM/TRIG	7.4	8.7	9.3	8.0	10.3	8.9
READING	15.9	19.0	19.9	17.8	20.7	18.4
SOC STU/SCI	8.0	9.8	10.1	9.1	10.6	9.2
ARTS/LITERATURE	7.6	9.4	10.0	8.6	10.3	9.2
SCIENCE	16.6	18.9	19.5	18.1	20.6	18.9
COMPOSITE	16.1	18.6	19.5	17.3	20.8	18.4
NO RESPONSE (N= 230) (N= 15) (N= 1312) (N= 10) (N= 22) (N= 16)						

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= 8011)	(N= 312)	(N= 21649)	(N= 158)	(N= 408)	(N= 211)
ENGLISH	16.8	20.1	21.6	18.9	22.2	20.1
USAGE/MECH	8.2	10.1	11.1	9.3	11.4	10.0
RHET SKILLS	8.5	10.3	11.0	9.7	11.3	10.2
MATHEMATICS	16.7	19.2	20.3	19.2	22.9	19.9
PRE/ELEM-ALG	8.2	10.1	10.8	10.0	12.3	10.4
ALG/CRD-GEOM	8.4	9.5	10.1	9.5	11.4	9.9
PLANE GEOM/TRIG	7.8	9.6	10.2	9.4	11.3	10.0
READING	17.0	20.3	21.7	20.2	22.3	20.7
SOC STU/SCI	8.5	10.3	11.0	10.1	11.4	10.5
ARTS/LITERATURE	8.3	10.3	11.1	10.3	11.3	10.4
SCIENCE	17.5	20.1	21.0	19.9	22.0	20.4
COMPOSITE	17.1	20.1	21.3	19.7	22.5	20.4

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	1241 20.3	110 22.5	7886 23.9	33 22.6	185 25.3	62 23.9
3.00 - 3.49	1991 17.8	85 19.6	5351 20.7	35 20.0	100 20.2	54 19.5
2.50 - 2.99	2016 16.4	52 17.7	3161 18.9	40 18.4	36 19.5	38 18.3
2.00 - 2.49	1415 15.5	15 17.7	1489 17.9	14 16.4	24 17.5	11 17.9
1.99 & BELOW	450 14.6	5 15.8	369 16.8	5 14.4	4 15.8	3 16.0
CGPA PRED BY STUDENT						
3.5 - 4.0	1268 19.9	92 23.0	6428 24.3	37 23.8	174 25.3	57 24.1
3.0 - 3.4	2969 17.6	111 19.5	8303 20.8	54 19.9	140 21.1	85 20.0
2.5 - 2.9	1969 16.1	65 18.1	3382 18.8	35 17.0	41 19.3	36 17.4
2.0 - 2.4	1088 15.0	17 16.6	1444 17.4	15 16.0	16 15.6	9 17.8
1.9 & BELOW	271 14.7	3 15.7	319 16.5	1 15.0	2 16.5	4 17.0
HIGH SCHOOL RANK						
TOP QUARTER	2017 19.1	135 21.9	9004 23.5	45 22.8	180 25.0	75 23.0
2ND QUARTER	3107 16.9	105 18.5	7049 19.9	52 18.3	131 20.4	77 19.2
BOTTOM HALF	2248 15.7	36 17.3	3002 18.2	42 17.6	42 18.1	30 17.3

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	7190	22	3825	12	1167	4	146	0
	FEMALE	9181	29	4859	15	1767	6	162	1
	TOTAL	16432	51	8713	27	2958	9	310	1
NO. & VARIETY OF COURSE OFFERINGS	MALE	5892	18	3233	10	3002	9	193	1
	FEMALE	7090	22	3625	11	5009	16	251	1
	TOTAL	13029	41	6893	21	8040	25	448	1
GRADING PRACTICES & POLICIES	MALE	6460	20	4216	13	1433	4	209	1
	FEMALE	8575	27	5068	16	2077	6	229	1
	TOTAL	15100	47	9316	29	3526	11	440	1
NO. & KINDS OF TESTS GIVEN	MALE	6165	19	4761	15	1211	4	169	1
	FEMALE	7907	25	5859	18	2003	6	193	1
	TOTAL	14131	44	10660	33	3226	10	366	1
GUIDANCE SERV PROVIDED BY GUIDANCE OFFICE	MALE	6314	20	3227	10	2151	7	612	2
	FEMALE	8021	25	3771	12	3448	11	702	2
	TOTAL	14388	45	7021	22	5631	18	1320	4
SCHOOL RULES, REGULATIONS, & POLICIES	MALE	5055	16	3810	12	3196	10	244	1
	FEMALE	6366	20	4747	15	4584	14	236	1
	TOTAL	11464	36	8593	27	7810	24	486	2
LIBRARY OR LEARNING CENTER	MALE	6445	20	3804	12	1694	5	373	1
	FEMALE	8499	26	4597	14	2363	7	492	2
	TOTAL	15012	47	8427	26	4074	13	868	3
LABORATORY FACILITIES	MALE	5851	18	3722	12	2131	7	590	2
	FEMALE	7402	23	4584	14	3074	10	883	3
	TOTAL	13307	41	8335	26	5227	16	1482	5
PROVISIONS FOR SPECIAL HELP IN READING, MATH, ETC	MALE	4935	15	3690	11	1373	4	2293	7
	FEMALE	6635	21	4208	13	2178	7	2920	9
	TOTAL	11623	36	7927	25	3567	11	5229	16
PROVISIONS FOR ACADEMICALLY OUTSTANDING STU	MALE	6766	21	3398	11	1335	4	800	2
	FEMALE	9179	29	3744	12	2078	6	944	3
	TOTAL	16004	50	7172	22	3426	11	1756	5
ADEQUACY OF PROG IN CAREER EDUC & PLANNING	MALE	5071	16	4120	13	2111	7	973	3
	FEMALE	6368	20	4705	15	3414	11	1429	4
	TOTAL	11485	36	8857	28	5549	17	2412	8

NUMBER OF STUDENTS - 32122

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 32122)

STD SCORE	ACT ENGLISH		ACT MATHEMATICS		ACT READING		ACT SCIENCE		ACT COMPOSITE	
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP
36	37	99	28	99	121	99	67	99	4	99
35	138	99	85	99	209	99	83	99	42	99
34	410	99	103	99	360	99	108	99	66	99
33	293	98	81	99	372	98	58	99	130	99
32	350	97	112	99	384	97	170	99	178	99
31	416	96	198	99	542	95	143	98	263	99
30	439	95	184	98	694	94	121	98	441	98
29	985	94	422	98	696	92	389	98	546	97
28	776	90	526	96	844	89	432	96	741	95
27	967	88	882	95	1128	87	593	95	934	92
26	1191	85	1110	92	1262	83	1250	93	1113	90
25	1492	81	1068	88	1179	79	1111	89	1324	86
24	1611	77	1663	85	1505	76	1794	86	1610	82
23	1528	72	1561	80	1988	71	2258	80	1895	77
22	2083	67	1348	75	1602	65	2111	73	2161	71
21	2175	60	1534	71	1558	60	3223	67	2411	64
20	2372	54	2099	66	2725	55	3449	57	2674	57
19	2253	46	2246	60	1915	47	3105	46	2802	49
18	1936	39	2867	53	1607	41	3294	36	2833	40
17	1838	33	3842	44	1934	36	2213	26	2532	31
16	1738	27	4240	32	2156	30	1769	19	2437	23
15	2259	22	3119	18	1549	23	1425	14	1960	16
14	1416	15	1684	9	2357	18	954	9	1466	9
13	884	11	825	3	1464	11	749	6	947	5
12	708	8	196	1	1165	6	592	4	442	2
11	630	6	72	1	521	3	324	2	137	1
10	530	4	18	1	163	1	207	1	24	1
9	251	2	6	1	80	1	92	1	7	1
8	272	1	2	1	17	1	28	1	1	1
7	103	1	1	1	5	1	6	1	1	1
6	34	1	0	1	11	1	3	1	0	1
5	5	1	0	1	7	1	1	1	0	1
4	1	1	0	1	2	1	0	1	0	1
3	0	1	0	1	0	1	0	1	0	1
2	1	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	878	3	297	1	1062	3	316	1	242	1
28-32	2966	9	1442	4	3160	10	1255	4	2169	7
24-27	5261	16	4723	15	5074	16	4748	15	4981	16
20-23	8158	25	6542	20	7873	25	11041	34	9141	28
16-19	7765	24	13195	41	7612	24	10381	32	10604	33
13-15	4559	14	5628	18	5370	17	3128	10	4373	14
01-12	2535	8	295	1	1971	6	1253	4	612	2

AVG(SD) 20.3(5.8) 19.4(4.5) 20.5(5.8) 20.1(4.4) 20.2(4.6)

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 = 32122)

STD SCORE	USAGE/MECH		RHET SKILLS		SOC STU/SCI		ARTS/LIT		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	
18	835	99	161	99	326	99	836	99	18
17	1142	97	414	99	1231	99	1273	97	17
16	1117	94	1253	98	1236	95	1459	93	16
15	1809	90	1472	94	1534	91	1886	89	15
14	1784	85	2140	90	1695	87	1459	83	14
13	2109	79	2176	83	1964	81	2218	78	13
12	2655	73	3290	76	3260	75	3686	72	12
11	3120	64	3608	66	2942	65	2587	60	11
10	3215	55	4221	55	3891	56	2731	52	10
9	3178	45	4393	42	3955	44	2573	44	9
8	3349	35	3395	28	4071	31	2971	36	8
7	2768	24	2300	17	2536	19	2782	26	7
6	2182	16	1470	10	1659	11	2425	18	6
5	1377	9	1019	6	935	6	2119	10	5
4	931	5	581	3	495	3	758	3	4
3	388	2	187	1	259	1	267	1	3
2	147	1	37	1	107	1	84	1	2
1	16	1	5	1	26	1	8	1	1
AVERAGE		10.3		10.3		10.4		10.4	
S.D.		3.6		3.1		3.3		3.7	

STD SCORE	PRE/ELEM		ALG CP	ALG/CRD-GEOM		PLN GEOM/TRIG		STD SCORE
	FREQ	CP		FREQ	CP	FREQ	CP	
18	378	99	104	99	104	99	18	
17	587	99	176	99	156	99	17	
16	1269	97	331	99	429	99	16	
15	1182	93	519	98	744	98	15	
14	1905	89	1601	96	1465	96	14	
13	2675	83	1385	91	2349	91	13	
12	2222	75	3730	87	2748	84	12	
11	2975	68	3602	76	2661	75	11	
10	3433	59	4864	64	6308	67	10	
9	2741	48	6405	49	3945	47	9	
8	5308	40	3710	29	3935	35	8	
7	4498	23	2061	18	3078	23	7	
6	1950	9	1548	11	2021	13	6	
5	612	3	1159	6	364	7	5	
4	247	1	481	3	1149	6	4	
3	90	1	337	1	162	2	3	
2	45	1	38	1	385	2	2	
1	5	1	71	1	119	1	1	
AVERAGE		10.1		9.7		9.6		
S.D.		3.2		2.7		2.9		

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	14363	19.9	5.8	20.0	4.8	20.3	6.0	20.6	4.6	20.3	4.8
FEMALES	17597	20.7	5.7	18.9	4.2	20.6	5.7	19.6	4.1	20.1	4.4
NO RESPONSE	162	19.1	5.3	18.4	4.3	19.8	5.1	19.3	3.7	19.3	4.1

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

SCORE RANGE	M		F		M		F		M		F	
	M	F	M	F	M	F	M	F	M	F	M	F
33-36	2	3	1	0	3	3	1	1	1	1	1	1
28-32	9	10	6	3	11	9	5	3	8	6	8	6
24-27	15	18	17	13	15	16	18	12	17	15	17	15
20-23	24	26	21	20	23	26	34	35	28	29	28	29
16-19	25	24	38	44	23	24	29	35	31	34	31	34
13-15	15	13	15	19	18	16	9	10	14	13	14	13
01-12	9	7	1	1	7	5	4	4	2	2	2	2

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	5604	19	22.4	119	13	188	12	4170	24	1127	13
GOOD	11293	39	20.4	341	37	549	35	7011	40	3392	38
AVERAGE	7295	25	18.6	268	29	538	34	3662	21	2827	32
BELOW AVERAGE	1554	5	18.9	72	8	116	7	767	4	599	7
VERY INADEQUATE	2172	8	19.0	102	11	166	10	1284	7	620	7
NO RESPONSE	958	3	20.8	27	3	33	2	634	4	264	3
NO. OF STUDENTS	28876			929		1590		17528		8829	

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	32122	20.3	5.8	19.4	4.5	20.5	5.8	20.1	4.4	20.2	4.6
COLLEGE CORE											
E4, M3, SS3, NS3	20569	21.4	5.6	20.2	4.6	21.3	5.8	20.8	4.3	21.0	4.5
In between	7118	18.0	5.3	17.5	3.7	18.4	5.3	18.4	4.0	18.2	4.1
E4, M2, SS2, NS2	2680	18.7	5.7	18.4	4.2	19.2	5.7	19.1	4.3	19.0	4.5
No Response	1755	20.1	5.6	19.3	4.4	20.5	5.8	19.9	4.2	20.1	4.4
HS GPA RANGES											
3.50 - 4.00	9901	24.3	5.2	22.4	4.6	24.0	5.6	22.7	4.2	23.5	4.3
3.00 - 3.49	7910	20.0	4.7	19.0	3.8	20.2	5.1	19.8	3.7	19.9	3.7
2.50 - 2.99	5559	17.7	4.5	17.3	3.1	18.0	4.7	18.3	3.6	18.0	3.4
2.00 - 2.49	3101	16.1	4.4	16.5	2.7	16.7	4.4	17.3	3.5	16.8	3.2
1.99 & below	860	14.5	4.1	15.7	2.4	15.4	3.9	16.3	3.5	15.6	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	6940	22	3.29	20.6	20.3
ENG 9, ENG 10, ENG 11, ENG 12	21396	67	3.16	20.3	20.2
LESS THAN 4 YEARS OF ENGLISH	1973	6	3.06	19.2	19.4
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	1813	6	- . -	20.1	20.1
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	2240	7	3.37	21.7	22.5
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	3525	11	3.10	20.1	21.1
ALG 1, ALG 2, GEOM, TRIG	3712	12	2.89	18.6	19.5
ALG 1, ALG 2, GEOM, OTHER ADV MATH	3962	12	2.93	18.9	19.8
ALG 1, ALG 2, GEOM	4012	12	2.64	16.9	17.7
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	8104	25	3.34	21.7	22.4
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	1405	4	2.94	18.4	19.2
LESS THAN 3 YEARS OF MATH	3255	10	2.56	16.5	17.1
NO MATH COURSE/GRADE INFORMATION REPORTED	1907	6	- . -	19.3	20.1
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	834	3	3.28	20.8	20.3
US HIST, WORLD HIST, AM GOVT	1430	4	3.14	19.2	19.1
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	16582	52	3.44	21.1	20.7
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	8342	26	3.22	19.8	19.7
LESS THAN 3 YEARS OF SOC SCI	2941	9	3.09	19.2	19.1
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	1993	6	- . -	20.5	20.1
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	10501	33	3.37	21.1	21.4
BIOLOGY, CHEMISTRY, PHYSICS	1806	6	3.40	23.3	24.0
GEN SCIENCE, BIOLOGY, CHEMISTRY	10283	32	3.09	19.7	19.8
OTHER COMBINATIONS OF 3 YEARS NAT SCI	868	3	3.03	18.5	18.2
LESS THAN 3 YEARS OF NAT SCI	6659	21	2.86	18.3	18.1
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	2005	6	- . -	20.0	20.1

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	2952	21	3.14	20.2	20.5
ENG 9, ENG 10, ENG 11, ENG 12	9277	65	3.01	19.9	20.4
LESS THAN 4 YEARS OF ENGLISH	1039	7	2.93	18.9	19.6
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	1095	8	- . -	19.7	20.1
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	1000	7	3.35	22.9	23.1
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	1258	9	3.06	20.9	21.3
ALG 1, ALG 2, GEOM, TRIG	1503	10	2.84	19.4	19.8
ALG 1, ALG 2, GEOM, OTHER ADV MATH	1566	11	2.84	19.4	19.8
ALG 1, ALG 2, GEOM	1879	13	2.53	17.3	17.6
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	3758	26	3.29	22.4	22.6
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	711	5	2.89	18.7	19.2
LESS THAN 3 YEARS OF MATH	1544	11	2.49	17.0	17.3
NO MATH COURSE/GRADE INFORMATION REPORTED	1144	8	- . -	19.8	20.2
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	415	3	3.23	21.0	20.7
US HIST, WORLD HIST, AM GOVT	693	5	3.09	19.2	19.3
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	6808	47	3.38	21.0	20.9
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	3737	26	3.16	19.7	19.9
LESS THAN 3 YEARS OF SOC SCI	1519	11	3.03	19.2	19.3
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	1191	8	- . -	20.4	20.3
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	4930	34	3.33	21.8	21.8
BIOLOGY, CHEMISTRY, PHYSICS	859	6	3.38	24.4	24.7
GEN SCIENCE, BIOLOGY, CHEMISTRY	4036	28	2.98	20.0	19.6
OTHER COMBINATIONS OF 3 YEARS NAT SCI	406	3	2.93	19.1	18.4
LESS THAN 3 YEARS OF NAT SCI	2922	20	2.77	18.6	18.0
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	1210	8	- . -	20.4	20.2

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

ENGLISH COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS ENGLISH	ACT ENGLISH	ACT COMP
ENG 9, ENG 10, ENG 11, ENG 12, SPEECH	3959	22	3.40	20.9	20.2
ENG 9, ENG 10, ENG 11, ENG 12	12035	68	3.26	20.7	20.1
LESS THAN 4 YEARS OF ENGLISH	917	5	3.22	19.6	19.3
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	686	4	- . -	20.7	20.0
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	1233	7	3.39	20.8	21.9
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	2259	13	3.13	19.7	21.0
ALG 1, ALG 2, GEOM, TRIG	2195	12	2.93	18.0	19.3
ALG 1, ALG 2, GEOM, OTHER ADV MATH	2377	14	2.99	18.5	19.8
ALG 1, ALG 2, GEOM	2110	12	2.72	16.6	17.7
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	4317	25	3.38	21.0	22.1
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	688	4	2.99	18.0	19.2
LESS THAN 3 YEARS OF MATH	1688	10	2.61	16.0	16.9
NO MATH COURSE/GRADE INFORMATION REPORTED	730	4	- . -	18.6	19.9
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	414	2	3.33	20.6	19.9
US HIST, WORLD HIST, AM GOVT	733	4	3.18	19.1	18.9
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	9711	55	3.48	21.2	20.6
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	4569	26	3.27	19.9	19.5
LESS THAN 3 YEARS OF SOC SCI	1402	8	3.16	19.3	18.8
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	768	4	- . -	20.8	20.0
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	5534	31	3.40	20.5	21.1
BIOLOGY, CHEMISTRY, PHYSICS	937	5	3.42	22.3	23.3
GEN SCIENCE, BIOLOGY, CHEMISTRY	6211	35	3.16	19.6	19.9
OTHER COMBINATIONS OF 3 YEARS NAT SCI	460	3	3.11	18.0	18.1
LESS THAN 3 YEARS OF NAT SCI	3694	21	2.93	18.1	18.3
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	761	4	- . -	19.3	20.0

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)	
AGRICULTURE SCIENCE/TECH	537	18.2	29	52	4	4	1	1	2	2
ARCH & ENVIR DESIGN	715	20.3	38	50	3	3	2	2	3	3
BUSINESS & MGMT	2324	19.5	35	51	10	10	7	7	9	8
BUSINESS & OFFICE	204	18.2	27	55	0	1	1	1	1	1
MARKETING & DISTRIBUTION	232	20.0	29	56	1	1	1	1	1	1
COMMUNICATION & COMM TEC	728	20.7	35	50	2	2	3	3	3	3
COMMUNITY & PRSNL SVCS	758	18.2	51	38	2	3	3	4	3	3
COMPUTER & INFO SCI	917	20.0	44	44	6	6	1	1	3	3
CROSS-DISC STUDIES	25	22.0	44	40	0	0	0	0	0	0
EDUCATION	1196	19.8	49	42	2	2	6	6	4	4
TEACHER EDUCATION	786	18.9	45	43	3	3	3	3	3	3
ENGINEERING	1713	21.3	37	51	12	11	2	2	6	6
ENGINEERING-RELATED TECH	796	21.3	36	49	6	6	1	1	3	3
FOREIGN LANGUAGES	93	22.9	32	53	0	0	0	0	0	0
HEALTH SCI & ALLIED HLTH	7453	19.8	54	39	15	16	37	38	27	28
HUMAN, FAMILY/CONS SCI	288	18.3	47	39	0	0	2	2	1	1
LETTERS	121	24.1	39	48	0	0	1	0	0	0
MATHEMATICS	98	23.3	27	55	0	0	0	0	0	0
PHILOS, RELIG & THEOL	205	21.9	45	43	1	1	0	1	1	1
SCI (BIOL & PHYSICAL)	1119	22.5	40	47	4	3	4	3	4	3
SOCIAL SCIENCES	1904	21.0	47	42	5	4	9	8	7	7
TRADE & INDUSTRIAL	281	17.1	45	43	2	3	0	0	1	2
VISUAL & PERFORM ARTS	1430	20.7	45	42	5	6	5	6	5	6
UNDECIDED	3358	20.4	8	14	14	14	11	9	12	11
NO RESPONSE	4841									

NUMBER OF STUDENTS - 32122

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	2519	17.4	8	AFRICAN-AMER/BLACK	8011	17.1	25
COLL PREP	17528	21.3	55	AM INDIAN,ALASKAN NTV	312	20.1	1
OTHER/GENERAL/NO RESP	12075	19.1	38	CAUCASIAN-AMER/WHITE	21649	21.3	67
REQUEST ASSISTANCE WITH				MEXICAN-AMER/CHICANO	158	19.7	0
ED/OCCUP PLANS	12069	20.2	38	ASIAN-AMER,PACIFIC ISL	408	22.5	1
EXPR IDEAS IN WRITING	7227	19.0	22	PUERTO RICAN,HISPANIC	211	20.4	1
READING/COMPREHENSION	7427	18.7	23	OTHER	241	19.5	1
STUDY SKILLS	12955	18.9	40	MULTIRACIAL	255	20.7	1
MATH SKILLS	12002	18.6	37	PREFER NOT TO RESPOND	473	21.0	1
PERSONAL CONCERNS	3183	18.5	10	NO RESPONSE	404	20.3	1
EXPRESSED FIN NEED				ESTIMATED FAMILY INCOME			
NEED FINANCIAL AID	24094	20.0	75	LESS THAN \$18,000	3684	17.6	11
NEED TO FIND WORK	21123	19.7	66	ABOUT \$18,000-\$24,000	2622	18.2	8
SPECIAL COLLEGE PROG				ABOUT \$24,000-\$30,000	2090	18.8	7
INDEP STUDY	11657	20.8	36	ABOUT \$30,000-\$36,000	1843	19.3	6
HONORS COURSES	9755	22.2	30	ABOUT \$36,000-\$42,000	2008	19.6	6
ADV PLACEMENT IN COLL				ABOUT \$42,000-\$50,000	2309	20.3	7
ENGLISH	9173	21.7	29	ABOUT \$50,000-\$60,000	2604	20.7	8
MATH	8234	21.9	26	ABOUT \$60,000-\$80,000	3740	21.2	12
SOCIAL STUDIES	8633	21.7	27	ABOUT \$80,000-\$100,000	2604	21.9	8
NATURAL SCIENCE	7685	21.7	24	MORE THAN \$100,000	2824	23.0	9
FOREIGN LANG	5080	21.5	16	NO RESPONSE	5794	20.7	18
MAX YEARLY COLL TUITION				HS CLASS RANK			
\$1000 & UNDER	1462	16.6	5	TOP QTR	11917	22.7	37
\$1001 - \$2000	1789	17.6	6	2ND QTR	10954	19.0	34
\$2001 - \$4000	3789	18.7	12	3RD QTR	4949	17.2	15
\$4001 - \$7500	4240	20.0	13	4TH QTR	668	16.3	2
\$7501 & OVER	1322	20.7	4	NO RESPONSE	3634	20.3	11
NO PREFERENCE	15709	21.1	49	EDUC DEG ASPIRATION			
NO RESPONSE	3811	20.7	12	VOC-TECH	313	16.0	1
MOST RECENTLY TESTED				2YR COL DEGREE	1583	16.6	5
SOPHOMORE	494	19.6	2	BACHELORS DEGREE	10701	19.4	33
JUNIOR	8125	20.9	25	GRAD STUDY	5486	21.8	17
SENIOR	21159	19.8	66	PROF LEVEL DEGREE	10198	21.2	32
OTHER/NO RESPONSE	2344	21.6	7	OTHER	1173	17.6	4
COLLEGE CORE PREPARATION				NO RESPONSE	2668	20.0	8
CORE OR MORE	20569	21.0	64	NUMBER OF STUDENTS			
LESS THAN CORE	9798	18.4	31	HOME SCHOOLED	358	20.5	1
NO RESPONSE	1755	20.1	5	EARNED A GED	39	18.9	0
				ALL STUDENTS	32122	20.2	100

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	
0011 AUBURN UNIVERSITY	AL	11024	4527	6497	1	8	28	34	20	8	1	
0052 U OF ALABAMA	AL	10350	3769	6581	1	7	29	35	20	8	1	
0056 U OF ALABAMA-BRMINGHAM	AL	8238	2243	5995	1	12	35	30	16	5	0	
0048 TROY UNIV-TROY	AL	4129	978	3151	2	15	37	31	13	4	0	
0059 U OF SOUTH ALABAMA	AL	3420	970	2450	1	10	33	34	17	5	0	
0020 JACKSONVILLE STATE	AL	3386	861	2525	2	16	40	28	11	3	0	
0053 U OF ALABAMA-HUNTSVL	AL	2986	671	2315	1	8	30	33	20	7	1	
0014 U OF NORTH ALABAMA	AL	2844	708	2136	1	10	37	32	15	4	0	
0002 ALABAMA A&M UNIV	AL	2715	1006	1709	6	32	46	14	3	0	0	
0008 ALABAMA STATE UNIV	AL	2581	667	1914	6	33	42	15	3	0	0	
0016 SAMFORD UNIVERSITY	AL	2279	388	1891	0	6	21	35	25	13	1	
0057 AUBURN U-MONTGOMERY	AL	1930	508	1422	2	19	40	26	11	2	0	
0012 BIRMINGHAM-SOUTHERN	AL	1744	309	1435	1	8	23	29	25	13	1	
0004 UNIV OF MONTEVALLO	AL	1634	401	1233	1	10	34	34	17	5	0	
0007 SHELTON STATE C C	AL	1344	416	928	3	20	45	25	6	1	0	
0047 JEFFERSON ST COMM C	AL	1282	319	963	2	18	42	28	8	1	0	
0083 WALLACE STATE COLL	AL	1277	427	850	2	17	43	29	8	1	0	
0075 CALHOUN COMM COLLEGE	AL	1034	372	662	2	13	40	32	10	3	0	
0024 UNIV OF WEST ALABAMA	AL	1033	238	795	3	20	45	23	7	1	0	
0029 UNIVERSITY OF MOBILE	AL	995	199	796	2	11	35	32	16	4	0	
0050 TUSKEGEE UNIVERSITY	AL	976	194	782	5	25	47	18	5	0	0	
2220 MISSISSIPPI STATE U	MS	925	123	802	2	9	24	29	23	12	1	
0040 SOUTHERN UNION ST CC	AL	860	214	646	2	19	44	27	6	1	0	
0077 GADSDEN STATE CC	AL	818	242	576	2	15	46	27	9	2	0	
0872 UNIV OF GEORGIA	GA	758	81	677	1	6	20	29	27	16	2	
0734 FLORIDA STATE UNIV	FL	709	116	593	3	10	29	28	21	8	1	
0028 MILES COLLEGE	AL	683	112	571	6	45	41	8	0	0	0	
0018 HUNTINGDON COLL-AL	AL	662	124	538	2	11	27	37	17	7	0	
0133 TROY U-MONTGOMERY	AL	659	81	578	3	25	47	20	5	1	0	
0003 FAULKNER U	AL	647	128	519	2	18	41	26	10	2	0	
2250 U OF MISSISSIPPI	MS	641	81	560	1	5	20	35	29	11	1	
4036 VANDERBILT UNIV	TN	628	108	520	0	3	8	17	28	35	10	
0818 GEORGIA INST OF TECH	GA	618	106	512	1	5	15	19	27	25	7	
0036 SNEAD STATE COMM C	AL	600	156	444	2	13	42	29	12	3	0	
6747 NW-SHOALS COMM COLL	AL	547	183	364	3	17	47	26	7	1	0	
ALL OTHER INSTITUTIONS		27902	6149	21753	2	15	31	25	16	9	1	
TOTALS		104858	28175	76683	2	13	33	29	16	7	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	(537)	(18.2)	BUSINESS & OFFICE	(204)	(18.2)
AGRICULTURAL BUSINESS	15	19.5	BOOKKEEPING/ACCT TECH	16	20.7
AGRICULTURAL ECONOMICS	5	19.0	BUSINESS DP/COMPUTER OPER	6	17.8
AGRICULTURAL MECHANICS	9	20.4	COURT REPORTING	5	17.4
AGRI PRODUCTION/TECH	4	20.3	OFFICE SUPERVISION & MGMT	18	16.7
AGRONOMY	6	20.8	SECRETARIAL	23	17.1
ANIMAL SCIENCES	46	19.7	TYPING & GENERAL OFFICE	5	14.6
FARM & RANCH MANAGEMENT	15	18.5	WORD PROCESSING	1	20.0
FISH, GAME, WILDLIFE MGMT	92	17.7	BUSINESS & OFFICE, GEN	130	18.5
FOOD SCIENCES/ENGINEERING	6	16.7			
FORESTRY & RELATED SCI	72	18.1	MARKETING & DISTRIBUTION	(232)	(20.0)
HORTICULTURE/ORNMENTAL HORT	5	17.8	FASHION MERCHANDISING	71	19.4
NATURAL RESOURCES MGMT	3	18.3	RETAILING & SALES	18	17.8
AGRICULTURE & AG TECH, GEN	259	17.8	TRAVEL SERVICES & TOURISM	1	15.0
			MARKETING & DISTRIB, GEN	142	20.7
ARCH & ENVIR DESIGN	(715)	(20.3)			
ARCHITECTURAL DRAFTING	92	19.2	COMMUNICATIONS & COMM TECH	(728)	(20.7)
ARCHITECTURE	133	21.1	ADVERTISING	36	21.7
BLDG CON/CONSTRUCTION SCI	51	19.2	GRAPHIC/COMMERCIAL ART	25	19.0
CITY, COMM & REG PLANNING	2	17.0	GRAPHIC & PRINT COMMUNIC	4	16.0
ENVIRONMENTAL DESIGN	6	18.7	JOURNALISM	149	21.9
INTERIOR DESIGN	100	19.9	PHOTO/FILM/VIDEO TECH	41	19.2
LANDSCAPE ARCHITECTURE	29	17.6	PUBLIC RELATIONS	36	20.9
ARCHI & ENVIR DESIGN, GEN	302	21.0	RADIO/TV BROADCASTING	127	19.1
			RADIO/TV PRODUCTN & TECH	15	20.6
BUSINESS & MGMT	(2324)	(19.5)	COMMUNIC & COMM TECH, GEN	295	21.2
ACCOUNTING	272	19.5			
BANKING & FINANCE	69	20.7	COMMNTY & PRSNL SVCS	(758)	(18.2)
BUSINESS ADMIN & MGMT	334	18.8	CORRECTIONS	5	15.6
BUSINESS ECONOMICS	30	20.3	COSMETOLOGY/HAIRSTYLING	85	15.9
CONTRACT MGMT & PURCHSING	7	18.7	CRIMINAL JUSTICE/CRIMINOL	308	18.8
HOTEL/RESTAURANT MGMT	23	18.9	FIRE PROTECTN/SAFETY TECH	5	17.4
HUMAN RESOURCE DEVEL/TRNG	7	22.1	FUNERAL SVCS/MORTUARY SCI	12	16.6
INSTITUTIONAL MANAGEMENT	0	0.0	LAW ENFORCEMENT & ADMIN	64	18.8
INSURANCE & RISK MGMT	7	18.6	LIBRARY SCI/LIB ASSISTING	3	24.0
INTERNATL BUSINESS/MGMT	56	22.3	MILITARY SCIENCE/TECH	17	18.1
LABOR/INDUSTRL RELATIONS	0	0.0	PARKS & RECREATION	3	19.3
MANAGEMENT INFO SYSTEMS	13	17.9	PUBLIC ADMINISTRATION	3	17.7
MANAGEMENT SCIENCE	1	20.0	PUBLIC AFFAIRS	5	21.2
MARKETING MGMT & RESEARCH	51	19.0	SOCIAL WORK	81	17.7
ORGANIZATIONAL BEHAVIOR	3	17.3	COMMNTY & PRSNL SVCS, GEN	167	18.3
PERSONNEL MANAGEMENT	7	20.9			
REAL ESTATE	65	16.9			
SML BUSINESS MGMT/OWNRSHP	110	18.8			
TRADE & INDUSTRIAL MGMT	4	17.8			
TRANSPORTATION MANAGEMENT	1	14.0			
BUSINESS & MGMT, GEN	1264	19.7			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	(917)	(20.0)	ENGINEERING	(1713)	(21.3)
COMPUTER PROGRAMMING	381	19.8	AEROSPACE ENGINEERING	119	25.0
COMPUTER SCIENCE	173	21.0	AGRICULTURAL ENGINEERING	15	21.3
DATA PROCESSING	6	16.2	ARCHITECTURAL ENGINEERING	26	19.3
INFO SCIENCES & SYSTEMS	17	21.4	BIOENGINEER & BIOMED ENG	51	25.9
MATH/COMPUTER SCIENCE	11	21.5	CERAMIC ENGINEERING	2	14.5
COMPUTER & INFO SCI, GEN	329	19.8	CHEMICAL ENGINEERING	66	24.4
CROSS-DISC STUDIES	(25)	(22.0)	CIVIL ENGINEERING	108	21.6
AREA & ETHNIC STUDIES	9	17.2	COMPUTER ENGINEERING	186	19.1
LIBERAL ARTS/GEN STUDIES	11	24.3	CONSTRUCTION ENG/MGMT	15	17.7
MULTI-/INTERDISC STUDIES	1	25.0	ELECTRCL & ELECTRONIC ENG	124	20.5
CROSS-DISC STUDIES, GEN	4	25.5	ENGINEERING MANAGEMENT	2	14.5
EDUCATION	(1196)	(19.8)	ENGINEERING PHYSICS	6	24.2
ADULT & CONTINUING EDUC	3	21.7	ENGINEERING SCIENCE	5	23.2
EDUCATION ADMINISTRATION	13	18.8	ENVIRONMENTAL HEALTH ENG	4	20.8
ELEMENTARY EDUCATION	397	19.4	GEOLOGICAL & GEOPHYS ENG	0	0.0
JR HIGH/MIDDLE SCH EDUC	74	18.2	INDUSTRIAL ENGINEERING	12	20.5
PRE-ELEMENTARY EDUCATION	59	16.9	MATERIALS ENGINEERING	5	22.0
SECONDARY EDUCATION	150	21.6	MECHANICAL ENGINEERING	185	20.8
STUDENT COUNSELING	15	18.0	METALLURGICAL ENGINEERING	6	17.7
TEACHER AIDE	2	14.0	MINING & MINERAL ENG	1	22.0
EDUCATION, GENERAL	483	20.2	NAVAL ARCHIT & MARINE ENG	2	19.0
TEACHER EDUCATION	(786)	(18.9)	NUCLEAR ENGINEERING	9	25.2
AGRICULTURAL EDUCATION	6	18.3	OCEAN ENGINEERING	2	22.0
ART EDUCATION	16	19.3	PETROLEUM ENGINEERING	3	17.0
BUSINESS EDUCATION	4	15.3	SYSTEMS ENGINEERING	2	17.5
ENGLISH EDUCATION	52	22.7	ENGINEERING, GENERAL	757	21.0
FOREIGN LANGUAGES EDUC	3	19.3	ENGINEERING-RELATED TECH	(796)	(21.3)
HEALTH EDUCATION	8	15.3	AERONAUTICAL TECHNOLOGY	51	23.6
HUMAN, FAM/CONS SCI EDUC	5	18.4	AC, HEATING, REFRIG TECH	3	14.7
INDUSTRIAL ARTS EDUCATION	0	0.0	ARCHITECTURAL DESIGN TECH	34	21.5
MATHEMATICS EDUCATION	37	21.0	BIOMEDICAL EQUIPMENT TECH	7	25.1
MUSIC EDUCATION	84	19.9	CIVIL ENGINEERING TECH	22	20.8
PHYSICAL EDUCATION	157	16.5	COMPUTER ENGINEERING TECH	100	20.3
SCIENCE EDUCATION	20	20.8	CONSTRUCTION/BLDG TECH	3	15.0
SOC STUDIES/SOC SCI EDUC	41	19.0	DRAFTING & DESIGN TECH	18	16.4
SPECIAL EDUCATION	30	19.6	ELECTRICAL ENG TECHNOLOGY	75	20.3
SPEECH CORRECTION EDUC	4	18.3	ELECTRONIC ENG TECHNOLOGY	40	19.4
TEACHING ENGL AS 2ND LANG	2	21.5	ELECTROMECHAN INSTR TECH	3	18.3
TECH/TRADE & IND ED	0	0.0	ENVIRONMENTAL CONTRL TECH	4	20.5
TEACHER EDUCATION, OTHER	18	18.3	INDUSTRRL PRODUCTION TECH	0	0.0
TEACHER EDUCATION, GEN	299	18.9			

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	(288)	(18.3)
MANUFACTURING TECHNOLOGY	1	20.0	CHILD DEV, CARE, GUIDANCE	44	16.0
MECHANICAL ENG TECH	67	20.4	CHILD CARE AIDE/ASSISTING	13	15.2
MINING & PETROLEUM TECH	0	0.0	CULINARY ARTS	67	18.5
OCCUPATL SFTY & HLTH TECH	0	0.0	FAMILY/CONS RESOURCE MGMT	1	15.0
SURVEYING & MAPPING TECH	10	18.0	FASHION DESIGN	43	18.1
ENGINEERING TECH, OTHER	15	22.1	FOOD PRODUCTN, MGMT, SVCS	1	11.0
ENGINEER-RELATD TECH, GEN	343	22.3	FOOD SCI & NUTR/DIETETICS	15	23.7
			HUMAN ENVIRON & HOUSING	1	21.0
FOREIGN LANGUAGES	(93)	(22.9)	INDIVIDUAL & FAMILY DEVEL	5	20.2
ASIATIC LANGUAGES	11	23.9	TEXTILES AND CLOTHING	1	23.0
CLASSICAL LANGUAGES	2	20.0	HUMAN, FAM/CONS SCI, GEN	97	18.8
FRENCH	10	24.0			
GERMAN	5	23.8	LETTERS	(121)	(24.1)
ITALIAN	0	0.0	CLASSICS	1	19.0
MIDDLE EASTERN LANGUAGES	2	22.0	COMPARATIVE LITERATURE	1	16.0
RUSSIAN	1	23.0	CREATIVE WRITING	48	21.9
SPANISH	29	22.7	ENGLISH, GENERAL	39	25.7
FOREIGN LANGUAGES, OTHER	3	16.7	LINGUISTICS	0	0.0
FOREIGN LANGUAGES, GEN	30	23.1	LITERATURE, ENGLISH/AMER	11	26.5
			SPEECH & RHETORICAL STUDY	0	0.0
HEALTH SCI & ALLIED HLTH	(7453)	(19.8)	LETTERS, GENERAL	21	25.6
CHIROPRACTIC	34	19.9			
DENTAL ASSISTING	19	14.9	MATHEMATICS	(98)	(23.3)
DENTAL HYGIENE	61	18.0	ACTUARIAL SCIENCES	3	27.7
DENTAL LAB/TECHNOLOGY	4	15.8	APPLIED MATHEMATICS	10	24.1
DENTISTRY	191	20.4	STATISTICS	3	15.3
EMERG MED TECH/PARAMEDIC	42	18.0	MATHEMATICS, GENERAL	82	23.3
HEALTH CARE ADMIN	31	18.0			
MEDICAL/SURG ASSISTING	151	19.3	PHILOS, RELIG & THEOLOGY	(205)	(21.9)
MEDICAL LAB/TECHNOLOGY	57	20.1	BIBLE STUDIES	22	21.3
MED RECORDS ADMIN/TECH	16	16.9	PHILOSOPHY	8	20.9
MEDICINE	1027	22.2	RELIGION	30	22.8
MNTL HLTH & HUM SVCS/TECH	30	20.4	RELIGIOUS EDUCATION	18	19.5
NUCLEAR MEDICINE TECH	14	19.0	RELIGIOUS MUSIC	17	21.2
NURSING (PRACTICAL)	231	16.8	THEOLOGY	16	22.3
NURSING (REGISTERED)	1311	18.3	PHILOS, RELIG & THEOL, GEN	94	22.3
OCCUPATNL THERAPY/ASSIST	60	17.9			
OPTOMETRY	44	21.5			
PHARMACY	442	21.2			
PHYSICIAN ASSISTING	24	18.8			
PHYSICAL THERAPY/ASSIST	593	18.8			
RADIOLOGY/RADIOLOGIC TECH	218	18.8			
REC/ART/MUSIC THERAPY	7	19.9			
RESPIRATORY THERAPY/TECH	15	17.5			
SPEECH PATHOL/AUDIOLOGY	19	19.5			
VETERINARIAN ASSISTING	30	18.3			
VETERINARY MEDICINE	265	21.0			
HEALTH SCI & ALLIED, GEN	2517	20.0			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL) (	1119)	(22.5)	VISUAL/PERFORM ARTS	(1430)	(20.7)
ASTRONOMY	16	22.2	APPLIED DESIGN/CRAFTS	7	21.6
ATMOSPHER SCI & METEOROL	45	20.5	ART	126	19.6
BIOCHEMISTRY & BIOPHYSICS	57	25.4	ART HIST & APPRECIATION	6	19.7
BIOLOGY	320	21.7	CINEMATOGRAPHY/FILM/VIDEO	69	21.9
BOTANY	7	21.0	DANCE	40	18.6
CHEMISTRY	115	24.4	DESIGN, GENERAL	38	20.6
EARTH SCIENCE	3	21.3	DRAMA/THEATRE ARTS	156	21.3
ECOLOGY/ENV STUDIES	21	21.5	FINE ARTS, GENERAL	21	22.9
GEOLOGY	7	19.4	GRAPHIC ARTS TECHNOLOGY	22	20.3
MICROBIOLOGY	19	25.5	GRAPHIC DESIGN	84	20.4
OCEANOGRAPHY	42	20.1	MUSIC (LIBERAL ARTS)	56	22.3
PHYSICS	42	25.5	MUSIC PERFORMANCE	220	21.0
ZOOLOGY	72	22.1	MUSIC THEORY & COMPOSIT	52	20.5
SCIENCES (BIO & PHYS), GEN	353	22.5	PHOTOGRAPHY	74	19.5
			VISUAL/PERFORM ARTS, GEN	459	20.7
SOCIAL SCIENCES (	1904)	(21.0)	UNDECIDED	(3358)	(20.4)
ANTHROPOLOGY	20	24.5			
ECONOMICS	6	22.5			
GEOGRAPHY	5	20.8			
HISTORY	101	22.6			
INTERNATIONAL RELATIONS	22	26.2			
LAW	535	20.5			
PARALEGAL/LEGAL ASSISTING	22	19.1			
POLITICAL SCI/GOVERNMENT	111	24.3			
PSYCHOLOGY	650	20.4			
SOCIOLOGY	38	19.5			
URBAN STUDIES	2	16.5			
SOCIAL SCIENCES, GENERAL	392	21.3			
TRADE & INDUSTRIAL (	281)	(17.1)			
AIRCRAFT TECHNICIAN	7	16.0			
AIRPLANE PILOTING & NAVIG	20	21.1			
AUTOMOTIVE BODY REPAIR	31	15.9			
AUTOMOTIVE TECHNOLOGY	50	17.3			
AVIATION MANAGEMENT	4	19.8			
COMPUTER ELECTRNCS/REPAIR	8	15.9			
CONSTRCT TRADES & CARPENT	6	17.7			
DIESEL MECHANICS & TECH	11	17.1			
DRAFTING	6	18.0			
ELECTRICAL EQUIP REPAIR	11	15.0			
HEATING, AC, REFRIG MECH	2	12.0			
MACHINE TECHNOLOGY	3	15.0			
MECHANICAL DRAFTING	0	0.0			
WELDING & WELDING TECH	25	15.4			
TRADE & INDUSTRIAL, GEN	97	17.5			

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)	162	16.1	77	16.6	84	15.6	29	16.2	129	16.1
BUSINESS OPER (04-05)	212	16.5	97	17.2	109	15.7	89	16.0	123	16.8
TECHNICAL (06-07)	399	16.1	160	17.0	230	15.5	259	16.0	139	16.4
SCIENCE & TECH (08-09)	255	17.3	112	17.8	138	16.9	125	17.1	130	17.5
ARTS (10-11)	120	16.7	55	17.3	60	16.0	46	16.8	74	16.6
SOCIAL SERVICE (12-01)	150	16.1	66	16.4	81	15.9	35	16.0	115	16.1
OTHER*	598	16.5	281	17.1	288	15.9	233	16.6	360	16.5
TOTAL	1896	16.5	848	17.1	990	15.9	816	16.4	1070	16.5
<u>PLAN ON 4-YEARS OR MORE OF COLLEGE</u>										
ADMIN & SALES (02-03)	3076	19.8	2175	20.4	856	18.2	885	20.1	2179	19.7
BUSINESS OPER (04-05)	1999	19.9	1385	20.8	584	18.0	938	19.8	1054	20.1
TECHNICAL (06-07)	3385	20.1	2268	21.0	1058	18.1	2229	20.2	1146	19.8
SCIENCE & TECH (08-09)	3980	21.6	2784	22.4	1126	19.8	2078	21.9	1891	21.3
ARTS (10-11)	2782	21.7	1998	22.4	745	20.0	895	21.9	1879	21.6
SOCIAL SERVICE (12-01)	3064	20.7	2146	21.3	878	19.2	931	20.9	2118	20.6
OTHER*	8099	20.3	5372	21.1	2361	18.7	3634	20.6	4424	20.2
TOTAL	26385	20.6	18128	21.3	7608	18.8	11590	20.8	14691	20.5

* 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	HS GPA
		ENGLISH	MATH	SOCIAL STUDIES	NATURAL SCIENCE	AVG	SD
MALE	11718	3.04	2.97	3.27	3.10	3.09	0.64
FEMALE	15509	3.29	3.07	3.39	3.21	3.24	0.58
NO RESPONSE	104	3.06	2.89	3.19	2.99	3.03	0.57
AFRICAN-AMERICAN/BLACK	7113	2.91	2.72	3.04	2.86	2.88	0.59
CAUCASIAN-AMERICAN/WHITE	18256	3.29	3.14	3.45	3.27	3.28	0.58
OTHER MINORITY	1098	3.23	3.19	3.41	3.24	3.27	0.58
MISSING/PREFER NO RESP	864	3.18	2.99	3.37	3.17	3.18	0.59
TOTAL	27331	3.18	3.03	3.34	3.16	3.17	0.61

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 64, THIS MEANS THAT 64% 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 57 PERCENT OF STUDENTS SCORED BELOW 21.

TABLE 4 EXAMPLE

STD SCORE	ACT COMPOSITE	
	FREQ	CP
36	4	99
35	42	99
34	66	99
33	130	99
32	178	99
31	263	99
30	441	98
29	546	97
28	741	95
27	934	92
26	1113	90
25	1324	86
24	1610	82
23	1895	77
22	2161	71
21	2411	64 <-- 64% OF THE STUDENTS SCORE AT OR BELOW 21
20	2674	57 <-- 57% OF THE STUDENTS SCORE BELOW 21
19	2802	49
18	2833	40
17	2532	31
16	2437	23
15	1960	16
14	1466	9
13	947	5
12	442	2
11	137	1
10	24	1
9	7	1
8	1	1
7	1	1
6	0	1
5	0	1
4	0	1
3	0	1
2	0	1
1	0	1

