

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

**STATE COMPOSITE FOR
MAINE**

CODE 200-000

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.

EXECUTIVE SUMMARY

	FIVE YEAR ACT SCORE TREND HISTORY	1
TABLE 1	AVERAGE ACT SCORES BY ACADEMIC PREPARATION FOR RACIAL/ETHNIC GROUPS	3
TABLE 2	AVERAGE ACT COMPOSITE SCORES BY ABILITY LEVEL FOR RACIAL/ETHNIC GROUPS	4
TABLE 3	STUDENT SATISFACTION WITH VARIOUS ASPECTS OF HIGH SCHOOL EXPERIENCE	5
TABLE 4	ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS	6
TABLE 5	ACT SUBSCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS	7
TABLE 6	AVERAGE ACT SCORES AND STANDARD DEVIATIONS FOR MALES AND FEMALES	8
TABLE 7	EXPRESSED ADEQUACY OF HS EDUCATION ACCORDING TO HS CURRICULUM OR PROGRAM	8
TABLE 8	AVERAGE ACT SCORES AND STANDARD DEVIATIONS BY COURSE PATTERNS AND HIGH SCHOOL GPA RANGES	8
TABLE 9	HIGH SCHOOL GPAS AND AVERAGE ACT SCORES BY COMMON COURSE PATTERNS (TOTAL, MALE, AND FEMALE)	9
TABLE 10	DISTRIBUTION OF PLANNED EDUCATIONAL MAJOR AND FIRST VOCATIONAL CHOICE	12
TABLE 11	SUMMARY OF RESPONSES TO VARIOUS DEMOGRAPHIC ITEMS	13
TABLE 12	STUDENTS' SCORE REPORT PREFERENCES AT TIME OF TESTING	14
TABLE 13	AVERAGE ACT SCORES BY STUDENT PLANNED EDUCATIONAL MAJORS	15
TABLE 14	AVERAGE ACT COMPOSITE SCORE BY CAREER CLUSTERS	19
TABLE 15	HIGH SCHOOL ACADEMIC AREA GRADE AVERAGES BY GENDER AND RACE/ETHNICITY	19
APPENDIX	.....	20

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	409	401	44/ 43	21.8/20.4	21.8/21.2	22.8/21.4	21.8/21.1	22.2/21.2
2001-02	383	399	42/ 44	22.8/21.5	22.4/21.8	23.9/23.1	22.4/21.6	23.0/22.1
2002-03	501	468	43/ 40	23.0/21.9	22.5/21.8	24.4/23.0	22.5/21.4	23.2/22.1
2003-04	550	512	42/ 39	22.8/22.0	22.5/21.7	24.0/23.1	22.5/21.7	23.1/22.3
2004-05	587	610	40/ 41	22.5/22.0	22.3/21.9	23.6/23.1	22.4/21.9	22.8/22.4

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
2000-01	922	20.8	21.3	21.8	21.2	21.4
2001-02	902	22.0	22.1	23.3	21.9	22.5
2002-03	1172	22.2	22.0	23.4	21.8	22.5
2003-04	1311	22.3	22.1	23.4	22.0	22.6
2004-05	1476	22.1	22.0	23.1	21.9	22.4

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
Q3 (75TH PERCENTILE)	26.1	25.8	27.7	24.7	25.9
Q2 (50TH PERCENTILE - MEDIAN)	21.8	21.5	22.9	21.8	22.2
Q1 (25TH PERCENTILE)	17.9	17.6	18.8	19.0	18.7

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= 3)	(N= 5)	(N= 500)	(N= 1)	(N= 11)	(N= 3)
ENGLISH	9.0	20.2	22.4	15.0	22.3	22.7
USAGE/MECH	3.3	10.2	11.4	7.0	11.6	12.0
RHET SKILLS	4.7	10.6	11.5	8.0	11.4	11.0
MATHEMATICS	14.7	20.6	22.2	19.0	23.2	23.7
PRE/ELEM-ALG	6.7	10.6	11.8	11.0	12.6	13.0
ALG/CRD-GEOM	7.0	10.2	11.0	10.0	11.3	11.3
PLANE GEOM/TRIG	6.7	10.8	11.2	9.0	11.5	12.3
READING	12.7	21.4	23.6	19.0	25.1	19.7
SOC STU/SCI	5.3	11.2	11.9	8.0	12.3	10.0
ARTS/LITERATURE	6.0	10.4	12.3	11.0	13.8	10.3
SCIENCE	12.7	22.2	22.3	18.0	24.1	21.3
COMPOSITE	12.3	21.2	22.8	18.0	23.8	22.0
LESS THAN CORE	(N= 9)	(N= 1)	(N= 508)	(N= 5)	(N= 15)	(N= 4)
ENGLISH	17.1	20.0	22.3	19.8	19.1	16.8
USAGE/MECH	8.2	10.0	11.4	9.0	9.7	8.0
RHET SKILLS	9.0	10.0	11.5	11.2	9.6	8.3
MATHEMATICS	15.6	19.0	21.9	19.6	24.7	17.3
PRE/ELEM-ALG	7.7	8.0	11.6	11.0	13.2	9.0
ALG/CRD-GEOM	6.8	9.0	11.0	8.8	12.1	8.3
PLANE GEOM/TRIG	7.0	12.0	11.0	9.4	12.4	8.5
READING	17.9	23.0	23.3	19.8	21.8	18.0
SOC STU/SCI	8.6	12.0	11.7	8.0	11.0	8.8
ARTS/LITERATURE	9.2	12.0	12.1	12.2	11.3	9.0
SCIENCE	15.9	22.0	22.1	17.8	21.6	18.0
COMPOSITE	16.8	21.0	22.5	19.4	21.9	17.5
NO RESPONSE	(N= 6)	(N= 0)	(N= 187)	(N= 2)	(N= 5)	(N= 1)

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= 18)	(N= 6)	(N= 1195)	(N= 8)	(N= 31)	(N= 8)
ENGLISH	14.7	20.2	22.2	18.1	20.9	19.3
USAGE/MECH	6.7	10.2	11.3	8.1	10.8	9.6
RHET SKILLS	7.6	10.5	11.4	10.0	10.5	9.5
MATHEMATICS	14.9	20.3	21.9	19.3	23.9	20.4
PRE/ELEM-ALG	7.1	10.2	11.6	10.5	12.9	11.0
ALG/CRD-GEOM	6.6	10.0	10.9	9.3	11.7	10.0
PLANE GEOM/TRIG	7.1	11.0	11.1	9.5	12.0	10.0
READING	15.8	21.7	23.3	18.3	22.8	19.4
SOC STU/SCI	7.4	11.3	11.7	7.5	11.4	9.6
ARTS/LITERATURE	7.9	10.7	12.1	10.5	12.1	10.0
SCIENCE	15.1	22.2	22.1	17.4	22.5	19.5
COMPOSITE	15.3	21.2	22.5	18.4	22.7	19.8

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	0 0.0	2 24.5	428 25.1	1 26.0	15 24.4	2 20.0
3.00 - 3.49	2 12.0	2 20.5	246 21.7	3 17.3	7 21.9	2 18.5
2.50 - 2.99	1 13.0	0 0.0	112 19.1	0 0.0	2 18.0	0 0.0
2.00 - 2.49	0 0.0	1 20.0	42 19.0	1 14.0	1 14.0	1 14.0
1.99 & BELOW	1 14.0	0 0.0	12 18.3	0 0.0	0 0.0	0 0.0
CGPA PRED BY STUDENT						
3.5 - 4.0	2 21.0	2 24.5	303 25.7	1 26.0	14 24.5	1 21.0
3.0 - 3.4	4 15.0	0 0.0	454 22.3	4 17.8	10 21.0	3 21.3
2.5 - 2.9	1 12.0	2 20.5	163 19.1	0 0.0	0 0.0	2 17.5
2.0 - 2.4	0 0.0	1 20.0	49 17.7	0 0.0	1 14.0	0 0.0
1.9 & BELOW	1 13.0	0 0.0	4 16.5	0 0.0	0 0.0	0 0.0
HIGH SCHOOL RANK						
TOP QUARTER	1 25.0	1 24.0	504 24.8	3 22.3	17 24.5	3 23.0
2ND QUARTER	3 13.3	2 22.5	268 20.0	2 17.0	5 19.6	1 14.0
BOTTOM HALF	3 14.0	1 20.0	111 18.8	0 0.0	2 17.5	1 16.0

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 INSTRUCTION	MALE	187	13	130	9	15	1	6	0
	FEMALE	356	24	204	14	52	4	8	1
	TOTAL	548	37	335	23	67	5	14	1
NO. & VARIETY OF COURSE OFFERINGS	MALE	164	11	90	6	79	5	2	0
	FEMALE	312	21	151	10	148	10	10	1
	TOTAL	480	33	242	16	228	15	12	1
GRADING PRACTICES & POLICIES	MALE	165	11	120	8	47	3	5	0
	FEMALE	312	21	208	14	91	6	8	1
	TOTAL	482	33	328	22	139	9	13	1
NO. & KINDS OF TESTS GIVEN	MALE	171	12	130	9	31	2	4	0
	FEMALE	284	19	258	17	68	5	8	1
	TOTAL	459	31	388	26	101	7	12	1
GUIDANCE SERV PROVIDED BY GUIDANCE OFFICE	MALE	177	12	95	6	51	3	12	1
	FEMALE	302	20	179	12	113	8	26	2
	TOTAL	481	33	276	19	166	11	38	3
SCHOOL RULES, REGULATIONS, & POLICIES	MALE	125	8	119	8	85	6	7	0
	FEMALE	236	16	222	15	152	10	10	1
	TOTAL	362	25	346	23	237	16	17	1
LIBRARY OR LEARNING CENTER	MALE	168	11	111	8	46	3	11	1
	FEMALE	329	22	192	13	89	6	10	1
	TOTAL	500	34	306	21	135	9	21	1
LABORATORY FACILITIES	MALE	164	11	105	7	57	4	10	1
	FEMALE	273	18	207	14	115	8	25	2
	TOTAL	439	30	315	21	173	12	35	2
PROVISIONS FOR SPECIAL HELP IN READING, MATH, ETC	MALE	120	8	100	7	23	2	92	6
	FEMALE	232	16	180	12	63	4	144	10
	TOTAL	353	24	283	19	86	6	238	16
PROVISIONS FOR ACADEMICALLY OUTSTANDING STU	MALE	198	13	73	5	39	3	25	2
	FEMALE	366	25	142	10	76	5	36	2
	TOTAL	567	38	217	15	115	8	62	4
ADEQUACY OF PROG IN CAREER EDUC & PLANNING	MALE	118	8	124	8	55	4	36	2
	FEMALE	223	15	221	15	117	8	55	4
	TOTAL	343	23	347	24	173	12	92	6

NUMBER OF STUDENTS - 1476

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 1476)

STD SCORE	ACT ENGLISH		ACT MATHEMATICS		ACT READING		ACT SCIENCE		ACT COMPOSITE	
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP
36	3	99	3	99	18	99	3	99	0	99
35	8	99	12	99	17	99	7	99	5	99
34	27	99	19	99	42	98	9	99	3	99
33	21	97	16	98	41	95	11	99	15	99
32	31	96	16	97	37	92	18	98	24	98
31	26	94	28	96	48	89	13	97	29	97
30	39	92	23	94	67	86	19	96	42	95
29	62	89	54	92	48	82	34	95	47	92
28	67	85	61	88	62	78	34	92	73	89
27	50	81	76	84	70	74	55	90	71	84
26	89	77	87	79	78	70	95	86	97	79
25	98	71	84	73	69	64	87	80	96	72
24	81	65	109	68	78	60	125	74	98	66
23	67	59	82	60	103	54	148	65	100	59
22	103	55	68	55	80	47	113	55	128	53
21	104	48	82	50	59	42	154	48	104	44
20	99	41	93	44	129	38	135	37	107	37
19	86	34	91	38	84	29	90	28	90	30
18	83	28	117	32	49	23	104	22	99	24
17	78	22	100	24	67	20	71	15	78	17
16	58	17	118	17	54	16	49	10	68	12
15	66	13	76	9	40	12	33	7	40	7
14	40	9	35	4	56	9	19	5	30	4
13	27	6	21	2	35	5	18	3	14	2
12	20	4	5	1	24	3	7	2	13	1
11	12	3	0	1	14	1	12	2	4	1
10	12	2	0	1	3	1	10	1	1	1
9	5	1	0	1	3	1	0	1	0	1
8	9	1	0	1	1	1	3	1	0	1
7	4	1	0	1	0	1	0	1	0	1
6	0	1	0	1	0	1	0	1	0	1
5	0	1	0	1	0	1	0	1	0	1
4	1	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	59	4	50	3	118	8	30	2	23	2
28-32	225	15	182	12	262	18	118	8	215	15
24-27	318	22	356	24	295	20	362	25	362	25
20-23	373	25	325	22	371	25	550	37	439	30
16-19	305	21	426	29	254	17	314	21	335	23
13-15	133	9	132	9	131	9	70	5	84	6
01-12	63	4	5	0	45	3	32	2	18	1

AVG(SD) 22.1(5.8) 22.0(5.2) 23.1(6.1) 21.9(4.6) 22.4(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 = 1476)

STD SCORE	USAGE/MECH		RHET SKILLS		SOC STU/SCI		ARTS/LIT		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	
18	55	99	10	99	36	99	97	99	18
17	89	96	36	99	122	98	111	93	17
16	81	90	92	97	103	89	124	86	16
15	113	85	99	91	105	82	130	78	15
14	89	77	150	84	114	75	87	69	14
13	120	71	131	74	121	67	124	63	13
12	146	63	185	65	137	59	192	54	12
11	157	53	178	52	137	50	111	41	11
10	114	42	188	40	153	41	102	34	10
9	122	35	148	28	140	30	87	27	9
8	147	26	116	18	126	21	91	21	8
7	87	16	71	10	88	12	79	15	7
6	77	11	42	5	47	6	68	10	6
5	31	5	17	2	23	3	49	5	5
4	31	3	5	1	9	2	19	2	4
3	10	1	6	1	11	1	3	1	3
2	5	1	2	1	3	1	2	1	2
1	2	1	0	1	1	1	0	1	1
AVERAGE	11.2		11.3		11.6		12.0		
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	64	99	14	99	15	99	18
17	69	96	22	99	19	99	17
16	113	91	45	98	62	98	16
15	104	83	69	95	88	93	15
14	129	76	166	90	143	88	14
13	143	68	111	79	150	78	13
12	104	58	212	71	194	68	12
11	162	51	180	57	140	55	11
10	129	40	169	45	271	45	10
9	109	31	211	33	140	27	9
8	153	24	104	19	93	17	8
7	134	13	76	12	75	11	7
6	42	4	35	7	51	6	6
5	12	1	26	4	4	2	5
4	6	1	16	2	22	2	4
3	2	1	17	1	0	1	3
2	1	1	0	1	9	1	2
1	0	1	3	1	0	1	1
AVERAGE	11.6		10.9		11.1		
S.D.	3.4		3.0		2.9		

NOTE: CP IS THE CUMULATIVE PERCENT OF STUDENTS AT OR BELOW A SCORE POINT (SEE APPENDIX).

TABLE 6 AVERAGE ACT SCORES AND STANDARD DEVIATIONS FOR MALES AND FEMALES

GROUP	NUMBER OF STUDENTS	ENGLISH		MATH		READING		SCIENCE		COMPOSITE	
		AVERAGE	SD	AVERAGE	SD	AVERAGE	SD	AVERAGE	SD	AVERAGE	SD
MALES	553	21.7	6.2	23.4	5.6	22.7	6.3	22.6	5.0	22.7	5.2
FEMALES	907	22.3	5.5	21.1	4.8	23.4	6.0	21.5	4.3	22.2	4.6
NO RESPONSE	16	21.3	4.5	21.3	3.7	23.5	6.1	21.6	3.6	22.2	3.9

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	5	4	7	1	8	8	4	1	2	1		
28-32	16	15	18	9	16	19	11	6	19	12		
24-27	20	23	26	23	18	21	26	24	24	25		
20-23	22	27	19	24	26	25	35	39	27	31		
16-19	20	21	23	32	18	17	18	23	20	24		
13-15	11	8	7	10	9	9	4	5	6	6		
01-12	6	3	0	0	5	2	2	2	2	1		

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	247	23	24.1	3	27	2	8	222	25	20	14
GOOD	442	42	22.4	6	55	12	50	371	42	53	38
AVERAGE	162	15	21.3	0	0	4	17	123	14	35	25
BELOW AVERAGE	33	3	20.3	2	18	2	8	20	2	9	6
VERY INADEQUATE	58	6	21.6	0	0	2	8	47	5	9	6
NO RESPONSE	111	11	22.2	0	0	2	8	95	11	14	10
NO. OF STUDENTS	1053			11		24		878		140	

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	1476	22.1	5.8	22.0	5.2	23.1	6.1	21.9	4.6	22.4	4.8
COLLEGE CORE											
E4, M3, SS3, NS3	587	22.5	5.5	22.3	5.0	23.6	5.9	22.4	4.3	22.8	4.6
In between	421	22.3	6.0	22.2	5.4	23.3	6.3	22.1	4.7	22.6	5.0
E4, M2, SS2, NS2	189	21.5	5.9	21.4	5.6	22.6	6.4	21.5	4.9	21.9	5.0
No Response	279	21.3	5.7	21.4	4.9	22.2	6.0	21.0	4.5	21.6	4.6
HS GPA RANGES											
3.50 - 4.00	505	25.2	5.1	24.8	4.8	26.1	5.5	24.1	4.2	25.2	4.2
3.00 - 3.49	286	21.1	5.0	21.1	4.4	22.5	5.8	21.6	4.0	21.7	4.2
2.50 - 2.99	127	18.1	4.5	18.4	3.6	19.3	4.8	19.4	3.6	18.9	3.3
2.00 - 2.49	50	17.7	4.8	17.9	3.7	19.6	5.5	19.4	3.9	18.7	3.8
1.99 & below	13	17.5	2.6	16.5	2.8	19.6	4.0	17.8	4.4	18.0	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	166	11	3.54	22.6	23.0
ENG 9, ENG 10, ENG 11, ENG 12	915	62	3.41	22.3	22.6
LESS THAN 4 YEARS OF ENGLISH	110	7	3.38	21.8	22.0
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	285	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	93	6	3.71	25.5	25.3
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	88	6	3.23	22.6	22.9
ALG 1, ALG 2, GEOM, TRIG	90	6	3.12	19.9	21.0
ALG 1, ALG 2, GEOM, OTHER ADV MATH	220	15	3.22	20.9	21.7
ALG 1, ALG 2, GEOM	183	12	2.86	18.2	19.4
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	303	21	3.59	25.6	25.4
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	88	6	3.30	22.9	23.1
LESS THAN 3 YEARS OF MATH	110	7	2.79	19.3	20.2
NO MATH COURSE/GRADE INFORMATION REPORTED	301	20	- . -	21.5	21.7
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	64	4	3.55	24.0	23.4
US HIST, WORLD HIST, AM GOVT	90	6	3.48	22.5	21.8
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	226	15	3.56	23.7	22.7
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	318	22	3.56	23.1	22.4
LESS THAN 3 YEARS OF SOC SCI	474	32	3.44	23.4	22.8
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	304	21	- . -	22.3	21.6
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	577	39	3.48	23.1	23.6
BIOLOGY, CHEMISTRY, PHYSICS	100	7	3.44	23.9	24.2
GEN SCIENCE, BIOLOGY, CHEMISTRY	316	21	3.18	20.8	21.1
OTHER COMBINATIONS OF 3 YEARS NAT SCI	34	2	3.21	21.1	21.9
LESS THAN 3 YEARS OF NAT SCI	144	10	3.04	20.5	20.7
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	305	21	- . -	21.0	21.7

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	64	12	3.49	22.2	23.5
ENG 9, ENG 10, ENG 11, ENG 12	317	57	3.26	22.0	23.0
LESS THAN 4 YEARS OF ENGLISH	47	8	3.14	21.8	22.8
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	125	23	- . -	20.7	21.5
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	31	6	3.75	26.9	25.2
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	26	5	3.05	23.3	22.7
ALG 1, ALG 2, GEOM, TRIG	26	5	3.09	20.2	20.7
ALG 1, ALG 2, GEOM, OTHER ADV MATH	59	11	3.08	21.9	21.4
ALG 1, ALG 2, GEOM	54	10	2.80	19.3	19.9
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	146	26	3.57	26.7	25.6
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	37	7	3.20	23.3	22.5
LESS THAN 3 YEARS OF MATH	42	8	2.99	21.6	21.2
NO MATH COURSE/GRADE INFORMATION REPORTED	132	24	- . -	22.4	21.7
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	24	4	3.49	23.6	24.0
US HIST, WORLD HIST, AM GOVT	36	7	3.45	21.4	21.8
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	85	15	3.59	23.6	23.2
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	101	18	3.53	22.9	22.9
LESS THAN 3 YEARS OF SOC SCI	171	31	3.38	23.0	23.2
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	136	25	- . -	21.8	21.7
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	222	40	3.45	24.1	24.0
BIOLOGY, CHEMISTRY, PHYSICS	44	8	3.43	23.6	24.1
GEN SCIENCE, BIOLOGY, CHEMISTRY	83	15	3.01	21.4	21.4
OTHER COMBINATIONS OF 3 YEARS NAT SCI	18	3	3.18	20.9	22.1
LESS THAN 3 YEARS OF NAT SCI	49	9	2.82	21.3	20.8
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	137	25	- . -	21.5	21.7

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	101	11	3.58	22.8	22.6
ENG 9, ENG 10, ENG 11, ENG 12	592	65	3.49	22.4	22.4
LESS THAN 4 YEARS OF ENGLISH	62	7	3.54	21.8	21.4
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	152	17	- . -	21.8	21.6
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	62	7	3.69	24.9	25.4
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	61	7	3.30	22.2	23.0
ALG 1, ALG 2, GEOM, TRIG	63	7	3.11	19.6	21.0
ALG 1, ALG 2, GEOM, OTHER ADV MATH	161	18	3.27	20.6	21.8
ALG 1, ALG 2, GEOM	126	14	2.87	17.8	19.2
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	154	17	3.61	24.6	25.1
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	51	6	3.38	22.6	23.5
LESS THAN 3 YEARS OF MATH	68	7	2.69	17.8	19.6
NO MATH COURSE/GRADE INFORMATION REPORTED	161	18	- . -	20.7	21.7
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	39	4	3.57	23.9	22.8
US HIST, WORLD HIST, AM GOVT	54	6	3.50	23.2	21.8
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	138	15	3.56	24.0	22.4
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	214	24	3.56	23.1	22.1
LESS THAN 3 YEARS OF SOC SCI	302	33	3.48	23.6	22.5
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	160	18	- . -	22.7	21.6
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	350	39	3.50	22.5	23.3
BIOLOGY, CHEMISTRY, PHYSICS	54	6	3.45	24.1	24.3
GEN SCIENCE, BIOLOGY, CHEMISTRY	232	26	3.24	20.7	21.1
OTHER COMBINATIONS OF 3 YEARS NAT SCI	16	2	3.25	21.3	21.6
LESS THAN 3 YEARS OF NAT SCI	95	10	3.14	20.1	20.7
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	160	18	- . -	20.6	21.6

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)	EDUC 1ST MAJOR VOC (PERCENT)	EDUC 1ST MAJOR VOC (PERCENT)	EDUC 1ST MAJOR VOC (PERCENT)
AGRICULTURE SCIENCE/TECH	16	20.5	63	25	2	1	2	2	2	1
ARCH & ENVIR DESIGN	13	21.4	62	31	2	4	1	1	1	2
BUSINESS & MGMT	74	21.4	30	51	11	9	6	8	8	8
BUSINESS & OFFICE	6	19.3	67	33	1	0	0	1	1	1
MARKETING & DISTRIBUTION	9	20.7	44	56	0	1	1	1	1	1
COMMUNICATION & COMM TEC	36	21.9	44	42	8	7	2	3	4	4
COMMUNITY & PRSNL SVCS	16	19.3	50	50	1	2	2	3	2	3
COMPUTER & INFO SCI	16	24.1	38	38	5	5	0	0	2	2
CROSS-DISC STUDIES	5	25.2	20	80	1	0	0	0	1	0
EDUCATION	40	19.6	55	35	1	2	6	8	4	5
TEACHER EDUCATION	20	20.3	45	55	1	0	3	4	2	2
ENGINEERING	44	25.9	32	48	11	10	1	1	5	4
ENGINEERING-RELATED TECH	28	23.5	29	68	7	7	1	0	3	3
FOREIGN LANGUAGES	13	25.2	31	46	1	0	2	1	1	0
HEALTH SCI & ALLIED HLTH	161	22.1	56	34	7	8	23	26	17	20
HUMAN, FAMILY/CONS SCI	14	18.7	43	43	1	1	2	2	1	2
LETTERS	9	25.9	22	33	1	1	1	1	1	1
MATHEMATICS	7	26.4	71	14	2	1	0	0	1	0
PHILOS, RELIG & THEOL	6	25.2	50	50	1	0	0	0	1	0
SCI (BIOL & PHYSICAL)	73	25.3	40	42	5	6	9	6	8	6
SOCIAL SCIENCES	111	22.9	36	53	10	11	13	11	12	11
TRADE & INDUSTRIAL	8	18.3	50	25	2	4	0	0	1	1
VISUAL & PERFORM ARTS	69	22.7	55	33	4	5	9	10	7	8
UNDECIDED	149	22.1	12	16	17	16	15	11	16	13
NO RESPONSE	533									

NUMBER OF STUDENTS - 1476

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	35	17.6	2	AFRICAN-AMER/BLACK	18	15.3	1
COLL PREP	878	23.0	59	AM INDIAN,ALASKAN NTV	6	21.2	0
OTHER/GENERAL/NO RESP	563	21.7	38	CAUCASIAN-AMER/WHITE	1195	22.5	81
REQUEST ASSISTANCE WITH				MEXICAN-AMER/CHICANO	8	18.4	1
ED/OCCUP PLANS	361	22.3	24	ASIAN-AMER,PACIFIC ISL	31	22.7	2
EXPR IDEAS IN WRITING	168	20.3	11	PUERTO RICAN,HISPANIC	8	19.8	1
READING/COMPREHENSION	195	19.8	13	OTHER	24	18.9	2
STUDY SKILLS	314	20.5	21	MULTIRACIAL	11	21.8	1
MATH SKILLS	351	20.0	24	PREFER NOT TO RESPOND	48	24.0	3
PERSONAL CONCERNS	81	21.5	5	NO RESPONSE	127	23.2	9
EXPRESSED FIN NEED				ESTIMATED FAMILY INCOME			
NEED FINANCIAL AID	999	22.3	68	LESS THAN \$18,000	57	19.5	4
NEED TO FIND WORK	808	22.2	55	ABOUT \$18,000-\$24,000	53	21.8	4
SPECIAL COLLEGE PROG				ABOUT \$24,000-\$30,000	51	20.8	3
INDEP STUDY	516	23.6	35	ABOUT \$30,000-\$36,000	49	20.8	3
HONORS COURSES	475	25.0	32	ABOUT \$36,000-\$42,000	67	20.8	5
ADV PLACEMENT IN COLL				ABOUT \$42,000-\$50,000	85	21.8	6
ENGLISH	368	24.8	25	ABOUT \$50,000-\$60,000	112	23.1	8
MATH	280	25.6	19	ABOUT \$60,000-\$80,000	169	22.6	11
SOCIAL STUDIES	295	24.7	20	ABOUT \$80,000-\$100,000	123	23.4	8
NATURAL SCIENCE	242	25.3	16	MORE THAN \$100,000	123	23.6	8
FOREIGN LANG	248	24.7	17	NO RESPONSE	587	22.6	40
MAX YEARLY COLL TUITION				HS CLASS RANK			
\$1000 & UNDER	11	16.9	1	TOP QTR	589	24.9	40
\$1001 - \$2000	11	17.1	1	2ND QTR	306	19.9	21
\$2001 - \$4000	45	19.8	3	3RD QTR	113	18.7	8
\$4001 - \$7500	71	21.0	5	4TH QTR	16	17.6	1
\$7501 & OVER	59	21.7	4	NO RESPONSE	452	22.0	31
NO PREFERENCE	771	22.8	52	EDUC DEG ASPIRATION			
NO RESPONSE	508	22.6	34	VOC-TECH	5	16.4	0
MOST RECENTLY TESTED				2YR COL DEGREE	30	16.8	2
SOPHOMORE	9	23.9	1	BACHELORS DEGREE	447	21.1	30
JUNIOR	491	23.3	33	GRAD STUDY	289	23.7	20
SENIOR	945	21.9	64	PROF LEVEL DEGREE	367	24.1	25
OTHER/NO RESPONSE	31	22.5	2	OTHER	23	19.7	2
COLLEGE CORE PREPARATION				NO RESPONSE	315	21.8	21
CORE OR MORE	587	22.8	40	NUMBER OF STUDENTS			
LESS THAN CORE	610	22.4	41	HOME SCHOOLED	21	22.2	1
NO RESPONSE	279	21.6	19	EARNED A GED	0	0.0	0
				ALL STUDENTS	1476	22.4	100

TABLE 12 STUDENTS' SCORE REPORT PREFERENCES AT TIME OF TESTING

INSTITUTION CODE NAME	ST	TOTAL NUMBER	1ST CHOICE NUMBER	2ND-6TH CHOICES NUMBER	STANDARD FOR TRANSITION RANGES						
					01- 12 PCT	13- 15 PCT	16- 19 PCT	20- 23 PCT	24- 27 PCT	28- 32 PCT	33- 36 PCT
1664 U OF MAINE-ORONO	ME	215	78	137	2	7	27	33	22	7	1
1644 U SOUTHERN MAINE	ME	108	30	78	2	8	44	30	12	4	0
1640 U OF MAINE-FARMINGTN	ME	61	19	42	2	11	43	23	15	7	0
2524 U OF NEW HAMPSHIRE	NH	52	13	39	0	2	33	40	17	8	0
1659 SAINT JOSEPH'S C-ME	ME	46	22	24	0	4	33	46	15	2	0
1646 HUSSON COLLEGE	ME	45	16	29	7	11	40	31	11	0	0
1880 NORTHEASTERN UNIV	MA	41	5	36	0	0	27	32	22	20	0
1660 UNIV OF NEW ENGLAND	ME	38	7	31	0	5	42	39	11	3	0
1788 BOSTON COLLEGE	MA	35	15	20	0	0	3	23	43	31	0
1922 TUFTS UNIVERSITY	MA	35	15	20	0	0	3	3	40	43	11
1794 BOSTON UNIVERSITY	MA	34	10	24	3	0	15	26	32	24	0
4322 UNIV OF VERMONT	VT	31	4	27	0	3	13	19	35	26	3
1638 COLBY COLLEGE	ME	28	5	23	0	4	7	46	29	11	4
1641 U OF MAINE-AUGUSTA	ME	24	4	20	0	21	46	21	8	4	0
1942 WORCESTER POLY INST	MA	24	11	13	0	0	8	17	46	29	0
4306 MIDDLEBURY COLLEGE	VT	22	10	12	0	0	0	23	23	55	0
7000 UNLISTED INSTITUTION	IA	19	3	16	0	37	26	16	21	0	0
1630 U OF MAINE-PRESQUE	ME	18	7	11	11	17	50	17	6	0	0
3800 BROWN UNIVERSITY	RI	18	4	14	0	0	6	6	17	67	6
1648 MAINE MARITIME ACAD	ME	17	5	12	6	12	6	35	29	12	0
2838 NEW YORK UNIVERSITY	NY	17	3	14	0	0	12	24	41	24	0
0604 UNIV OF CONNECTICUT	CT	16	4	12	0	0	13	50	19	19	0
1634 BATES COLLEGE	ME	16	3	13	0	0	19	31	38	13	0
0582 QUINNIPIAC UNIV	CT	15	5	10	0	0	60	27	13	0	0
1663 THOMAS COLLEGE-ME	ME	15	4	11	7	20	27	33	13	0	0
1924 U OF MASS AMHERST	MA	15	1	14	0	0	27	33	33	7	0
2508 DARTMOUTH COLLEGE	NH	15	3	12	0	0	0	0	33	67	0
2870 ROCHESTER INST TECH	NY	15	5	10	7	13	0	27	27	27	0
1636 BOWDOIN COLLEGE	ME	14	4	10	0	0	21	7	36	29	7
2968 SYRACUSE UNIVERSITY	NY	14	4	10	0	0	21	29	21	21	7
3818 UNIV OF RHODE ISLAND	RI	14	6	8	0	7	7	64	21	0	0
1824 ENDICOTT COLLEGE	MA	13	6	7	0	0	54	38	8	0	0
5231 MCGILL UNIVERSITY	CN	13	3	10	0	0	8	0	46	38	8
0598 TRINITY COLLEGE-CT	CT	12	2	10	0	0	8	0	33	50	8
2506 COLBY-SAWYER COLLEGE	NH	12	3	9	0	0	25	67	8	0	0
ALL OTHER INSTITUTIONS		1359	394	965	0	6	23	28	24	18	2
TOTALS		2486	733	1753	1	6	24	28	23	16	2

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	(16)	(20.5)	BUSINESS & OFFICE	(6)	(19.3)
AGRICULTURAL BUSINESS	0	0.0	BOOKKEEPING/ACCT TECH	1	23.0
AGRICULTURAL ECONOMICS	1	23.0	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	0	0.0
AGRONOMY	0	0.0	SECRETARIAL	0	0.0
ANIMAL SCIENCES	1	23.0	TYPING & GENERAL OFFICE	0	0.0
FARM & RANCH MANAGEMENT	2	18.5	WORD PROCESSING	0	0.0
FISH, GAME, WILDLIFE MGMT	3	19.0	BUSINESS & OFFICE, GEN	5	18.6
FOOD SCIENCES/ENGINEERING	1	24.0			
FORESTRY & RELATED SCI	0	0.0	MARKETING & DISTRIBUTION	(9)	(20.7)
HORTICULTURE/ORNMENTAL HORT	0	0.0	FASHION MERCHANDISING	5	18.8
NATURAL RESOURCES MGMT	0	0.0	RETAILING & SALES	0	0.0
AGRICULTURE & AG TECH, GEN	8	20.5	TRAVEL SERVICES & TOURISM	0	0.0
			MARKETING & DISTRIB, GEN	4	23.0
ARCH & ENVIR DESIGN	(13)	(21.4)			
ARCHITECTURAL DRAFTING	1	21.0	COMMUNICATIONS & COMM TECH	(36)	(21.9)
ARCHITECTURE	3	25.3	ADVERTISING	2	18.0
BLDG CON/CONSTRUCTION SCI	0	0.0	GRAPHIC/COMMERCIAL ART	0	0.0
CITY, COMM & REG PLANNING	0	0.0	GRAPHIC & PRINT COMMUNIC	0	0.0
ENVIRONMENTAL DESIGN	0	0.0	JOURNALISM	10	24.9
INTERIOR DESIGN	3	18.0	PHOTO/FILM/VIDEO TECH	5	18.4
LANDSCAPE ARCHITECTURE	1	25.0	PUBLIC RELATIONS	0	0.0
ARCHI & ENVIR DESIGN, GEN	5	20.4	RADIO/TV BROADCASTING	1	19.0
			RADIO/TV PRODUCTN & TECH	0	0.0
BUSINESS & MGMT	(74)	(21.4)	COMMUNIC & COMM TECH, GEN	18	21.7
ACCOUNTING	6	18.7			
BANKING & FINANCE	5	26.0	COMMNTY & PRSNL SVCS	(16)	(19.3)
BUSINESS ADMIN & MGMT	7	19.1	CORRECTIONS	0	0.0
BUSINESS ECONOMICS	1	33.0	COSMETOLOGY/HAIRSTYLING	1	15.0
CONTRACT MGMT & PURCHSING	0	0.0	CRIMINAL JUSTICE/CRIMINOL	8	20.6
HOTEL/RESTAURANT MGMT	3	20.7	FIRE PROTECTN/SAFETY TECH	0	0.0
HUMAN RESOURCE DEVEL/TRNG	0	0.0	FUNERAL SVCS/MORTUARY SCI	0	0.0
INSTITUTIONAL MANAGEMENT	0	0.0	LAW ENFORCEMENT & ADMIN	3	18.0
INSURANCE & RISK MGMT	0	0.0	LIBRARY SCI/LIB ASSISTING	0	0.0
INTERNATL BUSINESS/MGMT	4	23.0	MILITARY SCIENCE/TECH	0	0.0
LABOR/INDUSTRL RELATIONS	0	0.0	PARKS & RECREATION	0	0.0
MANAGEMENT INFO SYSTEMS	0	0.0	PUBLIC ADMINISTRATION	0	0.0
MANAGEMENT SCIENCE	0	0.0	PUBLIC AFFAIRS	0	0.0
MARKETING MGMT & RESEARCH	3	20.0	SOCIAL WORK	3	16.7
ORGANIZATIONAL BEHAVIOR	0	0.0	COMMNTY & PRSNL SVCS, GEN	1	24.0
PERSONNEL MANAGEMENT	1	27.0			
REAL ESTATE	0	0.0			
SML BUSINESS MGMT/OWNRSHIP	2	24.0			
TRADE & INDUSTRIAL MGMT	0	0.0			
TRANSPORTATION MANAGEMENT	0	0.0			
BUSINESS & MGMT, GEN	42	21.0			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	(16)	(24.1)	ENGINEERING	(44)	(25.9)
COMPUTER PROGRAMMING	6	22.3	AEROSPACE ENGINEERING	5	26.6
COMPUTER SCIENCE	2	28.0	AGRICULTURAL ENGINEERING	1	28.0
DATA PROCESSING	0	0.0	ARCHITECTURAL ENGINEERING	0	0.0
INFO SCIENCES & SYSTEMS	1	17.0	BIOENGINEER & BIOMED ENG	0	0.0
MATH/COMPUTER SCIENCE	1	35.0	CERAMIC ENGINEERING	0	0.0
COMPUTER & INFO SCI, GEN	6	23.8	CHEMICAL ENGINEERING	2	28.5
CROSS-DISC STUDIES	(5)	(25.2)	CIVIL ENGINEERING	2	23.0
AREA & ETHNIC STUDIES	0	0.0	COMPUTER ENGINEERING	1	31.0
LIBERAL ARTS/GEN STUDIES	1	22.0	CONSTRUCTION ENG/MGMT	1	25.0
MULTI-/INTERDISC STUDIES	1	26.0	ELECTRCL & ELECTRONIC ENG	2	28.0
CROSS-DISC STUDIES, GEN	3	26.0	ENGINEERING MANAGEMENT	0	0.0
EDUCATION	(40)	(19.6)	ENGINEERING PHYSICS	0	0.0
ADULT & CONTINUING EDUC	0	0.0	ENGINEERING SCIENCE	0	0.0
EDUCATION ADMINISTRATION	0	0.0	ENVIRONMENTAL HEALTH ENG	0	0.0
ELEMENTARY EDUCATION	16	19.9	GEOLOGICAL & GEOPHYS ENG	0	0.0
JR HIGH/MIDDLE SCH EDUC	1	18.0	INDUSTRIAL ENGINEERING	0	0.0
PRE-ELEMENTARY EDUCATION	4	15.5	MATERIALS ENGINEERING	0	0.0
SECONDARY EDUCATION	5	24.0	MECHANICAL ENGINEERING	3	22.7
STUDENT COUNSELING	0	0.0	METALLURGICAL ENGINEERING	0	0.0
TEACHER AIDE	0	0.0	MINING & MINERAL ENG	0	0.0
EDUCATION, GENERAL	14	18.9	NAVAL ARCHIT & MARINE ENG	0	0.0
TEACHER EDUCATION	(20)	(20.3)	NUCLEAR ENGINEERING	1	20.0
AGRICULTURAL EDUCATION	0	0.0	OCEAN ENGINEERING	0	0.0
ART EDUCATION	2	18.0	PETROLEUM ENGINEERING	0	0.0
BUSINESS EDUCATION	0	0.0	SYSTEMS ENGINEERING	0	0.0
ENGLISH EDUCATION	0	0.0	ENGINEERING, GENERAL	26	26.0
FOREIGN LANGUAGES EDUC	0	0.0	ENGINEERING-RELATED TECH	(28)	(23.5)
HEALTH EDUCATION	1	22.0	AERONAUTICAL TECHNOLOGY	1	27.0
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	20.5
MATHEMATICS EDUCATION	0	0.0	BIOMEDICAL EQUIPMENT TECH	0	0.0
MUSIC EDUCATION	0	0.0	CIVIL ENGINEERING TECH	3	22.7
PHYSICAL EDUCATION	4	19.5	COMPUTER ENGINEERING TECH	3	25.0
SCIENCE EDUCATION	0	0.0	CONSTRUCTION/BLDG TECH	0	0.0
SOC STUDIES/SOC SCI EDUC	1	20.0	DRAFTING & DESIGN TECH	1	23.0
SPECIAL EDUCATION	1	16.0	ELECTRICAL ENG TECHNOLOGY	0	0.0
SPEECH CORRECTION EDUC	0	0.0	ELECTRONIC ENG TECHNOLOGY	0	0.0
TEACHING ENGL AS 2ND LANG	0	0.0	ELECTROMECHAN INSTR TECH	0	0.0
TECH/TRADE & IND ED	0	0.0	ENVIRONMENTAL CONTRL TECH	0	0.0
TEACHER EDUCATION, OTHER	1	19.0	INDUSTRRL PRODUCTION TECH	0	0.0
TEACHER EDUCATION, GEN	10	21.4			

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	(14)	(18.7)
MANUFACTURING TECHNOLOGY	0	0.0	CHILD DEV, CARE, GUIDANCE	1	19.0
MECHANICAL ENG TECH	7	24.0	CHILD CARE AIDE/ASSISTING	0	0.0
MINING & PETROLEUM TECH	0	0.0	CULINARY ARTS	3	18.3
OCCUPATL SFTY & HLTH TECH	0	0.0	FAMILY/CONS RESOURCE MGMT	0	0.0
SURVEYING & MAPPING TECH	0	0.0	FASHION DESIGN	3	16.7
ENGINEERING TECH, OTHER	1	29.0	FOOD PRODUCTN, MGMT, SVCS	0	0.0
ENGINEER-RELATD TECH, GEN	10	22.6	FOOD SCI & NUTR/DIETETICS	0	0.0
			HUMAN ENVIRON & HOUSING	1	21.0
FOREIGN LANGUAGES	(13)	(25.2)	INDIVIDUAL & FAMILY DEVEL	0	0.0
ASIATIC LANGUAGES	0	0.0	TEXTILES AND CLOTHING	0	0.0
CLASSICAL LANGUAGES	1	25.0	HUMAN, FAM/CONS SCI, GEN	6	19.5
FRENCH	4	25.8			
GERMAN	1	26.0	LETTERS	(9)	(25.9)
ITALIAN	0	0.0	CLASSICS	0	0.0
MIDDLE EASTERN LANGUAGES	0	0.0	COMPARATIVE LITERATURE	0	0.0
RUSSIAN	1	16.0	CREATIVE WRITING	4	25.5
SPANISH	3	23.7	ENGLISH, GENERAL	2	27.5
FOREIGN LANGUAGES, OTHER	0	0.0	LINGUISTICS	0	0.0
FOREIGN LANGUAGES, GEN	3	29.0	LITERATURE, ENGLISH/AMER	1	28.0
			SPEECH & RHETORICAL STUDY	1	21.0
HEALTH SCI & ALLIED HLTH	(161)	(22.1)	LETTERS, GENERAL	1	27.0
CHIROPRACTIC	2	23.5			
DENTAL ASSISTING	0	0.0	MATHEMATICS	(7)	(26.4)
DENTAL HYGIENE	2	16.5	ACTUARIAL SCIENCES	0	0.0
DENTAL LAB/TECHNOLOGY	0	0.0	APPLIED MATHEMATICS	1	25.0
DENTISTRY	2	20.0	STATISTICS	0	0.0
EMERG MED TECH/PARAMEDIC	1	31.0	MATHEMATICS, GENERAL	6	26.7
HEALTH CARE ADMIN	0	0.0			
MEDICAL/SURG ASSISTING	1	24.0	PHILOS, RELIG & THEOLOGY	(6)	(25.2)
MEDICAL LAB/TECHNOLOGY	0	0.0	BIBLE STUDIES	1	21.0
MED RECORDS ADMIN/TECH	0	0.0	PHILOSOPHY	3	26.0
MEDICINE	30	25.2	RELIGION	1	29.0
MNTL HLTH & HUM SVCS/TECH	1	28.0	RELIGIOUS EDUCATION	0	0.0
NUCLEAR MEDICINE TECH	0	0.0	RELIGIOUS MUSIC	0	0.0
NURSING (PRACTICAL)	0	0.0	THEOLOGY	0	0.0
NURSING (REGISTERED)	24	20.3	PHILOS, RELIG & THEOL, GEN	1	23.0
OCCUPATNL THERAPY/ASSIST	2	20.5			
OPTOMETRY	1	20.0			
PHARMACY	7	23.4			
PHYSICIAN ASSISTING	1	14.0			
PHYSICAL THERAPY/ASSIST	16	21.3			
RADIOLOGY/RADIOLOGIC TECH	3	18.0			
REC/ART/MUSIC THERAPY	0	0.0			
RESPIRATORY THERAPY/TECH	0	0.0			
SPEECH PATHOL/AUDIOLOGY	1	22.0			
VETERINARIAN ASSISTING	0	0.0			
VETERINARY MEDICINE	7	25.1			
HEALTH SCI & ALLIED, GEN	60	21.5			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL) (	73)	(25.3)	VISUAL/PERFORM ARTS	(69)	(22.7)
ASTRONOMY	0	0.0	APPLIED DESIGN/CRAFTS	1	15.0
ATMOSPHER SCI & METEOROL	2	25.0	ART	3	19.0
BIOCHEMISTRY & BIOPHYSICS	4	29.8	ART HIST & APPRECIATION	0	0.0
BIOLOGY	28	24.9	CINEMATOGRAPHY/FILM/VIDEO	5	26.0
BOTANY	1	26.0	DANCE	3	22.3
CHEMISTRY	4	26.3	DESIGN, GENERAL	6	22.3
EARTH SCIENCE	0	0.0	DRAMA/THEATRE ARTS	13	23.1
ECOLOGY/ENV STUDIES	5	26.4	FINE ARTS, GENERAL	4	21.5
GEOLOGY	3	25.3	GRAPHIC ARTS TECHNOLOGY	0	0.0
MICROBIOLOGY	0	0.0	GRAPHIC DESIGN	3	23.3
OCEANOGRAPHY	3	25.7	MUSIC (LIBERAL ARTS)	0	0.0
PHYSICS	0	0.0	MUSIC PERFORMANCE	3	22.7
ZOOLOGY	1	22.0	MUSIC THEORY & COMPOSIT	0	0.0
SCIENCES (BIO & PHYS), GEN	22	24.6	PHOTOGRAPHY	2	25.0
			VISUAL/PERFORM ARTS, GEN	26	22.8
SOCIAL SCIENCES (	111)	(22.9)	UNDECIDED	(149)	(22.1)
ANTHROPOLOGY	5	22.6			
ECONOMICS	2	31.5			
GEOGRAPHY	1	21.0			
HISTORY	10	24.0			
INTERNATIONAL RELATIONS	9	23.9			
LAW	12	23.3			
PARALEGAL/LEGAL ASSISTING	0	0.0			
POLITICAL SCI/GOVERNMENT	14	22.5			
PSYCHOLOGY	27	21.7			
SOCIOLOGY	2	21.0			
URBAN STUDIES	0	0.0			
SOCIAL SCIENCES, GENERAL	29	22.9			
TRADE & INDUSTRIAL (	8)	(18.3)			
AIRCRAFT TECHNICIAN	0	0.0			
AIRPLANE PILOTING & NAVIG	1	23.0			
AUTOMOTIVE BODY REPAIR	0	0.0			
AUTOMOTIVE TECHNOLOGY	1	13.0			
AVIATION MANAGEMENT	1	22.0			
COMPUTER ELECTRNCES/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	5	17.6			

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	15.3	1	16.0	2	15.0	2	15.0	1	16.0
TECHNICAL (06-07)	8	15.6	2	15.0	6	15.8	6	16.2	2	14.0
SCIENCE & TECH (08-09)	10	17.9	2	17.5	7	18.6	5	16.8	5	19.0
ARTS (10-11)	2	15.0	0	0.0	2	15.0	1	13.0	1	17.0
SOCIAL SERVICE (12-01)	2	15.5	1	15.0	0	0.0	0	0.0	2	15.5
OTHER*	10	17.6	6	18.5	3	17.0	3	17.7	7	17.6
TOTAL	35	16.8	12	17.3	20	16.8	17	16.3	18	17.2
<u>PLAN ON 4-YEARS OR MORE OF COLLEGE</u>										
ADMIN & SALES (02-03)	100	22.9	63	22.8	33	22.3	34	23.7	65	22.3
BUSINESS OPER (04-05)	65	22.3	37	22.5	26	22.0	25	22.7	40	22.0
TECHNICAL (06-07)	105	21.7	52	21.8	48	21.8	51	21.8	53	21.7
SCIENCE & TECH (08-09)	192	24.4	88	25.1	96	23.9	68	25.1	123	24.0
ARTS (10-11)	156	23.0	70	23.4	82	22.5	43	24.7	111	22.4
SOCIAL SERVICE (12-01)	95	22.2	45	22.7	45	21.8	21	23.3	73	21.9
OTHER*	390	22.4	153	22.4	182	22.8	158	22.8	231	22.2
TOTAL	1103	22.8	508	23.0	512	22.7	400	23.4	696	22.5

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

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

REFERENCE GROUP	NUMBER OF STUDENTS	ACADEMIC AREA GRADES				HS GPA AVG	HS GPA SD
		ENGLISH	MATH	SOCIAL STUDIES	NATURAL SCIENCE		
MALE	337	3.28	3.28	3.48	3.29	3.34	0.54
FEMALE	636	3.51	3.28	3.52	3.37	3.42	0.51
NO RESPONSE	8	3.33	3.56	3.59	3.15	3.34	0.59
AFRICAN-AMERICAN/BLACK	4	2.78	2.64	2.85	2.00	2.69	0.50
CAUCASIAN-AMERICAN/WHITE	840	3.42	3.27	3.50	3.34	3.38	0.52
OTHER MINORITY	50	3.42	3.31	3.54	3.32	3.41	0.52
MISSING/PREFER NO RESP	87	3.57	3.46	3.60	3.42	3.52	0.51
TOTAL	981	3.43	3.28	3.51	3.34	3.39	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 44, THIS MEANS THAT 44% 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 37 PERCENT OF STUDENTS SCORED BELOW 21.

TABLE 4 EXAMPLE

STD SCORE	ACT COMPOSITE	
	FREQ	CP
36	0	99
35	5	99
34	3	99
33	15	99
32	24	98
31	29	97
30	42	95
29	47	92
28	73	89
27	71	84
26	97	79
25	96	72
24	98	66
23	100	59
22	128	53
21	104	44 <-- 44% OF THE STUDENTS SCORE AT OR BELOW 21
20	107	37 <-- 37% OF THE STUDENTS SCORE BELOW 21
19	90	30
18	99	24
17	78	17
16	68	12
15	40	7
14	30	4
13	14	2
12	13	1
11	4	1
10	1	1
9	0	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

