

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

**STATE COMPOSITE FOR  
SOUTH CAROLINA**

**CODE 410-000**



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	7757	2355	72/ 22	19.4/16.9	19.7/17.7	19.9/17.8	19.6/17.9	19.8/17.7
2001-02	8487	2576	71/ 22	19.4/16.7	19.5/17.6	19.8/17.6	19.6/17.7	19.7/17.5
2002-03	9093	3070	68/ 23	19.2/16.9	19.5/17.6	19.9/17.8	19.6/18.0	19.7/17.7
2003-04	8748	3253	66/ 24	19.3/17.0	19.5/17.9	19.9/18.0	19.6/18.1	19.7/17.9
2004-05	8751	3551	63/ 26	19.4/17.4	19.7/18.2	20.1/18.4	19.7/18.4	19.8/18.2

## EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
2000-01	10797	18.8	19.3	19.5	19.2	19.3
2001-02	11978	18.8	19.1	19.3	19.2	19.2
2002-03	13359	18.7	19.0	19.4	19.2	19.2
2003-04	13332	18.8	19.1	19.4	19.3	19.3
2004-05	13867	18.8	19.3	19.6	19.3	19.4

## EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
Q3 (75TH PERCENTILE)	22.6	22.4	23.5	21.9	22.4
Q2 (50TH PERCENTILE - MEDIAN)	18.6	18.1	18.9	19.2	18.9
Q1 (25TH PERCENTILE)	14.7	15.9	14.8	16.6	15.9

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 I C A N, H I S P A N I C AVERAGE
CORE OR MORE	(N= 3218)	(N= 22)	(N= 4800)	(N= 35)	(N= 120)	(N= 74)
ENGLISH	16.1	19.5	21.5	18.7	21.4	18.9
USAGE/MECH	7.7	9.5	11.0	9.4	10.8	9.5
RHET SKILLS	8.1	10.3	10.9	9.5	10.9	9.5
MATHEMATICS	17.1	20.2	21.2	19.3	23.2	19.9
PRE/ELEM-ALG	8.8	10.9	11.5	10.5	12.5	10.4
ALG/CRD-GEOM	8.5	9.8	10.6	9.2	11.5	10.2
PLANE GEOM/TRIG	8.1	10.4	10.5	9.6	11.5	9.9
READING	16.8	19.9	22.1	19.4	22.3	19.2
SOC STU/SCI	8.2	10.0	11.1	9.5	11.2	9.1
ARTS/LITERATURE	8.4	9.8	11.6	10.1	11.7	10.1
SCIENCE	17.3	20.5	21.2	19.1	21.6	19.8
COMPOSITE	17.0	20.1	21.6	19.3	22.2	19.5
LESS THAN CORE	(N= 1515)	(N= 16)	(N= 1679)	(N= 23)	(N= 33)	(N= 28)
ENGLISH	14.2	19.1	20.1	17.0	21.9	15.8
USAGE/MECH	6.7	9.8	10.1	8.1	11.3	7.6
RHET SKILLS	7.2	9.5	10.3	8.9	11.1	8.0
MATHEMATICS	15.9	20.0	20.2	18.1	23.5	18.5
PRE/ELEM-ALG	7.7	11.1	10.8	9.5	12.6	9.5
ALG/CRD-GEOM	7.7	10.0	10.0	9.2	11.5	9.3
PLANE GEOM/TRIG	7.4	9.4	10.1	8.5	12.2	9.3
READING	15.4	20.1	21.0	18.6	23.0	18.1
SOC STU/SCI	7.4	10.6	10.4	8.9	11.5	9.1
ARTS/LITERATURE	7.6	9.6	10.9	9.7	12.2	9.3
SCIENCE	16.2	20.0	20.2	18.1	22.5	18.2
COMPOSITE	15.5	19.9	20.5	18.0	22.8	17.7
NO RESPONSE	(N= 347)	(N= 5)	(N= 993)	(N= 7)	(N= 18)	(N= 10)

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= 5080)	(N= 43)	(N= 7472)	(N= 65)	(N= 171)	(N= 112)
ENGLISH	15.4	19.7	21.1	17.9	21.3	18.4
USAGE/MECH	7.3	9.8	10.7	8.9	10.8	9.2
RHET SKILLS	7.8	10.1	10.7	9.1	10.9	9.3
MATHEMATICS	16.7	20.3	20.9	18.6	23.0	19.6
PRE/ELEM-ALG	8.4	11.1	11.3	9.9	12.4	10.2
ALG/CRD-GEOM	8.2	10.0	10.4	9.1	11.4	10.0
PLANE GEOM/TRIG	7.8	10.2	10.4	9.1	11.6	9.8
READING	16.3	20.3	21.7	18.9	22.3	19.3
SOC STU/SCI	7.9	10.4	10.8	9.2	11.2	9.3
ARTS/LITERATURE	8.1	10.0	11.4	9.8	11.7	10.2
SCIENCE	16.9	20.6	20.9	18.6	21.7	19.4
COMPOSITE	16.5	20.3	21.3	18.6	22.2	19.3

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	439 20.1	12 24.8	2062 24.1	13 21.5	69 24.4	24 21.2
3.00 - 3.49	1111 17.6	10 18.6	1777 21.0	22 18.5	44 21.0	34 19.6
2.50 - 2.99	1235 16.2	7 17.0	1008 19.2	9 18.1	13 18.6	15 18.3
2.00 - 2.49	877 15.3	3 17.3	447 17.8	4 14.5	7 17.1	16 16.4
1.99 & BELOW	354 14.4	0 0.0	100 17.3	0 0.0	1 17.0	1 15.0
CGPA PRED BY STUDENT						
3.5 - 4.0	689 19.1	15 23.1	1936 24.0	16 21.7	68 24.5	29 20.8
3.0 - 3.4	1929 17.1	12 20.8	3174 20.8	24 17.8	61 21.4	45 18.6
2.5 - 2.9	1178 15.6	8 15.8	957 18.8	10 17.3	10 19.1	17 18.7
2.0 - 2.4	627 14.8	3 15.3	309 17.6	1 16.0	8 16.3	6 17.7
1.9 & BELOW	139 14.1	0 0.0	53 16.9	2 12.5	1 18.0	1 14.0
HIGH SCHOOL RANK						
TOP QUARTER	1047 19.0	17 22.9	2983 23.4	17 21.4	85 24.4	42 21.0
2ND QUARTER	1690 16.5	14 18.5	2042 19.6	27 17.7	36 19.4	29 18.7
BOTTOM HALF	1661 15.1	5 16.0	890 18.2	7 16.0	12 18.3	17 16.1



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	2355	17	1180	9	351	3	59	0
	FEMALE	3992	29	2094	15	766	6	57	0
	TOTAL	6393	46	3296	24	1124	8	117	1
NO. & VARIETY OF COURSE OFFERINGS	MALE	2196	16	956	7	729	5	64	0
	FEMALE	3610	26	1559	11	1642	12	98	1
	TOTAL	5847	42	2532	18	2386	17	165	1
GRADING PRACTICES & POLICIES	MALE	2093	15	1244	9	542	4	63	0
	FEMALE	3753	27	2027	15	1026	7	97	1
	TOTAL	5890	42	3292	24	1576	11	162	1
NO. & KINDS OF TESTS GIVEN	MALE	1954	14	1461	11	455	3	76	1
	FEMALE	3349	24	2510	18	970	7	76	1
	TOTAL	5335	38	3999	29	1437	10	154	1
GUIDANCE SERV PROVIDED BY GUIDANCE OFFICE	MALE	2169	16	913	7	720	5	138	1
	FEMALE	3626	26	1434	10	1650	12	187	1
	TOTAL	5836	42	2363	17	2385	17	328	2
SCHOOL RULES, REGULATIONS, & POLICIES	MALE	1701	12	1149	8	982	7	102	1
	FEMALE	2768	20	2006	14	1975	14	146	1
	TOTAL	4498	32	3178	23	2976	21	252	2
LIBRARY OR LEARNING CENTER	MALE	2239	16	1151	8	434	3	115	1
	FEMALE	4059	29	1896	14	797	6	148	1
	TOTAL	6345	46	3066	22	1234	9	269	2
LABORATORY FACILITIES	MALE	1990	14	1182	9	583	4	183	1
	FEMALE	3407	25	2045	15	1137	8	303	2
	TOTAL	5432	39	3250	23	1732	12	490	4
PROVISIONS FOR SPECIAL HELP IN READING, MATH, ETC	MALE	1768	13	1130	8	407	3	631	5
	FEMALE	3007	22	1812	13	927	7	1141	8
	TOTAL	4807	35	2960	21	1344	10	1787	13
PROVISIONS FOR ACADEMICALLY OUTSTANDING STU	MALE	2318	17	972	7	308	2	339	2
	FEMALE	4329	31	1530	11	590	4	442	3
	TOTAL	6688	48	2520	18	906	7	789	6
ADEQUACY OF PROG IN CAREER EDUC & PLANNING	MALE	1824	13	1207	9	599	4	301	2
	FEMALE	3227	23	1955	14	1240	9	465	3
	TOTAL	5088	37	3182	23	1852	13	771	6

NUMBER OF STUDENTS - 13867

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 13867)

STD SCORE	ACT ENGLISH		ACT MATHEMATICS		ACT READING		ACT SCIENCE		ACT COMPOSITE	
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP
36	7	99	8	99	52	99	12	99	2	99
35	36	99	25	99	75	99	22	99	7	99
34	77	99	41	99	127	99	33	99	16	99
33	87	99	33	99	153	98	15	99	45	99
32	86	99	44	99	129	97	57	99	58	99
31	129	98	83	99	204	96	34	99	92	99
30	148	97	71	98	226	95	61	99	122	98
29	280	96	150	98	263	93	109	98	168	98
28	272	94	218	97	386	91	166	98	275	96
27	307	92	368	95	401	88	215	96	298	94
26	371	90	492	92	407	85	365	95	409	92
25	534	87	459	89	407	83	465	92	544	89
24	534	83	738	86	648	80	598	89	651	85
23	639	79	660	80	767	75	816	84	694	81
22	745	75	540	76	650	69	858	79	831	76
21	877	69	715	72	599	65	1307	72	925	70
20	992	63	886	67	975	60	1465	63	1069	63
19	952	56	940	60	838	53	1301	52	1143	55
18	873	49	1294	53	724	47	1467	43	1167	47
17	799	43	1572	44	821	42	1114	32	1185	39
16	805	37	1833	33	993	36	827	24	1184	30
15	1033	31	1283	19	789	29	749	18	993	22
14	846	24	763	10	1121	23	537	13	846	14
13	524	18	451	5	804	15	490	9	563	8
12	456	14	136	1	702	9	313	6	353	4
11	424	11	49	1	359	4	205	3	160	2
10	358	7	8	1	127	2	157	2	42	1
9	227	5	5	1	67	1	70	1	16	1
8	267	3	0	1	17	1	20	1	6	1
7	122	1	0	1	12	1	8	1	2	1
6	41	1	2	1	13	1	8	1	0	1
5	13	1	0	1	3	1	3	1	1	1
4	5	1	0	1	6	1	0	1	0	1
3	0	1	0	1	0	1	0	1	0	1
2	1	1	0	1	2	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	207	1	107	1	407	3	82	1	70	1
28-32	915	7	566	4	1208	9	427	3	715	5
24-27	1746	13	2057	15	1863	13	1643	12	1902	14
20-23	3253	23	2801	20	2991	22	4446	32	3519	25
16-19	3429	25	5639	41	3376	24	4709	34	4679	34
13-15	2403	17	2497	18	2714	20	1776	13	2402	17
01-12	1914	14	200	1	1308	9	784	6	580	4

AVG(SD) 18.8( 5.8) 19.3( 4.5) 19.6( 5.9) 19.3( 4.4) 19.4( 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 = 13867)

STD SCORE	USAGE/MECH		RHET SKILLS		SOC STU/SCI		ARTS/LIT		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	
18	228	99	44	99	125	99	341	99	18
17	355	98	65	99	461	99	489	98	17
16	413	96	361	99	455	96	682	94	16
15	496	93	400	97	492	92	707	89	15
14	645	89	721	94	588	89	492	84	14
13	668	85	778	89	843	85	852	80	13
12	950	80	1244	83	1075	79	1563	74	12
11	1270	73	1404	74	1149	71	1051	63	11
10	1398	64	1815	64	1470	63	1220	55	10
9	1281	54	1933	51	1728	52	1107	47	9
8	1438	44	1624	37	1818	40	1312	39	8
7	1473	34	1230	25	1286	26	1250	29	7
6	1217	23	862	16	936	17	1067	20	6
5	849	15	732	10	639	10	1142	13	5
4	693	9	394	5	387	6	415	4	4
3	318	4	201	2	255	3	110	1	3
2	157	1	58	1	111	1	63	1	2
1	18	1	1	1	49	1	4	1	1
AVERAGE		9.4		9.6		9.7		10.1	
S.D.		3.7		3.1		3.5		3.8	

STD SCORE	PRE/ELEM		ALG/CRD-GEOM		PLN GEOM/TRIG		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	
18	169	99	36	99	30	99	18
17	315	99	76	99	51	99	17
16	462	97	134	99	152	99	16
15	546	93	196	98	310	98	15
14	828	89	621	97	593	96	14
13	1250	83	741	92	784	92	13
12	929	74	1516	87	1253	86	12
11	1342	68	1534	76	1288	77	11
10	1381	58	1899	65	2531	68	10
9	1235	48	2830	51	1829	50	9
8	2205	39	1546	31	1677	36	8
7	1873	23	982	20	1408	24	7
6	867	10	710	13	865	14	6
5	285	3	493	8	240	8	5
4	113	1	289	4	502	6	4
3	46	1	199	2	109	3	3
2	20	1	20	1	183	2	2
1	1	1	45	1	62	1	1
AVERAGE		10.1		9.6		9.4	
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	5335	18.1	5.9	19.7	4.8	19.2	6.0	19.6	4.7	19.3	4.9
FEMALES	8412	19.3	5.7	19.0	4.2	19.9	5.8	19.1	4.1	19.5	4.5
NO RESPONSE	120	18.1	5.2	19.2	4.3	19.3	5.8	18.9	4.1	19.0	4.3

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

SCORE RANGE	M		F		M		F		M		F	
33-36	1	2	1	0	3	3	1	0	1	0	1	0
28-32	6	7	6	3	8	9	4	2	6	5	6	5
24-27	11	14	16	14	12	14	13	11	13	14	13	14
20-23	21	25	19	21	20	22	31	33	23	27	23	27
16-19	25	25	39	42	24	25	32	35	33	34	33	34
13-15	19	16	17	19	22	18	13	13	19	16	19	16
01-12	17	12	1	2	11	8	6	6	5	4	5	4

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	2159	19	21.8	29	10	65	12	1820	20	245	16
GOOD	4151	37	19.5	97	33	178	32	3315	37	561	36
AVERAGE	2768	24	17.5	82	28	181	33	2060	23	445	29
BELOW AVERAGE	594	5	17.2	29	10	42	8	434	5	89	6
VERY INADEQUATE	997	9	18.0	42	14	61	11	781	9	113	7
NO RESPONSE	688	6	21.0	18	6	22	4	559	6	89	6
NO. OF STUDENTS	11357			297		549		8969		1542	

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	13867	18.8	5.8	19.3	4.5	19.6	5.9	19.3	4.4	19.4	4.6
COLLEGE CORE											
E4, M3, SS3, NS3	8751	19.4	5.7	19.7	4.4	20.1	5.9	19.7	4.3	19.8	4.5
In between	1808	16.9	5.8	17.9	4.2	18.0	5.8	18.0	4.3	17.8	4.5
E4, M2, SS2, NS2	1743	17.8	5.9	18.6	4.5	18.8	5.9	18.7	4.4	18.6	4.7
No Response	1565	18.9	5.9	19.4	4.4	19.8	5.8	19.2	4.4	19.5	4.6
HS GPA RANGES											
3.50 - 4.00	2783	23.6	5.2	23.1	4.6	24.0	5.8	22.6	4.1	23.4	4.3
3.00 - 3.49	3169	19.3	4.9	19.5	3.8	19.9	5.3	19.6	3.8	19.7	3.8
2.50 - 2.99	2436	16.7	4.7	17.6	3.2	17.7	4.8	17.9	3.6	17.6	3.5
2.00 - 2.49	1433	15.0	4.3	16.2	2.6	16.1	4.2	16.7	3.4	16.2	3.0
1.99 & below	492	13.6	4.2	15.6	2.3	14.9	3.9	15.9	3.4	15.1	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	1368	10	3.19	19.6	19.9
ENG 9, ENG 10, ENG 11, ENG 12	9768	70	3.04	18.7	19.3
LESS THAN 4 YEARS OF ENGLISH	1109	8	3.09	19.1	19.7
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	1622	12	- . -	18.8	19.4
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	391	3	3.35	22.9	22.4
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	492	4	2.98	20.4	20.6
ALG 1, ALG 2, GEOM, TRIG	602	4	2.82	18.8	19.0
ALG 1, ALG 2, GEOM, OTHER ADV MATH	3463	25	2.74	18.4	18.7
ALG 1, ALG 2, GEOM	1620	12	2.53	16.9	17.1
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	3468	25	3.22	21.5	21.6
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	914	7	2.95	19.1	19.2
LESS THAN 3 YEARS OF MATH	1158	8	2.31	17.0	17.1
NO MATH COURSE/GRADE INFORMATION REPORTED	1759	13	- . -	19.3	19.3
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	51	0	3.30	21.7	20.9
US HIST, WORLD HIST, AM GOVT	108	1	2.99	19.1	18.9
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	6467	47	3.29	20.2	19.8
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	3946	28	3.16	19.0	19.0
LESS THAN 3 YEARS OF SOC SCI	1567	11	3.07	18.6	18.6
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	1728	12	- . -	19.8	19.5
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	4364	31	3.16	20.2	20.3
BIOLOGY, CHEMISTRY, PHYSICS	717	5	3.09	21.2	21.7
GEN SCIENCE, BIOLOGY, CHEMISTRY	5302	38	2.94	18.7	18.7
OTHER COMBINATIONS OF 3 YEARS NAT SCI	169	1	2.86	18.2	17.8
LESS THAN 3 YEARS OF NAT SCI	1516	11	2.78	18.1	17.9
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	1799	13	- . -	19.4	19.6

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	490	9	3.05	19.0	19.9
ENG 9, ENG 10, ENG 11, ENG 12	3566	67	2.87	17.9	19.2
LESS THAN 4 YEARS OF ENGLISH	449	8	3.02	18.5	19.7
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	830	16	- . -	18.0	19.1
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	158	3	3.30	23.8	22.7
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	151	3	2.89	21.2	20.4
ALG 1, ALG 2, GEOM, TRIG	228	4	2.80	19.3	19.1
ALG 1, ALG 2, GEOM, OTHER ADV MATH	1160	22	2.63	18.8	18.5
ALG 1, ALG 2, GEOM	650	12	2.45	17.2	17.0
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	1287	24	3.16	22.2	21.6
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	367	7	2.89	19.7	19.2
LESS THAN 3 YEARS OF MATH	445	8	2.31	17.3	17.0
NO MATH COURSE/GRADE INFORMATION REPORTED	889	17	- . -	19.4	19.0
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	29	1	3.28	21.1	20.5
US HIST, WORLD HIST, AM GOVT	57	1	3.05	18.6	18.5
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	2199	41	3.22	19.8	19.8
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	1506	28	3.08	18.6	18.9
LESS THAN 3 YEARS OF SOC SCI	660	12	3.02	18.5	18.6
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	884	17	- . -	19.3	19.2
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	1764	33	3.09	20.7	20.4
BIOLOGY, CHEMISTRY, PHYSICS	281	5	3.05	22.1	22.4
GEN SCIENCE, BIOLOGY, CHEMISTRY	1714	32	2.79	18.8	18.3
OTHER COMBINATIONS OF 3 YEARS NAT SCI	72	1	2.75	18.3	17.6
LESS THAN 3 YEARS OF NAT SCI	588	11	2.63	17.9	17.3
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	916	17	- . -	19.5	19.2

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	866	10	3.27	20.0	20.0
ENG 9, ENG 10, ENG 11, ENG 12	6127	73	3.13	19.1	19.3
LESS THAN 4 YEARS OF ENGLISH	648	8	3.14	19.4	19.6
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	771	9	- . -	19.8	19.8
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	230	3	3.38	22.3	22.1
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	337	4	3.02	20.0	20.6
ALG 1, ALG 2, GEOM, TRIG	368	4	2.84	18.5	19.1
ALG 1, ALG 2, GEOM, OTHER ADV MATH	2281	27	2.79	18.3	18.8
ALG 1, ALG 2, GEOM	953	11	2.57	16.7	17.1
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	2156	26	3.25	21.1	21.5
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	543	6	2.99	18.8	19.3
LESS THAN 3 YEARS OF MATH	699	8	2.30	16.8	17.1
NO MATH COURSE/GRADE INFORMATION REPORTED	845	10	- . -	19.1	19.6
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	22	0	3.33	22.5	21.4
US HIST, WORLD HIST, AM GOVT	50	1	2.92	19.6	19.2
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	4219	50	3.32	20.4	19.8
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	2407	29	3.21	19.3	19.0
LESS THAN 3 YEARS OF SOC SCI	891	11	3.10	18.7	18.5
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	823	10	- . -	20.5	19.8
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	2573	31	3.21	19.9	20.3
BIOLOGY, CHEMISTRY, PHYSICS	431	5	3.11	20.7	21.3
GEN SCIENCE, BIOLOGY, CHEMISTRY	3542	42	3.00	18.7	18.9
OTHER COMBINATIONS OF 3 YEARS NAT SCI	93	1	2.90	18.0	17.9
LESS THAN 3 YEARS OF NAT SCI	915	11	2.87	18.3	18.3
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	858	10	- . -	19.2	19.9

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	150	17.3	45	42	3	2	1	1	1	1
ARCH & ENVIR DESIGN	237	19.6	43	44	3	3	2	2	2	2
BUSINESS & MGMT	1176	18.5	47	44	14	13	9	8	11	10
BUSINESS & OFFICE	83	18.0	33	53	1	1	1	1	1	1
MARKETING & DISTRIBUTION	101	18.8	31	56	1	1	1	1	1	1
COMMUNICATION & COMM TEC	409	19.9	49	41	3	3	4	4	4	4
COMMUNITY & PRSNL SVCS	292	17.4	51	40	2	3	3	4	3	3
COMPUTER & INFO SCI	407	18.9	49	43	7	7	2	2	4	3
CROSS-DISC STUDIES	13	22.2	54	8	0	0	0	0	0	0
EDUCATION	754	19.3	57	37	3	3	9	9	7	7
TEACHER EDUCATION	379	18.5	56	37	4	4	3	4	3	4
ENGINEERING	615	20.2	42	48	13	12	2	2	6	5
ENGINEERING-RELATED TECH	269	20.2	46	43	6	7	0	1	2	3
FOREIGN LANGUAGES	50	21.8	44	36	0	0	1	0	0	0
HEALTH SCI & ALLIED HLTH	2650	18.7	62	32	10	11	33	35	24	26
HUMAN, FAMILY/CONS SCI	123	17.5	48	40	1	1	1	2	1	2
LETTERS	42	22.3	52	31	0	0	0	0	0	0
MATHEMATICS	36	21.9	42	47	0	0	0	0	0	0
PHILOS, RELIG & THEOL	59	21.2	64	27	1	1	0	0	1	1
SCI (BIOL & PHYSICAL)	628	21.9	49	41	5	3	6	4	6	3
SOCIAL SCIENCES	819	19.9	53	40	5	5	9	9	8	7
TRADE & INDUSTRIAL	78	17.5	59	32	2	3	0	0	1	1
VISUAL & PERFORM ARTS	540	19.8	57	36	6	6	5	5	5	5
UNDECIDED	944	19.9	9	17	11	12	7	6	9	8
NO RESPONSE	3013									

NUMBER OF STUDENTS - 13867



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	846	16.2	6	AFRICAN-AMER/BLACK	5080	16.5	37
COLL PREP	8969	19.7	65	AM INDIAN,ALASKAN NTV	43	20.3	0
OTHER/GENERAL/NO RESP	4052	19.2	29	CAUCASIAN-AMER/WHITE	7472	21.3	54
REQUEST ASSISTANCE WITH				MEXICAN-AMER/CHICANO	65	18.6	0
ED/OCCUP PLANS	4478	19.4	32	ASIAN-AMER,PACIFIC ISL	171	22.2	1
EXPR IDEAS IN WRITING	3072	18.2	22	PUERTO RICAN,HISPANIC	112	19.3	1
READING/COMPREHENSION	3490	18.0	25	OTHER	141	18.9	1
STUDY SKILLS	5681	18.2	41	MULTIRACIAL	162	19.3	1
MATH SKILLS	5193	18.0	37	PREFER NOT TO RESPOND	252	19.8	2
PERSONAL CONCERNS	1586	17.6	11	NO RESPONSE	369	20.1	3
EXPRESSED FIN NEED				ESTIMATED FAMILY INCOME			
NEED FINANCIAL AID	10620	19.2	77	LESS THAN \$18,000	1607	16.6	12
NEED TO FIND WORK	8295	18.8	60	ABOUT \$18,000-\$24,000	1145	17.3	8
SPECIAL COLLEGE PROG				ABOUT \$24,000-\$30,000	997	17.8	7
INDEP STUDY	4927	19.5	36	ABOUT \$30,000-\$36,000	794	18.4	6
HONORS COURSES	3841	21.3	28	ABOUT \$36,000-\$42,000	818	19.0	6
ADV PLACEMENT IN COLL				ABOUT \$42,000-\$50,000	866	19.6	6
ENGLISH	3799	20.6	27	ABOUT \$50,000-\$60,000	917	20.2	7
MATH	3101	20.9	22	ABOUT \$60,000-\$80,000	1308	20.9	9
SOCIAL STUDIES	3204	20.7	23	ABOUT \$80,000-\$100,000	898	21.7	6
NATURAL SCIENCE	2505	21.0	18	MORE THAN \$100,000	918	22.1	7
FOREIGN LANG	2486	20.3	18	NO RESPONSE	3599	19.9	26
MAX YEARLY COLL TUITION				HS CLASS RANK			
\$1000 & UNDER	508	15.3	4	TOP QTR	4418	22.3	32
\$1001 - \$2000	582	16.2	4	2ND QTR	4061	18.3	29
\$2001 - \$4000	1171	17.1	8	3RD QTR	2470	16.3	18
\$4001 - \$7500	2186	19.0	16	4TH QTR	276	15.0	2
\$7501 & OVER	893	19.5	6	NO RESPONSE	2642	19.5	19
NO PREFERENCE	5805	20.4	42	EDUC DEG ASPIRATION			
NO RESPONSE	2722	19.9	20	VOC-TECH	138	16.0	1
MOST RECENTLY TESTED				2YR COL DEGREE	553	15.8	4
SOPHOMORE	151	19.6	1	BACHELORS DEGREE	4631	18.6	33
JUNIOR	3161	20.5	23	GRAD STUDY	2529	20.9	18
SENIOR	10159	19.0	73	PROF LEVEL DEGREE	3704	20.4	27
OTHER/NO RESPONSE	396	20.3	3	OTHER	438	17.0	3
COLLEGE CORE PREPARATION				NO RESPONSE	1874	19.2	14
CORE OR MORE	8751	19.8	63	NUMBER OF STUDENTS			
LESS THAN CORE	3551	18.2	26	HOME SCHOOLED	99	23.2	1
NO RESPONSE	1565	19.5	11	EARNED A GED	7	18.3	0
				ALL STUDENTS	13867	19.4	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	
3880 U OF SC-COLUMBIA	SC	4662	1605	3057	2	11	34	31	17	5	0	
3842 CLEMSON UNIVERSITY	SC	3058	1321	1737	2	6	24	33	25	9	1	
3846 COLL OF CHARLESTON	SC	2498	699	1799	2	8	28	36	22	5	0	
3884 WINTHROP UNIVERSITY	SC	2127	467	1660	2	12	38	31	13	3	0	
3843 COASTAL CAROLINA U	SC	1788	492	1296	3	19	42	26	9	1	0	
3876 SOUTH CAROLINA STATE	SC	1482	443	1039	10	41	39	9	1	0	0	
3856 FRANCIS MARION UNIV	SC	1355	303	1052	5	21	44	23	7	1	0	
3889 U OF SC-UPSTATE	SC	1101	260	841	3	21	46	21	7	1	0	
3860 LANDER UNIVERSITY	SC	1002	263	739	3	16	41	29	9	1	0	
3833 CHARLESTON SOUTHRN U	SC	1001	249	752	5	20	42	23	9	1	0	
3858 FURMAN UNIVERSITY	SC	731	128	603	2	5	20	25	28	19	2	
3886 WOFFORD COLLEGE	SC	667	105	562	2	7	21	30	26	14	1	
3840 CLAFLIN UNIVERSITY	SC	642	180	462	12	40	37	9	2	0	0	
3879 U OF SC-AIKEN	SC	640	187	453	4	19	41	27	7	1	0	
3869 MIDLANDS TECHNICAL C	SC	545	170	375	9	27	38	19	6	1	0	
3832 ANDERSON COLLEGE-SC	SC	524	166	358	3	14	38	32	12	2	0	
3834 BENEDICT COLLEGE	SC	484	130	354	16	44	33	6	1	0	0	
3870 NEWBERRY COLLEGE	SC	473	97	376	6	22	38	26	8	1	0	
3827 GREENVILLE TECH C	SC	463	116	347	6	18	41	27	6	1	0	
3872 NORTH GREENVILLE C	SC	447	147	300	5	16	39	27	11	2	0	
3874 PRESBYTERIAN COLLEGE	SC	441	66	375	1	8	29	32	23	7	0	
3850 COLUMBIA COLLEGE-SC	SC	352	93	259	4	22	38	22	13	1	0	
3871 TRIDENT TECH COLL	SC	350	91	259	7	27	38	23	4	1	0	
3878 SPARTANBURG METH C	SC	346	111	235	6	29	49	14	2	0	0	
3060 NORTH CAR A&T ST U	NC	341	102	239	8	29	46	14	3	0	0	
3162 UNC AT CHAPEL HILL	NC	339	73	266	4	10	25	25	20	14	2	
0872 UNIV OF GEORGIA	GA	331	67	264	1	6	24	28	25	14	2	
3836 BOB JONES UNIVERSITY	SC	318	264	54	1	7	18	30	30	13	1	
6440 MEDICAL UNIV OF SC	SC	318	37	281	3	19	38	23	15	3	0	
3838 CITADEL, THE-SC	SC	312	136	176	3	13	34	30	16	3	0	
3088 DUKE UNIVERSITY	NC	291	64	227	1	5	16	18	28	27	5	
3857 FLORENCE DARLINGTON	SC	265	94	171	8	35	40	15	2	0	0	
0804 CLARK ATLANTA UNIV	GA	255	70	185	7	34	44	14	2	0	0	
3868 MORRIS COLLEGE	SC	253	46	207	19	45	29	4	2	0	0	
0818 GEORGIA INST OF TECH	GA	246	48	198	2	13	19	21	21	21	3	
ALL OTHER INSTITUTIONS		11955	2950	9005	5	20	33	21	13	7	1	
TOTALS		42403	11840	30563	4	18	34	25	14	5	0	

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	( 150)	(17.3)	BUSINESS & OFFICE	( 83)	(18.0)
AGRICULTURAL BUSINESS	7	15.3	BOOKKEEPING/ACCT TECH	12	19.6
AGRICULTURAL ECONOMICS	1	15.0	BUSINESS DP/COMPUTER OPER	3	17.0
AGRICULTURAL MECHANICS	2	15.0	COURT REPORTING	1	17.0
AGRI PRODUCTION/TECH	2	15.5	OFFICE SUPERVISION & MGMT	7	16.1
AGRONOMY	0	0.0	SECRETARIAL	7	15.4
ANIMAL SCIENCES	14	19.0	TYPING & GENERAL OFFICE	2	16.0
FARM & RANCH MANAGEMENT	2	16.0	WORD PROCESSING	1	12.0
FISH, GAME, WILDLIFE MGMT	24	18.1	BUSINESS & OFFICE, GEN	50	18.5
FOOD SCIENCES/ENGINEERING	4	19.0			
FORESTRY & RELATED SCI	9	18.1	MARKETING & DISTRIBUTION	( 101)	(18.8)
HORTICULTURE/ORNMENTAL HORT	6	18.8	FASHION MERCHANDISING	29	16.7
NATURAL RESOURCES MGMT	3	17.3	RETAILING & SALES	7	17.9
AGRICULTURE & AG TECH, GEN	76	16.7	TRAVEL SERVICES & TOURISM	2	23.5
			MARKETING & DISTRIB, GEN	63	19.7
ARCH & ENVIR DESIGN	( 237)	(19.6)			
ARCHITECTURAL DRAFTING	34	18.8	COMMUNICATIONS & COMM TECH	( 409)	(19.9)
ARCHITECTURE	45	21.8	ADVERTISING	23	19.3
BLDG CON/CONSTRUCTION SCI	10	14.5	GRAPHIC/COMMERCIAL ART	20	19.2
CITY, COMM & REG PLANNING	0	0.0	GRAPHIC & PRINT COMMUNIC	10	17.6
ENVIRONMENTAL DESIGN	3	14.0	JOURNALISM	74	21.5
INTERIOR DESIGN	39	17.8	PHOTO/FILM/VIDEO TECH	14	20.1
LANDSCAPE ARCHITECTURE	7	18.6	PUBLIC RELATIONS	18	19.9
ARCHI & ENVIR DESIGN, GEN	99	20.2	RADIO/TV BROADCASTING	68	17.9
			RADIO/TV PRODUCTN & TECH	5	18.2
BUSINESS & MGMT	( 1176)	(18.5)	COMMUNIC & COMM TECH, GEN	177	20.4
ACCOUNTING	127	18.7			
BANKING & FINANCE	18	17.6	COMMNTY & PRSNL SVCS	( 292)	(17.4)
BUSINESS ADMIN & MGMT	216	17.1	CORRECTIONS	0	0.0
BUSINESS ECONOMICS	12	17.9	COSMETOLOGY/HAIRSTYLING	14	16.4
CONTRACT MGMT & PURCHSING	6	15.7	CRIMINAL JUSTICE/CRIMINOL	142	17.2
HOTEL/RESTAURANT MGMT	29	19.2	FIRE PROTECTN/SAFETY TECH	3	15.7
HUMAN RESOURCE DEVEL/TRNG	2	19.5	FUNERAL SVCS/MORTUARY SCI	3	14.7
INSTITUTIONAL MANAGEMENT	1	11.0	LAW ENFORCEMENT & ADMIN	18	16.3
INSURANCE & RISK MGMT	2	15.0	LIBRARY SCI/LIB ASSISTING	3	23.7
INTERNATL BUSINESS/MGMT	46	21.4	MILITARY SCIENCE/TECH	10	20.9
LABOR/INDUSTRL RELATIONS	0	0.0	PARKS & RECREATION	2	13.5
MANAGEMENT INFO SYSTEMS	3	15.7	PUBLIC ADMINISTRATION	2	13.0
MANAGEMENT SCIENCE	2	20.0	PUBLIC AFFAIRS	0	0.0
MARKETING MGMT & RESEARCH	31	19.5	SOCIAL WORK	34	16.9
ORGANIZATIONAL BEHAVIOR	0	0.0	COMMNTY & PRSNL SVCS, GEN	61	18.3
PERSONNEL MANAGEMENT	6	16.7			
REAL ESTATE	19	17.3			
SML BUSINESS MGMT/OWNRSHIP	42	17.6			
TRADE & INDUSTRIAL MGMT	2	16.0			
TRANSPORTATION MANAGEMENT	2	15.0			
BUSINESS & MGMT, GEN	610	18.9			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	( 407)	(18.9)	ENGINEERING	( 615)	(20.2)
COMPUTER PROGRAMMING	133	17.3	AEROSPACE ENGINEERING	26	22.6
COMPUTER SCIENCE	101	19.4	AGRICULTURAL ENGINEERING	7	19.3
DATA PROCESSING	1	15.0	ARCHITECTURAL ENGINEERING	8	22.3
INFO SCIENCES & SYSTEMS	8	20.9	BIOENGINEER & BIOMED ENG	17	24.1
MATH/COMPUTER SCIENCE	14	24.0	CERAMIC ENGINEERING	2	21.0
COMPUTER & INFO SCI, GEN	150	19.5	CHEMICAL ENGINEERING	28	23.9
CROSS-DISC STUDIES	( 13)	(22.2)	CIVIL ENGINEERING	45	21.3
AREA & ETHNIC STUDIES	3	23.7	COMPUTER ENGINEERING	76	18.4
LIBERAL ARTS/GEN STUDIES	5	20.0	CONSTRUCTION ENG/MGMT	10	16.9
MULTI-/INTERDISC STUDIES	1	23.0	ELECTRCL & ELECTRONIC ENG	49	18.2
CROSS-DISC STUDIES, GEN	4	23.8	ENGINEERING MANAGEMENT	1	15.0
EDUCATION	( 754)	(19.3)	ENGINEERING PHYSICS	1	23.0
ADULT & CONTINUING EDUC	1	20.0	ENGINEERING SCIENCE	1	20.0
EDUCATION ADMINISTRATION	5	18.4	ENVIRONMENTAL HEALTH ENG	1	27.0
ELEMENTARY EDUCATION	267	19.2	GEOLOGICAL & GEOPHYS ENG	0	0.0
JR HIGH/MIDDLE SCH EDUC	39	18.0	INDUSTRIAL ENGINEERING	1	20.0
PRE-ELEMENTARY EDUCATION	81	17.8	MATERIALS ENGINEERING	1	17.0
SECONDARY EDUCATION	75	20.1	MECHANICAL ENGINEERING	55	21.4
STUDENT COUNSELING	7	17.4	METALLURGICAL ENGINEERING	1	14.0
TEACHER AIDE	0	0.0	MINING & MINERAL ENG	0	0.0
EDUCATION, GENERAL	279	19.8	NAVAL ARCHIT & MARINE ENG	3	20.3
TEACHER EDUCATION	( 379)	(18.5)	NUCLEAR ENGINEERING	0	0.0
AGRICULTURAL EDUCATION	1	17.0	OCEAN ENGINEERING	1	12.0
ART EDUCATION	8	20.0	PETROLEUM ENGINEERING	0	0.0
BUSINESS EDUCATION	3	15.7	SYSTEMS ENGINEERING	0	0.0
ENGLISH EDUCATION	30	19.8	ENGINEERING, GENERAL	281	19.9
FOREIGN LANGUAGES EDUC	1	23.0	ENGINEERING-RELATED TECH	( 269)	(20.2)
HEALTH EDUCATION	3	18.3	AERONAUTICAL TECHNOLOGY	9	22.8
HUMAN, FAM/CONS SCI EDUC	1	22.0	AC, HEATING, REFRIG TECH	4	17.8
INDUSTRIAL ARTS EDUCATION	0	0.0	ARCHITECTURAL DESIGN TECH	10	18.0
MATHEMATICS EDUCATION	23	19.5	BIOMEDICAL EQUIPMENT TECH	4	22.3
MUSIC EDUCATION	56	19.4	CIVIL ENGINEERING TECH	7	20.7
PHYSICAL EDUCATION	70	15.0	COMPUTER ENGINEERING TECH	30	18.9
SCIENCE EDUCATION	3	21.7	CONSTRUCTION/BLDG TECH	4	16.5
SOC STUDIES/SOC SCI EDUC	18	20.7	DRAFTING & DESIGN TECH	8	20.1
SPECIAL EDUCATION	16	18.5	ELECTRICAL ENG TECHNOLOGY	21	18.4
SPEECH CORRECTION EDUC	2	15.0	ELECTRONIC ENG TECHNOLOGY	12	16.8
TEACHING ENGL AS 2ND LANG	0	0.0	ELECTROMECHAN INSTR TECH	4	17.5
TECH/TRADE & IND ED	0	0.0	ENVIRONMENTAL CONTRL TECH	0	0.0
TEACHER EDUCATION, OTHER	10	20.9	INDUSTRIL PRODUCTION TECH	0	0.0
TEACHER EDUCATION, GEN	134	19.0			

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	( 123)	(17.5)
MANUFACTURING TECHNOLOGY	0	0.0	CHILD DEV, CARE, GUIDANCE	31	16.0
MECHANICAL ENG TECH	31	19.3	CHILD CARE AIDE/ASSISTING	2	13.5
MINING & PETROLEUM TECH	0	0.0	CULINARY ARTS	27	18.1
OCCUPATL SFTY & HLTH TECH	0	0.0	FAMILY/CONS RESOURCE MGMT	2	16.5
SURVEYING & MAPPING TECH	0	0.0	FASHION DESIGN	16	17.3
ENGINEERING TECH, OTHER	6	24.3	FOOD PRODUCTN, MGMT, SVCS	1	14.0
ENGINEER-RELATD TECH, GEN	119	21.4	FOOD SCI & NUTR/DIETETICS	4	17.5
			HUMAN ENVIRON & HOUSING	1	21.0
FOREIGN LANGUAGES	( 50)	(21.8)	INDIVIDUAL & FAMILY DEVEL	1	16.0
ASIATIC LANGUAGES	1	25.0	TEXTILES AND CLOTHING	1	20.0
CLASSICAL LANGUAGES	1	17.0	HUMAN, FAM/CONS SCI, GEN	37	18.6
FRENCH	5	22.8			
GERMAN	1	22.0	LETTERS	( 42)	(22.3)
ITALIAN	0	0.0	CLASSICS	0	0.0
MIDDLE EASTERN LANGUAGES	0	0.0	COMPARATIVE LITERATURE	1	22.0
RUSSIAN	0	0.0	CREATIVE WRITING	9	23.3
SPANISH	18	22.3	ENGLISH, GENERAL	14	21.5
FOREIGN LANGUAGES, OTHER	2	18.5	LINGUISTICS	2	22.5
FOREIGN LANGUAGES, GEN	22	21.5	LITERATURE, ENGLISH/AMER	6	19.7
			SPEECH & RHETORICAL STUDY	1	26.0
HEALTH SCI & ALLIED HLTH	( 2650)	(18.7)	LETTERS, GENERAL	9	23.8
CHIROPRACTIC	7	17.3			
DENTAL ASSISTING	4	15.5	MATHEMATICS	( 36)	(21.9)
DENTAL HYGIENE	46	16.3	ACTUARIAL SCIENCES	0	0.0
DENTAL LAB/TECHNOLOGY	0	0.0	APPLIED MATHEMATICS	2	22.5
DENTISTRY	57	18.9	STATISTICS	2	17.5
EMERG MED TECH/PARAMEDIC	10	19.2	MATHEMATICS, GENERAL	32	22.1
HEALTH CARE ADMIN	8	17.8			
MEDICAL/SURG ASSISTING	34	17.4	PHILOS, RELIG & THEOLOGY	( 59)	(21.2)
MEDICAL LAB/TECHNOLOGY	9	18.6	BIBLE STUDIES	5	22.0
MED RECORDS ADMIN/TECH	5	18.0	PHILOSOPHY	0	0.0
MEDICINE	346	21.2	RELIGION	7	20.3
MNTL HLTH & HUM SVCS/TECH	6	17.8	RELIGIOUS EDUCATION	7	18.7
NUCLEAR MEDICINE TECH	3	16.7	RELIGIOUS MUSIC	7	19.3
NURSING (PRACTICAL)	99	16.2	THEOLOGY	7	21.4
NURSING (REGISTERED)	659	17.4	PHILOS, RELIG & THEOL, GEN	26	22.4
OCCUPATNL THERAPY/ASSIST	12	19.8			
OPTOMETRY	9	21.9			
PHARMACY	137	20.2			
PHYSICIAN ASSISTING	17	15.8			
PHYSICAL THERAPY/ASSIST	190	18.7			
RADIOLOGY/RADIOLOGIC TECH	46	17.4			
REC/ART/MUSIC THERAPY	6	21.3			
RESPIRATORY THERAPY/TECH	7	16.1			
SPEECH PATHOL/AUDIOLOGY	4	19.8			
VETERINARIAN ASSISTING	8	16.0			
VETERINARY MEDICINE	63	21.2			
HEALTH SCI & ALLIED, GEN	858	18.9			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL) (	628)	(21.9)	VISUAL/PERFORM ARTS (	540)	(19.8)
ASTRONOMY	4	23.3	APPLIED DESIGN/CRAFTS	1	28.0
ATMOSPHER SCI & METEOROL	10	21.8	ART	44	19.1
BIOCHEMISTRY & BIOPHYSICS	27	23.4	ART HIST & APPRECIATION	3	26.3
BIOLOGY	285	21.7	CINEMATOGRAPHY/FILM/VIDEO	34	22.1
BOTANY	2	22.0	DANCE	23	18.6
CHEMISTRY	58	22.2	DESIGN, GENERAL	25	18.9
EARTH SCIENCE	1	21.0	DRAMA/THEATRE ARTS	49	21.5
ECOLOGY/ENV STUDIES	7	21.7	FINE ARTS, GENERAL	10	20.0
GEOLOGY	2	22.5	GRAPHIC ARTS TECHNOLOGY	5	18.4
MICROBIOLOGY	10	23.6	GRAPHIC DESIGN	48	19.6
OCEANOGRAPHY	16	21.8	MUSIC (LIBERAL ARTS)	20	22.7
PHYSICS	14	25.9	MUSIC PERFORMANCE	75	19.7
ZOOLOGY	35	19.5	MUSIC THEORY & COMPOSIT	18	19.3
SCIENCES (BIO & PHYS), GEN	157	22.0	PHOTOGRAPHY	13	18.8
			VISUAL/PERFORM ARTS, GEN	172	18.9
SOCIAL SCIENCES (	819)	(19.9)	UNDECIDED (	944)	(19.9)
ANTHROPOLOGY	11	22.8			
ECONOMICS	3	22.7			
GEOGRAPHY	1	26.0			
HISTORY	56	22.2			
INTERNATIONAL RELATIONS	11	26.7			
LAW	180	19.0			
PARALEGAL/LEGAL ASSISTING	8	15.4			
POLITICAL SCI/GOVERNMENT	77	21.2			
PSYCHOLOGY	273	19.3			
SOCIOLOGY	22	19.0			
URBAN STUDIES	1	11.0			
SOCIAL SCIENCES, GENERAL	176	20.3			
TRADE & INDUSTRIAL (	78)	(17.5)			
AIRCRAFT TECHNICIAN	3	21.3			
AIRPLANE PILOTING & NAVIG	5	19.8			
AUTOMOTIVE BODY REPAIR	12	16.1			
AUTOMOTIVE TECHNOLOGY	21	18.7			
AVIATION MANAGEMENT	1	18.0			
COMPUTER ELECTRNCS/REPAIR	2	16.5			
CONSTRCT TRADES & CARPENT	2	22.0			
DIESEL MECHANICS & TECH	2	12.0			
DRAFTING	2	17.0			
ELECTRICAL EQUIP REPAIR	4	15.5			
HEATING, AC, REFRIG MECH	0	0.0			
MACHINE TECHNOLOGY	3	17.3			
MECHANICAL DRAFTING	0	0.0			
WELDING & WELDING TECH	4	16.3			
TRADE & INDUSTRIAL, GEN	17	16.5			

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)	63	15.9	42	16.8	21	14.0	7	17.0	54	15.7
BUSINESS OPER (04-05)	69	15.3	39	15.3	29	15.4	16	15.0	52	15.4
TECHNICAL (06-07)	144	15.8	79	16.4	62	15.3	86	15.4	56	16.5
SCIENCE & TECH (08-09)	86	16.5	44	16.5	36	16.4	34	17.1	52	16.1
ARTS (10-11)	44	16.1	28	16.1	15	16.1	8	15.0	36	16.4
SOCIAL SERVICE (12-01)	51	16.2	25	16.5	23	15.8	16	15.9	34	16.4
OTHER*	234	15.7	117	15.7	105	15.4	83	15.3	150	15.9
TOTAL	691	15.9	374	16.1	291	15.5	250	15.7	434	16.0
<u>PLAN ON 4-YEARS OR MORE OF COLLEGE</u>										
ADMIN & SALES (02-03)	1375	18.8	979	19.2	367	17.5	334	19.4	1032	18.6
BUSINESS OPER (04-05)	837	19.1	618	19.4	206	18.2	340	19.3	490	19.0
TECHNICAL (06-07)	1165	19.4	825	19.8	311	18.4	691	19.2	469	19.7
SCIENCE & TECH (08-09)	1328	20.8	970	21.1	313	19.6	561	20.7	760	20.8
ARTS (10-11)	1020	20.7	745	21.0	253	19.9	261	20.4	751	20.9
SOCIAL SERVICE (12-01)	1373	19.8	1006	20.1	322	18.7	318	19.4	1044	19.9
OTHER*	3766	19.7	2466	20.0	976	18.7	1477	19.7	2255	19.7
TOTAL	10864	19.7	7609	20.1	2748	18.7	3982	19.7	6801	19.8

\* 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	3691	2.90	2.82	3.15	2.92	2.94	0.64
FEMALE	6553	3.15	2.93	3.26	3.07	3.10	0.58
NO RESPONSE	69	3.03	2.84	3.17	2.93	2.99	0.64
AFRICAN-AMERICAN/BLACK	4016	2.80	2.58	2.95	2.72	2.76	0.57
CAUCASIAN-AMERICAN/WHITE	5394	3.24	3.10	3.41	3.22	3.24	0.55
OTHER MINORITY	401	3.21	3.13	3.39	3.17	3.21	0.54
MISSING/PREFER NO RESP	502	3.05	2.85	3.20	3.00	3.02	0.64
TOTAL	10313	3.06	2.89	3.22	3.01	3.04	0.61

APPENDIX

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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 70, THIS MEANS THAT 70% 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 63 PERCENT OF STUDENTS SCORED BELOW 21.

TABLE 4 EXAMPLE

STD SCORE	ACT COMPOSITE	
	FREQ	CP
36	2	99
35	7	99
34	16	99
33	45	99
32	58	99
31	92	99
30	122	98
29	168	98
28	275	96
27	298	94
26	409	92
25	544	89
24	651	85
23	694	81
22	831	76
21	925	70 <-- 70% OF THE STUDENTS SCORE AT OR BELOW 21
20	1069	63 <-- 63% OF THE STUDENTS SCORE BELOW 21
19	1143	55
18	1167	47
17	1185	39
16	1184	30
15	993	22
14	846	14
13	563	8
12	353	4
11	160	2
10	42	1
9	16	1
8	6	1
7	2	1
6	0	1
5	1	1
4	0	1
3	0	1
2	0	1
1	0	1

