

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

**STATE COMPOSITE FOR
NORTH CAROLINA**

CODE 340-000

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	5177	3260	57/ 36	19.9/16.8	20.7/18.1	21.1/18.1	20.5/18.2	20.7/17.9
2001-02	4928	3470	54/ 38	20.4/17.0	21.1/18.4	21.5/18.3	20.8/18.4	21.1/18.2
2002-03	5394	4156	51/ 40	20.4/17.0	21.3/18.5	21.6/18.4	20.9/18.5	21.2/18.2
2003-04	5461	3892	52/ 37	20.8/17.2	21.5/18.7	22.0/18.6	21.1/18.6	21.5/18.4
2004-05	5491	3918	51/ 37	20.6/17.1	21.5/18.8	21.9/18.7	21.0/18.6	21.4/18.4

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
2000-01	9081	18.8	19.7	20.0	19.7	19.7
2001-02	9129	19.0	20.0	20.2	19.8	19.9
2002-03	10477	19.0	20.1	20.2	19.9	19.9
2003-04	10449	19.4	20.4	20.6	20.1	20.3
2004-05	10697	19.3	20.4	20.6	20.0	20.2

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
Q3 (75TH PERCENTILE)	23.2	24.1	24.9	22.9	23.6
Q2 (50TH PERCENTILE - MEDIAN)	19.0	19.4	19.9	19.8	19.7
Q1 (25TH PERCENTILE)	14.9	16.4	15.5	17.0	16.3

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= 1328)	(N= 61)	(N= 3407)	(N= 46)	(N= 137)	(N= 105)
ENGLISH	16.8	18.6	22.1	18.8	21.5	19.4
USAGE/MECH	8.0	9.0	11.3	9.2	11.1	9.5
RHET SKILLS	8.6	9.6	11.3	9.7	10.9	10.0
MATHEMATICS	18.2	20.4	22.6	20.7	23.5	20.4
PRE/ELEM-ALG	9.5	10.9	12.3	11.2	12.5	10.9
ALG/CRD-GEOM	9.1	10.5	11.3	10.1	11.7	10.4
PLANE GEOM/TRIG	8.8	9.8	11.3	10.3	11.8	10.0
READING	18.1	20.3	23.3	20.6	22.2	20.9
SOC STU/SCI	8.9	10.3	11.7	10.1	11.5	10.4
ARTS/LITERATURE	9.3	10.4	12.2	10.7	11.2	10.9
SCIENCE	18.1	20.0	22.0	19.8	21.9	20.0
COMPOSITE	17.9	19.9	22.6	20.0	22.4	20.3
LESS THAN CORE	(N= 1626)	(N= 56)	(N= 1795)	(N= 33)	(N= 83)	(N= 52)
ENGLISH	13.9	14.8	19.9	17.4	19.5	16.4
USAGE/MECH	6.4	7.0	9.9	8.3	9.8	7.9
RHET SKILLS	7.1	7.4	10.2	8.7	9.9	8.5
MATHEMATICS	16.3	17.2	20.8	18.5	22.7	18.3
PRE/ELEM-ALG	7.9	8.7	11.1	9.5	12.0	9.4
ALG/CRD-GEOM	8.1	8.7	10.4	9.4	11.5	9.4
PLANE GEOM/TRIG	7.7	8.3	10.4	8.6	11.3	8.7
READING	15.5	17.0	21.3	19.0	20.4	19.5
SOC STU/SCI	7.6	8.0	10.7	9.1	9.9	9.7
ARTS/LITERATURE	7.6	8.8	11.0	10.2	10.8	9.8
SCIENCE	16.3	17.7	20.4	18.5	21.2	18.6
COMPOSITE	15.6	16.8	20.7	18.5	21.1	18.3
NO RESPONSE	(N= 220)	(N= 9)	(N= 817)	(N= 10)	(N= 34)	(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= 3174)	(N= 126)	(N= 6019)	(N= 89)	(N= 254)	(N= 173)
ENGLISH	15.1	16.8	21.3	18.5	20.6	18.2
USAGE/MECH	7.1	8.2	10.8	9.0	10.5	8.8
RHET SKILLS	7.7	8.6	10.9	9.4	10.4	9.4
MATHEMATICS	17.1	18.8	22.0	19.9	23.2	19.6
PRE/ELEM-ALG	8.6	9.9	11.9	10.5	12.3	10.4
ALG/CRD-GEOM	8.6	9.6	11.0	9.9	11.6	10.0
PLANE GEOM/TRIG	8.1	9.0	11.0	9.7	11.6	9.5
READING	16.6	18.8	22.5	20.2	21.6	20.1
SOC STU/SCI	8.1	9.3	11.3	9.8	10.9	10.0
ARTS/LITERATURE	8.3	9.7	11.8	10.6	11.0	10.4
SCIENCE	17.1	18.8	21.4	19.3	21.4	19.4
COMPOSITE	16.6	18.4	21.9	19.6	21.8	19.5

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	340 20.8	31 21.7	2117 24.6	29 22.1	94 25.0	50 22.0
3.00 - 3.49	659 17.7	31 18.5	1287 20.9	14 20.8	58 20.7	41 19.7
2.50 - 2.99	716 16.1	23 16.7	643 18.8	12 15.8	24 17.4	21 17.9
2.00 - 2.49	615 15.2	15 15.4	245 17.7	9 15.3	10 17.5	10 16.5
1.99 & BELOW	192 14.2	2 12.5	44 16.6	1 12.0	2 14.5	4 16.5
CGPA PRED BY STUDENT						
3.5 - 4.0	489 19.8	32 21.4	2051 24.3	23 23.3	102 24.2	57 21.9
3.0 - 3.4	1114 17.2	46 18.3	2154 21.2	36 19.1	71 20.6	62 18.5
2.5 - 2.9	713 15.5	25 16.4	655 18.2	12 15.9	25 17.5	21 17.9
2.0 - 2.4	437 14.6	6 17.3	191 17.6	5 18.6	9 16.6	8 17.1
1.9 & BELOW	89 13.9	3 13.0	41 16.0	0 0.0	1 15.0	4 19.3
HIGH SCHOOL RANK						
TOP QUARTER	610 19.7	44 20.8	2525 24.0	31 23.0	110 24.7	58 22.2
2ND QUARTER	1030 16.6	33 17.8	1431 19.9	24 18.1	60 19.4	53 18.5
BOTTOM HALF	1083 15.0	27 15.6	696 18.2	15 16.3	26 15.7	28 17.2

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	1847	17	841	8	249	2	32	0
	FEMALE	3056	29	1443	13	608	6	32	0
	TOTAL	4946	46	2304	22	864	8	66	1
NO. & VARIETY OF COURSE OFFERINGS	MALE	1570	15	755	7	606	6	39	0
	FEMALE	2549	24	1202	11	1336	12	52	0
	TOTAL	4159	39	1970	18	1959	18	93	1
GRADING PRACTICES & POLICIES	MALE	1497	14	1000	9	415	4	53	0
	FEMALE	2651	25	1653	15	769	7	63	1
	TOTAL	4191	39	2668	25	1193	11	121	1
NO. & KINDS OF TESTS GIVEN	MALE	1396	13	1122	10	401	4	40	0
	FEMALE	2279	21	1851	17	936	9	64	1
	TOTAL	3711	35	2997	28	1346	13	106	1
GUIDANCE SERV PROVIDED BY GUIDANCE OFFICE	MALE	1612	15	732	7	507	5	111	1
	FEMALE	2724	25	1106	10	1135	11	162	2
	TOTAL	4372	41	1853	17	1658	15	278	3
SCHOOL RULES, REGULATIONS, & POLICIES	MALE	1263	12	912	9	729	7	61	1
	FEMALE	1999	19	1542	14	1514	14	78	1
	TOTAL	3294	31	2477	23	2256	21	142	1
LIBRARY OR LEARNING CENTER	MALE	1623	15	908	8	342	3	87	1
	FEMALE	2822	26	1526	14	651	6	128	1
	TOTAL	4487	42	2455	23	996	9	220	2
LABORATORY FACILITIES	MALE	1387	13	910	9	509	5	154	1
	FEMALE	2251	21	1617	15	962	9	293	3
	TOTAL	3673	34	2545	24	1484	14	451	4
PROVISIONS FOR SPECIAL HELP IN READING, MATH, ETC	MALE	1282	12	847	8	318	3	515	5
	FEMALE	2142	20	1367	13	652	6	966	9
	TOTAL	3454	32	2234	21	978	9	1492	14
PROVISIONS FOR ACADEMICALLY OUTSTANDING STU	MALE	1779	17	758	7	221	2	205	2
	FEMALE	3288	31	1098	10	491	5	251	2
	TOTAL	5114	48	1868	17	718	7	461	4
ADEQUACY OF PROG IN CAREER EDUC & PLANNING	MALE	1370	13	940	9	411	4	233	2
	FEMALE	2406	22	1577	15	774	7	358	3
	TOTAL	3821	36	2532	24	1193	11	595	6

NUMBER OF STUDENTS - 10697

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 10697)

STD SCORE	ACT ENGLISH		ACT MATHEMATICS		ACT READING		ACT SCIENCE		ACT COMPOSITE	
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP
36	15	99	12	99	84	99	27	99	1	99
35	39	99	51	99	92	99	50	99	14	99
34	102	99	72	99	176	98	45	99	39	99
33	79	99	55	99	164	97	26	99	53	99
32	104	98	78	98	129	95	66	99	91	99
31	129	97	104	97	196	94	33	98	124	98
30	139	96	107	97	242	92	66	98	149	97
29	281	94	201	96	265	90	140	97	202	96
28	229	92	292	94	332	87	167	96	275	94
27	270	90	410	91	379	84	203	94	341	91
26	315	87	496	87	389	81	366	92	411	88
25	410	84	485	82	374	77	467	89	472	84
24	442	80	715	78	489	74	566	85	535	80
23	462	76	578	71	635	69	726	79	594	75
22	562	72	431	66	509	63	664	72	713	69
21	658	67	573	62	474	58	1011	66	715	62
20	725	60	628	56	740	54	1070	57	762	56
19	749	54	656	51	624	47	935	47	817	49
18	580	47	904	44	484	41	1004	38	807	41
17	677	41	1025	36	581	37	780	29	793	33
16	547	35	1189	26	668	31	586	21	751	26
15	808	30	821	15	527	25	487	16	722	19
14	585	22	460	8	747	20	346	11	569	12
13	385	17	259	3	590	13	351	8	379	7
12	349	13	61	1	444	8	217	5	232	3
11	315	10	23	1	229	3	122	3	100	1
10	242	7	6	1	63	1	110	2	25	1
9	156	5	5	1	30	1	45	1	6	1
8	216	3	0	1	16	1	12	1	4	1
7	84	1	0	1	8	1	6	1	1	1
6	27	1	0	1	13	1	3	1	0	1
5	11	1	0	1	1	1	0	1	0	1
4	3	1	0	1	1	1	0	1	0	1
3	1	1	0	1	2	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	235	2	190	2	516	5	148	1	107	1
28-32	882	8	782	7	1164	11	472	4	841	8
24-27	1437	13	2106	20	1631	15	1602	15	1759	16
20-23	2407	23	2210	21	2358	22	3471	32	2784	26
16-19	2553	24	3774	35	2357	22	3305	31	3168	30
13-15	1778	17	1540	14	1864	17	1184	11	1670	16
01-12	1405	13	95	1	807	8	515	5	368	3

AVG(SD) 19.3(6.1) 20.4(5.0) 20.6(6.3) 20.0(4.7) 20.2(5.0)

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 = 10697)

STD SCORE	USAGE/MECH		RHET SKILLS		SOC STU/SCI		ARTS/LIT		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	
18	241	99	52	99	162	99	414	99	18
17	386	98	87	99	485	98	499	96	17
16	302	94	382	99	414	94	707	91	16
15	447	91	410	95	527	90	625	85	15
14	529	87	622	91	588	85	371	79	14
13	477	82	666	85	734	80	732	76	13
12	755	78	911	79	893	73	1229	69	12
11	929	71	1114	71	858	64	824	57	11
10	1029	62	1335	60	1119	56	814	50	10
9	980	52	1419	48	1171	46	814	42	9
8	1126	43	1275	35	1334	35	906	34	8
7	1003	33	879	23	867	23	920	26	7
6	913	23	614	14	652	14	692	17	6
5	622	15	494	9	406	8	746	11	5
4	569	9	272	4	217	5	276	4	4
3	245	4	123	2	170	3	88	1	3
2	129	1	41	1	70	1	37	1	2
1	15	1	1	1	30	1	3	1	1
AVERAGE		9.6		9.9		10.2		10.6	
S.D.		3.8		3.2		3.6		3.9	

STD SCORE	PRE/ELEM		ALG/CRD-GEOM		PLN GEOM/TRIG		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	
18	234	99	52	99	46	99	18
17	378	98	117	99	102	99	17
16	542	94	190	98	217	99	16
15	581	89	337	97	374	97	15
14	839	84	692	93	704	93	14
13	1031	76	768	87	803	87	13
12	787	66	1345	80	1156	79	12
11	1010	59	1228	67	1055	68	11
10	940	49	1356	56	1899	58	10
9	862	41	1948	43	1254	41	9
8	1418	33	1052	25	1041	29	8
7	1266	19	612	15	912	19	7
6	533	8	425	9	492	11	6
5	177	3	311	5	135	6	5
4	69	1	133	2	285	5	4
3	21	1	97	1	78	2	3
2	9	1	9	1	94	1	2
1	0	1	25	1	50	1	1
AVERAGE		10.8		10.2		10.1	
S.D.		3.4		2.8		3.0	

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	4120	18.5	6.2	20.8	5.3	20.0	6.4	20.2	5.0	20.0	5.2
FEMALES	6466	19.7	6.0	20.2	4.7	21.0	6.1	19.8	4.4	20.3	4.8
NO RESPONSE	111	19.2	5.3	20.8	5.0	21.1	6.1	20.1	4.8	20.4	4.7

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	2	3	1	5	5	2	1	1	1	1	1
28-32	7	9	9	6	10	11	6	4	8	8	8	8
24-27	12	14	21	19	13	16	16	14	16	17	16	17
20-23	20	24	19	22	21	23	31	33	24	27	24	27
16-19	24	24	32	38	21	22	28	33	28	31	28	31
13-15	18	16	15	14	20	16	12	11	18	14	18	14
01-12	17	11	1	1	10	6	5	5	5	3	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	1921	22	22.6	35	10	82	14	1656	24	148	16
GOOD	3141	36	20.0	107	30	210	37	2515	37	309	33
AVERAGE	1929	22	18.1	115	33	173	30	1376	20	265	29
BELOW AVERAGE	384	4	18.0	33	9	29	5	267	4	55	6
VERY INADEQUATE	620	7	18.2	43	12	52	9	449	7	76	8
NO RESPONSE	633	7	21.2	19	5	24	4	520	8	70	8
NO. OF STUDENTS	8628			352		570		6783		923	

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	10697	19.3	6.1	20.4	5.0	20.6	6.3	20.0	4.7	20.2	5.0
COLLEGE CORE											
E4, M3, SS3, NS3	5491	20.6	5.8	21.5	4.9	21.9	6.1	21.0	4.6	21.4	4.8
In between	2587	16.7	5.5	18.5	4.3	18.2	5.7	18.4	4.2	18.1	4.4
E4, M2, SS2, NS2	1331	17.9	6.2	19.4	5.1	19.5	6.3	19.0	4.8	19.1	5.2
No Response	1288	19.9	6.3	20.9	5.1	21.1	6.3	20.2	4.8	20.7	5.1
HS GPA RANGES											
3.50 - 4.00	2880	23.6	5.3	24.3	4.6	24.8	5.8	23.2	4.3	24.1	4.3
3.00 - 3.49	2233	18.9	4.9	19.9	4.0	20.2	5.4	19.8	3.8	19.8	3.9
2.50 - 2.99	1542	16.1	4.5	17.7	3.2	17.4	4.7	17.7	3.6	17.4	3.3
2.00 - 2.49	969	14.3	4.2	16.4	2.5	16.0	4.3	16.6	3.4	15.9	2.9
1.99 & below	258	12.8	4.1	15.3	2.3	14.8	3.8	15.3	3.3	14.7	2.7

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	937	9	3.40	20.2	20.7
ENG 9, ENG 10, ENG 11, ENG 12	7594	71	3.20	19.0	20.0
LESS THAN 4 YEARS OF ENGLISH	831	8	3.29	19.3	20.4
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	1335	12	- . -	19.8	20.6
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	432	4	3.58	25.0	24.4
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	877	8	3.11	21.6	21.5
ALG 1, ALG 2, GEOM, TRIG	586	5	2.92	19.5	19.6
ALG 1, ALG 2, GEOM, OTHER ADV MATH	2287	21	2.92	19.4	19.3
ALG 1, ALG 2, GEOM	1668	16	2.38	16.8	16.8
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	2102	20	3.47	23.8	23.2
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	451	4	3.17	20.9	20.6
LESS THAN 3 YEARS OF MATH	893	8	2.40	18.1	17.9
NO MATH COURSE/GRADE INFORMATION REPORTED	1401	13	- . -	20.9	20.7
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	465	4	3.43	22.5	21.9
US HIST, WORLD HIST, AM GOVT	1482	14	3.22	19.9	19.7
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	2006	19	3.50	22.4	21.6
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	2689	25	3.31	20.9	20.5
LESS THAN 3 YEARS OF SOC SCI	2583	24	3.02	18.6	18.5
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	1472	14	- . -	21.1	20.6
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	2502	23	3.45	22.1	22.6
BIOLOGY, CHEMISTRY, PHYSICS	199	2	3.47	24.4	25.6
GEN SCIENCE, BIOLOGY, CHEMISTRY	4394	41	3.16	19.7	19.9
OTHER COMBINATIONS OF 3 YEARS NAT SCI	257	2	2.82	17.1	16.7
LESS THAN 3 YEARS OF NAT SCI	1880	18	2.68	17.6	17.3
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	1465	14	- . -	20.2	20.7

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	396	10	3.26	19.4	20.3
ENG 9, ENG 10, ENG 11, ENG 12	2734	66	3.06	18.3	19.9
LESS THAN 4 YEARS OF ENGLISH	346	8	3.20	18.8	20.4
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	644	16	- . -	18.8	20.1
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	188	5	3.57	26.1	24.8
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	254	6	3.07	22.4	21.4
ALG 1, ALG 2, GEOM, TRIG	220	5	2.83	19.6	19.1
ALG 1, ALG 2, GEOM, OTHER ADV MATH	724	18	2.86	19.9	19.2
ALG 1, ALG 2, GEOM	675	16	2.29	16.9	16.5
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	829	20	3.44	24.5	23.4
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	155	4	3.10	21.1	20.4
LESS THAN 3 YEARS OF MATH	401	10	2.34	17.9	17.3
NO MATH COURSE/GRADE INFORMATION REPORTED	674	16	- . -	21.1	20.3
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	207	5	3.32	21.3	21.2
US HIST, WORLD HIST, AM GOVT	604	15	3.17	19.5	19.7
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	721	18	3.46	22.0	21.6
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	891	22	3.23	20.5	20.5
LESS THAN 3 YEARS OF SOC SCI	991	24	2.94	17.9	18.3
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	706	17	- . -	20.2	20.2
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	1052	26	3.41	22.7	22.7
BIOLOGY, CHEMISTRY, PHYSICS	88	2	3.46	25.3	26.0
GEN SCIENCE, BIOLOGY, CHEMISTRY	1363	33	3.07	19.8	19.5
OTHER COMBINATIONS OF 3 YEARS NAT SCI	114	3	2.75	17.0	16.4
LESS THAN 3 YEARS OF NAT SCI	797	19	2.61	17.6	16.9
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	706	17	- . -	20.3	20.3

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	533	8	3.49	20.9	20.9
ENG 9, ENG 10, ENG 11, ENG 12	4796	74	3.28	19.5	20.1
LESS THAN 4 YEARS OF ENGLISH	473	7	3.35	19.6	20.4
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	664	10	- . -	20.8	21.1
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	242	4	3.60	24.2	24.1
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	616	10	3.13	21.3	21.5
ALG 1, ALG 2, GEOM, TRIG	358	6	2.96	19.4	19.9
ALG 1, ALG 2, GEOM, OTHER ADV MATH	1545	24	2.95	19.2	19.4
ALG 1, ALG 2, GEOM	980	15	2.44	16.7	17.0
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	1256	19	3.49	23.3	23.1
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	289	4	3.21	20.8	20.6
LESS THAN 3 YEARS OF MATH	483	7	2.46	18.3	18.4
NO MATH COURSE/GRADE INFORMATION REPORTED	697	11	- . -	20.8	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	253	4	3.53	23.4	22.4
US HIST, WORLD HIST, AM GOVT	871	13	3.24	20.1	19.8
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	1273	20	3.52	22.6	21.7
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	1767	27	3.35	21.2	20.5
LESS THAN 3 YEARS OF SOC SCI	1567	24	3.06	19.0	18.6
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	735	11	- . -	22.0	21.1
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	1430	22	3.47	21.6	22.5
BIOLOGY, CHEMISTRY, PHYSICS	111	2	3.47	23.7	25.3
GEN SCIENCE, BIOLOGY, CHEMISTRY	2990	46	3.20	19.7	20.0
OTHER COMBINATIONS OF 3 YEARS NAT SCI	141	2	2.88	17.2	17.0
LESS THAN 3 YEARS OF NAT SCI	1065	16	2.74	17.6	17.6
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	729	11	- . -	20.2	21.1

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	102	18.4	47	40	2	2	1	1	1	1
ARCH & ENVIR DESIGN	145	20.1	42	43	3	3	1	2	2	2
BUSINESS & MGMT	775	18.6	40	48	13	12	8	7	10	9
BUSINESS & OFFICE	43	18.7	26	56	1	1	1	1	1	1
MARKETING & DISTRIBUTION	62	19.7	45	40	0	0	1	1	1	1
COMMUNICATION & COMM TEC	292	20.3	46	46	3	3	4	4	4	4
COMMUNITY & PRSNL SVCS	243	18.0	62	33	3	3	3	4	3	4
COMPUTER & INFO SCI	260	19.1	46	46	6	6	2	1	3	3
CROSS-DISC STUDIES	15	20.5	20	47	0	0	0	0	0	0
EDUCATION	458	19.4	59	36	2	3	8	8	6	6
TEACHER EDUCATION	324	18.7	62	33	4	4	4	5	4	4
ENGINEERING	340	21.3	43	47	9	8	1	1	4	4
ENGINEERING-RELATED TECH	235	20.8	39	49	7	8	0	1	3	3
FOREIGN LANGUAGES	36	22.4	39	47	0	0	0	1	0	0
HEALTH SCI & ALLIED HLTH	1950	19.5	60	33	12	13	31	34	24	26
HUMAN, FAMILY/CONS SCI	85	18.7	44	42	0	1	1	2	1	1
LETTERS	34	22.6	59	41	0	0	1	0	0	0
MATHEMATICS	45	22.5	33	60	1	0	1	0	1	0
PHILOS, RELIG & THEOL	60	23.9	48	33	1	1	0	0	1	1
SCI (BIOL & PHYSICAL)	544	22.8	46	44	6	5	7	5	7	5
SOCIAL SCIENCES	709	21.1	49	42	7	6	10	9	9	8
TRADE & INDUSTRIAL	34	16.8	65	32	1	2	0	0	0	1
VISUAL & PERFORM ARTS	431	20.1	52	39	6	7	5	6	5	6
UNDECIDED	826	20.5	10	17	13	13	9	8	10	10
NO RESPONSE	2649									

NUMBER OF STUDENTS - 10697

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	922	16.7 9	AFRICAN-AMER/BLACK	3174	16.6 30
COLL PREP	6783	20.7 63	AM INDIAN,ALASKAN NTV	126	18.4 1
OTHER/GENERAL/NO RESP	2992	20.1 28	CAUCASIAN-AMER/WHITE	6019	21.9 56
			MEXICAN-AMER/CHICANO	89	19.6 1
REQUEST ASSISTANCE WITH			ASIAN-AMER,PACIFIC ISL	254	21.8 2
ED/OCCUP PLANS	3356	20.0 31	PUERTO RICAN,HISPANIC	173	19.5 2
EXPR IDEAS IN WRITING	2403	18.7 22	OTHER	107	19.5 1
READING/COMPREHENSION	2673	18.4 25	MULTIRACIAL	174	19.8 2
STUDY SKILLS	4214	18.4 39	PREFER NOT TO RESPOND	222	21.6 2
MATH SKILLS	3855	18.2 36	NO RESPONSE	359	22.2 3
PERSONAL CONCERNS	1104	18.2 10			
			ESTIMATED FAMILY INCOME		
EXPRESSED FIN NEED			LESS THAN \$18,000	1005	17.0 9
NEED FINANCIAL AID	7902	19.8 74	ABOUT \$18,000-\$24,000	730	17.4 7
NEED TO FIND WORK	6204	19.5 58	ABOUT \$24,000-\$30,000	668	18.1 6
			ABOUT \$30,000-\$36,000	554	19.1 5
SPECIAL COLLEGE PROG			ABOUT \$36,000-\$42,000	581	19.5 5
INDEP STUDY	4377	20.7 41	ABOUT \$42,000-\$50,000	692	20.1 6
HONORS COURSES	4138	22.1 39	ABOUT \$50,000-\$60,000	743	20.6 7
			ABOUT \$60,000-\$80,000	1040	21.2 10
ADV PLACEMENT IN COLL			ABOUT \$80,000-\$100,000	771	22.0 7
ENGLISH	3328	21.9 31	MORE THAN \$100,000	887	23.0 8
MATH	2790	22.4 26	NO RESPONSE	3026	21.0 28
SOCIAL STUDIES	2978	22.0 28			
NATURAL SCIENCE	2596	22.3 24	HS CLASS RANK		
FOREIGN LANG	2095	21.8 20	TOP QTR	3632	23.3 34
			2ND QTR	2852	18.6 27
MAX YEARLY COLL TUITION			3RD QTR	1780	16.4 17
\$1000 & UNDER	291	15.9 3	4TH QTR	210	15.2 2
\$1001 - \$2000	403	16.7 4	NO RESPONSE	2223	20.8 21
\$2001 - \$4000	941	17.9 9			
\$4001 - \$7500	1450	19.1 14	EDUC DEG ASPIRATION		
\$7501 & OVER	639	20.1 6	VOC-TECH	55	16.6 1
NO PREFERENCE	4652	21.1 43	2YR COL DEGREE	306	16.6 3
NO RESPONSE	2321	21.1 22	BACHELORS DEGREE	3538	19.0 33
			GRAD STUDY	2047	21.5 19
MOST RECENTLY TESTED			PROF LEVEL DEGREE	2973	21.4 28
SOPHOMORE	99	21.1 1	OTHER	260	16.4 2
JUNIOR	2555	21.8 24	NO RESPONSE	1518	20.5 14
SENIOR	7825	19.6 73			
OTHER/NO RESPONSE	218	21.3 2	NUMBER OF STUDENTS		
			HOME SCHOOLED	264	23.4 2
COLLEGE CORE PREPARATION			EARNED A GED	12	18.6 0
CORE OR MORE	5491	21.4 51	ALL STUDENTS	10697	20.2 100
LESS THAN CORE	3918	18.4 37			
NO RESPONSE	1288	20.7 12			

TABLE 12 STUDENTS' SCORE REPORT PREFERENCES AT TIME OF TESTING

INSTITUTION CODE NAME	ST	TOTAL NUMBER	STANDARD FOR TRANSITION RANGES									
			1ST CHOICE NUMBER	2ND-6TH CHOICES NUMBER	01- 12 PCT	13- 15 PCT	16- 19 PCT	20- 23 PCT	24- 27 PCT	28- 32 PCT	33- 36 PCT	
3164 NORTH CAROLINA ST U	NC	2231	738	1493	1	8	25	32	24	8	1	
3162 UNC AT CHAPEL HILL	NC	2227	855	1372	1	5	19	29	28	16	2	
3094 EAST CAROLINA U	NC	1793	519	1274	2	14	39	31	11	2	0	
3174 UNC AT WILMINGTON	NC	1553	348	1205	1	7	31	37	20	3	0	
3163 UNC AT CHARLOTTE	NC	1414	287	1127	2	13	36	31	14	3	0	
3062 APPALACHIAN STATE U	NC	1393	507	886	1	8	32	38	17	4	0	
3166 UNC AT GREENSBORO	NC	1347	277	1070	3	17	39	27	11	3	0	
3060 NORTH CAR A&T ST U	NC	943	313	630	9	36	40	11	3	0	0	
3178 WINSTON-SALEM STATE	NC	868	257	611	8	38	42	11	1	0	0	
3132 NORTH CAROLINA CEN U	NC	827	221	606	9	39	37	12	1	0	0	
3172 WESTERN CAROLINA U	NC	715	176	539	2	15	38	31	12	2	0	
3088 DUKE UNIVERSITY	NC	643	227	416	1	3	13	20	27	29	6	
3098 FAYETTEVILLE STATE U	NC	625	174	451	8	42	40	9	1	0	0	
3168 WAKE FOREST UNIV	NC	560	63	497	1	7	18	23	29	20	2	
3096 ELON UNIVERSITY	NC	475	118	357	1	6	24	35	25	8	0	
3138 UNC AT PEMBROKE	NC	450	130	320	5	24	42	22	5	1	0	
3076 CAMPBELL UNIVERSITY	NC	445	142	303	2	9	33	31	18	6	0	
3064 UNC AT ASHEVILLE	NC	348	58	290	1	8	25	34	22	9	1	
3095 ELIZABETH CITY ST U	NC	299	72	227	11	43	38	6	2	0	0	
3126 MEREDITH COLLEGE	NC	258	75	183	2	7	32	40	15	5	0	
3102 GARDNER-WEBB UNIV	NC	215	41	174	3	18	32	28	13	7	0	
9999 NCAA CLEARINGHOUSE	IA	204	95	109	2	17	34	25	13	8	1	
3158 SHAW UNIVERSITY	NC	191	31	160	19	45	31	4	1	0	0	
3842 CLEMSON UNIVERSITY	SC	173	28	145	1	9	14	34	31	10	1	
3118 LENOIR-RHYNE COLLEGE	NC	165	42	123	4	22	34	27	8	4	0	
3112 JOHNSON C SMITH UNIV	NC	164	31	133	9	47	34	10	1	0	0	
3127 METHODIST COLLEGE	NC	163	43	120	6	21	39	23	9	2	0	
3080 CATAWBA COLLEGE	NC	154	43	111	7	25	38	21	9	1	0	
3181 FAYETTEVILLE TECH CC	NC	153	50	103	7	31	41	17	3	1	0	
3176 WINGATE UNIVERSITY	NC	143	28	115	2	19	29	33	13	3	1	
3135 N C WESLEYAN COLLEGE	NC	137	31	106	8	38	36	12	7	0	0	
4420 VIRGINIA TECH	VA	136	21	115	2	6	15	29	27	19	2	
3124 MARS HILL COLLEGE	NC	132	34	98	4	20	39	23	11	2	1	
3846 COLL OF CHARLESTON	SC	132	28	104	0	0	15	40	34	10	1	
4364 LIBERTY UNIVERSITY	VA	132	55	77	1	12	23	30	22	11	1	
ALL OTHER INSTITUTIONS		9137	2418	6719	4	16	28	24	16	11	2	
TOTALS		30945	8576	22369	4	16	30	26	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	(102)	(18.4)	BUSINESS & OFFICE	(43)	(18.7)
AGRICULTURAL BUSINESS	4	18.8	BOOKKEEPING/ACCT TECH	3	18.0
AGRICULTURAL ECONOMICS	1	19.0	BUSINESS DP/COMPUTER OPER	2	14.5
AGRICULTURAL MECHANICS	1	19.0	COURT REPORTING	0	0.0
AGRI PRODUCTION/TECH	2	13.0	OFFICE SUPERVISION & MGMT	0	0.0
AGRONOMY	1	18.0	SECRETARIAL	1	15.0
ANIMAL SCIENCES	16	20.7	TYPING & GENERAL OFFICE	1	15.0
FARM & RANCH MANAGEMENT	3	21.0	WORD PROCESSING	1	13.0
FISH, GAME, WILDLIFE MGMT	5	18.0	BUSINESS & OFFICE, GEN	35	19.4
FOOD SCIENCES/ENGINEERING	2	14.0			
FORESTRY & RELATED SCI	9	19.2	MARKETING & DISTRIBUTION	(62)	(19.7)
HORTICULTURE/ORNMENTAL HORT	9	19.6	FASHION MERCHANDISING	19	18.5
NATURAL RESOURCES MGMT	2	15.0	RETAILING & SALES	2	20.0
AGRICULTURE & AG TECH, GEN	47	17.6	TRAVEL SERVICES & TOURISM	2	20.0
			MARKETING & DISTRIB, GEN	39	20.2
ARCH & ENVIR DESIGN	(145)	(20.1)			
ARCHITECTURAL DRAFTING	19	18.8	COMMUNICATIONS & COMM TECH	(292)	(20.3)
ARCHITECTURE	32	21.8	ADVERTISING	10	20.6
BLDG CON/CONSTRUCTION SCI	2	17.0	GRAPHIC/COMMERCIAL ART	10	17.8
CITY, COMM & REG PLANNING	0	0.0	GRAPHIC & PRINT COMMUNIC	2	16.5
ENVIRONMENTAL DESIGN	1	29.0	JOURNALISM	63	22.7
INTERIOR DESIGN	17	19.1	PHOTO/FILM/VIDEO TECH	11	20.1
LANDSCAPE ARCHITECTURE	7	18.7	PUBLIC RELATIONS	7	17.7
ARCHI & ENVIR DESIGN, GEN	67	20.0	RADIO/TV BROADCASTING	47	18.8
			RADIO/TV PRODUCTN & TECH	12	19.6
BUSINESS & MGMT	(775)	(18.6)	COMMUNIC & COMM TECH, GEN	130	20.2
ACCOUNTING	74	18.8			
BANKING & FINANCE	11	17.6	COMMNTY & PRSNL SVCS	(243)	(18.0)
BUSINESS ADMIN & MGMT	142	17.3	CORRECTIONS	0	0.0
BUSINESS ECONOMICS	9	18.6	COSMETOLOGY/HAIRSTYLING	9	17.0
CONTRACT MGMT & PURCHSING	0	0.0	CRIMINAL JUSTICE/CRIMINOL	113	18.0
HOTEL/RESTAURANT MGMT	10	18.8	FIRE PROTECTN/SAFETY TECH	7	19.0
HUMAN RESOURCE DEVEL/TRNG	1	22.0	FUNERAL SVCS/MORTUARY SCI	1	24.0
INSTITUTIONAL MANAGEMENT	0	0.0	LAW ENFORCEMENT & ADMIN	11	17.5
INSURANCE & RISK MGMT	2	22.0	LIBRARY SCI/LIB ASSISTING	2	25.0
INTERNATL BUSINESS/MGMT	27	22.3	MILITARY SCIENCE/TECH	7	19.4
LABOR/INDUSTRL RELATIONS	0	0.0	PARKS & RECREATION	1	21.0
MANAGEMENT INFO SYSTEMS	2	19.5	PUBLIC ADMINISTRATION	1	24.0
MANAGEMENT SCIENCE	0	0.0	PUBLIC AFFAIRS	4	18.0
MARKETING MGMT & RESEARCH	18	20.0	SOCIAL WORK	41	17.0
ORGANIZATIONAL BEHAVIOR	0	0.0	COMMNTY & PRSNL SVCS, GEN	46	18.3
PERSONNEL MANAGEMENT	2	17.5			
REAL ESTATE	13	16.8			
SML BUSINESS MGMT/OWNRSHIP	32	17.0			
TRADE & INDUSTRIAL MGMT	1	13.0			
TRANSPORTATION MANAGEMENT	3	13.3			
BUSINESS & MGMT, GEN	428	19.0			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	(260)	(19.1)	ENGINEERING	(340)	(21.3)
COMPUTER PROGRAMMING	93	18.2	AEROSPACE ENGINEERING	23	23.0
COMPUTER SCIENCE	64	19.9	AGRICULTURAL ENGINEERING	4	17.5
DATA PROCESSING	1	17.0	ARCHITECTURAL ENGINEERING	4	19.3
INFO SCIENCES & SYSTEMS	5	18.0	BIOENGINEER & BIOMED ENG	16	26.4
MATH/COMPUTER SCIENCE	6	21.8	CERAMIC ENGINEERING	1	20.0
COMPUTER & INFO SCI, GEN	91	19.5	CHEMICAL ENGINEERING	12	23.6
CROSS-DISC STUDIES	(15)	(20.5)	CIVIL ENGINEERING	18	20.8
AREA & ETHNIC STUDIES	0	0.0	COMPUTER ENGINEERING	50	19.4
LIBERAL ARTS/GEN STUDIES	6	23.3	CONSTRUCTION ENG/MGMT	6	18.2
MULTI-/INTERDISC STUDIES	2	13.5	ELECTRCL & ELECTRONIC ENG	16	20.3
CROSS-DISC STUDIES, GEN	7	20.1	ENGINEERING MANAGEMENT	1	12.0
EDUCATION	(458)	(19.4)	ENGINEERING PHYSICS	2	21.0
ADULT & CONTINUING EDUC	1	26.0	ENGINEERING SCIENCE	0	0.0
EDUCATION ADMINISTRATION	4	15.5	ENVIRONMENTAL HEALTH ENG	3	21.3
ELEMENTARY EDUCATION	172	19.5	GEOLOGICAL & GEOPHYS ENG	0	0.0
JR HIGH/MIDDLE SCH EDUC	27	18.9	INDUSTRIAL ENGINEERING	3	16.3
PRE-ELEMENTARY EDUCATION	40	18.0	MATERIALS ENGINEERING	1	27.0
SECONDARY EDUCATION	49	21.0	MECHANICAL ENGINEERING	33	23.3
STUDENT COUNSELING	3	15.7	METALLURGICAL ENGINEERING	0	0.0
TEACHER AIDE	0	0.0	MINING & MINERAL ENG	0	0.0
EDUCATION, GENERAL	162	19.2	NAVAL ARCHIT & MARINE ENG	2	20.5
TEACHER EDUCATION	(324)	(18.7)	NUCLEAR ENGINEERING	6	22.8
AGRICULTURAL EDUCATION	3	22.3	OCEAN ENGINEERING	0	0.0
ART EDUCATION	5	15.8	PETROLEUM ENGINEERING	0	0.0
BUSINESS EDUCATION	1	15.0	SYSTEMS ENGINEERING	0	0.0
ENGLISH EDUCATION	16	20.2	ENGINEERING, GENERAL	139	21.1
FOREIGN LANGUAGES EDUC	5	22.0	ENGINEERING-RELATED TECH	(235)	(20.8)
HEALTH EDUCATION	0	0.0	AERONAUTICAL TECHNOLOGY	11	24.1
HUMAN, FAM/CONS SCI EDUC	1	17.0	AC, HEATING, REFRIG TECH	0	0.0
INDUSTRIAL ARTS EDUCATION	0	0.0	ARCHITECTURAL DESIGN TECH	3	20.3
MATHEMATICS EDUCATION	19	21.3	BIOMEDICAL EQUIPMENT TECH	6	23.8
MUSIC EDUCATION	35	19.6	CIVIL ENGINEERING TECH	9	20.8
PHYSICAL EDUCATION	46	15.3	COMPUTER ENGINEERING TECH	38	18.7
SCIENCE EDUCATION	3	19.7	CONSTRUCTION/BLDG TECH	3	15.7
SOC STUDIES/SOC SCI EDUC	14	21.1	DRAFTING & DESIGN TECH	4	20.8
SPECIAL EDUCATION	17	18.9	ELECTRICAL ENG TECHNOLOGY	11	19.2
SPEECH CORRECTION EDUC	5	17.6	ELECTRONIC ENG TECHNOLOGY	7	16.9
TEACHING ENGL AS 2ND LANG	0	0.0	ELECTROMECHAN INSTR TECH	0	0.0
TECH/TRADE & IND ED	0	0.0	ENVIRONMENTAL CONTRL TECH	1	22.0
TEACHER EDUCATION, OTHER	12	17.5	INDUSTRIL PRODUCTION TECH	1	15.0
TEACHER EDUCATION, GEN	142	18.8			

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	(85)	(18.7)
MANUFACTURING TECHNOLOGY	0	0.0	CHILD DEV, CARE, GUIDANCE	18	17.6
MECHANICAL ENG TECH	29	19.6	CHILD CARE AIDE/ASSISTING	1	16.0
MINING & PETROLEUM TECH	0	0.0	CULINARY ARTS	16	18.8
OCCUPATL SFTY & HLTH TECH	0	0.0	FAMILY/CONS RESOURCE MGMT	0	0.0
SURVEYING & MAPPING TECH	1	18.0	FASHION DESIGN	7	18.4
ENGINEERING TECH, OTHER	5	23.0	FOOD PRODUCTN, MGMT, SVCS	1	14.0
ENGINEER-RELATD TECH, GEN	106	22.0	FOOD SCI & NUTR/DIETETICS	4	22.5
			HUMAN ENVIRON & HOUSING	1	23.0
FOREIGN LANGUAGES	(36)	(22.4)	INDIVIDUAL & FAMILY DEVEL	1	20.0
ASIATIC LANGUAGES	4	23.5	TEXTILES AND CLOTHING	2	21.0
CLASSICAL LANGUAGES	2	23.5	HUMAN, FAM/CONS SCI, GEN	34	18.9
FRENCH	2	25.0			
GERMAN	0	0.0	LETTERS	(34)	(22.6)
ITALIAN	0	0.0	CLASSICS	0	0.0
MIDDLE EASTERN LANGUAGES	0	0.0	COMPARATIVE LITERATURE	0	0.0
RUSSIAN	1	18.0	CREATIVE WRITING	11	20.8
SPANISH	13	21.8	ENGLISH, GENERAL	13	24.0
FOREIGN LANGUAGES, OTHER	4	16.0	LINGUISTICS	0	0.0
FOREIGN LANGUAGES, GEN	10	25.1	LITERATURE, ENGLISH/AMER	2	20.5
			SPEECH & RHETORICAL STUDY	0	0.0
HEALTH SCI & ALLIED HLTH	(1950)	(19.5)	LETTERS, GENERAL	8	23.5
CHIROPRACTIC	3	21.7			
DENTAL ASSISTING	4	16.8	MATHEMATICS	(45)	(22.5)
DENTAL HYGIENE	30	18.1	ACTUARIAL SCIENCES	0	0.0
DENTAL LAB/TECHNOLOGY	1	20.0	APPLIED MATHEMATICS	5	23.6
DENTISTRY	41	20.2	STATISTICS	1	17.0
EMERG MED TECH/PARAMEDIC	7	18.3	MATHEMATICS, GENERAL	39	22.5
HEALTH CARE ADMIN	8	14.9			
MEDICAL/SURG ASSISTING	10	17.8	PHILOS, RELIG & THEOLOGY	(60)	(23.9)
MEDICAL LAB/TECHNOLOGY	12	20.3	BIBLE STUDIES	3	24.3
MED RECORDS ADMIN/TECH	3	18.3	PHILOSOPHY	4	24.5
MEDICINE	272	22.0	RELIGION	5	24.2
MNTL HLTH & HUM SVCS/TECH	7	19.0	RELIGIOUS EDUCATION	6	23.3
NUCLEAR MEDICINE TECH	3	14.3	RELIGIOUS MUSIC	2	17.0
NURSING (PRACTICAL)	52	17.2	THEOLOGY	7	23.1
NURSING (REGISTERED)	433	18.0	PHILOS, RELIG & THEOL, GEN	33	24.4
OCCUPATNL THERAPY/ASSIST	14	19.9			
OPTOMETRY	6	20.3			
PHARMACY	93	21.4			
PHYSICIAN ASSISTING	21	18.2			
PHYSICAL THERAPY/ASSIST	134	18.7			
RADIOLOGY/RADIOLOGIC TECH	36	18.6			
REC/ART/MUSIC THERAPY	5	18.8			
RESPIRATORY THERAPY/TECH	1	18.0			
SPEECH PATHOL/AUDIOLOGY	3	20.0			
VETERINARIAN ASSISTING	5	17.6			
VETERINARY MEDICINE	44	21.5			
HEALTH SCI & ALLIED, GEN	702	19.7			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL) (	544)	(22.8)	VISUAL/PERFORM ARTS	(431)	(20.1)
ASTRONOMY	5	22.8	APPLIED DESIGN/CRAFTS	1	20.0
ATMOSPHER SCI & METEOROL	22	21.5	ART	28	18.5
BIOCHEMISTRY & BIOPHYSICS	30	22.4	ART HIST & APPRECIATION	2	20.0
BIOLOGY	206	22.4	CINEMATOGRAPHY/FILM/VIDEO	21	23.6
BOTANY	0	0.0	DANCE	17	20.4
CHEMISTRY	60	23.5	DESIGN, GENERAL	12	22.0
EARTH SCIENCE	1	24.0	DRAMA/THEATRE ARTS	44	21.3
ECOLOGY/ENV STUDIES	13	23.5	FINE ARTS, GENERAL	5	22.2
GEOLOGY	2	21.0	GRAPHIC ARTS TECHNOLOGY	11	19.5
MICROBIOLOGY	8	25.1	GRAPHIC DESIGN	28	19.9
OCEANOGRAPHY	14	22.2	MUSIC (LIBERAL ARTS)	12	20.5
PHYSICS	17	27.1	MUSIC PERFORMANCE	52	19.9
ZOOLOGY	24	19.3	MUSIC THEORY & COMPOSIT	12	18.3
SCIENCES (BIO & PHYS), GEN	142	23.4	PHOTOGRAPHY	11	18.8
			VISUAL/PERFORM ARTS, GEN	175	19.7
SOCIAL SCIENCES (	709)	(21.1)	UNDECIDED	(826)	(20.5)
ANTHROPOLOGY	6	21.3			
ECONOMICS	6	27.3			
GEOGRAPHY	0	0.0			
HISTORY	54	22.9			
INTERNATIONAL RELATIONS	28	26.7			
LAW	142	20.3			
PARALEGAL/LEGAL ASSISTING	9	16.7			
POLITICAL SCI/GOVERNMENT	73	22.5			
PSYCHOLOGY	218	20.1			
SOCIOLOGY	19	17.1			
URBAN STUDIES	0	0.0			
SOCIAL SCIENCES, GENERAL	154	21.3			
TRADE & INDUSTRIAL (	34)	(16.8)			
AIRCRAFT TECHNICIAN	2	15.5			
AIRPLANE PILOTING & NAVIG	6	20.3			
AUTOMOTIVE BODY REPAIR	3	15.0			
AUTOMOTIVE TECHNOLOGY	9	15.8			
AVIATION MANAGEMENT	2	17.0			
COMPUTER ELECTRNCES/REPAIR	1	21.0			
CONSTRCT TRADES & CARPENT	0	0.0			
DIESEL MECHANICS & TECH	2	16.5			
DRAFTING	1	19.0			
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	0	0.0			
TRADE & INDUSTRIAL, GEN	8	15.5			

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)	27	16.1	8	18.4	19	15.2	5	14.6	22	16.5
BUSINESS OPER (04-05)	44	16.2	14	16.9	28	15.8	18	14.6	26	17.4
TECHNICAL (06-07)	64	16.2	17	17.9	43	15.6	37	15.6	24	17.5
SCIENCE & TECH (08-09)	46	18.1	23	19.4	22	17.0	16	17.2	30	18.6
ARTS (10-11)	23	17.6	9	20.0	14	16.1	4	13.0	19	18.6
SOCIAL SERVICE (12-01)	35	16.7	15	18.7	20	15.1	5	16.0	30	16.8
OTHER*	122	16.2	34	17.7	80	15.3	40	15.8	81	16.4
TOTAL	361	16.6	120	18.3	226	15.6	125	15.6	232	17.1
<u>PLAN ON 4-YEARS OR MORE OF COLLEGE</u>										
ADMIN & SALES (02-03)	1022	19.5	591	20.7	407	17.8	279	19.7	732	19.4
BUSINESS OPER (04-05)	579	19.4	335	20.5	233	18.0	257	18.9	318	19.9
TECHNICAL (06-07)	898	20.1	516	21.1	365	18.5	512	19.7	381	20.5
SCIENCE & TECH (08-09)	1147	21.5	705	22.4	399	20.0	452	21.7	688	21.4
ARTS (10-11)	859	21.9	548	22.9	285	19.8	208	22.1	642	21.8
SOCIAL SERVICE (12-01)	1124	20.3	654	21.2	432	18.8	261	20.2	856	20.3
OTHER*	2929	20.2	1560	21.3	1084	18.6	1211	20.4	1688	20.1
TOTAL	8558	20.4	4909	21.5	3205	18.7	3180	20.4	5305	20.4

* 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	2850	3.09	2.94	3.20	3.10	3.08	0.65
FEMALE	4971	3.30	3.04	3.31	3.20	3.21	0.59
NO RESPONSE	61	3.20	2.96	3.24	3.21	3.15	0.64
AFRICAN-AMERICAN/BLACK	2522	2.89	2.56	2.91	2.76	2.78	0.59
CAUCASIAN-AMERICAN/WHITE	4336	3.40	3.24	3.46	3.38	3.36	0.52
OTHER MINORITY	552	3.30	3.11	3.36	3.25	3.25	0.57
MISSING/PREFER NO RESP	472	3.29	3.03	3.33	3.25	3.22	0.63
TOTAL	7882	3.23	3.00	3.27	3.16	3.16	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 62, THIS MEANS THAT 62% 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 56 PERCENT OF STUDENTS SCORED BELOW 21.

TABLE 4 EXAMPLE

STD SCORE	ACT COMPOSITE	
	FREQ	CP
36	1	99
35	14	99
34	39	99
33	53	99
32	91	99
31	124	98
30	149	97
29	202	96
28	275	94
27	341	91
26	411	88
25	472	84
24	535	80
23	594	75
22	713	69
21	715	62 <-- 62% OF THE STUDENTS SCORE AT OR BELOW 21
20	762	56 <-- 56% OF THE STUDENTS SCORE BELOW 21
19	817	49
18	807	41
17	793	33
16	751	26
15	722	19
14	569	12
13	379	7
12	232	3
11	100	1
10	25	1
9	6	1
8	4	1
7	1	1
6	0	1
5	0	1
4	0	1
3	0	1
2	0	1
1	0	1

