

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

**STATE COMPOSITE FOR
VERMONT**

CODE 460-000

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

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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	305	267	45/ 39	22.5/20.8	22.4/20.6	23.7/22.0	22.5/21.0	22.9/21.2
2001-02	321	302	40/ 38	22.7/21.0	22.6/21.0	24.1/22.0	22.5/21.0	23.1/21.3
2002-03	335	314	40/ 37	22.9/21.0	22.6/21.2	24.2/22.4	22.7/21.4	23.2/21.6
2003-04	387	355	38/ 35	23.2/21.5	22.9/21.6	24.3/22.8	22.9/21.8	23.5/22.1
2004-05	489	505	37/ 38	23.5/21.3	23.1/21.3	24.4/22.7	23.0/21.6	23.6/21.8

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
2000-01	677	21.8	21.6	23.0	21.8	22.2
2001-02	793	21.9	21.8	23.2	21.8	22.3
2002-03	841	22.1	21.9	23.4	22.0	22.5
2003-04	1008	22.4	22.2	23.5	22.2	22.7
2004-05	1318	22.3	22.1	23.5	22.1	22.6

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
Q3 (75TH PERCENTILE)	26.2	25.9	28.0	24.8	25.9
Q2 (50TH PERCENTILE - MEDIAN)	22.2	21.9	23.4	21.9	22.7
Q1 (25TH PERCENTILE)	18.2	17.6	19.1	19.4	19.1

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= 3) (N= 425) (N= 2) (N= 15) (N= 1)						
ENGLISH	21.0	20.3	23.4	25.0	23.1	25.0
USAGE/MECH	12.0	9.3	11.8	13.0	11.7	15.0
RHET SKILLS	10.0	10.3	12.2	13.5	11.8	11.0
MATHEMATICS	20.3	19.3	23.2	24.5	22.9	30.0
PRE/ELEM-ALG	10.7	9.7	12.3	12.5	12.3	18.0
ALG/CRD-GEOM	10.0	10.0	11.5	12.5	11.8	15.0
PLANE GEOM/TRIG	10.3	10.3	11.8	12.5	11.6	14.0
READING	24.0	22.3	24.3	28.0	23.9	27.0
SOC STU/SCI	11.0	11.3	12.2	14.0	12.1	11.0
ARTS/LITERATURE	13.7	11.3	12.8	15.5	12.3	17.0
SCIENCE	20.3	22.3	23.0	23.5	23.3	27.0
COMPOSITE	21.7	21.3	23.6	25.5	23.5	27.0
LESS THAN CORE (N= 3) (N= 2) (N= 412) (N= 0) (N= 14) (N= 3)						
ENGLISH	22.7	16.0	21.3	0.0	17.7	20.7
USAGE/MECH	11.7	6.5	10.6	0.0	8.1	11.3
RHET SKILLS	11.3	9.5	11.1	0.0	9.6	9.7
MATHEMATICS	18.3	15.0	21.4	0.0	20.9	24.0
PRE/ELEM-ALG	8.7	7.0	11.3	0.0	10.9	12.3
ALG/CRD-GEOM	9.0	8.0	10.6	0.0	10.3	12.3
PLANE GEOM/TRIG	11.0	5.0	10.9	0.0	10.6	13.0
READING	24.3	16.5	22.9	0.0	20.6	19.3
SOC STU/SCI	11.0	10.0	11.5	0.0	10.1	9.3
ARTS/LITERATURE	14.0	6.5	11.8	0.0	10.9	10.7
SCIENCE	19.7	19.5	21.7	0.0	20.6	21.3
COMPOSITE	21.3	17.0	21.9	0.0	20.1	21.3
NO RESPONSE (N= 5) (N= 2) (N= 210) (N= 0) (N= 5) (N= 5)						

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= 11)	(N= 7)	(N= 1047)	(N= 2)	(N= 34)	(N= 9)
ENGLISH	19.7	18.4	22.3	25.0	20.3	22.2
USAGE/MECH	10.1	8.3	11.2	13.0	9.9	11.6
RHET SKILLS	10.1	9.9	11.6	13.5	10.6	11.2
MATHEMATICS	18.4	18.7	22.2	24.5	22.0	22.4
PRE/ELEM-ALG	9.0	9.3	11.8	12.5	11.7	11.4
ALG/CRD-GEOM	9.2	9.7	11.0	12.5	10.9	12.2
PLANE GEOM/TRIG	9.6	9.0	11.3	12.5	11.2	11.8
READING	21.8	20.0	23.5	28.0	21.8	22.8
SOC STU/SCI	10.5	10.4	11.8	14.0	10.9	11.4
ARTS/LITERATURE	11.8	9.9	12.3	15.5	11.3	12.0
SCIENCE	18.7	21.4	22.3	23.5	21.8	22.2
COMPOSITE	19.8	19.9	22.7	25.5	21.6	22.4

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	1 23.0	1 26.0	380 25.4	0 0.0	14 24.6	3 25.3
3.00 - 3.49	1 16.0	1 19.0	186 21.4	2 25.5	8 19.1	0 0.0
2.50 - 2.99	1 24.0	0 0.0	93 18.9	0 0.0	3 18.0	0 0.0
2.00 - 2.49	1 18.0	0 0.0	34 18.1	0 0.0	2 17.5	1 15.0
1.99 & BELOW	1 23.0	0 0.0	4 17.3	0 0.0	0 0.0	0 0.0
CGPA PRED BY STUDENT						
3.5 - 4.0	1 23.0	1 26.0	248 26.0	0 0.0	9 25.3	1 23.0
3.0 - 3.4	4 19.3	3 18.0	398 22.3	2 25.5	13 20.2	1 15.0
2.5 - 2.9	0 0.0	0 0.0	132 19.7	0 0.0	1 14.0	0 0.0
2.0 - 2.4	0 0.0	0 0.0	31 17.1	0 0.0	3 15.0	0 0.0
1.9 & BELOW	0 0.0	0 0.0	6 15.5	0 0.0	0 0.0	0 0.0
HIGH SCHOOL RANK						
TOP QUARTER	1 23.0	2 21.0	400 25.4	0 0.0	15 23.7	2 19.0
2ND QUARTER	1 24.0	2 19.0	241 20.7	2 25.5	6 18.7	0 0.0
BOTTOM HALF	3 17.7	0 0.0	105 18.4	0 0.0	6 17.5	0 0.0

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	173	13	88	7	14	1	5	0
	FEMALE	286	22	175	13	62	5	6	0
	TOTAL	464	35	269	20	76	6	11	1
NO. & VARIETY OF COURSE OFFERINGS	MALE	149	11	74	6	51	4	6	0
	FEMALE	288	22	122	9	118	9	4	0
	TOTAL	441	33	201	15	171	13	10	1
GRADING PRACTICES & POLICIES	MALE	138	10	96	7	40	3	6	0
	FEMALE	264	20	185	14	79	6	4	0
	TOTAL	406	31	288	22	119	9	10	1
NO. & KINDS OF TESTS GIVEN	MALE	132	10	109	8	33	3	4	0
	FEMALE	241	18	218	17	69	5	4	0
	TOTAL	378	29	332	25	103	8	8	1
GUIDANCE SERV PROVIDED BY GUIDANCE OFFICE	MALE	147	11	76	6	50	4	7	1
	FEMALE	268	20	145	11	105	8	13	1
	TOTAL	420	32	223	17	158	12	21	2
SCHOOL RULES, REGULATIONS, & POLICIES	MALE	116	9	98	7	58	4	8	1
	FEMALE	189	14	198	15	135	10	7	1
	TOTAL	308	23	301	23	196	15	15	1
LIBRARY OR LEARNING CENTER	MALE	150	11	96	7	25	2	7	1
	FEMALE	285	22	172	13	69	5	7	1
	TOTAL	438	33	272	21	98	7	14	1
LABORATORY FACILITIES	MALE	146	11	95	7	28	2	9	1
	FEMALE	275	21	186	14	55	4	15	1
	TOTAL	427	32	286	22	83	6	24	2
PROVISIONS FOR SPECIAL HELP IN READING, MATH, ETC	MALE	99	8	88	7	21	2	69	5
	FEMALE	195	15	162	12	54	4	115	9
	TOTAL	299	23	252	19	75	6	188	14
PROVISIONS FOR ACADEMICALLY OUTSTANDING STU	MALE	144	11	84	6	30	2	21	2
	FEMALE	289	22	144	11	71	5	27	2
	TOTAL	438	33	232	18	102	8	49	4
ADEQUACY OF PROG IN CAREER EDUC & PLANNING	MALE	105	8	96	7	50	4	25	2
	FEMALE	212	16	171	13	94	7	52	4
	TOTAL	322	24	270	20	147	11	77	6

NUMBER OF STUDENTS - 1318

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 1318)

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	10	99	2	99	0	99
35	10	99	10	99	18	99	9	99	1	99
34	24	99	17	99	34	98	8	99	8	99
33	28	97	9	98	40	95	12	99	11	99
32	22	95	11	97	40	92	18	98	25	98
31	27	93	22	96	45	89	12	96	26	97
30	36	91	21	95	63	86	12	95	34	95
29	51	89	39	93	58	81	32	94	33	92
28	53	85	46	90	45	77	36	92	61	90
27	54	81	91	86	89	73	40	89	80	85
26	72	77	103	80	82	66	82	86	79	79
25	83	71	75	72	41	60	97	80	109	73
24	87	65	97	66	82	57	104	73	105	65
23	79	58	86	59	104	51	130	65	111	57
22	93	52	52	52	52	43	113	55	89	48
21	80	45	75	48	74	39	141	46	97	41
20	90	39	95	43	91	33	129	36	85	34
19	77	32	70	35	48	27	100	26	89	28
18	65	26	75	30	46	23	69	18	79	21
17	58	22	103	24	47	19	50	13	40	15
16	47	17	120	17	58	16	37	9	63	12
15	67	14	53	7	39	11	31	6	47	7
14	32	8	25	3	46	8	20	4	23	3
13	21	6	15	2	27	5	13	3	15	2
12	23	4	3	1	25	3	8	2	5	1
11	13	3	1	1	12	1	7	1	2	1
10	12	2	0	1	2	1	3	1	1	1
9	6	1	1	1	0	1	3	1	0	1
8	2	1	0	1	0	1	0	1	0	1
7	3	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	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	65	5	39	3	102	8	31	2	20	2
28-32	189	14	139	11	251	19	110	8	179	14
24-27	296	22	366	28	294	22	323	25	373	28
20-23	342	26	308	23	321	24	513	39	382	29
16-19	247	19	368	28	199	15	256	19	271	21
13-15	120	9	93	7	112	8	64	5	85	6
01-12	59	4	5	0	39	3	21	2	8	1

AVG(SD) 22.3(5.8) 22.1(5.1) 23.5(6.1) 22.1(4.5) 22.6(4.7)

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 = 1318)

STD SCORE	USAGE/MECH		RHET SKILLS		SOC STU/SCI		ARTS/LIT		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	
18	59	99	8	99	34	99	94	99	18
17	74	96	23	99	90	97	116	93	17
16	58	90	101	98	104	91	108	84	16
15	97	86	100	90	98	83	130	76	15
14	83	78	146	82	129	75	86	66	14
13	102	72	125	71	106	65	104	59	13
12	125	64	174	62	146	57	166	52	12
11	143	55	141	49	115	46	93	39	11
10	118	44	166	38	117	38	82	32	10
9	124	35	129	25	130	29	84	26	9
8	101	25	86	16	107	19	76	19	8
7	92	18	54	9	61	11	69	14	7
6	75	11	36	5	40	6	47	8	6
5	30	5	17	2	17	3	39	5	5
4	25	3	10	1	9	2	21	2	4
3	9	1	2	1	10	1	3	1	3
2	3	1	0	1	3	1	0	1	2
1	0	1	0	1	2	1	0	1	1
AVERAGE	11.2		11.5		11.8		12.3		
S.D.	3.7		2.9		3.5		3.8		

STD SCORE	PRE/ELEM	ALG	ALG/CRD-GEOM		PLN	GEOM/TRIG	STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	
18	53	99	19	99	10	99	18
17	55	96	18	99	17	99	17
16	78	92	32	97	52	98	16
15	88	86	48	95	84	94	15
14	168	79	162	91	127	88	14
13	127	66	103	79	160	78	13
12	104	57	213	71	187	66	12
11	140	49	138	55	113	52	11
10	120	38	164	44	258	43	10
9	78	29	191	32	95	24	9
8	155	23	102	17	79	16	8
7	99	12	43	10	72	10	7
6	40	4	33	6	30	5	6
5	9	1	28	4	3	3	5
4	3	1	11	2	20	2	4
3	1	1	7	1	1	1	3
2	0	1	4	1	10	1	2
1	0	1	2	1	0	1	1
AVERAGE		11.7	11.0		11.2		
S.D.		3.3	2.9		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	486	21.3	5.7	22.9	5.4	22.6	6.2	22.5	4.6	22.4	4.8
FEMALES	815	22.8	5.7	21.6	4.8	23.9	6.0	21.9	4.3	22.7	4.6
NO RESPONSE	17	23.4	6.4	22.3	5.0	25.2	5.7	22.7	5.6	23.5	5.1

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	4	6	4	2	7	8	3	2	2	1		
28-32	11	16	15	8	14	22	9	8	12	14		
24-27	21	23	28	27	22	22	27	23	28	29		
20-23	24	27	20	25	25	24	36	41	27	30		
16-19	23	16	26	29	18	13	19	20	24	19		
13-15	11	8	6	8	10	7	5	5	7	6		
01-12	6	4	0	0	4	2	1	2	0	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	190	21	24.4	1	5	1	4	156	24	32	17
GOOD	364	41	22.8	11	52	11	44	260	39	82	45
AVERAGE	159	18	21.2	5	24	8	32	111	17	35	19
BELOW AVERAGE	34	4	20.5	2	10	0	0	21	3	11	6
VERY INADEQUATE	55	6	22.2	1	5	1	4	41	6	12	7
NO RESPONSE	87	10	22.9	1	5	4	16	71	11	11	6
NO. OF STUDENTS	889			21		25		660		183	

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	1318	22.3	5.8	22.1	5.1	23.5	6.1	22.1	4.5	22.6	4.7
COLLEGE CORE											
E4, M3, SS3, NS3	489	23.5	5.6	23.1	5.2	24.4	5.9	23.0	4.5	23.6	4.7
In between	316	21.6	5.8	21.8	4.9	23.0	6.0	21.9	4.3	22.2	4.6
E4, M2, SS2, NS2	189	20.7	6.0	20.4	4.5	22.3	6.3	21.1	4.3	21.3	4.7
No Response	324	22.0	5.5	21.8	5.1	23.2	6.0	21.7	4.6	22.3	4.6
HS GPA RANGES											
3.50 - 4.00	447	25.2	5.2	24.9	4.6	26.3	5.4	24.2	4.2	25.3	4.1
3.00 - 3.49	222	21.0	5.0	20.6	4.3	22.1	5.4	21.1	3.7	21.3	3.9
2.50 - 2.99	107	18.3	4.7	17.9	3.4	19.5	5.0	19.4	3.7	18.9	3.6
2.00 - 2.49	43	16.0	4.3	17.9	3.2	18.0	4.6	18.7	3.9	17.8	3.4
1.99 & below	5	17.4	5.6	17.8	2.6	18.2	2.1	19.2	2.2	18.4	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	143	11	3.55	23.0	23.2
ENG 9, ENG 10, ENG 11, ENG 12	738	56	3.45	22.3	22.7
LESS THAN 4 YEARS OF ENGLISH	109	8	3.44	21.7	22.2
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	328	25	- . -	21.9	22.3
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	113	9	3.67	25.7	25.4
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	90	7	3.28	21.9	22.8
ALG 1, ALG 2, GEOM, TRIG	106	8	3.26	20.9	22.2
ALG 1, ALG 2, GEOM, OTHER ADV MATH	117	9	3.17	21.4	22.1
ALG 1, ALG 2, GEOM	108	8	2.83	17.9	19.2
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	242	18	3.63	25.6	25.3
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	68	5	3.39	21.9	22.8
LESS THAN 3 YEARS OF MATH	122	9	2.80	18.5	19.3
NO MATH COURSE/GRADE INFORMATION REPORTED	352	27	- . -	21.7	22.2
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	76	6	3.48	26.1	24.6
US HIST, WORLD HIST, AM GOVT	59	4	3.65	24.6	23.5
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	179	14	3.58	23.7	22.9
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	278	21	3.55	23.6	22.8
LESS THAN 3 YEARS OF SOC SCI	377	29	3.46	22.8	22.1
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	349	26	- . -	23.2	22.2
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	472	36	3.49	23.3	23.8
BIOLOGY, CHEMISTRY, PHYSICS	97	7	3.52	23.2	23.9
GEN SCIENCE, BIOLOGY, CHEMISTRY	248	19	3.29	21.3	21.8
OTHER COMBINATIONS OF 3 YEARS NAT SCI	39	3	3.06	20.1	20.5
LESS THAN 3 YEARS OF NAT SCI	110	8	2.90	20.5	20.3
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	352	27	- . -	21.7	22.2

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	44	9	3.50	21.8	23.0
ENG 9, ENG 10, ENG 11, ENG 12	248	51	3.27	21.4	22.7
LESS THAN 4 YEARS OF ENGLISH	41	8	3.30	20.8	22.0
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	153	31	- . -	21.0	21.9
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	33	7	3.59	25.8	25.0
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	21	4	2.85	22.0	22.1
ALG 1, ALG 2, GEOM, TRIG	33	7	3.09	21.5	21.3
ALG 1, ALG 2, GEOM, OTHER ADV MATH	38	8	3.09	22.0	22.2
ALG 1, ALG 2, GEOM	32	7	2.57	19.4	19.7
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	109	22	3.63	26.7	25.2
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	20	4	3.21	21.2	21.0
LESS THAN 3 YEARS OF MATH	40	8	3.00	18.6	18.8
NO MATH COURSE/GRADE INFORMATION REPORTED	160	33	- . -	22.2	21.9
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	31	6	3.40	25.0	24.2
US HIST, WORLD HIST, AM GOVT	19	4	3.40	22.5	21.7
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	67	14	3.44	22.6	22.9
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	73	15	3.55	23.7	23.6
LESS THAN 3 YEARS OF SOC SCI	135	28	3.36	21.9	21.9
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	161	33	- . -	22.2	21.9
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	184	38	3.42	23.7	23.6
BIOLOGY, CHEMISTRY, PHYSICS	33	7	3.48	22.6	23.1
GEN SCIENCE, BIOLOGY, CHEMISTRY	50	10	3.11	22.5	22.2
OTHER COMBINATIONS OF 3 YEARS NAT SCI	18	4	2.77	19.8	19.9
LESS THAN 3 YEARS OF NAT SCI	42	9	2.81	20.7	19.9
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	159	33	- . -	21.9	21.9

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FOR FEMALES

ENGLISH COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS ENGLISH	ACT ENGLISH	ACT COMP
ENG 9, ENG 10, ENG 11, ENG 12, SPEECH	96	12	3.58	23.4	23.2
ENG 9, ENG 10, ENG 11, ENG 12	483	59	3.54	22.8	22.7
LESS THAN 4 YEARS OF ENGLISH	68	8	3.51	22.3	22.3
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	168	21	- . -	22.8	22.5
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	79	10	3.70	25.6	25.5
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	68	8	3.42	21.8	22.9
ALG 1, ALG 2, GEOM, TRIG	71	9	3.33	20.7	22.5
ALG 1, ALG 2, GEOM, OTHER ADV MATH	78	10	3.19	21.0	22.1
ALG 1, ALG 2, GEOM	75	9	2.92	17.2	19.0
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	131	16	3.63	24.7	25.3
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	48	6	3.46	22.2	23.5
LESS THAN 3 YEARS OF MATH	80	10	2.68	18.5	19.6
NO MATH COURSE/GRADE INFORMATION REPORTED	185	23	- . -	21.2	22.5
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	45	6	3.53	26.8	24.9
US HIST, WORLD HIST, AM GOVT	39	5	3.76	25.6	24.3
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	109	13	3.65	24.1	22.7
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	203	25	3.55	23.5	22.5
LESS THAN 3 YEARS OF SOC SCI	238	29	3.53	23.3	22.3
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	181	22	- . -	24.0	22.5
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	283	35	3.53	23.0	23.8
BIOLOGY, CHEMISTRY, PHYSICS	63	8	3.55	23.6	24.4
GEN SCIENCE, BIOLOGY, CHEMISTRY	195	24	3.34	20.9	21.6
OTHER COMBINATIONS OF 3 YEARS NAT SCI	21	3	3.28	20.4	21.0
LESS THAN 3 YEARS OF NAT SCI	67	8	2.95	20.5	20.6
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	186	23	- . -	21.5	22.4

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	21	20.4	29	48	3	3	2	3	3	3
ARCH & ENVIR DESIGN	22	23.2	55	36	3	3	2	3	3	3
BUSINESS & MGMT	67	20.8	40	52	12	11	7	7	9	8
BUSINESS & OFFICE	3	22.7	67	33	0	0	1	1	0	1
MARKETING & DISTRIBUTION	3	24.3	33	33	0	0	1	0	0	0
COMMUNICATION & COMM TEC	23	21.6	30	43	3	4	3	3	3	3
COMMUNITY & PRSNL SVCS	11	20.5	64	27	0	1	2	3	1	2
COMPUTER & INFO SCI	28	24.2	46	43	9	10	1	0	4	4
CROSS-DISC STUDIES	5	24.0	20	60	1	0	0	0	1	0
EDUCATION	33	20.8	48	27	0	2	6	8	4	6
TEACHER EDUCATION	17	20.3	41	41	2	2	2	3	2	3
ENGINEERING	27	24.1	33	48	8	7	1	1	3	3
ENGINEERING-RELATED TECH	18	21.1	33	50	6	6	0	0	2	2
FOREIGN LANGUAGES	5	29.2	40	60	0	0	1	1	1	1
HEALTH SCI & ALLIED HLTH	113	22.8	53	29	7	8	19	22	15	17
HUMAN, FAMILY/CONS SCI	14	20.1	36	50	1	1	2	2	2	2
LETTERS	17	25.2	29	59	2	1	2	1	2	1
MATHEMATICS	7	28.1	57	14	1	1	1	0	1	1
PHILOS, RELIG & THEOL	6	21.7	83	17	1	1	1	1	1	1
SCI (BIOL & PHYSICAL)	77	24.3	36	52	9	7	11	8	10	7
SOCIAL SCIENCES	86	24.0	36	49	8	8	13	11	11	10
TRADE & INDUSTRIAL	7	20.6	57	43	2	3	0	0	1	1
VISUAL & PERFORM ARTS	61	22.9	46	36	8	8	8	7	8	8
UNDECIDED	101	22.4	16	12	12	11	14	14	13	13
NO RESPONSE	546									

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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	46	18.8	3	AFRICAN-AMER/BLACK	11	19.8	1
COLL PREP	660	23.6	50	AM INDIAN,ALASKAN NTV	7	19.9	1
OTHER/GENERAL/NO RESP	612	21.8	46	CAUCASIAN-AMER/WHITE	1047	22.7	79
REQUEST ASSISTANCE WITH				MEXICAN-AMER/CHICANO	2	25.5	0
ED/OCCUP PLANS	318	22.5	24	ASIAN-AMER,PACIFIC ISL	34	21.6	3
EXPR IDEAS IN WRITING	190	21.0	14	PUERTO RICAN,HISPANIC	9	22.4	1
READING/COMPREHENSION	210	20.1	16	OTHER	32	19.1	2
STUDY SKILLS	313	20.5	24	MULTIRACIAL	15	22.5	1
MATH SKILLS	311	20.4	24	PREFER NOT TO RESPOND	53	23.5	4
PERSONAL CONCERNS	54	21.2	4	NO RESPONSE	108	23.1	8
EXPRESSED FIN NEED				ESTIMATED FAMILY INCOME			
NEED FINANCIAL AID	872	22.5	66	LESS THAN \$18,000	33	18.3	3
NEED TO FIND WORK	656	22.3	50	ABOUT \$18,000-\$24,000	40	21.0	3
SPECIAL COLLEGE PROG				ABOUT \$24,000-\$30,000	48	21.7	4
INDEP STUDY	440	23.7	33	ABOUT \$30,000-\$36,000	48	21.3	4
HONORS COURSES	359	25.2	27	ABOUT \$36,000-\$42,000	54	22.0	4
ADV PLACEMENT IN COLL				ABOUT \$42,000-\$50,000	69	22.0	5
ENGLISH	312	24.9	24	ABOUT \$50,000-\$60,000	93	21.6	7
MATH	245	25.1	19	ABOUT \$60,000-\$80,000	151	22.6	11
SOCIAL STUDIES	268	24.6	20	ABOUT \$80,000-\$100,000	105	23.8	8
NATURAL SCIENCE	257	24.8	19	MORE THAN \$100,000	135	24.4	10
FOREIGN LANG	210	25.4	16	NO RESPONSE	542	22.8	41
MAX YEARLY COLL TUITION				HS CLASS RANK			
\$1000 & UNDER	12	18.3	1	TOP QTR	464	25.3	35
\$1001 - \$2000	5	17.8	0	2ND QTR	281	20.7	21
\$2001 - \$4000	20	19.1	2	3RD QTR	116	18.4	9
\$4001 - \$7500	85	20.4	6	4TH QTR	10	16.3	1
\$7501 & OVER	64	20.6	5	NO RESPONSE	447	22.2	34
NO PREFERENCE	650	23.3	49	EDUC DEG ASPIRATION			
NO RESPONSE	482	22.6	37	VOC-TECH	4	19.0	0
MOST RECENTLY TESTED				2YR COL DEGREE	34	17.9	3
SOPHOMORE	3	23.7	0	BACHELORS DEGREE	389	21.1	30
JUNIOR	507	23.9	38	GRAD STUDY	278	24.3	21
SENIOR	773	21.7	59	PROF LEVEL DEGREE	244	24.6	19
OTHER/NO RESPONSE	35	23.5	3	OTHER	24	19.7	2
COLLEGE CORE PREPARATION				NO RESPONSE	345	22.2	26
CORE OR MORE	489	23.6	37	NUMBER OF STUDENTS			
LESS THAN CORE	505	21.8	38	HOME SCHOOLED	7	22.1	1
NO RESPONSE	324	22.3	25	EARNED A GED	0	0.0	0
				ALL STUDENTS	1318	22.6	100

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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
4322 UNIV OF VERMONT	VT	207	81	126	0	5	21	30	33	10	1
4298 CHAMPLAIN COLLEGE	VT	57	15	42	0	9	42	32	16	2	0
4314 CASTLETON STATE COLL	VT	57	24	33	0	18	42	25	14	2	0
4312 SAINT MICHAEL'S COLL	VT	56	15	41	0	5	30	32	21	11	0
4323 VERMONT TECH COLL	VT	49	19	30	0	18	41	31	10	0	0
4306 MIDDLEBURY COLLEGE	VT	47	22	25	0	0	6	9	47	36	2
1880 NORTHEASTERN UNIV	MA	41	10	31	0	2	15	20	46	15	2
2524 U OF NEW HAMPSHIRE	NH	37	8	29	0	5	16	35	32	11	0
4316 JOHNSON STATE COLL	VT	36	13	23	3	31	42	8	17	0	0
1794 BOSTON UNIVERSITY	MA	30	7	23	0	3	7	20	47	20	3
1788 BOSTON COLLEGE	MA	29	9	20	0	0	0	10	48	31	10
2508 DARTMOUTH COLLEGE	NH	25	9	16	0	0	0	16	36	44	4
1922 TUFTS UNIVERSITY	MA	22	7	15	0	0	0	9	45	41	5
4308 NORWICH UNIVERSITY	VT	22	10	12	0	14	41	27	14	5	0
4318 LYNDON STATE COLLEGE	VT	22	5	17	5	23	59	5	5	5	0
1924 U OF MASS AMHERST	MA	21	3	18	0	5	29	33	24	10	0
2510 KEENE STATE COLLEGE	NH	20	5	15	5	15	55	10	10	5	0
1644 U SOUTHERN MAINE	ME	18	4	14	0	11	28	28	33	0	0
2772 ITHACA COLLEGE	NY	18	8	10	0	0	11	39	33	17	0
1660 UNIV OF NEW ENGLAND	ME	17	5	12	0	6	47	18	18	12	0
2968 SYRACUSE UNIVERSITY	NY	17	5	12	0	0	18	24	35	24	0
2896 ST LAWRENCE UNIV	NY	16	1	15	0	0	13	25	44	19	0
2906 SKIDMORE COLLEGE	NY	16	5	11	0	0	0	38	38	25	0
5231 MCGILL UNIVERSITY	CN	16	7	9	0	0	0	44	25	19	13
1638 COLBY COLLEGE	ME	15	4	11	0	0	13	27	40	20	0
1664 U OF MAINE-ORONO	ME	15	2	13	0	0	27	53	13	7	0
2726 CORNELL UNIVERSITY	NY	15	5	10	0	0	0	27	53	20	0
3800 BROWN UNIVERSITY	RI	15	6	9	0	0	7	7	33	47	7
2514 S NEW HAMPSHIRE UNIV	NH	14	4	10	7	7	36	36	14	0	0
0604 UNIV OF CONNECTICUT	CT	13	3	10	0	8	31	23	31	8	0
2870 ROCHESTER INST TECH	NY	13	5	8	0	0	31	31	15	23	0
3818 UNIV OF RHODE ISLAND	RI	13	3	10	0	8	46	31	15	0	0
2506 COLBY-SAWYER COLLEGE	NH	12	3	9	0	0	33	50	8	8	0
3162 UNC AT CHAPEL HILL	NC	12	3	9	0	0	0	42	17	33	8
3814 ROGER WILLIAMS UNIV	RI	12	5	7	0	8	33	33	25	0	0
ALL OTHER INSTITUTIONS		1165	284	881	0	5	22	29	27	16	2
TOTALS		2210	624	1586	0	6	23	28	27	15	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	(21)	(20.4)	BUSINESS & OFFICE	(3)	(22.7)
AGRICULTURAL BUSINESS	1	23.0	BOOKKEEPING/ACCT TECH	1	23.0
AGRICULTURAL ECONOMICS	0	0.0	BUSINESS DP/COMPUTER OPER	0	0.0
AGRICULTURAL MECHANICS	1	19.0	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	8	20.5	TYPING & GENERAL OFFICE	0	0.0
FARM & RANCH MANAGEMENT	1	18.0	WORD PROCESSING	0	0.0
FISH, GAME, WILDLIFE MGMT	1	21.0	BUSINESS & OFFICE, GEN	2	22.5
FOOD SCIENCES/ENGINEERING	0	0.0			
FORESTRY & RELATED SCI	2	19.0	MARKETING & DISTRIBUTION	(3)	(24.3)
HORTICULTURE/ORNMENTAL HORT	2	14.5	FASHION MERCHANDISING	0	0.0
NATURAL RESOURCES MGMT	0	0.0	RETAILING & SALES	0	0.0
AGRICULTURE & AG TECH, GEN	5	23.4	TRAVEL SERVICES & TOURISM	1	25.0
			MARKETING & DISTRIB, GEN	2	24.0
ARCH & ENVIR DESIGN	(22)	(23.2)			
ARCHITECTURAL DRAFTING	1	15.0	COMMUNICATIONS & COMM TECH	(23)	(21.6)
ARCHITECTURE	7	24.6	ADVERTISING	1	23.0
BLDG CON/CONSTRUCTION SCI	0	0.0	GRAPHIC/COMMERCIAL ART	2	16.5
CITY, COMM & REG PLANNING	0	0.0	GRAPHIC & PRINT COMMUNIC	1	15.0
ENVIRONMENTAL DESIGN	1	25.0	JOURNALISM	3	25.7
INTERIOR DESIGN	2	17.0	PHOTO/FILM/VIDEO TECH	1	19.0
LANDSCAPE ARCHITECTURE	0	0.0	PUBLIC RELATIONS	2	17.0
ARCHI & ENVIR DESIGN, GEN	11	24.1	RADIO/TV BROADCASTING	1	20.0
			RADIO/TV PRODUCTN & TECH	0	0.0
BUSINESS & MGMT	(67)	(20.8)	COMMUNIC & COMM TECH, GEN	12	22.9
ACCOUNTING	6	18.2			
BANKING & FINANCE	1	17.0	COMMNTY & PRSNL SVCS	(11)	(20.5)
BUSINESS ADMIN & MGMT	8	23.4	CORRECTIONS	0	0.0
BUSINESS ECONOMICS	1	23.0	COSMETOLOGY/HAIRSTYLING	0	0.0
CONTRACT MGMT & PURCHSING	0	0.0	CRIMINAL JUSTICE/CRIMINOL	6	20.7
HOTEL/RESTAURANT MGMT	3	16.3	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	1	17.0
INSURANCE & RISK MGMT	0	0.0	LIBRARY SCI/LIB ASSISTING	0	0.0
INTERNATL BUSINESS/MGMT	4	23.3	MILITARY SCIENCE/TECH	0	0.0
LABOR/INDUSTRL RELATIONS	0	0.0	PARKS & RECREATION	0	0.0
MANAGEMENT INFO SYSTEMS	1	34.0	PUBLIC ADMINISTRATION	0	0.0
MANAGEMENT SCIENCE	1	17.0	PUBLIC AFFAIRS	0	0.0
MARKETING MGMT & RESEARCH	1	21.0	SOCIAL WORK	2	21.5
ORGANIZATIONAL BEHAVIOR	0	0.0	COMMNTY & PRSNL SVCS, GEN	2	21.0
PERSONNEL MANAGEMENT	0	0.0			
REAL ESTATE	1	15.0			
SML BUSINESS MGMT/OWNRSHIP	4	20.3			
TRADE & INDUSTRIAL MGMT	0	0.0			
TRANSPORTATION MANAGEMENT	0	0.0			
BUSINESS & MGMT, GEN	36	20.8			

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TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	(28)	(24.2)	ENGINEERING	(27)	(24.1)
COMPUTER PROGRAMMING	8	26.3	AEROSPACE ENGINEERING	4	24.0
COMPUTER SCIENCE	7	24.6	AGRICULTURAL ENGINEERING	0	0.0
DATA PROCESSING	0	0.0	ARCHITECTURAL ENGINEERING	0	0.0
INFO SCIENCES & SYSTEMS	1	34.0	BIOENGINEER & BIOMED ENG	1	26.0
MATH/COMPUTER SCIENCE	0	0.0	CERAMIC ENGINEERING	0	0.0
COMPUTER & INFO SCI, GEN	12	21.8	CHEMICAL ENGINEERING	0	0.0
			CIVIL ENGINEERING	1	25.0
CROSS-DISC STUDIES	(5)	(24.0)	COMPUTER ENGINEERING	0	0.0
AREA & ETHNIC STUDIES	0	0.0	CONSTRUCTION ENG/MGMT	0	0.0
LIBERAL ARTS/GEN STUDIES	1	15.0	ELECTRCL & ELECTRONIC ENG	0	0.0
MULTI-/INTERDISC STUDIES	1	26.0	ENGINEERING MANAGEMENT	0	0.0
CROSS-DISC STUDIES, GEN	3	26.3	ENGINEERING PHYSICS	0	0.0
			ENGINEERING SCIENCE	0	0.0
EDUCATION	(33)	(20.8)	ENVIRONMENTAL HEALTH ENG	1	28.0
ADULT & CONTINUING EDUC	0	0.0	GEOLOGICAL & GEOPHYS ENG	0	0.0
EDUCATION ADMINISTRATION	0	0.0	INDUSTRIAL ENGINEERING	0	0.0
ELEMENTARY EDUCATION	14	19.9	MATERIALS ENGINEERING	0	0.0
JR HIGH/MIDDLE SCH EDUC	1	15.0	MECHANICAL ENGINEERING	11	23.9
PRE-ELEMENTARY EDUCATION	2	20.0	METALLURGICAL ENGINEERING	0	0.0
SECONDARY EDUCATION	1	19.0	MINING & MINERAL ENG	0	0.0
STUDENT COUNSELING	0	0.0	NAVAL ARCHIT & MARINE ENG	0	0.0
TEACHER AIDE	0	0.0	NUCLEAR ENGINEERING	0	0.0
EDUCATION, GENERAL	15	22.4	OCEAN ENGINEERING	0	0.0
			PETROLEUM ENGINEERING	0	0.0
TEACHER EDUCATION	(17)	(20.3)	SYSTEMS ENGINEERING	0	0.0
AGRICULTURAL EDUCATION	0	0.0	ENGINEERING, GENERAL	9	23.7
ART EDUCATION	2	20.5			
BUSINESS EDUCATION	0	0.0	ENGINEERING-RELATED TECH	(18)	(21.1)
ENGLISH EDUCATION	1	22.0	AERONAUTICAL TECHNOLOGY	0	0.0
FOREIGN LANGUAGES EDUC	1	18.0	AC, HEATING, REFRIG TECH	0	0.0
HEALTH EDUCATION	0	0.0	ARCHITECTURAL DESIGN TECH	0	0.0
HUMAN, FAM/CONS SCI EDUC	0	0.0	BIOMEDICAL EQUIPMENT TECH	1	28.0
INDUSTRIAL ARTS EDUCATION	0	0.0	CIVIL ENGINEERING TECH	0	0.0
MATHEMATICS EDUCATION	0	0.0	COMPUTER ENGINEERING TECH	0	0.0
MUSIC EDUCATION	2	27.0	CONSTRUCTION/BLDG TECH	1	15.0
PHYSICAL EDUCATION	4	19.8	DRAFTING & DESIGN TECH	0	0.0
SCIENCE EDUCATION	0	0.0	ELECTRICAL ENG TECHNOLOGY	2	21.0
SOC STUDIES/SOC SCI EDUC	0	0.0	ELECTRONIC ENG TECHNOLOGY	0	0.0
SPECIAL EDUCATION	0	0.0	ELECTROMECHAN INSTR TECH	0	0.0
SPEECH CORRECTION EDUC	0	0.0	ENVIRONMENTAL CONTRL TECH	0	0.0
TEACHING ENGL AS 2ND LANG	1	20.0	INDUSTRIL PRODUCTION TECH	0	0.0
TECH/TRADE & IND ED	0	0.0			
TEACHER EDUCATION, OTHER	0	0.0			
TEACHER EDUCATION, GEN	6	18.5			

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)	(20.1)
MANUFACTURING TECHNOLOGY	0	0.0	CHILD DEV, CARE, GUIDANCE	2	25.0
MECHANICAL ENG TECH	5	22.8	CHILD CARE AIDE/ASSISTING	1	19.0
MINING & PETROLEUM TECH	0	0.0	CULINARY ARTS	3	18.0
OCCUPATL SFTY & HLTH TECH	0	0.0	FAMILY/CONS RESOURCE MGMT	0	0.0
SURVEYING & MAPPING TECH	0	0.0	FASHION DESIGN	1	21.0
ENGINEERING TECH, OTHER	0	0.0	FOOD PRODUCTN, MGMT, SVCS	1	19.0
ENGINEER-RELATD TECH, GEN	9	20.1	FOOD SCI & NUTR/DIETETICS	3	21.7
FOREIGN LANGUAGES	(5)	(29.2)	HUMAN ENVIRON & HOUSING	0	0.0
ASIATIC LANGUAGES	0	0.0	INDIVIDUAL & FAMILY DEVEL	0	0.0
CLASSICAL LANGUAGES	1	32.0	TEXTILES AND CLOTHING	0	0.0
FRENCH	1	26.0	HUMAN, FAM/CONS SCI, GEN	3	17.7
GERMAN	0	0.0	LETTERS	(17)	(25.2)
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	5	24.6
SPANISH	0	0.0	ENGLISH, GENERAL	9	25.3
FOREIGN LANGUAGES, OTHER	0	0.0	LINGUISTICS	0	0.0
FOREIGN LANGUAGES, GEN	3	29.3	LITERATURE, ENGLISH/AMER	0	0.0
HEALTH SCI & ALLIED HLTH	(113)	(22.8)	SPEECH & RHETORICAL STUDY	0	0.0
CHIROPRACTIC	0	0.0	LETTERS, GENERAL	3	25.7
DENTAL ASSISTING	0	0.0	MATHEMATICS	(7)	(28.1)
DENTAL HYGIENE	3	20.7	ACTUARIAL SCIENCES	0	0.0
DENTAL LAB/TECHNOLOGY	0	0.0	APPLIED MATHEMATICS	1	22.0
DENTISTRY	0	0.0	STATISTICS	0	0.0
EMERG MED TECH/PARAMEDIC	0	0.0	MATHEMATICS, GENERAL	6	29.2
HEALTH CARE ADMIN	2	18.5	PHILOS, RELIG & THEOLOGY	(6)	(21.7)
MEDICAL/SURG ASSISTING	1	25.0	BIBLE STUDIES	0	0.0
MEDICAL LAB/TECHNOLOGY	1	28.0	PHILOSOPHY	2	23.0
MED RECORDS ADMIN/TECH	0	0.0	RELIGION	0	0.0
MEDICINE	22	25.8	RELIGIOUS EDUCATION	0	0.0
MNTL HLTH & HUM SVCS/TECH	0	0.0	RELIGIOUS MUSIC	0	0.0
NUCLEAR MEDICINE TECH	0	0.0	THEOLOGY	1	26.0
NURSING (PRACTICAL)	1	23.0	PHILOS, RELIG & THEOL, GEN	3	19.3
NURSING (REGISTERED)	19	21.5			
OCCUPATNL THERAPY/ASSIST	0	0.0			
OPTOMETRY	1	21.0			
PHARMACY	7	22.6			
PHYSICIAN ASSISTING	0	0.0			
PHYSICAL THERAPY/ASSIST	9	21.3			
RADIOLOGY/RADIOLOGIC TECH	1	19.0			
REC/ART/MUSIC THERAPY	0	0.0			
RESPIRATORY THERAPY/TECH	0	0.0			
SPEECH PATHOL/AUDIOLOGY	1	22.0			
VETERINARIAN ASSISTING	1	14.0			
VETERINARY MEDICINE	6	24.5			
HEALTH SCI & ALLIED, GEN	38	22.4			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL) (	77)	(24.3)	VISUAL/PERFORM ARTS	(61)	(22.9)
ASTRONOMY	0	0.0	APPLIED DESIGN/CRAFTS	3	20.3
ATMOSPHER SCI & METEOROL	1	24.0	ART	7	22.1
BIOCHEMISTRY & BIOPHYSICS	6	25.5	ART HIST & APPRECIATION	0	0.0
BIOLOGY	31	24.9	CINEMATOGRAPHY/FILM/VIDEO	5	22.2
BOTANY	1	29.0	DANCE	3	21.0
CHEMISTRY	5	25.6	DESIGN, GENERAL	2	21.5
EARTH SCIENCE	1	18.0	DRAMA/THEATRE ARTS	5	23.8
ECOLOGY/ENV STUDIES	2	22.0	FINE ARTS, GENERAL	1	22.0
GEOLOGY	0	0.0	GRAPHIC ARTS TECHNOLOGY	1	23.0
MICROBIOLOGY	0	0.0	GRAPHIC DESIGN	4	19.3
OCEANOGRAPHY	3	18.7	MUSIC (LIBERAL ARTS)	2	28.0
PHYSICS	0	0.0	MUSIC PERFORMANCE	6	24.7
ZOOLOGY	5	22.0	MUSIC THEORY & COMPOSIT	2	23.0
SCIENCES (BIO & PHYS), GEN	22	24.3	PHOTOGRAPHY	2	21.5
			VISUAL/PERFORM ARTS, GEN	18	23.7
SOCIAL SCIENCES (	86)	(24.0)	UNDECIDED	(101)	(22.4)
ANTHROPOLOGY	1	20.0			
ECONOMICS	1	32.0			
GEOGRAPHY	0	0.0			
HISTORY	8	24.6			
INTERNATIONAL RELATIONS	9	26.2			
LAW	11	23.4			
PARALEGAL/LEGAL ASSISTING	1	15.0			
POLITICAL SCI/GOVERNMENT	11	24.9			
PSYCHOLOGY	28	22.9			
SOCIOLOGY	3	29.3			
URBAN STUDIES	0	0.0			
SOCIAL SCIENCES, GENERAL	13	23.5			
TRADE & INDUSTRIAL (	7)	(20.6)			
AIRCRAFT TECHNICIAN	0	0.0			
AIRPLANE PILOTING & NAVIG	3	19.7			
AUTOMOTIVE BODY REPAIR	0	0.0			
AUTOMOTIVE TECHNOLOGY	2	24.0			
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	1	19.0			
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	1	18.0			

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)	1	14.0	0	0.0	1	14.0	0	0.0	1	14.0
BUSINESS OPER (04-05)	5	16.2	1	20.0	4	15.3	3	16.0	2	16.5
TECHNICAL (06-07)	11	18.7	3	22.7	8	17.3	5	18.6	5	19.6
SCIENCE & TECH (08-09)	5	17.6	0	0.0	5	17.6	1	21.0	4	16.8
ARTS (10-11)	3	15.7	0	0.0	3	15.7	1	19.0	2	14.0
SOCIAL SERVICE (12-01)	1	20.0	0	0.0	1	20.0	0	0.0	1	20.0
OTHER*	12	19.1	1	25.0	10	19.0	5	17.2	7	20.4
TOTAL	38	18.0	5	22.6	32	17.4	15	17.8	22	18.3
<u>PLAN ON 4-YEARS OR MORE OF COLLEGE</u>										
ADMIN & SALES (02-03)	57	22.2	38	21.8	18	22.9	20	23.3	37	21.6
BUSINESS OPER (04-05)	53	22.0	32	22.6	19	21.2	17	23.1	36	21.5
TECHNICAL (06-07)	98	22.1	42	22.4	49	21.6	60	22.1	37	22.2
SCIENCE & TECH (08-09)	222	23.5	111	24.6	101	22.0	78	23.3	140	23.5
ARTS (10-11)	113	23.8	64	24.6	44	22.4	30	23.3	81	24.0
SOCIAL SERVICE (12-01)	77	23.4	37	23.6	36	23.1	26	23.5	49	23.0
OTHER*	291	22.9	116	23.7	126	22.3	87	23.1	202	22.8
TOTAL	911	23.0	440	23.7	393	22.2	318	23.0	582	23.0

* 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	ACADEMIC AREA GRADES				HS GPA AVG	HS GPA SD
		ENGLISH	MATH	SOCIAL STUDIES	NATURAL SCIENCE		
MALE	273	3.30	3.28	3.43	3.29	3.32	0.55
FEMALE	541	3.55	3.34	3.57	3.42	3.46	0.48
NO RESPONSE	10	3.53	3.45	3.53	3.40	3.46	0.49
AFRICAN-AMERICAN/BLACK	5	2.62	2.92	2.84	2.60	2.75	0.69
CAUCASIAN-AMERICAN/WHITE	697	3.46	3.33	3.52	3.38	3.42	0.50
OTHER MINORITY	52	3.46	3.36	3.51	3.40	3.41	0.51
MISSING/PREFER NO RESP	70	3.53	3.24	3.62	3.33	3.44	0.52
TOTAL	824	3.47	3.32	3.52	3.37	3.42	0.51

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 41, THIS MEANS THAT 41% 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 34 PERCENT OF STUDENTS SCORED BELOW 21.

TABLE 4 EXAMPLE

STD SCORE	ACT COMPOSITE	
	FREQ	CP
36	0	99
35	1	99
34	8	99
33	11	99
32	25	98
31	26	97
30	34	95
29	33	92
28	61	90
27	80	85
26	79	79
25	109	73
24	105	65
23	111	57
22	89	48
21	97	41 <-- 41% OF THE STUDENTS SCORE AT OR BELOW 21
20	85	34 <-- 34% OF THE STUDENTS SCORE BELOW 21
19	89	28
18	79	21
17	40	15
16	63	12
15	47	7
14	23	3
13	15	2
12	5	1
11	2	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

