ACT HIGH SCHOOL PROFILE REPORT
H S GRADUATING CLASS 2005

STATE COMPOSITE FOR
DELAWARE

CODE 080-000

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	199 104	60/ 31	20.6/18.8	21.1/19.9	21.3/20.5	21.1/19.7	21.1/19.8
2001-02	191 96	60/ 30	21.1/19.6	21.4/19.7	22.0/20.4	21.6/20.4	21.6/20.1
2002-03	234 125	59/ 32	20.7/19.1	20.7/19.8	21.7/20.2	21.0/20.3	21.1/19.9
2003-04	229 128	55/ 31	21.1/19.8	21.6/20.8	22.1/21.9	21.6/20.8	21.7/20.9
2004-05	196 132	52/ 35	20.9/19.5	21.1/19.8	22.3/20.4	21.2/20.0	21.5/20.1

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
2000-01	332	20.0	20.6	20.9	20.5	20.6
2001-02	317	20.8	21.0	21.8	21.2	21.3
2002-03	395	20.3	20.6	21.2	20.8	20.8
2003-04	415	20.7	21.4	22.0	21.3	21.5
2004-05	377	20.2	20.5	21.4	20.6	20.8

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
Q3 (75TH PERCENTILE)	24.2	24.3	26.4	23.5	24.8
Q2 (50TH PERCENTILE - MEDIAN)	20.0	19.2	20.5	20.5	20.3
Q1 (25TH PERCENTILE)	15.4	16.3	16.1	17.6	17.0

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= 44)	(N= 0)	(N= 120)	(N= 3)	(N= 8)	(N= 2)
ENGLISH	16.9	0.0	21.8	23.7	22.3	19.5
USAGE/MECH	8.2	0.0	11.1	12.7	10.9	10.0
RHET SKILLS	8.8	0.0	11.2	11.7	11.8	9.5
MATHEMATICS	18.0	0.0	21.7	21.3	24.4	17.5
PRE/ELEM-ALG	9.4	0.0	11.8	11.7	13.8	6.5
ALG/CRD-GEOM	8.9	0.0	11.0	11.0	12.3	10.5
PLANE GEOM/TRIG	8.3	0.0	10.6	10.0	12.1	9.5
READING	18.0	0.0	23.6	22.0	22.0	23.5
SOC STU/SCI	8.7	0.0	11.9	11.7	12.1	11.0
ARTS/LITERATURE	9.3	0.0	12.3	11.0	11.0	12.5
SCIENCE	18.5	0.0	21.8	20.3	22.5	20.5
COMPOSITE	18.0	0.0	22.4	22.0	23.0	20.0
LESS THAN CORE	(N= 46)	(N= 0)	(N= 67)	(N= 1)	(N= 5)	(N= 1)
ENGLISH	15.1	0.0	21.4	25.0	21.8	20.0
USAGE/MECH	6.9	0.0	10.9	14.0	10.8	9.0
RHET SKILLS	7.9	0.0	11.0	12.0	11.4	11.0
MATHEMATICS	16.4	0.0	21.1	23.0	25.8	22.0
PRE/ELEM-ALG	8.0	0.0	11.2	13.0	14.8	11.0
ALG/CRD-GEOM	8.1	0.0	10.2	12.0	12.6	12.0
PLANE GEOM/TRIG	7.7	0.0	10.4	10.0	12.2	12.0
READING	16.4	0.0	22.2	22.0	24.2	22.0
SOC STU/SCI	7.5	0.0	11.3	12.0	13.0	12.0
ARTS/LITERATURE	8.4	0.0	11.4	10.0	11.8	11.0
SCIENCE	16.8	0.0	21.3	23.0	24.6	22.0
COMPOSITE	16.3	0.0	21.6	23.0	24.4	22.0
NO RESPONSE	(N= 7)	(N= 0)	(N= 27)	(N= 1)	(N= 2)	(N= 0)

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= 97)	(N= 0)	(N= 214)	(N= 5)	(N= 15)	(N= 3)
ENGLISH	15.8	0.0	21.5	25.8	21.5	19.7
USAGE/MECH	7.4	0.0	10.9	13.8	10.8	9.7
RHET SKILLS	8.3	0.0	11.1	12.6	11.1	10.0
MATHEMATICS	17.1	0.0	21.4	22.8	23.9	19.0
PRE/ELEM-ALG	8.7	0.0	11.5	12.4	13.6	8.0
ALG/CRD-GEOM	8.4	0.0	10.7	11.8	11.7	11.0
PLANE GEOM/TRIG	8.0	0.0	10.5	10.6	11.7	10.3
READING	17.1	0.0	22.8	24.4	22.3	23.0
SOC STU/SCI	8.1	0.0	11.5	12.8	12.1	11.3
ARTS/LITERATURE	8.7	0.0	11.8	12.2	10.9	12.0
SCIENCE	17.4	0.0	21.5	22.4	23.0	21.0
COMPOSITE	17.0	0.0	21.9	24.0	22.9	20.7

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

	AFRI-AM/ BLACK		AM IND, ALSK NTV		CAUC-AM/ WHITE		MEX-AM/ CHICANO		ASIAN-AM, PAC ISLDR		P RICAN, HISPANIC	
	NUMBER	AVG	NUMBER	AVG	NUMBER	AVG	NUMBER	AVG	NUMBER	AVG	NUMBER	AVG
HIGH SCHOOL AVERAGE												
3.50 - 4.00	15	21.7	0	0.0	81	23.9	2	25.5	6	23.2	0	0.0
3.00 - 3.49	18	18.7	0	0.0	50	21.1	2	19.0	4	23.8	0	0.0
2.50 - 2.99	21	15.6	0	0.0	14	21.1	0	0.0	2	21.5	1	25.0
2.00 - 2.49	14	14.7	0	0.0	10	18.1	0	0.0	0	0.0	0	0.0
1.99 & BELOW	5	13.2	0	0.0	1	18.0	0	0.0	0	0.0	0	0.0
CGPA PRED BY STUDENT												
3.5 - 4.0	19	22.4	0	0.0	66	23.8	2	29.5	8	24.4	1	22.0
3.0 - 3.4	25	17.5	0	0.0	81	21.5	3	20.3	5	22.0	1	25.0
2.5 - 2.9	27	15.1	0	0.0	30	19.4	0	0.0	1	22.0	1	15.0
2.0 - 2.4	15	13.2	0	0.0	5	18.4	0	0.0	0	0.0	0	0.0
1.9 & BELOW	0	0.0	0	0.0	2	17.5	0	0.0	0	0.0	0	0.0
HIGH SCHOOL RANK												
TOP QUARTER	20	20.5	0	0.0	89	23.3	3	22.3	6	24.3	2	23.5
2ND QUARTER	29	16.9	0	0.0	48	20.0	0	0.0	3	23.3	0	0.0
BOTTOM HALF	26	14.5	0	0.0	19	19.1	1	22.0	1	21.0	1	15.0

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	MALE	54	14	24	6	12	3	1	0
INSTRUCTION	FEMALE	105	28	57	15	16	4	1	0
	TOTAL	161	43	82	22	29	8	3	1
NO. & VARIETY	MALE	52	14	21	6	15	4	3	1
OF COURSE	FEMALE	106	28	35	9	35	9	3	1
OFFERINGS	TOTAL	160	42	57	15	51	14	7	2
GRADING	MALE	44	12	27	7	18	5	2	1
PRACTICES &	FEMALE	100	27	47	12	30	8	2	1
POLICIES	TOTAL	147	39	75	20	48	13	5	1
NO. & KINDS	MALE	42	11	33	9	11	3	5	1
OF TESTS	FEMALE	93	25	62	16	22	6	2	1
GIVEN	TOTAL	138	37	96	25	33	9	8	2
GUIDANCE SERV	MALE	47	12	19	5	22	6	3	1
PROVIDED BY	FEMALE	98	26	33	9	44	12	3	1
GUIDANCE OFFICE	TOTAL	147	39	52	14	68	18	7	2
SCHOOL RULES,	MALE	42	11	25	7	21	6	3	1
REGULATIONS,	FEMALE	82	22	53	14	40	11	3	1
& POLICIES	TOTAL	127	34	79	21	61	16	7	2
LIBRARY OR	MALE	41	11	26	7	21	6	3	1
LEARNING	FEMALE	96	25	45	12	35	9	3	1
CENTER	TOTAL	139	37	72	19	57	15	7	2
LABORATORY	MALE	39	10	30	8	18	5	4	1
FACILITIES	FEMALE	94	25	45	12	33	9	6	2
	TOTAL	135	36	77	20	51	14	11	3
PROVISIONS FOR	MALE	41	11	25	7	6	2	19	5
SPECIAL HELP IN	FEMALE	79	21	44	12	15	4	40	11
READING,MATH,ETC	TOTAL	122	32	69	18	22	6	61	16
PROVISIONS FOR	MALE	56	15	19	5	11	3	5	1
ACADEMICALLY	FEMALE	121	32	26	7	22	6	10	3
OUTSTANDING STU	TOTAL	180	48	45	12	33	9	17	5
ADEQUACY OF PROG	MALE	43	11	27	7	18	5	3	1
IN CAREER EDUC	FEMALE	85	23	37	10	37	10	16	4
& PLANNING	TOTAL	130	34	65	17	56	15	20	5

NUMBER OF STUDENTS - 377

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 377)

STD SCORE	ACT ENGLISH FREQ	CP	ACT MATHEMATICS FREQ	CP	ACT READING FREQ	CP	ACT SCIENCE FREQ	CP	ACT COMPOSITE FREQ	CP
36	0	99	1	99	3	99	1	99	1	99
35	0	99	0	99	4	99	1	99	0	99
34	4	99	3	99	4	98	1	99	0	99
33	7	99	0	99	12	97	2	99	1	99
32	5	97	0	99	10	94	2	99	2	99
31	7	96	7	99	6	91	2	98	6	99
30	8	94	7	97	11	90	1	98	7	97
29	12	92	19	95	13	87	8	97	12	95
28	7	89	13	90	12	83	9	95	14	92
27	9	87	19	87	18	80	9	93	19	89
26	16	84	10	82	9	75	20	90	15	84
25	14	80	11	79	14	73	13	85	25	80
24	17	76	23	76	20	69	25	82	14	73
23	15	72	17	70	15	64	26	75	10	69
22	27	68	11	66	24	60	32	68	34	67
21	28	61	20	63	12	54	35	60	25	58
20	26	53	20	57	34	50	35	50	22	51
19	30	46	22	52	16	41	30	41	30	45
18	26	38	27	46	13	37	36	33	32	37
17	12	32	41	39	19	34	24	24	29	29
16	9	28	48	28	32	29	17	17	22	21
15	30	26	32	15	16	20	16	13	20	15
14	19	18	14	7	19	16	8	8	19	10
13	19	13	6	3	15	11	7	6	6	5
12	4	8	3	2	15	7	7	5	4	3
11	7	7	2	1	6	3	5	3	7	2
10	3	5	1	1	3	1	1	1	0	1
9	3	4	0	1	2	1	3	1	1	1
8	7	3	0	1	0	1	1	1	0	1
7	4	2	0	1	0	1	0	1	0	1
6	2	1	0	1	0	1	0	1	0	1
5	0	1	0	1	0	1	0	1	0	1
4	0	1	0	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	11	3	4	1	23	6	5	1	2	1
28-32	39	10	46	12	52	14	22	6	41	11
24-27	56	15	63	17	61	16	67	18	73	19
20-23	96	25	68	18	85	23	128	34	91	24
16-19	77	20	138	37	80	21	107	28	113	30
13-15	68	18	52	14	50	13	31	8	45	12
01-12	30	8	6	2	26	7	17	5	12	3
AVG(SD)	20.2(6.1)		20.5(5.2)		21.4(6.4)		20.6(4.7)		20.8(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 = 377)

STD SCORE	USAGE/MECH FREQ	USAGE/MECH CP	RHET SKILLS FREQ	RHET SKILLS CP	SOC STU/SCI FREQ	SOC STU/SCI CP	ARTS/LIT FREQ	ARTS/LIT CP	STD SCORE
18	7	99	1	99	8	99	22	99	18
17	16	98	7	99	20	98	20	94	17
16	19	94	15	98	17	93	25	89	16
15	18	89	21	94	29	88	24	82	15
14	20	84	18	88	25	80	8	76	14
13	23	79	36	84	24	74	23	74	13
12	24	73	38	74	34	67	55	68	12
11	36	66	50	64	27	58	31	53	11
10	43	57	43	51	38	51	25	45	10
9	29	45	44	39	46	41	26	38	9
8	37	38	37	28	35	29	44	31	8
7	30	28	29	18	21	20	29	20	7
6	36	20	12	10	16	14	13	12	6
5	18	10	14	7	10	10	25	8	5
4	11	6	7	3	11	7	3	2	4
3	7	3	3	1	11	4	3	1	3
2	2	1	2	1	2	1	1	1	2
1	1	1	0	1	3	1	0	1	1
AVERAGE	10.1		10.4		10.6		11.1		
S.D.	3.8		3.2		3.9		3.9		

STD SCORE	PRE/ELEM ALG FREQ	PRE/ELEM ALG CP	ALG/CRD-GEOM FREQ	ALG/CRD-GEOM CP	PLN GEOM/TRIG FREQ	PLN GEOM/TRIG CP	STD SCORE
18	11	99	2	99	1	99	18
17	15	97	1	99	2	99	17
16	25	93	15	99	6	99	16
15	19	86	13	95	23	98	15
14	29	81	28	92	24	92	14
13	33	74	24	84	28	85	13
12	20	65	50	78	47	78	12
11	41	60	32	65	17	65	11
10	31	49	52	56	68	61	10
9	29	41	57	42	37	43	9
8	48	33	32	27	46	33	8
7	44	20	29	19	33	21	7
6	21	8	19	11	15	12	6
5	7	3	8	6	6	8	5
4	2	1	6	4	19	6	4
3	0	1	8	2	2	1	3
2	2	1	0	1	2	1	2
1	0	1	1	1	1	1	1
AVERAGE	10.9		10.2		10.0		
S.D.	3.5		3.1		3.1		

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 AVERAGE	ENGLISH SD	MATH AVERAGE	MATH SD	READING AVERAGE	READING SD	SCIENCE AVERAGE	SCIENCE SD	COMPOSITE AVERAGE	COMPOSITE SD
MALES	133	19.4	6.5	21.0	5.6	21.1	6.6	20.9	5.2	20.7	5.5
FEMALES	239	20.7	5.8	20.3	5.0	21.5	6.3	20.4	4.4	20.9	4.8
NO RESPONSE	5	19.0	7.8	17.6	2.0	20.0	7.3	19.2	1.9	19.0	4.1

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

SCORE RANGE	ENGLISH M	ENGLISH F	MATH M	MATH F	READING M	READING F	SCIENCE M	SCIENCE F	COMPOSITE M	COMPOSITE F
33-36	2	3	1	1	7	5	2	1	1	0
28-32	11	10	15	11	12	15	7	5	12	10
24-27	11	17	22	14	17	16	20	17	20	19
20-23	23	27	16	19	20	24	32	35	21	26
16-19	24	18	28	41	20	22	25	29	26	31
13-15	16	18	17	12	16	12	9	8	14	11
01-12	13	5	2	1	9	6	5	4	6	2

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

EXPRESSED ADEQUACY	TOTAL NUMBER	TOTAL PCT	AVG ACT COMP	BUS-COMM NUMBER	BUS-COMM PCT	VOC-OCC NUMBER	VOC-OCC PCT	COL PREP NUMBER	COL PREP PCT	OTHER-GEN NUMBER	OTHER-GEN PCT
EXCELLENT	73	26	23.4	0	0	1	6	66	31	6	14
GOOD	112	39	20.6	2	22	11	61	84	39	15	35
AVERAGE	50	17	18.7	3	33	2	11	37	17	8	19
BELOW AVERAGE	12	4	18.6	1	11	0	0	6	3	5	12
VERY INADEQUATE	13	5	18.8	3	33	3	17	5	2	2	5
NO RESPONSE	26	9	21.7	0	0	1	6	18	8	7	16
NO. OF STUDENTS	286			9		18		216		43	

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

GROUP	NUMBER OF STUDENTS	ENGLISH AVG	ENGLISH SD	MATH AVG	MATH SD	READING AVG	READING SD	SCIENCE AVG	SCIENCE SD	COMPOSITE AVG	COMPOSITE SD
ALL GRADUATES	377	20.2	6.1	20.5	5.2	21.4	6.4	20.6	4.7	20.8	5.0
COLLEGE CORE											
E4, M3, SS3, NS3	196	20.9	5.9	21.1	5.0	22.3	6.2	21.2	4.4	21.5	4.8
In between	75	19.6	6.6	20.0	5.6	20.5	6.9	20.1	5.0	20.3	5.5
E4, M2, SS2, NS2	57	19.3	5.7	19.5	5.0	20.1	6.2	19.9	4.5	19.8	4.8
No Response	49	19.3	6.2	19.8	5.3	20.4	6.1	19.9	4.9	20.0	5.0
HS GPA RANGES											
3.50 - 4.00	120	23.8	5.6	23.9	5.0	24.4	6.0	23.2	4.3	24.0	4.6
3.00 - 3.49	78	20.2	4.8	20.3	4.1	21.3	6.0	20.5	3.9	20.7	4.0
2.50 - 2.99	44	17.4	5.0	17.4	3.4	19.4	6.1	18.6	3.5	18.3	3.8
2.00 - 2.49	26	15.3	4.8	16.2	3.1	16.5	5.0	17.2	3.9	16.5	3.5
1.99 & below	6	14.2	5.1	15.5	3.0	12.8	3.5	13.3	4.0	14.0	3.2

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	27	7	3.39	20.9	21.0
ENG 9, ENG 10, ENG 11, ENG 12	265	70	3.31	20.4	21.1
LESS THAN 4 YEARS OF ENGLISH	34	9	3.27	19.7	20.0
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	51	14	-.--	19.2	19.9

MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	22	6	3.62	26.0	25.2
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	21	6	3.13	21.6	21.7
ALG 1, ALG 2, GEOM, TRIG	31	8	3.13	19.6	20.4
ALG 1, ALG 2, GEOM, OTHER ADV MATH	48	13	2.95	19.5	20.3
ALG 1, ALG 2, GEOM	46	12	2.88	16.3	16.7
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	82	22	3.45	23.2	23.3
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	26	7	3.29	21.7	21.8
LESS THAN 3 YEARS OF MATH	46	12	2.75	18.8	19.3
NO MATH COURSE/GRADE INFORMATION REPORTED	55	15	-.--	19.6	19.8

SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	17	5	3.52	18.2	18.6
US HIST, WORLD HIST, AM GOVT	29	8	3.52	23.4	22.0
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	92	24	3.34	20.9	20.4
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	110	29	3.29	22.2	21.4
LESS THAN 3 YEARS OF SOC SCI	73	19	3.29	21.1	21.1
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	56	15	-.--	20.7	20.0

NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	153	41	3.35	21.6	21.9
BIOLOGY, CHEMISTRY, PHYSICS	19	5	3.54	24.4	26.1
GEN SCIENCE, BIOLOGY, CHEMISTRY	102	27	3.16	19.7	19.8
OTHER COMBINATIONS OF 3 YEARS NAT SCI	6	2	2.80	18.2	17.8
LESS THAN 3 YEARS OF NAT SCI	40	11	3.05	19.2	18.9
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	57	15	-.--	19.6	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	10	8	3.36	18.5	19.6
ENG 9, ENG 10, ENG 11, ENG 12	88	66	3.17	19.9	21.3
LESS THAN 4 YEARS OF ENGLISH	12	9	3.35	18.8	19.9
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	23	17	-.--	18.0	19.7

MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	6	5	3.75	26.2	25.5
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	7	5	2.68	22.4	22.6
ALG 1, ALG 2, GEOM, TRIG	12	9	3.09	21.3	20.4
ALG 1, ALG 2, GEOM, OTHER ADV MATH	16	12	2.59	20.9	21.6
ALG 1, ALG 2, GEOM	13	10	2.83	16.5	16.0
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	31	23	3.28	22.9	22.5
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	7	5	3.17	20.4	20.0
LESS THAN 3 YEARS OF MATH	18	14	2.91	19.8	19.9
NO MATH COURSE/GRADE INFORMATION REPORTED	23	17	-.--	20.3	19.7

SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	9	7	3.36	17.3	17.4
US HIST, WORLD HIST, AM GOVT	10	8	3.22	19.6	19.5
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	35	26	3.44	21.5	20.7
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	37	28	3.32	22.2	21.9
LESS THAN 3 YEARS OF SOC SCI	18	14	3.25	21.9	22.1
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	24	18	-.--	20.2	19.7

NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	61	46	3.34	22.2	22.0
BIOLOGY, CHEMISTRY, PHYSICS	8	6	3.42	23.6	25.6
GEN SCIENCE, BIOLOGY, CHEMISTRY	24	18	2.90	19.2	18.7
OTHER COMBINATIONS OF 3 YEARS NAT SCI	2	2	2.75	22.0	21.5
LESS THAN 3 YEARS OF NAT SCI	12	9	3.10	18.8	18.8
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	26	20	-.--	19.5	19.1

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	16	7	3.43	22.8	22.1
ENG 9, ENG 10, ENG 11, ENG 12	175	73	3.38	20.6	21.0
LESS THAN 4 YEARS OF ENGLISH	21	9	3.18	20.2	20.1
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	27	11	-.--	20.6	20.3

MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	16	7	3.57	25.9	25.1
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	13	5	3.39	21.2	21.5
ALG 1, ALG 2, GEOM, TRIG	18	8	3.18	18.6	20.1
ALG 1, ALG 2, GEOM, OTHER ADV MATH	32	13	3.11	18.8	19.7
ALG 1, ALG 2, GEOM	32	13	2.88	16.2	17.0
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	51	21	3.55	23.3	23.7
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	19	8	3.34	22.2	22.5
LESS THAN 3 YEARS OF MATH	27	11	2.66	18.2	19.1
NO MATH COURSE/GRADE INFORMATION REPORTED	31	13	-.--	19.3	20.1

SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	8	3	3.70	19.1	19.9
US HIST, WORLD HIST, AM GOVT	19	8	3.68	25.4	23.3
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	57	24	3.28	20.5	20.2
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	69	29	3.28	22.3	21.2
LESS THAN 3 YEARS OF SOC SCI	55	23	3.30	20.8	20.7
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	31	13	-.--	21.3	20.4

NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	92	38	3.35	21.2	21.8
BIOLOGY, CHEMISTRY, PHYSICS	11	5	3.62	24.9	26.4
GEN SCIENCE, BIOLOGY, CHEMISTRY	74	31	3.24	19.9	20.2
OTHER COMBINATIONS OF 3 YEARS NAT SCI	4	2	2.83	16.3	16.0
LESS THAN 3 YEARS OF NAT SCI	28	12	3.03	19.3	19.0
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	30	13	-.--	19.7	20.2

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 (PERCENT)	CERTAINTY FAIRLY (PERCENT)	EDUC MAJOR (PERCENT)	1ST VOC (PERCENT)	EDUC MAJOR (PERCENT)	1ST VOC (PERCENT)	EDUC MAJOR (PERCENT)	1ST VOC (PERCENT)
AGRICULTURE SCIENCE/TECH	7	19.6	86	14	3	4	2	2	3	3
ARCH & ENVIR DESIGN	5	22.0	40	60	2	4	2	3	2	3
BUSINESS & MGMT	34	20.0	47	44	18	18	9	11	13	13
BUSINESS & OFFICE	4	15.3	25	75	1	1	2	1	1	1
MARKETING & DISTRIBUTION	2	16.5	50	50	1	0	1	1	1	0
COMMUNICATION & COMM TEC	13	21.5	38	62	1	0	7	8	5	5
COMMUNITY & PRSNL SVCS	8	19.6	38	63	5	7	2	2	3	4
COMPUTER & INFO SCI	10	21.0	30	60	7	6	2	1	4	2
CROSS-DISC STUDIES	1	29.0	100	0	1	0	0	0	0	0
EDUCATION	12	18.6	83	17	1	2	6	8	4	6
TEACHER EDUCATION	13	18.1	46	38	4	5	5	5	5	5
ENGINEERING	12	23.6	58	17	9	8	2	1	4	4
ENGINEERING-RELATED TECH	5	21.2	20	80	3	4	1	1	2	2
FOREIGN LANGUAGES	0	0.0	0	0	0	0	0	0	0	0
HEALTH SCI & ALLIED HLTH	43	21.9	65	33	7	13	21	23	16	19
HUMAN, FAMILY/CONS SCI	2	17.5	50	50	0	0	1	1	1	0
LETTERS	1	30.0	0	100	0	0	1	1	0	0
MATHEMATICS	0	0.0	0	0	0	0	0	0	0	0
PHILOS, RELIG & THEOL	3	18.3	67	33	2	1	1	1	1	1
SCI (BIOL & PHYSICAL)	28	23.4	43	57	7	4	12	9	10	8
SOCIAL SCIENCES	31	22.2	55	39	14	12	9	9	11	10
TRADE & INDUSTRIAL	0	0.0	0	0	0	1	0	0	0	0
VISUAL & PERFORM ARTS	14	21.4	57	43	6	7	5	4	5	5
UNDECIDED	24	18.4	8	13	6	5	11	9	9	7
NO RESPONSE	105									

NUMBER OF STUDENTS - 377

TABLE 11 SUMMARY OF RESPONSES TO VARIOUS DEMOGRAPHIC ITEMS

	NUMBER OF STUDENTS	AVERAGE ACT COMP	PCT
HS CURRICULUM OR PROG			
BUS COMM/VOC-OCCUP	27	17.8	7
COLL PREP	216	21.7	57
OTHER/GENERAL/NO RESP	134	19.9	36
REQUEST ASSISTANCE WITH			
ED/OCCUP PLANS	103	21.6	27
EXPR IDEAS IN WRITING	73	19.9	19
READING/COMPREHENSION	87	19.4	23
STUDY SKILLS	129	18.8	34
MATH SKILLS	117	18.0	31
PERSONAL CONCERNS	28	19.8	7
EXPRESSED FIN NEED			
NEED FINANCIAL AID	280	20.5	74
NEED TO FIND WORK	221	20.4	59
SPECIAL COLLEGE PROG			
INDEP STUDY	134	22.2	36
HONORS COURSES	129	23.3	34
ADV PLACEMENT IN COLL			
ENGLISH	108	22.8	29
MATH	99	24.3	26
SOCIAL STUDIES	103	22.8	27
NATURAL SCIENCE	92	23.1	24
FOREIGN LANG	69	22.9	18
MAX YEARLY COLL TUITION			
$1000 & UNDER	4	17.5	1
$1001 - $2000	7	17.6	2
$2001 - $4000	13	16.8	3
$4001 - $7500	34	18.5	9
$7501 & OVER	25	20.3	7
NO PREFERENCE	187	21.5	50
NO RESPONSE	107	21.3	28
MOST RECENTLY TESTED			
SOPHOMORE	3	22.7	1
JUNIOR	67	22.6	18
SENIOR	301	20.4	80
OTHER/NO RESPONSE	6	21.0	2
COLLEGE CORE PREPARATION			
CORE OR MORE	196	21.5	52
LESS THAN CORE	132	20.1	35
NO RESPONSE	49	20.0	13

	NUMBER OF STUDENTS	AVERAGE ACT COMP	PCT
RACIAL/ETHNIC BACKGROUND			
AFRICAN-AMER/BLACK	97	17.0	26
AM INDIAN,ALASKAN NTV	0	0.0	0
CAUCASIAN-AMER/WHITE	214	21.9	57
MEXICAN-AMER/CHICANO	5	24.0	1
ASIAN-AMER,PACIFIC ISL	15	22.9	4
PUERTO RICAN,HISPANIC	3	20.7	1
OTHER	10	21.7	3
MULTIRACIAL	4	20.8	1
PREFER NOT TO RESPOND	9	23.6	2
NO RESPONSE	20	23.3	5
ESTIMATED FAMILY INCOME			
LESS THAN $18,000	19	16.8	5
ABOUT $18,000-$24,000	11	19.6	3
ABOUT $24,000-$30,000	20	17.6	5
ABOUT $30,000-$36,000	25	19.3	7
ABOUT $36,000-$42,000	20	21.3	5
ABOUT $42,000-$50,000	17	19.1	5
ABOUT $50,000-$60,000	23	19.6	6
ABOUT $60,000-$80,000	38	21.9	10
ABOUT $80,000-$100,000	33	21.2	9
MORE THAN $100,000	42	23.9	11
NO RESPONSE	129	21.3	34
HS CLASS RANK			
TOP QTR	137	23.3	36
2ND QTR	85	19.2	23
3RD QTR	45	17.4	12
4TH QTR	8	14.8	2
NO RESPONSE	102	20.9	27
EDUC DEG ASPIRATION			
VOC-TECH	1	11.0	0
2YR COL DEGREE	3	13.3	1
BACHELORS DEGREE	104	19.3	28
GRAD STUDY	88	22.0	23
PROF LEVEL DEGREE	116	22.0	31
OTHER	9	16.6	2
NO RESPONSE	56	20.6	15
NUMBER OF STUDENTS			
HOME SCHOOLED	4	23.0	1
EARNED A GED	0	0.0	0
ALL STUDENTS	377	20.8	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
0634	UNIV OF DELAWARE	DE	120	58	62	4	5	33	31	18	8	1
0630	DELAWARE STATE UNIV	DE	40	18	22	13	38	35	10	3	3	0
0636	WESLEY COLLEGE-DE	DE	18	4	14	22	28	22	28	0	0	0
1716	SALISBURY UNIVERSITY	MD	15	3	12	0	13	53	20	13	0	0
1722	MORGAN STATE UNIV	MD	15	4	11	0	40	40	20	0	0	0
3724	TEMPLE UNIVERSITY	PA	15	4	11	13	27	33	20	0	7	0
3732	UNIV OF PENNSYLVANIA	PA	15	6	9	0	0	13	7	47	33	0
9999	NCAA CLEARINGHOUSE	IA	14	9	5	7	36	21	21	7	7	0
3656	PENN ST-UNIV PARK	PA	13	2	11	0	0	31	23	31	15	0
3750	WEST CHESTER U OF PA	PA	13	0	13	0	8	54	38	0	0	0
0633	DE TECH & CC-STANTON	DE	11	3	8	9	27	45	9	9	0	0
1754	WASHINGTON COLLEGE	MD	11	5	6	0	0	36	27	27	9	0
0674	HOWARD UNIVERSITY	DC	10	5	5	0	20	40	30	10	0	0
1704	JOHNS HOPKINS UNIV	MD	10	1	9	0	10	10	20	20	40	0
1746	U OF MARYLAND C PARK	MD	10	0	10	0	0	10	60	30	0	0
1752	U OF MARYLAND EASTRN	MD	10	2	8	0	20	70	10	0	0	0
3556	DREXEL UNIVERSITY	PA	10	2	8	10	10	40	30	0	10	0
4540	WEST VIRGINIA UNIV	WV	10	2	8	10	0	50	20	20	0	0
0632	GOLDEY BEACOM COLL	DE	9	3	6	22	22	44	11	0	0	0
0635	WILMINGTON COLL-DE	DE	9	1	8	11	22	33	22	11	0	0
2838	NEW YORK UNIVERSITY	NY	9	0	9	0	11	0	33	33	22	0
3088	DUKE UNIVERSITY	NC	9	6	3	0	11	11	11	44	22	0
4358	HAMPTON UNIV	VA	9	2	7	0	33	33	33	0	0	0
0637	DE TECH & CC-TERRY	DE	8	4	4	0	50	25	25	0	0	0
1718	TOWSON UNIVERSITY	MD	8	1	7	0	25	25	25	25	0	0
3744	VILLANOVA UNIVERSITY	PA	8	4	4	0	0	13	25	25	38	0
3652	WIDENER UNIVERSITY	PA	7	0	7	29	0	29	29	14	0	0
4370	JAMES MADISON UNIV	VA	7	1	6	0	14	43	14	29	0	0
4410	UNIV OF RICHMOND	VA	7	1	6	0	14	29	14	29	0	14
0804	CLARK ATLANTA UNIV	GA	6	1	5	33	50	17	0	0	0	0
1794	BOSTON UNIVERSITY	MA	6	0	6	0	0	17	33	17	33	0
2726	CORNELL UNIVERSITY	NY	6	1	5	0	0	0	17	33	50	0
3162	UNC AT CHAPEL HILL	NC	6	2	4	0	0	33	17	33	17	0
3684	SAINT JOSEPH'S UNIV	PA	6	1	5	17	17	33	17	0	17	0
4266	BRIGHAM YOUNG UNIV	UT	6	6	0	0	0	0	17	33	50	0
	ALL OTHER INSTITUTIONS		515	121	394	3	11	28	24	23	11	0
	TOTALS		1001	283	718	4	13	30	24	19	10	0

TABLE 13 AVERAGE ACT SCORES BY STUDENT PLANNED EDUCATIONAL MAJORS

	NUMBER OF STUDENTS	AVERAGE ACT COMP
AGRICULTURE SCIENCE/TECH	(7)	(19.6)
AGRICULTURAL BUSINESS	0	0.0
AGRICULTURAL ECONOMICS	0	0.0
AGRICULTURAL MECHANICS	0	0.0
AGRI PRODUCTION/TECH	0	0.0
AGRONOMY	0	0.0
ANIMAL SCIENCES	6	20.5
FARM & RANCH MANAGEMENT	0	0.0
FISH, GAME, WILDLIFE MGMT	0	0.0
FOOD SCIENCES/ENGINEERING	0	0.0
FORESTRY & RELATED SCI	0	0.0
HORTICULTURE/ORNMNTL HORT	0	0.0
NATURAL RESOURCES MGMT	0	0.0
AGRICULTURE & AG TECH, GEN	1	14.0
ARCH & ENVIR DESIGN	(5)	(22.0)
ARCHITECTURAL DRAFTING	2	21.5
ARCHITECTURE	1	24.0
BLDG CON/CONSTRUCTION SCI	0	0.0
CITY, COMM & REG PLANNING	0	0.0
ENVIRONMENTAL DESIGN	0	0.0
INTERIOR DESIGN	1	18.0
LANDSCAPE ARCHITECTURE	0	0.0
ARCHI & ENVIR DESIGN, GEN	1	25.0
BUSINESS & MGMT	(34)	(20.0)
ACCOUNTING	6	20.5
BANKING & FINANCE	1	26.0
BUSINESS ADMIN & MGMT	5	21.6
BUSINESS ECONOMICS	0	0.0
CONTRACT MGMT & PURCHSING	0	0.0
HOTEL/RESTAURANT MGMT	2	18.0
HUMAN RESOURCE DEVEL/TRNG	0	0.0
INSTITUTIONAL MANAGEMENT	0	0.0
INSURANCE & RISK MGMT	0	0.0
INTERNATL BUSINESS/MGMT	0	0.0
LABOR/INDUSTRL RELATIONS	0	0.0
MANAGEMENT INFO SYSTEMS	0	0.0
MANAGEMENT SCIENCE	0	0.0
MARKETING MGMT & RESEARCH	2	15.5
ORGANIZATIONAL BEHAVIOR	0	0.0
PERSONNEL MANAGEMENT	0	0.0
REAL ESTATE	0	0.0
SML BUSINESS MGMT/OWNRSHP	1	17.0
TRADE & INDUSTRIAL MGMT	0	0.0
TRANSPORTATION MANAGEMENT	0	0.0
BUSINESS & MGMT, GEN	17	20.0
BUSINESS & OFFICE	(4)	(15.3)
BOOKKEEPING/ACCT TECH	1	16.0
BUSINESS DP/COMPUTER OPER	0	0.0
COURT REPORTING	0	0.0
OFFICE SUPERVISION & MGMT	0	0.0
SECRETARIAL	1	15.0
TYPING & GENERAL OFFICE	0	0.0
WORD PROCESSING	0	0.0
BUSINESS & OFFICE, GEN	2	15.0
MARKETING & DISTRIBUTION	(2)	(16.5)
FASHION MERCHANDISING	1	14.0
RETAILING & SALES	0	0.0
TRAVEL SERVICES & TOURISM	0	0.0
MARKETING & DISTRIB, GEN	1	19.0
COMMUNICATIONS & COMM TECH	(13)	(21.5)
ADVERTISING	0	0.0
GRAPHIC/COMMERCIAL ART	1	24.0
GRAPHIC & PRINT COMMUNIC	1	20.0
JOURNALISM	2	22.5
PHOTO/FILM/VIDEO TECH	1	24.0
PUBLIC RELATIONS	0	0.0
RADIO/TV BROADCASTING	1	20.0
RADIO/TV PRODUCTN & TECH	1	14.0
COMMUNIC & COMM TECH, GEN	6	22.2
COMMNTY & PRSNL SVCS	(8)	(19.6)
CORRECTIONS	0	0.0
COSMETOLOGY/HAIRSTYLING	0	0.0
CRIMINAL JUSTICE/CRIMINOL	5	21.6
FIRE PROTECTN/SAFETY TECH	1	17.0
FUNERAL SVCS/MORTUARY SCI	0	0.0
LAW ENFORCEMENT & ADMIN	0	0.0
LIBRARY SCI/LIB ASSISTING	0	0.0
MILITARY SCIENCE/TECH	0	0.0
PARKS & RECREATION	0	0.0
PUBLIC ADMINISTRATION	0	0.0
PUBLIC AFFAIRS	0	0.0
SOCIAL WORK	0	0.0
COMMNTY & PRSNL SVCS, GEN	2	16.0

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	(10)	(21.0)
COMPUTER PROGRAMMING	1	14.0
COMPUTER SCIENCE	5	25.6
DATA PROCESSING	1	14.0
INFO SCIENCES & SYSTEMS	0	0.0
MATH/COMPUTER SCIENCE	0	0.0
COMPUTER & INFO SCI, GEN	3	18.0
CROSS-DISC STUDIES	(1)	(29.0)
AREA & ETHNIC STUDIES	0	0.0
LIBERAL ARTS/GEN STUDIES	0	0.0
MULTI-/INTERDISC STUDIES	0	0.0
CROSS-DISC STUDIES, GEN	1	29.0
EDUCATION	(12)	(18.6)
ADULT & CONTINUING EDUC	0	0.0
EDUCATION ADMINISTRATION	0	0.0
ELEMENTARY EDUCATION	10	18.4
JR HIGH/MIDDLE SCH EDUC	0	0.0
PRE-ELEMENTARY EDUCATION	1	18.0
SECONDARY EDUCATION	1	21.0
STUDENT COUNSELING	0	0.0
TEACHER AIDE	0	0.0
EDUCATION, GENERAL	0	0.0
TEACHER EDUCATION	(13)	(18.1)
AGRICULTURAL EDUCATION	0	0.0
ART EDUCATION	0	0.0
BUSINESS EDUCATION	0	0.0
ENGLISH EDUCATION	1	29.0
FOREIGN LANGUAGES EDUC	0	0.0
HEALTH EDUCATION	0	0.0
HUMAN, FAM/CONS SCI EDUC	0	0.0
INDUSTRIAL ARTS EDUCATION	0	0.0
MATHEMATICS EDUCATION	0	0.0
MUSIC EDUCATION	2	16.5
PHYSICAL EDUCATION	2	15.0
SCIENCE EDUCATION	1	18.0
SOC STUDIES/SOC SCI EDUC	2	18.5
SPECIAL EDUCATION	1	16.0
SPEECH CORRECTION EDUC	0	0.0
TEACHING ENGL AS 2ND LANG	0	0.0
TECH/TRADE & IND ED	0	0.0
TEACHER EDUCATION, OTHER	0	0.0
TEACHER EDUCATION, GEN	4	18.0

	NUMBER OF STUDENTS	AVERAGE ACT COMP
ENGINEERING	(12)	(23.6)
AEROSPACE ENGINEERING	2	27.0
AGRICULTURAL ENGINEERING	0	0.0
ARCHITECTURAL ENGINEERING	1	16.0
BIOENGINEER & BIOMED ENG	1	19.0
CERAMIC ENGINEERING	0	0.0
CHEMICAL ENGINEERING	1	29.0
CIVIL ENGINEERING	0	0.0
COMPUTER ENGINEERING	0	0.0
CONSTRUCTION ENG/MGMT	0	0.0
ELECTRCL & ELECTRONIC ENG	2	18.0
ENGINEERING MANAGEMENT	0	0.0
ENGINEERING PHYSICS	0	0.0
ENGINEERING SCIENCE	0	0.0
ENVIRONMENTAL HEALTH ENG	0	0.0
GEOLOGICAL & GEOPHYS ENG	0	0.0
INDUSTRIAL ENGINEERING	0	0.0
MATERIALS ENGINEERING	0	0.0
MECHANICAL ENGINEERING	1	25.0
METALLURGICAL ENGINEERING	0	0.0
MINING & MINERAL ENG	0	0.0
NAVAL ARCHIT & MARINE ENG	0	0.0
NUCLEAR ENGINEERING	0	0.0
OCEAN ENGINEERING	0	0.0
PETROLEUM ENGINEERING	0	0.0
SYSTEMS ENGINEERING	0	0.0
ENGINEERING, GENERAL	4	26.0
ENGINEERING-RELATED TECH	(5)	(21.2)
AERONAUTICAL TECHNOLOGY	1	24.0
AC, HEATING, REFRIG TECH	0	0.0
ARCHITECTURAL DESIGN TECH	0	0.0
BIOMEDICAL EQUIPMENT TECH	0	0.0
CIVIL ENGINEERING TECH	0	0.0
COMPUTER ENGINEERING TECH	0	0.0
CONSTRUCTION/BLDG TECH	0	0.0
DRAFTING & DESIGN TECH	0	0.0
ELECTRICAL ENG TECHNOLOGY	0	0.0
ELECTRONIC ENG TECHNOLOGY	0	0.0
ELECTROMECHAN INSTR TECH	0	0.0
ENVIRONMENTAL CONTRL TECH	0	0.0
INDUSTRL PRODUCTION TECH	0	0.0

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP
LASER/FIBER-OPTIC TECH	0	0.0
MANUFACTURING TECHNOLOGY	0	0.0
MECHANICAL ENG TECH	1	18.0
MINING & PETROLEUM TECH	0	0.0
OCCUPATL SFTY & HLTH TECH	0	0.0
SURVEYING & MAPPING TECH	0	0.0
ENGINEERING TECH, OTHER	0	0.0
ENGINEER-RELATD TECH, GEN	3	21.3
FOREIGN LANGUAGES	(0)	(0.0)
ASIATIC LANGUAGES	0	0.0
CLASSICAL LANGUAGES	0	0.0
FRENCH	0	0.0
GERMAN	0	0.0
ITALIAN	0	0.0
MIDDLE EASTERN LANGUAGES	0	0.0
RUSSIAN	0	0.0
SPANISH	0	0.0
FOREIGN LANGUAGES, OTHER	0	0.0
FOREIGN LANGUAGES, GEN	0	0.0
HEALTH SCI & ALLIED HLTH	(43)	(21.9)
CHIROPRACTIC	0	0.0
DENTAL ASSISTING	0	0.0
DENTAL HYGIENE	1	15.0
DENTAL LAB/TECHNOLOGY	0	0.0
DENTISTRY	0	0.0
EMERG MED TECH/PARAMEDIC	0	0.0
HEALTH CARE ADMIN	0	0.0
MEDICAL/SURG ASSISTING	0	0.0
MEDICAL LAB/TECHNOLOGY	2	21.5
MED RECORDS ADMIN/TECH	0	0.0
MEDICINE	11	24.9
MNTL HLTH & HUM SVCS/TECH	0	0.0
NUCLEAR MEDICINE TECH	0	0.0
NURSING (PRACTICAL)	0	0.0
NURSING (REGISTERED)	11	18.9
OCCUPATNL THERAPY/ASSIST	0	0.0
OPTOMETRY	0	0.0
PHARMACY	2	22.0
PHYSICIAN ASSISTING	1	22.0
PHYSICAL THERAPY/ASSIST	3	21.0
RADIOLOGY/RADIOLOGIC TECH	0	0.0
REC/ART/MUSIC THERAPY	0	0.0
RESPIRATORY THERAPY/TECH	0	0.0
SPEECH PATHOL/AUDIOLOGY	0	0.0
VETERINARIAN ASSISTING	0	0.0
VETERINARY MEDICINE	1	25.0
HEALTH SCI & ALLIED, GEN	11	22.4
HUMAN, FAMILY/CONS SCI	(2)	(17.5)
CHILD DEV, CARE, GUIDANCE	1	15.0
CHILD CARE AIDE/ASSISTING	0	0.0
CULINARY ARTS	0	0.0
FAMILY/CONS RESOURCE MGMT	0	0.0
FASHION DESIGN	0	0.0
FOOD PRODUCTN, MGMT, SVCS	0	0.0
FOOD SCI & NUTR/DIETETICS	0	0.0
HUMAN ENVIRON & HOUSING	0	0.0
INDIVIDUAL & FAMILY DEVEL	0	0.0
TEXTILES AND CLOTHING	0	0.0
HUMAN, FAM/CONS SCI, GEN	1	20.0
LETTERS	(1)	(30.0)
CLASSICS	0	0.0
COMPARATIVE LITERATURE	0	0.0
CREATIVE WRITING	0	0.0
ENGLISH, GENERAL	1	30.0
LINGUISTICS	0	0.0
LITERATURE, ENGLISH/AMER	0	0.0
SPEECH & RHETORICAL STUDY	0	0.0
LETTERS, GENERAL	0	0.0
MATHEMATICS	(0)	(0.0)
ACTUARIAL SCIENCES	0	0.0
APPLIED MATHEMATICS	0	0.0
STATISTICS	0	0.0
MATHEMATICS, GENERAL	0	0.0
PHILOS, RELIG & THEOLOGY	(3)	(18.3)
BIBLE STUDIES	0	0.0
PHILOSOPHY	0	0.0
RELIGION	0	0.0
RELIGIOUS EDUCATION	0	0.0
RELIGIOUS MUSIC	0	0.0
THEOLOGY	0	0.0
PHILOS, RELIG & THEOL, GEN	3	18.3

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL)	(28)	(23.4)
ASTRONOMY	1	17.0
ATMOSPHER SCI & METEOROL	0	0.0
BIOCHEMISTRY & BIOPHYSICS	0	0.0
BIOLOGY	11	23.9
BOTANY	0	0.0
CHEMISTRY	3	26.3
EARTH SCIENCE	0	0.0
ECOLOGY/ENV STUDIES	0	0.0
GEOLOGY	0	0.0
MICROBIOLOGY	1	29.0
OCEANOGRAPHY	0	0.0
PHYSICS	3	26.7
ZOOLOGY	1	16.0
SCIENCES (BIO & PHYS), GEN	8	21.5
SOCIAL SCIENCES	(31)	(22.2)
ANTHROPOLOGY	0	0.0
ECONOMICS	1	36.0
GEOGRAPHY	1	22.0
HISTORY	4	21.5
INTERNATIONAL RELATIONS	3	28.0
LAW	5	23.2
PARALEGAL/LEGAL ASSISTING	0	0.0
POLITICAL SCI/GOVERNMENT	3	22.0
PSYCHOLOGY	10	18.9
SOCIOLOGY	0	0.0
URBAN STUDIES	0	0.0
SOCIAL SCIENCES, GENERAL	4	22.3
TRADE & INDUSTRIAL	(0)	(0.0)
AIRCRAFT TECHNICIAN	0	0.0
AIRPLANE PILOTING & NAVIG	0	0.0
AUTOMOTIVE BODY REPAIR	0	0.0
AUTOMOTIVE TECHNOLOGY	0	0.0
AVIATION MANAGEMENT	0	0.0
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	0	0.0
VISUAL/PERFORM ARTS	(14)	(21.4)
APPLIED DESIGN/CRAFTS	0	0.0
ART	0	0.0
ART HIST & APPRECIATION	1	22.0
CINEMATOGRAPHY/FILM/VIDEO	1	18.0
DANCE	1	13.0
DESIGN, GENERAL	0	0.0
DRAMA/THEATRE ARTS	2	25.5
FINE ARTS, GENERAL	0	0.0
GRAPHIC ARTS TECHNOLOGY	1	19.0
GRAPHIC DESIGN	1	19.0
MUSIC (LIBERAL ARTS)	0	0.0
MUSIC PERFORMANCE	0	0.0
MUSIC THEORY & COMPOSIT	1	17.0
PHOTOGRAPHY	1	27.0
VISUAL/PERFORM ARTS, GEN	5	22.6
UNDECIDED	(24)	(18.4)

TABLE 14 AVERAGE ACT COMPOSITE SCORE BY CAREER CLUSTERS

REFERENCE GROUP	TOTAL NUMBER	TOTAL AVG	CORE OR MORE NUMBER	CORE OR MORE AVG	LESS THAN CORE NUMBER	LESS THAN CORE AVG	MALES NUMBER	MALES AVG	FEMALES NUMBER	FEMALES AVG
PLAN ON 2-YEARS OR LESS OF COLLEGE										
ADMIN & SALES (02-03)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
BUSINESS OPER (04-05)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TECHNICAL (06-07)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
SCIENCE & TECH (08-09)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ARTS (10-11)	1	11.0	0	0.0	1	11.0	0	0.0	1	11.0
SOCIAL SERVICE (12-01)	1	16.0	0	0.0	1	16.0	0	0.0	1	16.0
OTHER*	2	12.0	1	9.0	1	15.0	1	9.0	1	15.0
TOTAL	4	12.8	1	9.0	3	14.0	1	9.0	3	14.0
PLAN ON 4-YEARS OR MORE OF COLLEGE										
ADMIN & SALES (02-03)	34	19.4	23	20.8	9	16.1	12	18.5	21	20.0
BUSINESS OPER (04-05)	26	19.2	14	20.5	11	17.7	13	20.6	13	17.7
TECHNICAL (06-07)	20	21.3	11	21.0	7	21.0	9	22.4	11	20.4
SCIENCE & TECH (08-09)	45	21.4	32	21.5	11	21.4	13	19.7	31	21.9
ARTS (10-11)	33	22.5	20	23.1	11	21.2	8	25.0	25	21.6
SOCIAL SERVICE (12-01)	35	20.1	20	20.8	14	19.9	15	20.4	20	20.0
OTHER*	115	21.7	58	21.9	45	21.4	39	22.2	73	21.6
TOTAL	308	21.1	178	21.5	108	20.4	109	21.3	194	21.0

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

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

REFERENCE GROUP	NUMBER OF STUDENTS	ENGLISH	MATH	SOCIAL STUDIES	NATURAL SCIENCE	HS GPA AVG	HS GPA SD
MALE	86	3.20	3.05	3.34	3.21	3.20	0.62
FEMALE	184	3.37	3.24	3.34	3.28	3.30	0.57
NO RESPONSE	4	3.38	2.87	3.15	3.25	3.20	0.36
AFRICAN-AMERICAN/BLACK	73	3.01	2.82	2.97	2.86	2.90	0.62
CAUCASIAN-AMERICAN/WHITE	156	3.42	3.28	3.48	3.40	3.40	0.51
OTHER MINORITY	22	3.55	3.51	3.47	3.45	3.51	0.39
MISSING/PREFER NO RESP	23	3.37	3.20	3.40	3.40	3.32	0.60
TOTAL	274	3.32	3.17	3.34	3.26	3.27	0.59

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 58, THIS MEANS THAT 58% 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 51 PERCENT OF STUDENTS SCORED BELOW 21.

TABLE 4 EXAMPLE

STD SCORE	ACT COMPOSITE FREQ	CP	
36	1	99	
35	0	99	
34	0	99	
33	1	99	
32	2	99	
31	6	99	
30	7	97	
29	12	95	
28	14	92	
27	19	89	
26	15	84	
25	25	80	
24	14	73	
23	10	69	
22	34	67	
21	25	58	<-- 58% OF THE STUDENTS SCORE AT OR BELOW 21
20	22	51	<-- 51% OF THE STUDENTS SCORE BELOW 21
19	30	45	
18	32	37	
17	29	29	
16	22	21	
15	20	15	
14	19	10	
13	6	5	
12	4	3	
11	7	2	
10	0	1	
9	1	1	
8	0	1	
7	0	1	
6	0	1	
5	0	1	
4	0	1	
3	0	1	
2	0	1	
1	0	1	