

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

**STATE COMPOSITE FOR
CONNECTICUT**

CODE 070-000

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	631	618	39/ 38	22.5/20.6	22.6/20.9	23.3/21.2	22.3/20.7	22.8/21.0
2001-02	703	677	37/ 36	22.0/20.4	21.9/20.5	22.8/21.2	21.8/20.3	22.2/20.7
2002-03	963	982	35/ 35	22.5/21.0	22.4/21.1	23.4/21.9	22.1/20.9	22.7/21.4
2003-04	1549	778	46/ 23	22.7/21.2	22.8/20.9	23.4/22.0	22.5/21.0	23.0/21.4
2004-05	1880	1034	47/ 26	22.9/21.7	23.0/21.8	23.8/22.7	22.5/21.3	23.2/22.0

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
2000-01	1606	21.4	21.7	22.2	21.3	21.8
2001-02	1897	21.3	21.4	22.1	21.0	21.6
2002-03	2791	21.8	21.9	22.7	21.5	22.1
2003-04	3366	22.3	22.4	23.0	21.9	22.5
2004-05	4035	22.5	22.7	23.4	22.0	22.8

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
Q3 (75TH PERCENTILE)	26.5	26.4	27.8	24.8	26.2
Q2 (50TH PERCENTILE - MEDIAN)	22.5	22.9	23.5	22.0	23.0
Q1 (25TH PERCENTILE)	18.6	18.3	19.2	19.1	19.3

QUARTILE VALUES ARE INTERPOLATED AND ARE BASED UPON CALCULATED STUDENT PERCENTILE RANKS WHICH MAY DIFFER FROM THE CUMULATIVE PERCENTAGES REPORTED IN TABLES 4 AND 5 OF THIS REPORT.

TABLE 1 AVERAGE ACT SCORES BY ACADEMIC PREPARATION FOR RACIAL/ETHNIC GROUPS

	AFRI-AM/ BLACK AVERAGE	AM IND, ALSK NTV AVERAGE	CAUC-AM/ WHITE AVERAGE	MEX-AM/ CHICANO AVERAGE	ASIAN-AM, PAC ISLDR AVERAGE	P R ICAN, HISPANIC AVERAGE
CORE OR MORE	(N= 113)	(N= 4)	(N= 1329)	(N= 10)	(N= 77)	(N= 73)
ENGLISH	17.4	25.8	23.4	23.6	22.3	20.8
USAGE/MECH	8.4	14.3	12.0	11.8	11.4	10.5
RHET SKILLS	8.9	13.0	12.0	12.6	11.5	10.7
MATHEMATICS	18.0	25.5	23.4	22.4	24.9	20.7
PRE/ELEM-ALG	9.5	14.5	12.6	11.5	13.5	11.0
ALG/CRD-GEOM	8.5	12.3	11.7	10.5	12.5	10.5
PLANE GEOM/TRIG	8.7	13.3	11.7	11.9	12.5	9.8
READING	18.6	24.3	24.2	23.8	23.2	22.0
SOC STU/SCI	9.0	12.8	12.2	11.3	11.8	10.8
ARTS/LITERATURE	9.7	12.3	12.6	13.4	12.0	11.7
SCIENCE	18.3	22.3	22.9	21.0	22.9	20.7
COMPOSITE	18.2	24.5	23.6	22.8	23.5	21.2
LESS THAN CORE	(N= 94)	(N= 2)	(N= 674)	(N= 5)	(N= 33)	(N= 41)
ENGLISH	16.2	23.5	22.3	23.0	24.0	17.8
USAGE/MECH	7.9	13.0	11.4	12.2	12.5	9.0
RHET SKILLS	8.2	11.5	11.4	11.6	12.0	8.9
MATHEMATICS	17.1	22.0	22.2	23.4	25.9	18.5
PRE/ELEM-ALG	8.6	11.0	11.9	13.0	14.0	9.4
ALG/CRD-GEOM	8.2	12.0	11.1	11.6	12.8	9.4
PLANE GEOM/TRIG	8.0	10.5	11.1	12.0	13.1	8.8
READING	17.1	26.5	23.4	25.0	25.6	18.7
SOC STU/SCI	8.2	13.0	11.7	11.8	12.9	9.1
ARTS/LITERATURE	8.7	14.5	12.3	14.2	13.4	9.7
SCIENCE	17.0	24.0	21.8	22.8	24.2	17.7
COMPOSITE	17.0	24.5	22.6	23.8	25.1	18.2
NO RESPONSE	(N= 53)	(N= 2)	(N= 717)	(N= 6)	(N= 31)	(N= 25)

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 R ICAN, HISPANIC AVERAGE
TOTAL GROUP	(N= 260)	(N= 8)	(N= 2720)	(N= 21)	(N= 141)	(N= 139)
ENGLISH	16.9	24.3	22.9	23.2	22.9	19.6
USAGE/MECH	8.2	13.5	11.8	11.8	11.8	9.8
RHET SKILLS	8.6	12.0	11.7	12.2	11.7	10.1
MATHEMATICS	17.8	23.0	22.9	22.9	25.2	19.9
PRE/ELEM-ALG	9.1	12.8	12.3	12.1	13.5	10.5
ALG/CRD-GEOM	8.5	11.5	11.5	11.0	12.6	10.0
PLANE GEOM/TRIG	8.5	11.3	11.5	11.7	12.7	9.6
READING	18.1	25.3	23.9	24.2	23.9	20.9
SOC STU/SCI	8.7	12.8	12.0	11.5	12.1	10.2
ARTS/LITERATURE	9.3	13.4	12.5	13.4	12.4	11.1
SCIENCE	17.7	22.1	22.4	21.2	23.3	19.5
COMPOSITE	17.7	23.8	23.2	23.0	24.0	20.1

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 R ICAN, HISPANIC NUMBER AVG
HIGH SCHOOL AVERAGE						
3.50 - 4.00	24 21.8	1 28.0	705 25.9	3 21.0	61 25.3	33 22.6
3.00 - 3.49	64 18.5	3 22.7	548 22.6	7 25.1	29 22.6	34 19.8
2.50 - 2.99	48 16.1	0 0.0	252 19.8	1 15.0	3 17.7	20 17.8
2.00 - 2.49	20 16.0	0 0.0	70 18.8	0 0.0	2 17.0	5 15.4
1.99 & BELOW	9 14.9	0 0.0	4 18.0	0 0.0	0 0.0	3 14.7
CGPA PRED BY STUDENT						
3.5 - 4.0	24 22.3	1 28.0	622 26.1	7 24.1	51 24.9	28 25.0
3.0 - 3.4	95 18.5	4 22.8	999 22.7	7 21.9	43 22.6	58 19.1
2.5 - 2.9	41 16.0	0 0.0	252 19.2	1 13.0	6 20.8	21 16.6
2.0 - 2.4	29 14.8	0 0.0	61 17.1	0 0.0	2 14.0	3 13.7
1.9 & BELOW	2 13.0	0 0.0	4 16.3	0 0.0	0 0.0	1 13.0
HIGH SCHOOL RANK						
TOP QUARTER	65 20.2	2 21.0	828 25.7	6 25.5	62 24.3	45 22.5
2ND QUARTER	67 17.0	2 24.5	542 21.5	4 20.8	23 21.0	33 18.0
BOTTOM HALF	46 15.0	0 0.0	259 18.9	1 26.0	3 18.3	24 16.5

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	489	12	198	5	54	1	14	0
	FEMALE	909	23	392	10	100	2	18	0
	TOTAL	1413	35	599	15	155	4	32	1
NO. & VARIETY OF COURSE OFFERINGS	MALE	462	11	176	4	104	3	15	0
	FEMALE	872	22	311	8	213	5	20	0
	TOTAL	1345	33	497	12	321	8	35	1
GRADING PRACTICES & POLICIES	MALE	409	10	238	6	96	2	11	0
	FEMALE	745	18	472	12	184	5	18	0
	TOTAL	1165	29	721	18	283	7	29	1
NO. & KINDS OF TESTS GIVEN	MALE	388	10	281	7	74	2	12	0
	FEMALE	710	18	533	13	152	4	18	0
	TOTAL	1109	27	826	20	228	6	30	1
GUIDANCE SERV PROVIDED BY GUIDANCE OFFICE	MALE	431	11	210	5	97	2	17	0
	FEMALE	780	19	321	8	282	7	35	1
	TOTAL	1223	30	537	13	385	10	53	1
SCHOOL RULES, REGULATIONS, & POLICIES	MALE	317	8	250	6	171	4	17	0
	FEMALE	548	14	499	12	345	9	29	1
	TOTAL	874	22	759	19	521	13	47	1
LIBRARY OR LEARNING CENTER	MALE	439	11	208	5	91	2	18	0
	FEMALE	846	21	391	10	152	4	28	1
	TOTAL	1296	32	610	15	246	6	46	1
LABORATORY FACILITIES	MALE	427	11	226	6	73	2	23	1
	FEMALE	730	18	432	11	217	5	34	1
	TOTAL	1169	29	665	16	296	7	57	1
PROVISIONS FOR SPECIAL HELP IN READING, MATH, ETC	MALE	312	8	224	6	57	1	160	4
	FEMALE	565	14	368	9	121	3	355	9
	TOTAL	888	22	598	15	180	4	521	13
PROVISIONS FOR ACADEMICALLY OUTSTANDING STU	MALE	479	12	161	4	50	1	65	2
	FEMALE	959	24	266	7	95	2	97	2
	TOTAL	1452	36	436	11	147	4	162	4
ADEQUACY OF PROG IN CAREER EDUC & PLANNING	MALE	368	9	242	6	90	2	53	1
	FEMALE	661	16	420	10	219	5	116	3
	TOTAL	1040	26	672	17	312	8	169	4

NUMBER OF STUDENTS - 4035

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 4035)

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	6	99	36	99	17	99	0	99
35	17	99	29	99	60	99	21	99	6	99
34	65	99	56	99	95	98	28	99	26	99
33	54	98	43	98	127	95	17	98	34	99
32	78	97	62	97	98	92	48	98	52	98
31	92	95	64	95	122	90	22	97	82	97
30	108	92	87	94	179	87	44	96	117	95
29	212	90	189	91	180	82	90	95	176	92
28	176	84	176	87	167	78	130	93	190	88
27	193	80	267	82	243	74	144	90	238	83
26	246	75	305	76	286	68	260	86	287	77
25	247	69	253	68	204	61	285	80	297	70
24	295	63	319	62	206	55	330	73	338	63
23	229	56	273	54	292	50	419	64	352	54
22	309	50	174	47	223	43	299	54	254	46
21	267	42	230	43	172	38	432	47	272	39
20	262	36	267	37	282	33	340	36	258	33
19	200	29	193	31	182	26	254	27	231	26
18	192	24	214	26	143	22	273	21	207	20
17	175	20	264	21	148	18	160	14	179	15
16	117	15	248	14	109	15	140	10	142	11
15	163	12	162	8	109	12	90	7	121	7
14	99	8	83	4	137	9	46	5	74	4
13	64	6	49	2	95	6	54	4	51	3
12	46	4	14	1	84	3	40	2	30	1
11	40	3	7	1	37	1	20	1	13	1
10	31	2	1	1	7	1	20	1	5	1
9	18	1	0	1	7	1	8	1	3	1
8	23	1	0	1	1	1	2	1	0	1
7	7	1	0	1	0	1	1	1	0	1
6	5	1	0	1	3	1	0	1	0	1
5	2	1	0	1	1	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	1	1	0	1

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

33-36	139	3	134	3	318	8	83	2	66	2
28-32	666	17	578	14	746	18	334	8	617	15
24-27	981	24	1144	28	939	23	1019	25	1160	29
20-23	1067	26	944	23	969	24	1490	37	1136	28
16-19	684	17	919	23	582	14	827	20	759	19
13-15	326	8	294	7	341	8	190	5	246	6
01-12	172	4	22	1	140	3	92	2	51	1

AVG(SD) 22.5(5.7) 22.7(5.2) 23.4(6.1) 22.0(4.6) 22.8(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 = 4035)

STD SCORE	USAGE/MECH		RHET SKILLS		SOC STU/SCI		ARTS/LIT		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	
18	153	99	21	99	104	99	266	99	18
17	219	96	74	99	306	97	303	93	17
16	225	91	234	98	277	90	380	86	16
15	387	85	363	92	337	83	375	76	15
14	301	76	461	83	353	75	325	67	14
13	344	68	375	71	325	66	339	59	13
12	422	60	545	62	480	58	519	51	12
11	429	49	498	49	344	46	309	38	11
10	320	39	450	36	346	37	236	30	10
9	351	31	390	25	351	29	229	24	9
8	278	22	274	15	348	20	205	19	8
7	245	15	134	9	184	11	209	14	7
6	148	9	102	5	113	7	139	8	6
5	99	5	62	3	68	4	135	5	5
4	57	3	34	1	53	2	51	2	4
3	41	1	14	1	25	1	10	1	3
2	14	1	4	1	11	1	5	1	2
1	2	1	0	1	10	1	0	1	1
AVERAGE		11.5		11.5		11.7		12.3	
S.D.		3.6		2.9		3.5		3.7	

STD SCORE	PRE/ELEM		ALG/CRD-GEOM		PLN GEOM/TRIG		STD SCORE
	FREQ	ALG CP	FREQ	CP	FREQ	CP	
18	154	99	62	99	64	99	18
17	191	96	74	98	43	98	17
16	415	91	155	97	152	97	16
15	344	81	202	93	285	94	15
14	481	73	516	88	428	87	14
13	468	61	342	75	512	76	13
12	310	49	639	67	551	63	12
11	345	41	440	51	354	50	11
10	329	33	480	40	652	41	10
9	214	25	537	28	343	25	9
8	396	19	228	15	246	16	8
7	241	10	119	9	169	10	7
6	94	4	113	6	122	6	6
5	33	1	60	3	6	3	5
4	14	1	39	2	72	3	4
3	3	1	17	1	5	1	3
2	3	1	5	1	21	1	2
1	0	1	7	1	10	1	1
AVERAGE		12.1		11.3		11.3	
S.D.		3.3		2.9		3.0	

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

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

GROUP	NUMBER OF STUDENTS	ENGLISH		MATH		READING		SCIENCE		COMPOSITE	
		AVERAGE	SD	AVERAGE	SD	AVERAGE	SD	AVERAGE	SD	AVERAGE	SD
MALES	1533	21.8	5.7	23.4	5.4	22.8	6.2	22.4	4.9	22.7	5.0
FEMALES	2444	22.9	5.6	22.2	5.0	23.8	5.9	21.8	4.4	22.8	4.7
NO RESPONSE	58	21.1	5.2	21.3	4.7	22.5	5.8	21.0	4.0	21.6	4.4

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

SCORE RANGE	M		F		M		F		M		F	
	M	F	M	F	M	F	M	F	M	F	M	F
33-36	2	4	5	2	7	8	3	1	2	1		
28-32	15	18	17	13	17	20	10	7	16	15		
24-27	22	26	29	28	21	25	27	24	28	29		
20-23	27	26	21	25	24	24	34	39	27	29		
16-19	19	15	20	24	16	13	19	21	19	19		
13-15	9	7	6	8	9	8	4	5	7	5		
01-12	6	3	1	1	5	2	3	2	1	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	781	32	24.3	14	23	10	21	638	34	119	27
GOOD	850	35	22.1	23	38	19	40	654	34	154	36
AVERAGE	297	12	19.6	11	18	10	21	199	10	77	18
BELOW AVERAGE	54	2	20.4	4	7	2	4	32	2	16	4
VERY INADEQUATE	139	6	22.0	3	5	2	4	116	6	18	4
NO RESPONSE	317	13	22.8	5	8	5	10	258	14	49	11
NO. OF STUDENTS	2438			60		48		1897		433	

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	4035	22.5	5.7	22.7	5.2	23.4	6.1	22.0	4.6	22.8	4.8
COLLEGE CORE											
E4, M3, SS3, NS3	1880	22.9	5.4	23.0	5.0	23.8	5.9	22.5	4.4	23.2	4.6
In between	588	21.9	6.0	21.6	5.2	22.9	6.3	21.2	4.7	22.0	5.0
E4, M2, SS2, NS2	446	21.4	5.9	21.9	5.5	22.5	6.4	21.4	5.2	21.9	5.2
No Response	1121	22.5	5.7	22.8	5.1	23.5	6.1	21.8	4.5	22.8	4.8
HS GPA RANGES											
3.50 - 4.00	980	25.5	4.7	25.7	4.5	26.5	5.3	24.5	4.2	25.7	4.0
3.00 - 3.49	805	22.0	5.1	22.0	4.6	22.8	5.6	21.6	4.1	22.3	4.2
2.50 - 2.99	378	18.6	4.8	18.7	3.7	19.4	5.1	19.1	3.8	19.1	3.7
2.00 - 2.49	108	17.0	4.8	17.3	3.2	18.4	4.9	18.1	4.0	17.9	3.6
1.99 & below	17	14.7	4.5	15.9	2.3	15.9	3.6	16.1	2.9	15.8	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	273	7	3.29	21.8	22.1
ENG 9, ENG 10, ENG 11, ENG 12	2332	58	3.37	22.6	22.9
LESS THAN 4 YEARS OF ENGLISH	294	7	3.26	21.9	22.4
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	1136	28	- . -	22.5	22.8
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	257	6	3.56	26.0	25.5
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	287	7	3.36	23.6	23.7
ALG 1, ALG 2, GEOM, TRIG	237	6	3.08	21.1	21.7
ALG 1, ALG 2, GEOM, OTHER ADV MATH	560	14	3.09	21.1	21.8
ALG 1, ALG 2, GEOM	422	10	2.80	18.4	19.1
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	683	17	3.53	25.9	25.5
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	173	4	3.22	22.8	22.6
LESS THAN 3 YEARS OF MATH	230	6	2.85	20.7	20.8
NO MATH COURSE/GRADE INFORMATION REPORTED	1186	29	- . -	22.7	22.7
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	311	8	3.50	24.3	23.5
US HIST, WORLD HIST, AM GOVT	396	10	3.38	22.8	22.4
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	768	19	3.50	23.7	22.8
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	748	19	3.40	23.1	22.5
LESS THAN 3 YEARS OF SOC SCI	612	15	3.36	23.5	22.9
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	1200	30	- . -	23.4	22.7
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	1116	28	3.41	23.1	23.8
BIOLOGY, CHEMISTRY, PHYSICS	443	11	3.43	24.1	25.3
GEN SCIENCE, BIOLOGY, CHEMISTRY	839	21	3.12	20.5	20.9
OTHER COMBINATIONS OF 3 YEARS NAT SCI	51	1	3.10	21.0	21.6
LESS THAN 3 YEARS OF NAT SCI	367	9	3.02	20.4	20.9
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	1219	30	- . -	21.8	22.8

STATE COMPOSITE FOR
CONNECTICUTTABLE 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	118	8	3.19	21.1	22.1
ENG 9, ENG 10, ENG 11, ENG 12	781	51	3.24	22.1	23.1
LESS THAN 4 YEARS OF ENGLISH	117	8	3.17	21.6	22.7
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	517	34	- . -	21.4	22.3
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	108	7	3.50	26.5	25.2
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	89	6	3.23	24.3	23.5
ALG 1, ALG 2, GEOM, TRIG	87	6	3.01	21.4	21.5
ALG 1, ALG 2, GEOM, OTHER ADV MATH	157	10	2.97	21.7	21.4
ALG 1, ALG 2, GEOM	129	8	2.72	18.5	18.8
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	283	18	3.50	26.7	25.7
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	62	4	3.28	23.7	22.9
LESS THAN 3 YEARS OF MATH	80	5	2.69	21.8	21.2
NO MATH COURSE/GRADE INFORMATION REPORTED	538	35	- . -	23.0	22.3
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	123	8	3.39	23.0	22.8
US HIST, WORLD HIST, AM GOVT	155	10	3.28	21.8	22.3
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	274	18	3.45	23.2	22.9
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	217	14	3.39	23.8	23.5
LESS THAN 3 YEARS OF SOC SCI	224	15	3.39	22.9	23.0
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	540	35	- . -	22.5	22.3
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	443	29	3.37	23.6	23.9
BIOLOGY, CHEMISTRY, PHYSICS	158	10	3.43	25.0	25.7
GEN SCIENCE, BIOLOGY, CHEMISTRY	250	16	2.96	20.6	20.4
OTHER COMBINATIONS OF 3 YEARS NAT SCI	22	1	3.05	22.5	22.4
LESS THAN 3 YEARS OF NAT SCI	110	7	2.88	21.0	20.9
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	550	36	- . -	21.9	22.4

STATE COMPOSITE FOR
CONNECTICUTTABLE 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	150	6	3.37	22.3	22.2
ENG 9, ENG 10, ENG 11, ENG 12	1523	62	3.43	22.9	22.8
LESS THAN 4 YEARS OF ENGLISH	177	7	3.32	22.1	22.2
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	594	24	- . -	23.5	23.2
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	146	6	3.60	25.7	25.8
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	195	8	3.42	23.3	23.8
ALG 1, ALG 2, GEOM, TRIG	146	6	3.13	21.0	21.9
ALG 1, ALG 2, GEOM, OTHER ADV MATH	397	16	3.14	20.9	21.9
ALG 1, ALG 2, GEOM	285	12	2.84	18.3	19.3
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	395	16	3.55	25.3	25.4
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	109	4	3.19	22.3	22.5
LESS THAN 3 YEARS OF MATH	147	6	2.91	20.2	20.6
NO MATH COURSE/GRADE INFORMATION REPORTED	624	26	- . -	22.5	23.1
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	183	7	3.57	25.3	24.1
US HIST, WORLD HIST, AM GOVT	235	10	3.44	23.5	22.6
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	486	20	3.53	24.0	22.8
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	522	21	3.40	22.8	22.1
LESS THAN 3 YEARS OF SOC SCI	383	16	3.35	23.8	22.8
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	635	26	- . -	24.3	23.1
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	663	27	3.44	22.8	23.8
BIOLOGY, CHEMISTRY, PHYSICS	281	11	3.43	23.7	25.1
GEN SCIENCE, BIOLOGY, CHEMISTRY	578	24	3.19	20.5	21.2
OTHER COMBINATIONS OF 3 YEARS NAT SCI	28	1	3.15	19.9	21.1
LESS THAN 3 YEARS OF NAT SCI	250	10	3.07	20.0	20.8
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	644	26	- . -	21.8	23.1

TABLE 10 DISTRIBUTION OF PLANNED EDUCATIONAL MAJOR AND FIRST VOCATIONAL CHOICE

	---PLANNED EDUC MAJOR---				MALE		FEMALE		TOTAL	
	NUMBER OF STUDENTS	AVG ACT COMP	CERTAINTY VERY FAIRLY (PERCENT)		EDUC 1ST MAJOR VOC (PERCENT)	EDUC 1ST MAJOR VOC (PERCENT)	EDUC 1ST MAJOR VOC (PERCENT)	EDUC 1ST MAJOR VOC (PERCENT)	EDUC 1ST MAJOR VOC (PERCENT)	EDUC 1ST MAJOR VOC (PERCENT)
AGRICULTURE SCIENCE/TECH	15	20.4	47	47	1	1	1	1	1	1
ARCH & ENVIR DESIGN	38	22.2	34	47	3	3	1	1	2	2
BUSINESS & MGMT	266	21.6	35	55	20	19	9	9	13	12
BUSINESS & OFFICE	7	18.0	14	71	0	0	0	0	0	0
MARKETING & DISTRIBUTION	18	19.8	50	39	1	1	1	1	1	1
COMMUNICATION & COMM TEC	94	23.1	34	56	3	3	5	6	4	5
COMMUNITY & PRSNL SVCS	41	18.8	59	34	2	2	2	3	2	3
COMPUTER & INFO SCI	28	21.6	43	43	3	3	0	0	1	1
CROSS-DISC STUDIES	9	24.0	33	44	0	0	1	0	0	0
EDUCATION	135	20.9	60	36	2	3	8	9	6	7
TEACHER EDUCATION	59	20.2	56	41	2	2	3	4	3	3
ENGINEERING	90	25.5	48	42	9	10	1	1	4	4
ENGINEERING-RELATED TECH	60	24.1	27	60	8	7	0	0	3	3
FOREIGN LANGUAGES	27	25.8	41	37	1	0	1	1	1	1
HEALTH SCI & ALLIED HLTH	311	21.4	56	38	7	8	19	21	15	17
HUMAN, FAMILY/CONS SCI	13	19.1	38	54	0	0	1	1	1	1
LETTERS	24	26.0	54	33	1	0	1	1	1	1
MATHEMATICS	14	28.4	14	71	1	1	0	0	1	0
PHILOS, RELIG & THEOL	8	23.9	63	25	0	0	0	0	0	0
SCI (BIOL & PHYSICAL)	189	25.0	37	56	7	5	10	6	9	6
SOCIAL SCIENCES	258	23.4	50	40	9	8	14	13	12	11
TRADE & INDUSTRIAL	6	21.7	83	17	1	1	0	0	0	0
VISUAL & PERFORM ARTS	122	22.2	57	30	5	6	6	7	6	7
UNDECIDED	291	22.9	8	18	14	15	14	13	14	14
NO RESPONSE	1912									

NUMBER OF STUDENTS - 4035

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	108	19.6	3	AFRICAN-AMER/BLACK	260	17.7	6
COLL PREP	1897	23.1	47	AM INDIAN,ALASKAN NTV	8	23.8	0
OTHER/GENERAL/NO RESP	2030	22.7	50	CAUCASIAN-AMER/WHITE	2720	23.2	67
REQUEST ASSISTANCE WITH				MEXICAN-AMER/CHICANO	21	23.0	1
ED/OCCUP PLANS	927	22.7	23	ASIAN-AMER,PACIFIC ISL	141	24.0	3
EXPR IDEAS IN WRITING	588	20.8	15	PUERTO RICAN,HISPANIC	139	20.1	3
READING/COMPREHENSION	638	20.2	16	OTHER	92	20.6	2
STUDY SKILLS	842	20.5	21	MULTIRACIAL	66	22.2	2
MATH SKILLS	905	20.4	22	PREFER NOT TO RESPOND	179	24.4	4
PERSONAL CONCERNS	250	21.7	6	NO RESPONSE	409	23.7	10
EXPRESSED FIN NEED				ESTIMATED FAMILY INCOME			
NEED FINANCIAL AID	2185	22.2	54	LESS THAN \$18,000	106	18.6	3
NEED TO FIND WORK	1731	22.1	43	ABOUT \$18,000-\$24,000	78	19.4	2
SPECIAL COLLEGE PROG				ABOUT \$24,000-\$30,000	65	20.2	2
INDEP STUDY	1207	23.5	30	ABOUT \$30,000-\$36,000	82	20.8	2
HONORS COURSES	1175	24.8	29	ABOUT \$36,000-\$42,000	87	21.6	2
ADV PLACEMENT IN COLL				ABOUT \$42,000-\$50,000	133	21.7	3
ENGLISH	876	24.6	22	ABOUT \$50,000-\$60,000	169	22.0	4
MATH	689	25.4	17	ABOUT \$60,000-\$80,000	286	21.9	7
SOCIAL STUDIES	861	24.6	21	ABOUT \$80,000-\$100,000	314	22.8	8
NATURAL SCIENCE	681	25.0	17	MORE THAN \$100,000	648	24.1	16
FOREIGN LANG	662	24.7	16	NO RESPONSE	2067	23.1	51
MAX YEARLY COLL TUITION				HS CLASS RANK			
\$1000 & UNDER	21	18.0	1	TOP QTR	1187	25.2	29
\$1001 - \$2000	15	16.9	0	2ND QTR	775	20.9	19
\$2001 - \$4000	51	18.3	1	3RD QTR	337	18.4	8
\$4001 - \$7500	177	19.8	4	4TH QTR	42	16.5	1
\$7501 & OVER	176	21.0	4	NO RESPONSE	1694	22.9	42
NO PREFERENCE	1818	23.0	45	EDUC DEG ASPIRATION			
NO RESPONSE	1777	23.2	44	VOC-TECH	4	16.0	0
MOST RECENTLY TESTED				2YR COL DEGREE	15	15.7	0
SOPHOMORE	9	23.4	0	BACHELORS DEGREE	779	21.0	19
JUNIOR	1420	24.0	35	GRAD STUDY	1057	23.3	26
SENIOR	2481	22.1	61	PROF LEVEL DEGREE	881	23.9	22
OTHER/NO RESPONSE	125	23.3	3	OTHER	83	19.4	2
COLLEGE CORE PREPARATION				NO RESPONSE	1216	23.0	30
CORE OR MORE	1880	23.2	47	NUMBER OF STUDENTS			
LESS THAN CORE	1034	22.0	26	HOME SCHOOLED	14	23.3	0
NO RESPONSE	1121	22.8	28	EARNED A GED	0	0.0	0
				ALL STUDENTS	4035	22.8	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	
0604 UNIV OF CONNECTICUT	CT	495	196	299	2	7	21	27	28	14	1	
0596 CENTRAL CT STATE U	CT	176	56	120	5	24	40	22	7	2	0	
0616 EASTERN CONN STATE U	CT	132	35	97	5	18	42	27	7	1	0	
0593 S CONNECTICUT ST U	CT	129	23	106	5	21	42	22	9	1	0	
0582 QUINNIPIAC UNIV	CT	124	41	83	2	7	33	36	19	2	0	
1880 NORTHEASTERN UNIV	MA	116	25	91	1	3	13	33	35	14	1	
1788 BOSTON COLLEGE	MA	107	47	60	1	0	4	18	41	35	2	
0558 W CONNECTICUT ST U	CT	105	34	71	8	27	32	24	9	1	0	
1794 BOSTON UNIVERSITY	MA	91	12	79	0	2	5	20	46	25	1	
0589 SACRED HEART UNIV	CT	79	25	54	1	10	39	39	10	0	0	
3818 UNIV OF RHODE ISLAND	RI	79	20	59	0	3	34	41	20	3	0	
0618 YALE UNIVERSITY	CT	74	34	40	0	1	7	16	35	32	8	
0560 FAIRFIELD UNIVERSITY	CT	66	14	52	0	3	9	33	41	12	2	
2838 NEW YORK UNIVERSITY	NY	65	15	50	0	8	15	17	35	23	2	
0606 UNIV OF HARTFORD	CT	62	10	52	6	26	34	19	8	6	0	
3806 PROVIDENCE COLLEGE	RI	61	11	50	0	3	16	23	36	21	0	
0556 CONNECTICUT COLLEGE	CT	57	22	35	2	2	12	26	46	12	0	
3816 SALVE REGINA UNIV	RI	54	13	41	2	7	24	33	33	0	0	
3814 ROGER WILLIAMS UNIV	RI	53	11	42	2	11	25	34	25	4	0	
0598 TRINITY COLLEGE-CT	CT	51	16	35	4	0	14	31	39	10	2	
1922 TUFTS UNIVERSITY	MA	50	8	42	0	0	2	12	36	46	4	
2804 MARIST COLLEGE	NY	50	8	42	0	4	16	30	42	8	0	
9999 NCAA CLEARINGHOUSE	IA	50	28	22	2	10	18	32	28	8	2	
0576 UNIV OF NEW HAVEN	CT	48	11	37	4	31	31	19	10	4	0	
3800 BROWN UNIVERSITY	RI	48	21	27	0	0	0	8	35	50	6	
2748 FORDHAM UNIVERSITY	NY	47	5	42	0	2	6	28	40	23	0	
4322 UNIV OF VERMONT	VT	46	8	38	0	2	15	39	33	11	0	
1924 U OF MASS AMHERST	MA	44	5	39	0	0	14	43	32	11	0	
1942 WORCESTER POLY INST	MA	44	21	23	0	0	7	16	41	34	2	
2524 U OF NEW HAMPSHIRE	NH	43	8	35	0	2	19	28	40	12	0	
3744 VILLANOVA UNIVERSITY	PA	42	7	35	0	0	7	19	33	33	7	
3724 TEMPLE UNIVERSITY	PA	40	7	33	0	18	35	25	20	3	0	
3802 BRYANT UNIVERSITY	RI	39	8	31	0	8	23	41	23	3	3	
1930 WESTERN NEW ENGLAND	MA	38	8	30	0	18	29	26	21	5	0	
1896 SPRINGFIELD COLL-MA	MA	36	6	30	0	14	53	25	8	0	0	
ALL OTHER INSTITUTIONS		3554	893	2661	2	8	21	25	28	15	2	
TOTALS		6395	1712	4683	2	9	22	26	27	14	1	

TABLE 13 AVERAGE ACT SCORES BY STUDENT PLANNED EDUCATIONAL MAJORS

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
AGRICULTURE SCIENCE/TECH	(15)	(20.4)	BUSINESS & OFFICE	(7)	(18.0)
AGRICULTURAL BUSINESS	0	0.0	BOOKKEEPING/ACCT TECH	1	13.0
AGRICULTURAL ECONOMICS	0	0.0	BUSINESS DP/COMPUTER OPER	0	0.0
AGRICULTURAL MECHANICS	0	0.0	COURT REPORTING	0	0.0
AGRI PRODUCTION/TECH	0	0.0	OFFICE SUPERVISION & MGMT	1	13.0
AGRONOMY	0	0.0	SECRETARIAL	0	0.0
ANIMAL SCIENCES	7	22.3	TYPING & GENERAL OFFICE	0	0.0
FARM & RANCH MANAGEMENT	0	0.0	WORD PROCESSING	0	0.0
FISH, GAME, WILDLIFE MGMT	1	22.0	BUSINESS & OFFICE, GEN	5	20.0
FOOD SCIENCES/ENGINEERING	1	25.0			
FORESTRY & RELATED SCI	0	0.0	MARKETING & DISTRIBUTION	(18)	(19.8)
HORTICULTURE/ORNMENTAL HORT	0	0.0	FASHION MERCHANDISING	4	19.0
NATURAL RESOURCES MGMT	0	0.0	RETAILING & SALES	0	0.0
AGRICULTURE & AG TECH, GEN	6	17.2	TRAVEL SERVICES & TOURISM	0	0.0
			MARKETING & DISTRIB, GEN	14	20.0
ARCH & ENVIR DESIGN	(38)	(22.2)			
ARCHITECTURAL DRAFTING	1	21.0	COMMUNICATIONS & COMM TECH	(94)	(23.1)
ARCHITECTURE	11	24.2	ADVERTISING	6	24.0
BLDG CON/CONSTRUCTION SCI	1	13.0	GRAPHIC/COMMERCIAL ART	1	27.0
CITY, COMM & REG PLANNING	0	0.0	GRAPHIC & PRINT COMMUNIC	1	14.0
ENVIRONMENTAL DESIGN	2	24.0	JOURNALISM	22	22.4
INTERIOR DESIGN	4	22.0	PHOTO/FILM/VIDEO TECH	2	22.0
LANDSCAPE ARCHITECTURE	0	0.0	PUBLIC RELATIONS	3	24.3
ARCHI & ENVIR DESIGN, GEN	19	21.4	RADIO/TV BROADCASTING	6	22.2
			RADIO/TV PRODUCTN & TECH	3	22.0
BUSINESS & MGMT	(266)	(21.6)	COMMUNIC & COMM TECH, GEN	50	23.5
ACCOUNTING	20	20.2			
BANKING & FINANCE	10	23.2	COMMNTY & PRSNL SVCS	(41)	(18.8)
BUSINESS ADMIN & MGMT	23	21.7	CORRECTIONS	0	0.0
BUSINESS ECONOMICS	12	25.0	COSMETOLOGY/HAIRSTYLING	0	0.0
CONTRACT MGMT & PURCHSING	0	0.0	CRIMINAL JUSTICE/CRIMINOL	17	18.8
HOTEL/RESTAURANT MGMT	7	23.0	FIRE PROTECTN/SAFETY TECH	1	20.0
HUMAN RESOURCE DEVEL/TRNG	0	0.0	FUNERAL SVCS/MORTUARY SCI	0	0.0
INSTITUTIONAL MANAGEMENT	0	0.0	LAW ENFORCEMENT & ADMIN	2	16.5
INSURANCE & RISK MGMT	0	0.0	LIBRARY SCI/LIB ASSISTING	0	0.0
INTERNATL BUSINESS/MGMT	12	22.6	MILITARY SCIENCE/TECH	0	0.0
LABOR/INDUSTRL RELATIONS	1	28.0	PARKS & RECREATION	0	0.0
MANAGEMENT INFO SYSTEMS	0	0.0	PUBLIC ADMINISTRATION	1	23.0
MANAGEMENT SCIENCE	0	0.0	PUBLIC AFFAIRS	0	0.0
MARKETING MGMT & RESEARCH	8	23.8	SOCIAL WORK	4	20.5
ORGANIZATIONAL BEHAVIOR	0	0.0	COMMNTY & PRSNL SVCS, GEN	16	18.3
PERSONNEL MANAGEMENT	1	18.0			
REAL ESTATE	1	12.0			
SML BUSINESS MGMT/OWNRSHIP	7	21.0			
TRADE & INDUSTRIAL MGMT	0	0.0			
TRANSPORTATION MANAGEMENT	0	0.0			
BUSINESS & MGMT, GEN	164	21.3			

STATE COMPOSITE FOR
CONNECTICUT

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	(28)	(21.6)	ENGINEERING	(90)	(25.5)
COMPUTER PROGRAMMING	4	20.8	AEROSPACE ENGINEERING	6	26.8
COMPUTER SCIENCE	5	27.2	AGRICULTURAL ENGINEERING	1	20.0
DATA PROCESSING	0	0.0	ARCHITECTURAL ENGINEERING	0	0.0
INFO SCIENCES & SYSTEMS	1	14.0	BIOENGINEER & BIOMED ENG	8	27.0
MATH/COMPUTER SCIENCE	1	19.0	CERAMIC ENGINEERING	0	0.0
COMPUTER & INFO SCI, GEN	17	20.8	CHEMICAL ENGINEERING	7	26.0
			CIVIL ENGINEERING	9	27.3
CROSS-DISC STUDIES	(9)	(24.0)	COMPUTER ENGINEERING	4	27.3
AREA & ETHNIC STUDIES	0	0.0	CONSTRUCTION ENG/MGMT	3	15.7
LIBERAL ARTS/GEN STUDIES	7	24.1	ELECTRCL & ELECTRONIC ENG	4	27.8
MULTI-/INTERDISC STUDIES	0	0.0	ENGINEERING MANAGEMENT	0	0.0
CROSS-DISC STUDIES, GEN	2	23.5	ENGINEERING PHYSICS	0	0.0
			ENGINEERING SCIENCE	1	31.0
EDUCATION	(135)	(20.9)	ENVIRONMENTAL HEALTH ENG	0	0.0
ADULT & CONTINUING EDUC	0	0.0	GEOLOGICAL & GEOPHYS ENG	0	0.0
EDUCATION ADMINISTRATION	1	20.0	INDUSTRIAL ENGINEERING	0	0.0
ELEMENTARY EDUCATION	49	20.2	MATERIALS ENGINEERING	0	0.0
JR HIGH/MIDDLE SCH EDUC	2	20.5	MECHANICAL ENGINEERING	14	26.2
PRE-ELEMENTARY EDUCATION	4	18.0	METALLURGICAL ENGINEERING	0	0.0
SECONDARY EDUCATION	15	23.3	MINING & MINERAL ENG	0	0.0
STUDENT COUNSELING	0	0.0	NAVAL ARCHIT & MARINE ENG	2	24.5
TEACHER AIDE	0	0.0	NUCLEAR ENGINEERING	0	0.0
EDUCATION, GENERAL	64	21.2	OCEAN ENGINEERING	0	0.0
			PETROLEUM ENGINEERING	0	0.0
TEACHER EDUCATION	(59)	(20.2)	SYSTEMS ENGINEERING	0	0.0
AGRICULTURAL EDUCATION	0	0.0	ENGINEERING, GENERAL	31	24.5
ART EDUCATION	3	17.7			
BUSINESS EDUCATION	0	0.0	ENGINEERING-RELATED TECH	(60)	(24.1)
ENGLISH EDUCATION	6	21.0	AERONAUTICAL TECHNOLOGY	4	25.3
FOREIGN LANGUAGES EDUC	1	21.0	AC, HEATING, REFRIG TECH	0	0.0
HEALTH EDUCATION	0	0.0	ARCHITECTURAL DESIGN TECH	3	24.0
HUMAN, FAM/CONS SCI EDUC	0	0.0	BIOMEDICAL EQUIPMENT TECH	0	0.0
INDUSTRIAL ARTS EDUCATION	0	0.0	CIVIL ENGINEERING TECH	2	25.5
MATHEMATICS EDUCATION	1	24.0	COMPUTER ENGINEERING TECH	4	20.5
MUSIC EDUCATION	2	26.0	CONSTRUCTION/BLDG TECH	2	17.5
PHYSICAL EDUCATION	8	16.6	DRAFTING & DESIGN TECH	0	0.0
SCIENCE EDUCATION	1	22.0	ELECTRICAL ENG TECHNOLOGY	1	33.0
SOC STUDIES/SOC SCI EDUC	4	22.3	ELECTRONIC ENG TECHNOLOGY	0	0.0
SPECIAL EDUCATION	2	19.5	ELECTROMECHAN INSTR TECH	0	0.0
SPEECH CORRECTION EDUC	0	0.0	ENVIRONMENTAL CONTRL TECH	0	0.0
TEACHING ENGL AS 2ND LANG	0	0.0	INDUSTRIL PRODUCTION TECH	1	22.0
TECH/TRADE & IND ED	0	0.0			
TEACHER EDUCATION, OTHER	1	26.0			
TEACHER EDUCATION, GEN	30	20.2			

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	(13)	(19.1)
MANUFACTURING TECHNOLOGY	0	0.0	CHILD DEV, CARE, GUIDANCE	0	0.0
MECHANICAL ENG TECH	7	20.3	CHILD CARE AIDE/ASSISTING	0	0.0
MINING & PETROLEUM TECH	0	0.0	CULINARY ARTS	5	20.0
OCCUPATL SFTY & HLTH TECH	0	0.0	FAMILY/CONS RESOURCE MGMT	0	0.0
SURVEYING & MAPPING TECH	0	0.0	FASHION DESIGN	2	18.0
ENGINEERING TECH, OTHER	2	18.0	FOOD PRODUCTN, MGMT, SVCS	0	0.0
ENGINEER-RELATD TECH, GEN	34	25.6	FOOD SCI & NUTR/DIETETICS	2	18.5
			HUMAN ENVIRON & HOUSING	0	0.0
FOREIGN LANGUAGES	(27)	(25.8)	INDIVIDUAL & FAMILY DEVEL	1	23.0
ASIATIC LANGUAGES	3	26.3	TEXTILES AND CLOTHING	0	0.0
CLASSICAL LANGUAGES	3	26.7	HUMAN, FAM/CONS SCI, GEN	3	17.3
FRENCH	4	28.3			
GERMAN	0	0.0	LETTERS	(24)	(26.0)
ITALIAN	1	22.0	CLASSICS	2	29.5
MIDDLE EASTERN LANGUAGES	0	0.0	COMPARATIVE LITERATURE	0	0.0
RUSSIAN	0	0.0	CREATIVE WRITING	7	26.4
SPANISH	4	25.3	ENGLISH, GENERAL	11	24.5
FOREIGN LANGUAGES, OTHER	0	0.0	LINGUISTICS	0	0.0
FOREIGN LANGUAGES, GEN	12	25.2	LITERATURE, ENGLISH/AMER	1	27.0
			SPEECH & RHETORICAL STUDY	0	0.0
HEALTH SCI & ALLIED HLTH	(311)	(21.4)	LETTERS, GENERAL	3	28.0
CHIROPRACTIC	1	21.0			
DENTAL ASSISTING	0	0.0	MATHEMATICS	(14)	(28.4)
DENTAL HYGIENE	2	17.5	ACTUARIAL SCIENCES	1	29.0
DENTAL LAB/TECHNOLOGY	0	0.0	APPLIED MATHEMATICS	2	31.5
DENTISTRY	5	23.6	STATISTICS	1	31.0
EMERG MED TECH/PARAMEDIC	0	0.0	MATHEMATICS, GENERAL	10	27.5
HEALTH CARE ADMIN	1	26.0			
MEDICAL/SURG ASSISTING	0	0.0	PHILOS, RELIG & THEOLOGY	(8)	(23.9)
MEDICAL LAB/TECHNOLOGY	1	23.0	BIBLE STUDIES	0	0.0
MED RECORDS ADMIN/TECH	0	0.0	PHILOSOPHY	3	24.0
MEDICINE	49	22.8	RELIGION	0	0.0
MNTL HLTH & HUM SVCS/TECH	1	25.0	RELIGIOUS EDUCATION	1	30.0
NUCLEAR MEDICINE TECH	1	18.0	RELIGIOUS MUSIC	0	0.0
NURSING (PRACTICAL)	3	18.3	THEOLOGY	1	25.0
NURSING (REGISTERED)	59	18.9	PHILOS, RELIG & THEOL, GEN	3	21.3
OCCUPATNL THERAPY/ASSIST	3	19.0			
OPTOMETRY	0	0.0			
PHARMACY	8	22.6			
PHYSICIAN ASSISTING	10	22.5			
PHYSICAL THERAPY/ASSIST	22	21.3			
RADIOLOGY/RADIOLOGIC TECH	3	15.0			
REC/ART/MUSIC THERAPY	0	0.0			
RESPIRATORY THERAPY/TECH	0	0.0			
SPEECH PATHOL/AUDIOLOGY	2	23.5			
VETERINARIAN ASSISTING	0	0.0			
VETERINARY MEDICINE	6	25.8			
HEALTH SCI & ALLIED, GEN	134	21.9			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL) (	189)	(25.0)	VISUAL/PERFORM ARTS	(122)	(22.2)
ASTRONOMY	1	24.0	APPLIED DESIGN/CRAFTS	1	21.0
ATMOSPHER SCI & METEOROL	2	22.5	ART	6	22.2
BIOCHEMISTRY & BIOPHYSICS	15	27.3	ART HIST & APPRECIATION	1	26.0
BIOLOGY	66	24.2	CINEMATOGRAPHY/FILM/VIDEO	13	22.4
BOTANY	1	29.0	DANCE	5	20.8
CHEMISTRY	12	26.9	DESIGN, GENERAL	2	17.5
EARTH SCIENCE	0	0.0	DRAMA/THEATRE ARTS	16	24.0
ECOLOGY/ENV STUDIES	9	24.9	FINE ARTS, GENERAL	1	15.0
GEOLOGY	1	26.0	GRAPHIC ARTS TECHNOLOGY	2	18.0
MICROBIOLOGY	1	26.0	GRAPHIC DESIGN	6	24.0
OCEANOGRAPHY	7	23.0	MUSIC (LIBERAL ARTS)	4	21.3
PHYSICS	3	24.3	MUSIC PERFORMANCE	6	21.5
ZOOLOGY	6	23.8	MUSIC THEORY & COMPOSIT	6	24.2
SCIENCES (BIO & PHYS), GEN	65	25.2	PHOTOGRAPHY	4	19.3
			VISUAL/PERFORM ARTS, GEN	49	22.1
SOCIAL SCIENCES (	258)	(23.4)	UNDECIDED	(291)	(22.9)
ANTHROPOLOGY	2	19.5			
ECONOMICS	0	0.0			
GEOGRAPHY	0	0.0			
HISTORY	17	25.6			
INTERNATIONAL RELATIONS	14	26.5			
LAW	35	22.1			
PARALEGAL/LEGAL ASSISTING	0	0.0			
POLITICAL SCI/GOVERNMENT	40	26.1			
PSYCHOLOGY	76	21.7			
SOCIOLOGY	10	23.7			
URBAN STUDIES	0	0.0			
SOCIAL SCIENCES, GENERAL	64	23.1			
TRADE & INDUSTRIAL (	6)	(21.7)			
AIRCRAFT TECHNICIAN	0	0.0			
AIRPLANE PILOTING & NAVIG	2	20.5			
AUTOMOTIVE BODY REPAIR	0	0.0			
AUTOMOTIVE TECHNOLOGY	1	18.0			
AVIATION MANAGEMENT	1	25.0			
COMPUTER ELECTRNCS/REPAIR	0	0.0			
CONSTRCT TRADES & CARPENT	1	25.0			
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	1	21.0			

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)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
BUSINESS OPER (04-05)	3	17.0	2	20.0	0	0.0	3	17.0	0	0.0
TECHNICAL (06-07)	2	18.5	1	20.0	1	17.0	0	0.0	2	18.5
SCIENCE & TECH (08-09)	1	21.0	0	0.0	0	0.0	1	21.0	0	0.0
ARTS (10-11)	2	17.5	1	13.0	0	0.0	2	17.5	0	0.0
SOCIAL SERVICE (12-01)	3	13.3	1	14.0	1	13.0	2	13.5	1	13.0
OTHER*	8	14.4	1	17.0	5	13.6	4	13.5	4	15.3
TOTAL	19	15.7	6	17.3	7	14.0	12	15.7	7	15.9
<u>PLAN ON 4-YEARS OR MORE OF COLLEGE</u>										
ADMIN & SALES (02-03)	287	22.4	199	22.8	78	21.8	82	23.0	203	22.2
BUSINESS OPER (04-05)	163	22.2	115	22.7	47	21.1	78	21.7	81	22.8
TECHNICAL (06-07)	219	22.3	142	22.1	69	22.4	120	22.4	99	22.2
SCIENCE & TECH (08-09)	360	23.6	227	24.4	117	22.2	133	24.5	222	23.1
ARTS (10-11)	302	23.5	192	24.0	96	22.7	82	23.8	216	23.4
SOCIAL SERVICE (12-01)	361	22.4	208	22.8	131	21.8	76	22.7	281	22.3
OTHER*	1025	22.8	529	23.2	280	22.1	386	22.8	629	22.8
TOTAL	2717	22.8	1612	23.2	818	22.1	957	23.0	1731	22.7

* 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	788	3.23	3.20	3.39	3.23	3.26	0.51
FEMALE	1474	3.42	3.25	3.45	3.31	3.36	0.46
NO RESPONSE	26	3.32	3.15	3.28	3.20	3.22	0.39
AFRICAN-AMERICAN/BLACK	165	3.06	2.79	3.03	2.87	2.95	0.52
CAUCASIAN-AMERICAN/WHITE	1579	3.37	3.25	3.46	3.31	3.34	0.46
OTHER MINORITY	258	3.38	3.29	3.41	3.31	3.35	0.49
MISSING/PREFER NO RESP	286	3.42	3.31	3.51	3.35	3.40	0.43
TOTAL	2288	3.35	3.23	3.43	3.28	3.32	0.48

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 39, THIS MEANS THAT 39% 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 33 PERCENT OF STUDENTS SCORED BELOW 21.

TABLE 4 EXAMPLE

STD SCORE	ACT COMPOSITE	
	FREQ	CP
36	0	99
35	6	99
34	26	99
33	34	99
32	52	98
31	82	97
30	117	95
29	176	92
28	190	88
27	238	83
26	287	77
25	297	70
24	338	63
23	352	54
22	254	46
21	272	39 <-- 39% OF THE STUDENTS SCORE AT OR BELOW 21
20	258	33 <-- 33% OF THE STUDENTS SCORE BELOW 21
19	231	26
18	207	20
17	179	15
16	142	11
15	121	7
14	74	4
13	51	3
12	30	1
11	13	1
10	5	1
9	3	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

