

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

**STATE COMPOSITE FOR
NEW JERSEY**

CODE 310-000

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	1194	2158	32/ 57	21.0/19.7	21.3/20.4	21.7/20.4	21.0/20.0	21.4/20.2
2001-02	1205	2212	30/ 56	20.9/19.8	21.5/20.5	21.7/20.5	21.0/19.9	21.4/20.3
2002-03	1488	2724	30/ 54	21.4/20.0	22.0/20.8	22.4/20.9	21.3/20.4	21.9/20.7
2003-04	1521	2856	29/ 55	21.4/20.2	21.9/21.0	22.3/21.1	21.3/20.5	21.8/20.8
2004-05	1756	3038	30/ 51	21.6/20.3	22.1/20.9	22.7/21.2	21.3/20.4	22.1/20.8

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
2000-01	3772	20.1	20.7	20.8	20.3	20.6
2001-02	3979	20.2	20.9	20.9	20.3	20.7
2002-03	5009	20.6	21.3	21.5	20.7	21.2
2003-04	5218	20.7	21.4	21.5	20.8	21.2
2004-05	5902	20.9	21.5	21.7	20.8	21.3

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
Q3 (75TH PERCENTILE)	24.8	25.3	26.1	23.7	24.8
Q2 (50TH PERCENTILE - MEDIAN)	20.7	20.8	21.5	20.6	21.0
Q1 (25TH PERCENTILE)	16.8	17.2	17.1	17.9	17.7

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= 184)	(N= 2)	(N= 1120)	(N= 13)	(N= 87)	(N= 99)
ENGLISH	18.0	24.0	22.1	25.6	23.1	19.1
USAGE/MECH	8.7	12.5	11.3	13.6	12.1	9.4
RHET SKILLS	9.4	12.0	11.3	12.8	11.6	9.9
MATHEMATICS	18.7	26.5	22.5	25.0	25.0	19.7
PRE/ELEM-ALG	9.9	14.0	12.1	13.5	13.4	10.4
ALG/CRD-GEOM	9.0	14.0	11.3	12.2	12.5	9.7
PLANE GEOM/TRIG	9.2	13.5	11.3	12.8	12.7	9.6
READING	19.2	24.5	23.2	25.7	23.6	20.3
SOC STU/SCI	9.4	13.5	11.7	13.2	11.9	9.8
ARTS/LITERATURE	10.0	12.5	12.0	13.2	12.3	10.8
SCIENCE	18.1	24.5	21.7	23.9	22.8	19.5
COMPOSITE	18.6	25.0	22.5	25.2	23.7	19.8
LESS THAN CORE	(N= 533)	(N= 6)	(N= 1683)	(N= 22)	(N= 148)	(N= 205)
ENGLISH	16.1	18.2	21.4	18.5	22.2	18.0
USAGE/MECH	7.6	8.3	10.8	9.0	11.5	8.9
RHET SKILLS	8.3	9.7	11.0	9.7	11.3	9.2
MATHEMATICS	17.3	18.7	21.7	21.1	24.4	19.2
PRE/ELEM-ALG	8.8	9.8	11.6	11.1	13.3	9.9
ALG/CRD-GEOM	8.4	9.2	10.8	10.3	12.4	9.5
PLANE GEOM/TRIG	8.2	9.7	10.8	10.5	12.2	9.6
READING	17.1	22.2	22.2	20.9	22.6	19.2
SOC STU/SCI	8.3	11.0	11.2	11.1	11.7	9.4
ARTS/LITERATURE	8.7	11.3	11.5	10.0	11.5	9.9
SCIENCE	17.1	21.7	21.3	20.3	22.4	18.8
COMPOSITE	17.0	20.2	21.8	20.4	23.0	18.9
NO RESPONSE	(N= 84)	(N= 1)	(N= 649)	(N= 9)	(N= 40)	(N= 43)

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= 801)	(N= 9)	(N= 3452)	(N= 44)	(N= 275)	(N= 347)
ENGLISH	16.5	20.1	21.6	21.5	22.6	18.6
USAGE/MECH	7.9	9.7	11.0	10.9	11.8	9.1
RHET SKILLS	8.5	10.4	11.1	11.1	11.5	9.5
MATHEMATICS	17.7	21.2	22.0	22.6	24.8	19.5
PRE/ELEM-ALG	9.1	11.2	11.8	12.1	13.4	10.2
ALG/CRD-GEOM	8.6	10.7	11.0	11.0	12.4	9.7
PLANE GEOM/TRIG	8.6	11.0	11.0	11.4	12.4	9.7
READING	17.6	24.2	22.5	23.0	23.2	19.6
SOC STU/SCI	8.6	12.3	11.3	11.9	11.9	9.6
ARTS/LITERATURE	9.0	12.3	11.7	11.7	11.8	10.2
SCIENCE	17.4	23.2	21.3	21.6	22.7	19.1
COMPOSITE	17.4	22.2	22.0	22.3	23.5	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	101 20.4	2 20.0	960 24.8	12 24.5	108 25.1	86 22.3
3.00 - 3.49	197 18.5	2 24.5	813 21.4	10 22.3	68 22.6	80 18.6
2.50 - 2.99	165 16.4	0 0.0	340 19.2	3 19.0	18 19.3	54 17.2
2.00 - 2.49	101 15.5	0 0.0	104 17.4	2 15.0	2 16.5	23 16.3
1.99 & BELOW	21 15.0	0 0.0	20 16.9	1 13.0	0 0.0	3 16.0
CGPA PRED BY STUDENT						
3.5 - 4.0	119 20.3	2 20.5	923 24.8	17 23.8	119 25.0	85 21.4
3.0 - 3.4	308 18.1	4 22.3	1387 21.2	15 23.5	86 22.1	142 18.9
2.5 - 2.9	159 16.3	1 16.0	375 18.8	5 17.0	20 19.5	52 16.7
2.0 - 2.4	73 14.6	0 0.0	82 17.1	3 13.7	5 16.8	14 14.8
1.9 & BELOW	12 13.7	0 0.0	10 16.7	0 0.0	1 19.0	2 13.5
HIGH SCHOOL RANK						
TOP QUARTER	165 19.9	3 20.3	1107 24.6	17 25.2	126 25.0	97 21.6
2ND QUARTER	234 17.8	2 20.0	873 20.4	9 18.8	57 21.3	109 18.1
BOTTOM HALF	213 15.6	2 22.5	404 18.2	4 18.8	22 18.5	55 16.2

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	816	14	342	6	85	1	25	0
	FEMALE	1536	26	757	13	198	3	32	1
	TOTAL	2380	40	1105	19	287	5	57	1
NO. & VARIETY OF COURSE OFFERINGS	MALE	752	13	298	5	190	3	30	1
	FEMALE	1468	25	558	9	458	8	36	1
	TOTAL	2247	38	861	15	654	11	66	1
GRADING PRACTICES & POLICIES	MALE	657	11	431	7	153	3	27	0
	FEMALE	1314	22	853	14	310	5	37	1
	TOTAL	1996	34	1294	22	466	8	64	1
NO. & KINDS OF TESTS GIVEN	MALE	615	10	493	8	132	2	22	0
	FEMALE	1207	20	997	17	277	5	27	0
	TOTAL	1846	31	1503	25	410	7	49	1
GUIDANCE SERV PROVIDED BY GUIDANCE OFFICE	MALE	705	12	301	5	226	4	32	1
	FEMALE	1338	23	587	10	524	9	62	1
	TOTAL	2061	35	898	15	760	13	94	2
SCHOOL RULES, REGULATIONS, & POLICIES	MALE	534	9	433	7	268	5	28	0
	FEMALE	989	17	828	14	645	11	47	1
	TOTAL	1541	26	1273	22	921	16	75	1
LIBRARY OR LEARNING CENTER	MALE	707	12	385	7	143	2	31	1
	FEMALE	1401	24	747	13	299	5	64	1
	TOTAL	2132	36	1142	19	446	8	95	2
LABORATORY FACILITIES	MALE	656	11	385	7	184	3	38	1
	FEMALE	1235	21	747	13	442	7	81	1
	TOTAL	1912	32	1143	19	632	11	119	2
PROVISIONS FOR SPECIAL HELP IN READING, MATH, ETC	MALE	501	8	353	6	118	2	289	5
	FEMALE	1038	18	694	12	244	4	518	9
	TOTAL	1551	26	1063	18	366	6	813	14
PROVISIONS FOR ACADEMICALLY OUTSTANDING STU	MALE	755	13	311	5	71	1	124	2
	FEMALE	1600	27	572	10	168	3	167	3
	TOTAL	2381	40	891	15	241	4	293	5
ADEQUACY OF PROG IN CAREER EDUC & PLANNING	MALE	521	9	429	7	204	3	103	2
	FEMALE	1028	17	807	14	453	8	213	4
	TOTAL	1565	27	1248	21	665	11	318	5

NUMBER OF STUDENTS - 5902

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES
FOR ALL STUDENTS (NUMBER OF STUDENTS = 5902)

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	9	99	34	99	10	99	1	99
35	13	99	24	99	62	99	16	99	7	99
34	58	99	43	99	95	98	28	99	13	99
33	64	99	51	99	103	97	8	99	31	99
32	63	98	67	98	83	95	56	99	48	99
31	99	97	101	97	143	94	35	98	73	98
30	98	95	85	95	191	91	42	97	118	97
29	218	93	184	94	158	88	104	97	172	95
28	194	89	180	90	200	85	118	95	217	92
27	207	86	333	87	308	82	150	93	257	88
26	247	83	333	82	276	77	289	90	312	84
25	300	79	300	76	226	72	290	85	328	79
24	341	73	435	71	337	68	389	81	380	73
23	301	68	364	64	375	62	462	74	396	67
22	449	63	251	57	353	56	408	66	406	60
21	374	55	282	53	287	50	602	59	425	53
20	407	49	376	48	467	45	622	49	473	46
19	427	42	385	42	320	37	509	39	441	38
18	351	34	481	36	273	32	503	30	425	31
17	293	29	490	27	312	27	336	21	394	23
16	253	24	529	19	271	22	247	16	309	17
15	376	19	301	10	240	17	207	11	257	11
14	217	13	174	5	335	13	142	8	182	7
13	143	9	85	2	189	8	111	6	125	4
12	97	7	20	1	147	4	90	4	74	2
11	101	5	13	1	73	2	55	2	21	1
10	72	3	2	1	20	1	35	1	12	1
9	46	2	1	1	11	1	22	1	4	1
8	58	1	1	1	4	1	9	1	1	1
7	23	1	1	1	8	1	4	1	0	1
6	2	1	0	1	1	1	3	1	0	1
5	2	1	0	1	0	1	0	1	0	1
4	1	1	1	1	0	1	0	1	0	1
3	0	1	0	1	0	1	0	1	0	1
2	0	1	0	1	0	1	0	1	0	1
1	0	1	0	1	0	1	0	1	0	1

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

33-36	142	2	127	2	294	5	62	1	52	1
28-32	672	11	617	10	775	13	355	6	628	11
24-27	1095	19	1401	24	1147	19	1118	19	1277	22
20-23	1531	26	1273	22	1482	25	2094	35	1700	29
16-19	1324	22	1885	32	1176	20	1595	27	1569	27
13-15	736	12	560	9	764	13	460	8	564	10
01-12	402	7	39	1	264	4	218	4	112	2

AVG(SD) 20.9(5.7) 21.5(5.1) 21.7(6.0) 20.8(4.6) 21.3(4.8)

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 = 5902)

STD SCORE	USAGE/MECH		RHET SKILLS		SOC STU/SCI		ARTS/LIT		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	
18	140	99	17	99	99	99	256	99	18
17	237	98	75	99	302	98	306	96	17
16	227	94	241	98	286	93	390	90	16
15	406	90	351	94	388	88	452	84	15
14	361	83	474	88	407	82	351	76	14
13	402	77	438	80	444	75	450	70	13
12	520	70	752	73	638	67	778	63	12
11	589	61	699	60	504	57	458	49	11
10	547	51	778	48	586	48	456	42	10
9	599	42	742	35	659	38	413	34	9
8	571	32	518	23	660	27	438	27	8
7	432	22	325	14	359	16	435	20	7
6	393	15	206	8	226	10	319	12	6
5	212	8	163	5	146	6	281	7	5
4	152	5	84	2	98	3	76	2	4
3	88	2	31	1	58	2	35	1	3
2	25	1	8	1	27	1	8	1	2
1	1	1	0	1	15	1	0	1	1
AVERAGE		10.5		10.7		10.9		11.3	
S.D.		3.7		3.0		3.5		3.8	

STD SCORE	PRE/ELEM		ALG/CRD-GEOM		PLN GEOM/TRIG		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	
18	158	99	53	99	39	99	18
17	259	97	77	99	57	99	17
16	416	93	170	98	186	98	16
15	403	86	219	95	334	95	15
14	600	79	593	91	454	90	14
13	580	69	406	81	598	82	13
12	445	59	859	74	743	72	12
11	541	52	619	60	529	59	11
10	564	42	732	49	1073	50	10
9	435	33	954	37	618	32	9
8	734	25	485	21	461	22	8
7	487	13	277	12	347	14	7
6	191	5	207	8	230	8	6
5	60	2	127	4	31	4	5
4	15	1	68	2	122	3	4
3	7	1	40	1	19	1	3
2	5	1	5	1	47	1	2
1	2	1	11	1	14	1	1
AVERAGE		11.4		10.7		10.7	
S.D.		3.4		2.9		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	2107	20.3	5.8	22.2	5.4	21.4	6.1	21.2	4.9	21.4	5.0
FEMALES	3718	21.2	5.6	21.0	4.9	22.0	6.0	20.6	4.4	21.3	4.7
NO RESPONSE	77	20.8	6.1	21.7	5.3	21.9	6.2	20.3	4.2	21.3	4.9

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	4	1	5	5	2	1	1	1		
28-32	9	12	13	9	12	14	9	5	12	10		
24-27	18	19	26	22	18	20	19	19	20	22		
20-23	25	26	20	23	26	25	35	36	29	28		
16-19	22	23	28	34	20	20	24	29	24	28		
13-15	14	12	9	10	14	12	8	8	10	9		
01-12	9	6	1	1	6	4	4	3	3	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	1094	26	23.1	21	20	18	20	920	28	135	21
GOOD	1492	36	21.1	41	38	31	34	1173	35	247	38
AVERAGE	748	18	19.0	18	17	26	28	554	17	150	23
BELOW AVERAGE	114	3	19.0	5	5	4	4	72	2	33	5
VERY INADEQUATE	246	6	20.2	12	11	2	2	205	6	27	4
NO RESPONSE	494	12	21.6	10	9	11	12	410	12	63	10
NO. OF STUDENTS	4188			107		92		3334		655	

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	5902	20.9	5.7	21.5	5.1	21.7	6.0	20.8	4.6	21.3	4.8
COLLEGE CORE											
E4, M3, SS3, NS3	1756	21.6	5.4	22.1	5.0	22.7	5.9	21.3	4.5	22.1	4.6
In between	2225	20.5	5.9	21.1	5.1	21.3	6.0	20.6	4.7	21.0	4.9
E4, M2, SS2, NS2	813	19.5	5.9	20.5	5.0	20.7	6.2	20.0	4.6	20.3	4.9
No Response	1108	21.3	5.5	21.9	5.0	21.9	5.7	20.9	4.3	21.6	4.6
HS GPA RANGES											
3.50 - 4.00	1502	24.3	5.1	24.7	4.7	25.0	5.6	23.4	4.2	24.5	4.3
3.00 - 3.49	1321	20.4	5.0	20.9	4.5	21.2	5.4	20.5	4.2	20.8	4.1
2.50 - 2.99	656	17.6	4.6	18.2	3.5	18.7	5.0	18.2	3.8	18.3	3.6
2.00 - 2.49	266	15.1	4.0	16.7	2.5	16.5	4.1	17.0	3.4	16.5	2.8
1.99 & below	49	14.9	4.0	16.7	2.6	15.8	4.2	16.2	3.4	16.0	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	483	8	3.41	20.7	21.1
ENG 9, ENG 10, ENG 11, ENG 12	3770	64	3.29	20.8	21.3
LESS THAN 4 YEARS OF ENGLISH	515	9	3.25	20.3	21.0
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	1134	19	- . -	21.3	21.6
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	416	7	3.52	24.4	23.9
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	344	6	3.19	21.7	21.8
ALG 1, ALG 2, GEOM, TRIG	505	9	3.05	20.1	20.3
ALG 1, ALG 2, GEOM, OTHER ADV MATH	733	12	3.08	20.3	20.5
ALG 1, ALG 2, GEOM	782	13	2.68	17.8	18.1
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	1183	20	3.47	24.6	23.9
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	278	5	3.24	21.7	21.7
LESS THAN 3 YEARS OF MATH	463	8	2.72	19.3	19.4
NO MATH COURSE/GRADE INFORMATION REPORTED	1198	20	- . -	21.8	21.5
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	175	3	3.54	23.1	22.4
US HIST, WORLD HIST, AM GOVT	289	5	3.50	22.7	22.1
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	551	9	3.50	22.5	21.8
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	998	17	3.50	22.2	21.7
LESS THAN 3 YEARS OF SOC SCI	2648	45	3.34	21.2	20.9
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	1241	21	- . -	21.8	21.5
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	1635	28	3.40	21.7	22.3
BIOLOGY, CHEMISTRY, PHYSICS	829	14	3.36	23.0	23.9
GEN SCIENCE, BIOLOGY, CHEMISTRY	1452	25	3.05	19.2	19.5
OTHER COMBINATIONS OF 3 YEARS NAT SCI	61	1	3.10	19.1	19.9
LESS THAN 3 YEARS OF NAT SCI	672	11	2.97	19.3	19.4
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	1253	21	- . -	20.8	21.5

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	156	7	3.31	20.1	20.9
ENG 9, ENG 10, ENG 11, ENG 12	1277	61	3.16	20.3	21.5
LESS THAN 4 YEARS OF ENGLISH	198	9	3.12	19.2	20.5
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	476	23	- . -	20.7	21.6
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	147	7	3.49	25.3	24.3
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	112	5	3.13	22.1	21.6
ALG 1, ALG 2, GEOM, TRIG	147	7	2.99	21.2	20.7
ALG 1, ALG 2, GEOM, OTHER ADV MATH	193	9	2.95	20.9	20.6
ALG 1, ALG 2, GEOM	265	13	2.56	18.3	17.8
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	472	22	3.43	25.2	23.8
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	90	4	3.18	21.9	21.5
LESS THAN 3 YEARS OF MATH	163	8	2.60	18.8	18.6
NO MATH COURSE/GRADE INFORMATION REPORTED	518	25	- . -	22.5	21.5
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	82	4	3.52	22.7	22.4
US HIST, WORLD HIST, AM GOVT	110	5	3.45	21.6	21.7
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	196	9	3.47	22.9	22.4
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	286	14	3.40	21.9	21.8
LESS THAN 3 YEARS OF SOC SCI	903	43	3.28	20.7	20.8
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	530	25	- . -	21.4	21.6
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	595	28	3.37	22.5	22.6
BIOLOGY, CHEMISTRY, PHYSICS	333	16	3.35	23.5	23.9
GEN SCIENCE, BIOLOGY, CHEMISTRY	398	19	2.86	19.0	19.0
OTHER COMBINATIONS OF 3 YEARS NAT SCI	28	1	3.20	19.7	20.9
LESS THAN 3 YEARS OF NAT SCI	221	10	2.80	18.8	18.4
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	532	25	- . -	21.2	21.5

STATE COMPOSITE FOR
NEW JERSEYTABLE 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	318	9	3.46	21.0	21.1
ENG 9, ENG 10, ENG 11, ENG 12	2457	66	3.36	21.1	21.2
LESS THAN 4 YEARS OF ENGLISH	307	8	3.36	21.0	21.4
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	636	17	- . -	21.7	21.6
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	265	7	3.53	23.9	23.8
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	230	6	3.23	21.5	22.0
ALG 1, ALG 2, GEOM, TRIG	352	9	3.07	19.6	20.1
ALG 1, ALG 2, GEOM, OTHER ADV MATH	534	14	3.13	20.1	20.5
ALG 1, ALG 2, GEOM	506	14	2.72	17.5	18.1
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	698	19	3.50	24.1	23.9
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	184	5	3.27	21.5	21.8
LESS THAN 3 YEARS OF MATH	293	8	2.81	19.6	19.9
NO MATH COURSE/GRADE INFORMATION REPORTED	656	18	- . -	21.2	21.5
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	90	2	3.56	23.7	22.4
US HIST, WORLD HIST, AM GOVT	177	5	3.53	23.3	22.3
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	346	9	3.52	22.2	21.5
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	701	19	3.53	22.3	21.6
LESS THAN 3 YEARS OF SOC SCI	1717	46	3.37	21.5	20.9
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	687	18	- . -	22.1	21.5
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	1022	27	3.42	21.3	22.2
BIOLOGY, CHEMISTRY, PHYSICS	491	13	3.36	22.6	23.8
GEN SCIENCE, BIOLOGY, CHEMISTRY	1032	28	3.12	19.3	19.8
OTHER COMBINATIONS OF 3 YEARS NAT SCI	33	1	3.03	18.6	19.0
LESS THAN 3 YEARS OF NAT SCI	444	12	3.04	19.6	20.0
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	696	19	- . -	20.6	21.5

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	26	21.2	77	19	1	1	1	1	1	1
ARCH & ENVIR DESIGN	52	21.9	52	46	2	3	1	1	1	2
BUSINESS & MGMT	425	20.8	39	51	17	16	8	8	11	11
BUSINESS & OFFICE	23	19.9	39	57	1	2	0	0	1	1
MARKETING & DISTRIBUTION	57	20.4	42	46	1	1	2	2	2	2
COMMUNICATION & COMM TEC	207	20.9	51	39	4	5	6	7	6	6
COMMUNITY & PRSNL SVCS	101	17.5	59	35	3	4	3	3	3	3
COMPUTER & INFO SCI	51	20.8	47	43	3	3	0	1	1	1
CROSS-DISC STUDIES	6	23.3	17	50	0	0	0	0	0	0
EDUCATION	274	19.3	61	35	3	4	9	10	7	8
TEACHER EDUCATION	152	18.9	58	34	3	3	5	5	4	4
ENGINEERING	135	24.2	41	48	8	6	2	1	4	3
ENGINEERING-RELATED TECH	93	22.6	43	49	6	7	1	0	2	3
FOREIGN LANGUAGES	27	26.5	26	56	1	0	1	0	1	0
HEALTH SCI & ALLIED HLTH	582	20.6	63	33	8	9	20	22	16	18
HUMAN, FAMILY/CONS SCI	17	19.3	71	24	0	0	1	1	0	1
LETTERS	34	25.5	44	44	0	0	1	1	1	1
MATHEMATICS	24	22.8	42	42	1	0	1	0	1	0
PHILOS, RELIG & THEOL	16	20.6	31	50	1	0	0	0	0	0
SCI (BIOL & PHYSICAL)	329	23.3	45	47	7	6	9	6	9	6
SOCIAL SCIENCES	409	22.2	50	44	8	7	12	12	11	10
TRADE & INDUSTRIAL	14	18.3	50	36	1	1	0	0	0	1
VISUAL & PERFORM ARTS	210	20.6	56	35	6	6	5	6	6	6
UNDECIDED	480	21.5	10	16	15	16	12	11	13	13
NO RESPONSE	2158									

NUMBER OF STUDENTS - 5902

TABLE 11 SUMMARY OF RESPONSES TO VARIOUS DEMOGRAPHIC ITEMS

	NUMBER	AVERAGE			NUMBER	AVERAGE	
	OF STUDENTS	ACT	PCT		OF STUDENTS	ACT	PCT
HS CURRICULUM OR PROG				RACIAL/ETHNIC BACKGROUND			
BUS COMM/VOC-OCCUP	199	19.0	3	AFRICAN-AMER/BLACK	801	17.4	14
COLL PREP	3334	21.6	56	AM INDIAN,ALASKAN NTV	9	22.2	0
OTHER/GENERAL/NO RESP	2369	21.1	40	CAUCASIAN-AMER/WHITE	3452	22.0	58
REQUEST ASSISTANCE WITH				MEXICAN-AMER/CHICANO	44	22.3	1
ED/OCCUP PLANS	1594	21.2	27	ASIAN-AMER,PACIFIC ISL	275	23.5	5
EXPR IDEAS IN WRITING	1032	19.6	17	PUERTO RICAN,HISPANIC	347	19.3	6
READING/COMPREHENSION	1303	19.2	22	OTHER	148	20.9	3
STUDY SKILLS	1645	19.4	28	MULTIRACIAL	105	21.8	2
MATH SKILLS	1756	19.2	30	PREFER NOT TO RESPOND	218	21.9	4
PERSONAL CONCERNS	463	19.7	8	NO RESPONSE	503	23.1	9
EXPRESSED FIN NEED				ESTIMATED FAMILY INCOME			
NEED FINANCIAL AID	3846	21.0	65	LESS THAN \$18,000	230	17.8	4
NEED TO FIND WORK	3065	20.9	52	ABOUT \$18,000-\$24,000	174	18.6	3
SPECIAL COLLEGE PROG				ABOUT \$24,000-\$30,000	162	18.7	3
INDEP STUDY	1967	22.1	33	ABOUT \$30,000-\$36,000	155	19.9	3
HONORS COURSES	1858	23.5	31	ABOUT \$36,000-\$42,000	180	19.9	3
ADV PLACEMENT IN COLL				ABOUT \$42,000-\$50,000	249	20.4	4
ENGLISH	1396	23.4	24	ABOUT \$50,000-\$60,000	319	20.6	5
MATH	1153	24.0	20	ABOUT \$60,000-\$80,000	524	21.2	9
SOCIAL STUDIES	1300	23.3	22	ABOUT \$80,000-\$100,000	568	21.7	10
NATURAL SCIENCE	1112	23.6	19	MORE THAN \$100,000	887	22.7	15
FOREIGN LANG	1076	23.2	18	NO RESPONSE	2454	21.9	42
MAX YEARLY COLL TUITION				HS CLASS RANK			
\$1000 & UNDER	48	16.4	1	TOP QTR	1787	24.1	30
\$1001 - \$2000	48	15.4	1	2ND QTR	1439	19.8	24
\$2001 - \$4000	128	18.0	2	3RD QTR	702	17.5	12
\$4001 - \$7500	444	19.2	8	4TH QTR	88	16.0	1
\$7501 & OVER	417	20.0	7	NO RESPONSE	1886	21.6	32
NO PREFERENCE	2838	21.8	48	EDUC DEG ASPIRATION			
NO RESPONSE	1979	21.9	34	VOC-TECH	7	18.3	0
MOST RECENTLY TESTED				2YR COL DEGREE	38	16.2	1
SOPHOMORE	25	21.8	0	BACHELORS DEGREE	1499	19.5	25
JUNIOR	1919	22.7	33	GRAD STUDY	1500	22.3	25
SENIOR	3816	20.6	65	PROF LEVEL DEGREE	1575	22.3	27
OTHER/NO RESPONSE	142	22.5	2	OTHER	95	18.4	2
COLLEGE CORE PREPARATION				NO RESPONSE	1188	21.7	20
CORE OR MORE	1756	22.1	30	NUMBER OF STUDENTS			
LESS THAN CORE	3038	20.8	51	HOME SCHOOLED	26	23.7	0
NO RESPONSE	1108	21.6	19	EARNED A GED	5	19.6	0
				ALL STUDENTS	5902	21.3	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
2592 RUTGERS-ST U OF NJ	NJ	726	208	518	2	11	33	33	15	5	1
2572 MONTCLAIR STATE UNIV	NJ	310	77	233	5	18	43	27	6	1	0
2560 ROWAN UNIVERSITY	NJ	303	67	236	4	15	35	33	12	1	0
2614 COLL OF NEW JERSEY	NJ	260	64	196	0	7	24	35	24	9	2
2584 WILLIAM PATERSON U	NJ	221	45	176	8	18	48	19	6	0	0
2589 RICHARD STOCKTON C	NJ	195	69	126	0	15	39	36	8	1	0
2582 KEAN UNIVERSITY	NJ	189	47	142	11	30	43	14	1	1	0
0634 UNIV OF DELAWARE	DE	188	53	135	0	4	20	41	29	5	1
2571 MONMOUTH UNIVERSITY	NJ	185	53	132	3	11	43	31	11	1	0
2590 RIDER UNIVERSITY	NJ	168	44	124	1	14	38	36	9	2	0
2591 RAMAPO COLLEGE OF NJ	NJ	163	38	125	3	16	44	29	6	1	0
3656 PENN ST-UNIV PARK	PA	156	40	116	0	5	26	40	23	6	1
2606 SETON HALL UNIV	NJ	141	37	104	4	17	43	29	6	1	0
2838 NEW YORK UNIVERSITY	NY	132	34	98	0	5	13	30	30	20	2
3724 TEMPLE UNIVERSITY	PA	130	23	107	3	19	38	24	13	2	0
3732 UNIV OF PENNSYLVANIA	PA	121	52	69	0	2	9	21	43	23	2
3744 VILLANOVA UNIVERSITY	PA	106	17	89	0	3	8	30	43	15	1
9999 NCAA CLEARINGHOUSE	IA	102	47	55	2	18	28	35	12	5	0
3556 DREXEL UNIVERSITY	PA	98	24	74	0	12	18	34	30	5	1
1746 U OF MARYLAND C PARK	MD	92	20	72	1	5	15	39	26	13	0
1788 BOSTON COLLEGE	MA	90	31	59	0	0	4	17	49	27	3
1794 BOSTON UNIVERSITY	MA	90	22	68	0	1	11	31	39	18	0
2588 PRINCETON UNIVERSITY	NJ	90	17	73	1	7	17	34	27	12	2
3612 LEHIGH UNIVERSITY	PA	81	15	66	0	1	7	27	41	22	1
4358 HAMPTON UNIV	VA	77	26	51	4	25	48	21	3	0	0
2552 FAIRLEIGH DICKINSON U	NJ	75	22	53	3	12	52	28	5	0	0
2580 NEW JERSEY INST TECH	NJ	70	22	48	0	9	39	39	7	6	1
3750 WEST CHESTER U OF PA	PA	69	17	52	3	9	38	43	6	1	0
0604 UNIV OF CONNECTICUT	CT	66	20	46	2	8	18	35	26	12	0
0582 QUINNIPIAC UNIV	CT	65	19	46	0	5	25	42	28	0	2
1880 NORTHEASTERN UNIV	MA	63	13	50	2	2	14	37	38	6	2
2550 DREW UNIVERSITY	NJ	59	13	46	0	2	25	34	32	5	2
3162 UNC AT CHAPEL HILL	NC	59	10	49	0	8	19	24	39	7	3
0668 GEORGETOWN UNIV	DC	56	12	44	0	0	5	20	39	32	4
0760 UNIVERSITY OF MIAMI	FL	55	15	40	0	9	27	31	20	13	0
ALL OTHER INSTITUTIONS		6459	1793	4666	3	11	25	29	22	10	1
TOTALS		11510	3126	8384	2	11	28	30	20	8	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	(26)	(21.2)	BUSINESS & OFFICE	(23)	(19.9)
AGRICULTURAL BUSINESS	1	24.0	BOOKKEEPING/ACCT TECH	4	20.5
AGRICULTURAL ECONOMICS	0	0.0	BUSINESS DP/COMPUTER OPER	0	0.0
AGRICULTURAL MECHANICS	0	0.0	COURT REPORTING	0	0.0
AGRI PRODUCTION/TECH	0	0.0	OFFICE SUPERVISION & MGMT	1	17.0
AGRONOMY	0	0.0	SECRETARIAL	1	12.0
ANIMAL SCIENCES	7	22.9	TYPING & GENERAL OFFICE	0	0.0
FARM & RANCH MANAGEMENT	1	23.0	WORD PROCESSING	0	0.0
FISH, GAME, WILDLIFE MGMT	2	18.0	BUSINESS & OFFICE, GEN	17	20.4
FOOD SCIENCES/ENGINEERING	0	0.0			
FORESTRY & RELATED SCI	2	16.0	MARKETING & DISTRIBUTION	(57)	(20.4)
HORTICULTURE/ORNMENTAL HORT	0	0.0	FASHION MERCHANDISING	14	18.6
NATURAL RESOURCES MGMT	0	0.0	RETAILING & SALES	2	14.0
AGRICULTURE & AG TECH, GEN	13	21.2	TRAVEL SERVICES & TOURISM	1	24.0
			MARKETING & DISTRIB, GEN	40	21.2
ARCH & ENVIR DESIGN	(52)	(21.9)			
ARCHITECTURAL DRAFTING	6	20.8	COMMUNICATIONS & COMM TECH	(207)	(20.9)
ARCHITECTURE	18	23.4	ADVERTISING	8	23.9
BLDG CON/CONSTRUCTION SCI	0	0.0	GRAPHIC/COMMERCIAL ART	6	17.0
CITY, COMM & REG PLANNING	0	0.0	GRAPHIC & PRINT COMMUNIC	1	15.0
ENVIRONMENTAL DESIGN	1	15.0	JOURNALISM	33	21.9
INTERIOR DESIGN	6	20.7	PHOTO/FILM/VIDEO TECH	8	19.6
LANDSCAPE ARCHITECTURE	0	0.0	PUBLIC RELATIONS	9	21.1
ARCHI & ENVIR DESIGN, GEN	21	21.5	RADIO/TV BROADCASTING	29	18.4
			RADIO/TV PRODUCTN & TECH	0	0.0
BUSINESS & MGMT	(425)	(20.8)	COMMUNIC & COMM TECH, GEN	113	21.4
ACCOUNTING	39	21.3			
BANKING & FINANCE	14	23.9	COMMNTY & PRSNL SVCS	(101)	(17.5)
BUSINESS ADMIN & MGMT	56	19.3	CORRECTIONS	0	0.0
BUSINESS ECONOMICS	7	22.6	COSMETOLOGY/HAIRSTYLING	2	13.0
CONTRACT MGMT & PURCHSING	0	0.0	CRIMINAL JUSTICE/CRIMINOL	57	17.1
HOTEL/RESTAURANT MGMT	11	21.1	FIRE PROTECTN/SAFETY TECH	0	0.0
HUMAN RESOURCE DEVEL/TRNG	2	14.0	FUNERAL SVCS/MORTUARY SCI	0	0.0
INSTITUTIONAL MANAGEMENT	0	0.0	LAW ENFORCEMENT & ADMIN	2	15.0
INSURANCE & RISK MGMT	0	0.0	LIBRARY SCI/LIB ASSISTING	1	15.0
INTERNATL BUSINESS/MGMT	25	22.2	MILITARY SCIENCE/TECH	2	22.0
LABOR/INDUSTRL RELATIONS	1	22.0	PARKS & RECREATION	0	0.0
MANAGEMENT INFO SYSTEMS	2	17.5	PUBLIC ADMINISTRATION	0	0.0
MANAGEMENT SCIENCE	0	0.0	PUBLIC AFFAIRS	2	20.0
MARKETING MGMT & RESEARCH	18	20.7	SOCIAL WORK	14	19.1
ORGANIZATIONAL BEHAVIOR	0	0.0	COMMNTY & PRSNL SVCS, GEN	21	17.8
PERSONNEL MANAGEMENT	1	14.0			
REAL ESTATE	5	18.8			
SML BUSINESS MGMT/OWNRSHIP	8	21.3			
TRADE & INDUSTRIAL MGMT	0	0.0			
TRANSPORTATION MANAGEMENT	1	18.0			
BUSINESS & MGMT, GEN	235	20.9			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	(51)	(20.8)	ENGINEERING	(135)	(24.2)
COMPUTER PROGRAMMING	11	19.5	AEROSPACE ENGINEERING	18	22.8
COMPUTER SCIENCE	10	22.7	AGRICULTURAL ENGINEERING	1	29.0
DATA PROCESSING	1	17.0	ARCHITECTURAL ENGINEERING	1	34.0
INFO SCIENCES & SYSTEMS	4	22.3	BIOENGINEER & BIOMED ENG	13	28.4
MATH/COMPUTER SCIENCE	1	24.0	CERAMIC ENGINEERING	0	0.0
COMPUTER & INFO SCI, GEN	24	20.4	CHEMICAL ENGINEERING	10	24.5
CROSS-DISC STUDIES	(6)	(23.3)	CIVIL ENGINEERING	9	26.0
AREA & ETHNIC STUDIES	0	0.0	COMPUTER ENGINEERING	5	21.2
LIBERAL ARTS/GEN STUDIES	2	28.5	CONSTRUCTION ENG/MGMT	0	0.0
MULTI-/INTERDISC STUDIES	1	28.0	ELECTRCL & ELECTRONIC ENG	2	23.0
CROSS-DISC STUDIES, GEN	3	18.3	ENGINEERING MANAGEMENT	0	0.0
EDUCATION	(274)	(19.3)	ENGINEERING PHYSICS	2	23.5
ADULT & CONTINUING EDUC	0	0.0	ENGINEERING SCIENCE	0	0.0
EDUCATION ADMINISTRATION	3	19.7	ENVIRONMENTAL HEALTH ENG	0	0.0
ELEMENTARY EDUCATION	88	19.2	GEOLOGICAL & GEOPHYS ENG	0	0.0
JR HIGH/MIDDLE SCH EDUC	12	18.1	INDUSTRIAL ENGINEERING	1	21.0
PRE-ELEMENTARY EDUCATION	26	18.0	MATERIALS ENGINEERING	1	33.0
SECONDARY EDUCATION	22	20.2	MECHANICAL ENGINEERING	14	23.5
STUDENT COUNSELING	1	19.0	METALLURGICAL ENGINEERING	0	0.0
TEACHER AIDE	0	0.0	MINING & MINERAL ENG	0	0.0
EDUCATION, GENERAL	122	19.6	NAVAL ARCHIT & MARINE ENG	0	0.0
TEACHER EDUCATION	(152)	(18.9)	NUCLEAR ENGINEERING	1	28.0
AGRICULTURAL EDUCATION	0	0.0	OCEAN ENGINEERING	0	0.0
ART EDUCATION	2	20.5	PETROLEUM ENGINEERING	0	0.0
BUSINESS EDUCATION	0	0.0	SYSTEMS ENGINEERING	0	0.0
ENGLISH EDUCATION	5	25.4	ENGINEERING, GENERAL	57	23.5
FOREIGN LANGUAGES EDUC	2	24.0	ENGINEERING-RELATED TECH	(93)	(22.6)
HEALTH EDUCATION	0	0.0	AERONAUTICAL TECHNOLOGY	9	22.8
HUMAN, FAM/CONS SCI EDUC	0	0.0	AC, HEATING, REFRIG TECH	0	0.0
INDUSTRIAL ARTS EDUCATION	0	0.0	ARCHITECTURAL DESIGN TECH	2	22.5
MATHEMATICS EDUCATION	6	19.3	BIOMEDICAL EQUIPMENT TECH	1	19.0
MUSIC EDUCATION	4	20.3	CIVIL ENGINEERING TECH	4	21.3
PHYSICAL EDUCATION	19	17.5	COMPUTER ENGINEERING TECH	12	21.8
SCIENCE EDUCATION	2	21.0	CONSTRUCTION/BLDG TECH	0	0.0
SOC STUDIES/SOC SCI EDUC	4	21.5	DRAFTING & DESIGN TECH	1	24.0
SPECIAL EDUCATION	14	18.2	ELECTRICAL ENG TECHNOLOGY	2	17.5
SPEECH CORRECTION EDUC	2	21.0	ELECTRONIC ENG TECHNOLOGY	4	23.3
TEACHING ENGL AS 2ND LANG	1	26.0	ELECTROMECHAN INSTR TECH	0	0.0
TECH/TRADE & IND ED	0	0.0	ENVIRONMENTAL CONTRL TECH	0	0.0
TEACHER EDUCATION, OTHER	3	17.0	INDUSTRIL PRODUCTION TECH	1	17.0
TEACHER EDUCATION, GEN	88	18.4			

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	(17)	(19.3)
MANUFACTURING TECHNOLOGY	0	0.0	CHILD DEV, CARE, GUIDANCE	1	25.0
MECHANICAL ENG TECH	9	20.2	CHILD CARE AIDE/ASSISTING	0	0.0
MINING & PETROLEUM TECH	0	0.0	CULINARY ARTS	3	15.7
OCCUPATL SFTY & HLTH TECH	0	0.0	FAMILY/CONS RESOURCE MGMT	0	0.0
SURVEYING & MAPPING TECH	0	0.0	FASHION DESIGN	5	18.0
ENGINEERING TECH, OTHER	2	22.0	FOOD PRODUCTN, MGMT, SVCS	0	0.0
ENGINEER-RELATD TECH, GEN	46	23.8	FOOD SCI & NUTR/DIETETICS	1	21.0
			HUMAN ENVIRON & HOUSING	0	0.0
FOREIGN LANGUAGES	(27)	(26.5)	INDIVIDUAL & FAMILY DEVEL	1	18.0
ASIATIC LANGUAGES	2	24.0	TEXTILES AND CLOTHING	0	0.0
CLASSICAL LANGUAGES	2	30.0	HUMAN, FAM/CONS SCI, GEN	6	21.2
FRENCH	2	27.0			
GERMAN	1	24.0	LETTERS	(34)	(25.5)
ITALIAN	0	0.0	CLASSICS	0	0.0
MIDDLE EASTERN LANGUAGES	0	0.0	COMPARATIVE LITERATURE	0	0.0
RUSSIAN	0	0.0	CREATIVE WRITING	15	25.7
SPANISH	3	22.3	ENGLISH, GENERAL	9	24.1
FOREIGN LANGUAGES, OTHER	1	23.0	LINGUISTICS	1	25.0
FOREIGN LANGUAGES, GEN	16	27.5	LITERATURE, ENGLISH/AMER	6	27.2
			SPEECH & RHETORICAL STUDY	0	0.0
HEALTH SCI & ALLIED HLTH	(582)	(20.6)	LETTERS, GENERAL	3	25.0
CHIROPRACTIC	3	23.3			
DENTAL ASSISTING	0	0.0	MATHEMATICS	(24)	(22.8)
DENTAL HYGIENE	3	18.0	ACTUARIAL SCIENCES	0	0.0
DENTAL LAB/TECHNOLOGY	0	0.0	APPLIED MATHEMATICS	2	20.0
DENTISTRY	13	19.8	STATISTICS	2	24.0
EMERG MED TECH/PARAMEDIC	2	15.0	MATHEMATICS, GENERAL	20	23.0
HEALTH CARE ADMIN	3	16.0			
MEDICAL/SURG ASSISTING	1	21.0	PHILOS, RELIG & THEOLOGY	(16)	(20.6)
MEDICAL LAB/TECHNOLOGY	0	0.0	BIBLE STUDIES	0	0.0
MED RECORDS ADMIN/TECH	2	20.5	PHILOSOPHY	1	29.0
MEDICINE	122	22.3	RELIGION	1	18.0
MNTL HLTH & HUM SVCS/TECH	2	17.5	RELIGIOUS EDUCATION	0	0.0
NUCLEAR MEDICINE TECH	1	18.0	RELIGIOUS MUSIC	0	0.0
NURSING (PRACTICAL)	13	19.4	THEOLOGY	1	29.0
NURSING (REGISTERED)	103	18.5	PHILOS, RELIG & THEOL, GEN	13	19.5
OCCUPATNL THERAPY/ASSIST	11	18.6			
OPTOMETRY	4	18.8			
PHARMACY	41	20.8			
PHYSICIAN ASSISTING	5	18.6			
PHYSICAL THERAPY/ASSIST	41	20.8			
RADIOLOGY/RADIOLOGIC TECH	3	18.7			
REC/ART/MUSIC THERAPY	1	16.0			
RESPIRATORY THERAPY/TECH	1	15.0			
SPEECH PATHOL/AUDIOLOGY	4	18.8			
VETERINARIAN ASSISTING	3	18.0			
VETERINARY MEDICINE	22	20.5			
HEALTH SCI & ALLIED, GEN	178	21.3			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL) (	329)	(23.3)	VISUAL/PERFORM ARTS	(210)	(20.6)
ASTRONOMY	3	26.0	APPLIED DESIGN/CRAFTS	0	0.0
ATMOSPHER SCI & METEOROL	4	18.5	ART	15	21.1
BIOCHEMISTRY & BIOPHYSICS	22	24.2	ART HIST & APPRECIATION	1	22.0
BIOLOGY	127	23.1	CINEMATOGRAPHY/FILM/VIDEO	16	21.6
BOTANY	1	20.0	DANCE	7	17.0
CHEMISTRY	18	21.8	DESIGN, GENERAL	6	18.3
EARTH SCIENCE	1	21.0	DRAMA/THEATRE ARTS	20	20.9
ECOLOGY/ENV STUDIES	7	22.7	FINE ARTS, GENERAL	5	20.0
GEOLOGY	2	29.5	GRAPHIC ARTS TECHNOLOGY	2	21.0
MICROBIOLOGY	3	24.7	GRAPHIC DESIGN	13	22.5
OCEANOGRAPHY	5	21.4	MUSIC (LIBERAL ARTS)	8	23.6
PHYSICS	11	26.3	MUSIC PERFORMANCE	20	21.1
ZOOLOGY	10	22.4	MUSIC THEORY & COMPOSIT	5	19.2
SCIENCES (BIO & PHYS), GEN	115	23.5	PHOTOGRAPHY	6	17.2
			VISUAL/PERFORM ARTS, GEN	86	20.3
SOCIAL SCIENCES (	409)	(22.2)	UNDECIDED	(480)	(21.5)
ANTHROPOLOGY	10	23.1			
ECONOMICS	0	0.0			
GEOGRAPHY	1	20.0			
HISTORY	29	23.1			
INTERNATIONAL RELATIONS	17	25.9			
LAW	56	21.3			
PARALEGAL/LEGAL ASSISTING	1	14.0			
POLITICAL SCI/GOVERNMENT	51	24.3			
PSYCHOLOGY	140	21.4			
SOCIOLOGY	10	20.1			
URBAN STUDIES	0	0.0			
SOCIAL SCIENCES, GENERAL	94	22.3			
TRADE & INDUSTRIAL (	14)	(18.3)			
AIRCRAFT TECHNICIAN	0	0.0			
AIRPLANE PILOTING & NAVIG	4	22.0			
AUTOMOTIVE BODY REPAIR	0	0.0			
AUTOMOTIVE TECHNOLOGY	1	16.0			
AVIATION MANAGEMENT	2	17.0			
COMPUTER ELECTRNCS/REPAIR	0	0.0			
CONSTRCT TRADES & CARPENT	0	0.0			
DIESEL MECHANICS & TECH	0	0.0			
DRAFTING	0	0.0			
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	7	16.9			

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)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
BUSINESS OPER (04-05)	3	19.3	1	18.0	2	20.0	1	18.0	2	20.0
TECHNICAL (06-07)	13	16.2	2	18.5	11	15.8	7	17.0	6	15.3
SCIENCE & TECH (08-09)	7	19.0	1	26.0	6	17.8	4	16.8	3	22.0
ARTS (10-11)	4	18.5	0	0.0	3	20.0	1	21.0	3	17.7
SOCIAL SERVICE (12-01)	3	13.7	2	14.0	1	13.0	1	13.0	2	14.0
OTHER*	15	15.1	3	19.7	11	13.5	8	14.1	7	16.3
TOTAL	45	16.5	9	18.7	34	16.0	22	16.0	23	17.1
<u>PLAN ON 4-YEARS OR MORE OF COLLEGE</u>										
ADMIN & SALES (02-03)	554	20.8	222	21.7	312	20.1	169	21.3	381	20.5
BUSINESS OPER (04-05)	283	20.9	99	21.9	174	20.3	128	20.6	153	21.2
TECHNICAL (06-07)	367	21.1	117	21.9	230	20.7	198	21.3	163	20.8
SCIENCE & TECH (08-09)	498	22.6	176	22.8	303	22.4	165	22.3	329	22.7
ARTS (10-11)	485	22.2	169	22.3	292	22.1	102	22.5	375	22.1
SOCIAL SERVICE (12-01)	621	21.0	242	21.4	350	20.7	140	21.6	475	20.8
OTHER*	1766	21.2	545	22.4	927	20.7	671	21.4	1072	21.2
TOTAL	4574	21.4	1570	22.1	2588	21.0	1573	21.5	2948	21.3

* 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	ENGLISH	MATH	SOCIAL STUDIES	NATURAL SCIENCE	HS	HS
						GPA AVG	GPA SD
MALE	1276	3.17	3.10	3.35	3.17	3.19	0.56
FEMALE	2473	3.37	3.19	3.45	3.26	3.31	0.50
NO RESPONSE	45	3.43	3.15	3.43	3.27	3.31	0.45
AFRICAN-AMERICAN/BLACK	585	2.96	2.79	3.11	2.92	2.94	0.54
CAUCASIAN-AMERICAN/WHITE	2237	3.36	3.22	3.47	3.30	3.33	0.49
OTHER MINORITY	567	3.36	3.23	3.47	3.25	3.31	0.50
MISSING/PREFER NO RESP	405	3.40	3.27	3.46	3.29	3.36	0.52
TOTAL	3794	3.30	3.16	3.41	3.23	3.27	0.52

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 53, THIS MEANS THAT 53% 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 46 PERCENT OF STUDENTS SCORED BELOW 21.

TABLE 4 EXAMPLE

STD SCORE	ACT COMPOSITE	
	FREQ	CP
36	1	99
35	7	99
34	13	99
33	31	99
32	48	99
31	73	98
30	118	97
29	172	95
28	217	92
27	257	88
26	312	84
25	328	79
24	380	73
23	396	67
22	406	60
21	425	53 <-- 53% OF THE STUDENTS SCORE AT OR BELOW 21
20	473	46 <-- 46% OF THE STUDENTS SCORE BELOW 21
19	441	38
18	425	31
17	394	23
16	309	17
15	257	11
14	182	7
13	125	4
12	74	2
11	21	1
10	12	1
9	4	1
8	1	1
7	0	1
6	0	1
5	0	1
4	0	1
3	0	1
2	0	1
1	0	1

