

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

**STATE COMPOSITE FOR
UTAH**

CODE 450-000

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	9524	11649	43/ 53	22.0/19.9	21.8/19.9	22.9/21.0	22.4/20.8	22.4/20.5
2001-02	8832	11116	42/ 53	21.8/19.9	21.8/20.1	23.0/21.2	22.2/20.9	22.3/20.6
2002-03	8801	10952	42/ 52	21.9/19.8	21.7/20.0	23.0/21.2	22.2/20.8	22.3/20.6
2003-04	8959	10435	43/ 50	22.0/20.0	21.9/20.2	23.1/21.4	22.1/20.8	22.4/20.7
2004-05	8847	9795	43/ 48	22.2/20.2	21.9/20.3	23.2/21.3	22.2/20.8	22.5/20.8

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
2000-01	22103	20.9	20.7	21.8	21.5	21.4
2001-02	21010	20.7	20.8	22.0	21.4	21.4
2002-03	21007	20.7	20.7	22.0	21.4	21.3
2003-04	20856	20.9	20.9	22.2	21.4	21.5
2004-05	20593	21.1	21.0	22.2	21.4	21.5

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
Q3 (75TH PERCENTILE)	24.9	24.4	26.3	24.1	24.7
Q2 (50TH PERCENTILE - MEDIAN)	20.8	20.2	22.0	21.2	21.2
Q1 (25TH PERCENTILE)	17.2	17.0	17.8	18.6	18.2

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= 51)	(N= 91)	(N= 7376)	(N= 234)	(N= 285)	(N= 127)
ENGLISH	18.1	17.3	22.4	18.9	21.3	20.2
USAGE/MECH	8.6	8.2	11.2	9.1	10.5	9.7
RHET SKILLS	9.5	9.1	11.7	10.0	11.2	10.7
MATHEMATICS	17.1	18.4	22.1	19.0	21.8	20.0
PRE/ELEM-ALG	8.5	9.3	11.7	9.8	11.4	10.3
ALG/CRD-GEOM	8.9	9.4	11.1	9.6	11.1	10.2
PLANE GEOM/TRIG	8.2	8.9	11.2	9.5	10.8	10.0
READING	19.3	19.7	23.4	20.6	22.3	21.0
SOC STU/SCI	9.6	10.0	12.0	10.5	11.5	10.6
ARTS/LITERATURE	9.8	9.8	12.0	10.5	11.2	10.8
SCIENCE	18.7	18.9	22.4	20.1	21.6	20.9
COMPOSITE	18.4	18.7	22.7	19.8	21.9	20.6
LESS THAN CORE	(N= 56)	(N= 101)	(N= 8182)	(N= 274)	(N= 244)	(N= 155)
ENGLISH	16.1	15.0	20.5	16.8	19.2	16.0
USAGE/MECH	7.6	7.0	10.1	7.9	9.4	7.4
RHET SKILLS	8.4	7.9	10.8	8.8	10.0	8.4
MATHEMATICS	16.8	17.1	20.5	17.6	20.6	17.4
PRE/ELEM-ALG	8.2	8.1	10.7	8.7	10.6	8.5
ALG/CRD-GEOM	8.4	8.5	10.3	8.6	10.4	8.8
PLANE GEOM/TRIG	8.1	8.6	10.3	8.8	10.2	8.3
READING	17.3	17.5	21.6	18.3	20.1	17.8
SOC STU/SCI	8.6	9.0	11.1	9.3	10.5	9.0
ARTS/LITERATURE	8.6	8.4	10.9	9.1	9.9	8.7
SCIENCE	17.2	17.6	21.1	18.5	20.5	18.1
COMPOSITE	17.0	16.9	21.1	17.9	20.2	17.4
NO RESPONSE	(N= 13)	(N= 19)	(N= 1542)	(N= 47)	(N= 39)	(N= 24)

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= 120)	(N= 211)	(N= 17100)	(N= 555)	(N= 568)	(N= 306)
ENGLISH	16.7	16.0	21.4	17.9	20.3	18.0
USAGE/MECH	7.8	7.5	10.6	8.5	10.0	8.5
RHET SKILLS	8.8	8.4	11.2	9.4	10.6	9.5
MATHEMATICS	16.7	17.7	21.2	18.3	21.1	18.6
PRE/ELEM-ALG	8.2	8.6	11.1	9.2	11.0	9.3
ALG/CRD-GEOM	8.5	8.9	10.6	9.1	10.7	9.5
PLANE GEOM/TRIG	8.1	8.7	10.7	9.2	10.5	9.1
READING	18.0	18.4	22.4	19.5	21.2	19.3
SOC STU/SCI	9.1	9.4	11.5	9.9	11.0	9.7
ARTS/LITERATURE	8.9	9.0	11.4	9.8	10.6	9.7
SCIENCE	17.8	18.1	21.6	19.3	21.0	19.4
COMPOSITE	17.4	17.6	21.8	18.9	21.0	18.9

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 20.9	62 20.6	8394 23.6	198 20.9	320 23.1	102 21.0
3.00 - 3.49	27 18.8	40 16.6	2957 20.1	99 18.0	83 18.5	66 17.9
2.50 - 2.99	15 15.6	30 16.7	1204 18.9	71 16.8	42 17.9	35 17.3
2.00 - 2.49	12 15.2	19 15.2	503 18.2	35 16.3	20 17.2	23 16.1
1.99 & BELOW	2 14.0	8 15.9	140 18.1	15 16.4	5 15.2	3 15.3
CGPA PRED BY STUDENT						
3.5 - 4.0	17 20.7	38 20.6	7243 23.8	158 21.3	249 23.7	96 21.1
3.0 - 3.4	55 17.9	76 18.7	6153 20.4	233 18.3	184 19.4	117 18.7
2.5 - 2.9	21 15.5	51 16.0	1454 18.8	81 16.7	59 17.6	33 16.7
2.0 - 2.4	10 14.6	15 14.9	410 17.2	25 15.5	19 16.2	16 16.1
1.9 & BELOW	2 16.5	9 14.1	64 16.6	7 15.1	5 15.0	7 14.1
HIGH SCHOOL RANK						
TOP QUARTER	21 20.1	69 19.4	7353 23.8	154 21.2	232 24.3	76 22.2
2ND QUARTER	46 17.5	68 17.3	5089 20.2	208 18.1	161 19.2	110 18.5
BOTTOM HALF	34 15.9	44 16.3	1960 18.5	115 17.4	87 17.0	61 16.7

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	4143	20	2975	14	646	3	63	0
	FEMALE	4759	23	3501	17	918	4	63	0
	TOTAL	8977	44	6526	32	1567	8	126	1
NO. & VARIETY OF COURSE OFFERINGS	MALE	4436	22	2152	10	1138	6	96	0
	FEMALE	5145	25	2344	11	1645	8	98	0
	TOTAL	9648	47	4535	22	2804	14	194	1
GRADING PRACTICES & POLICIES	MALE	3650	18	2989	15	1068	5	99	0
	FEMALE	4569	22	3286	16	1271	6	99	0
	TOTAL	8285	40	6321	31	2354	11	199	1
NO. & KINDS OF TESTS GIVEN	MALE	3345	16	3424	17	935	5	102	0
	FEMALE	3900	19	4023	20	1214	6	86	0
	TOTAL	7299	35	7500	36	2168	11	188	1
GUIDANCE SERV PROVIDED BY GUIDANCE OFFICE	MALE	3495	17	2637	13	1235	6	438	2
	FEMALE	4098	20	2788	14	1894	9	445	2
	TOTAL	7657	37	5464	27	3149	15	888	4
SCHOOL RULES, REGULATIONS, & POLICIES	MALE	3309	16	2858	14	1498	7	141	1
	FEMALE	4139	20	3055	15	1897	9	137	1
	TOTAL	7511	36	5956	29	3415	17	280	1
LIBRARY OR LEARNING CENTER	MALE	3799	18	2848	14	905	4	253	1
	FEMALE	4899	24	2928	14	1110	5	285	1
	TOTAL	8769	43	5809	28	2034	10	542	3
LABORATORY FACILITIES	MALE	3378	16	2904	14	1146	6	378	2
	FEMALE	3770	18	3424	17	1386	7	639	3
	TOTAL	7205	35	6372	31	2552	12	1024	5
PROVISIONS FOR SPECIAL HELP IN READING, MATH, ETC	MALE	2879	14	2554	12	656	3	1706	8
	FEMALE	3589	17	2644	13	934	5	2053	10
	TOTAL	6523	32	5234	25	1605	8	3779	18
PROVISIONS FOR ACADEMICALLY OUTSTANDING STU	MALE	4456	22	2212	11	558	3	571	3
	FEMALE	5751	28	2182	11	736	4	555	3
	TOTAL	10276	50	4435	22	1301	6	1135	6
ADEQUACY OF PROG IN CAREER EDUC & PLANNING	MALE	3470	17	2978	14	1006	5	330	2
	FEMALE	4115	20	3152	15	1513	7	416	2
	TOTAL	7650	37	6175	30	2531	12	751	4

NUMBER OF STUDENTS - 20593

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 20593)

STD SCORE	ACT ENGLISH		ACT MATHEMATICS		ACT READING		ACT SCIENCE		ACT COMPOSITE	
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP
36	24	99	21	99	119	99	36	99	3	99
35	107	99	88	99	194	99	89	99	26	99
34	236	99	137	99	326	98	110	99	63	99
33	172	98	102	99	366	97	84	99	141	99
32	244	97	175	98	313	95	148	98	182	99
31	416	96	223	97	514	94	174	98	252	98
30	352	94	221	96	654	91	112	97	387	97
29	684	92	455	95	651	88	334	96	502	95
28	659	89	558	93	745	85	475	95	663	92
27	681	86	938	90	1000	81	555	92	868	89
26	897	83	1077	86	1085	76	1205	90	1044	85
25	1162	78	982	81	881	71	1142	84	1221	80
24	1117	73	1498	76	1404	67	1689	78	1376	74
23	1036	67	1303	69	1463	60	1728	70	1496	67
22	1479	62	984	62	1155	53	1757	62	1614	60
21	1494	55	1175	57	1009	47	2255	53	1725	52
20	1600	48	1384	52	1790	42	2167	42	1672	44
19	1449	40	1375	45	1154	34	1534	32	1721	36
18	1257	33	1733	38	854	28	1670	24	1521	27
17	1085	27	1927	30	1027	24	1092	16	1299	20
16	876	22	1961	21	1101	19	742	11	1036	14
15	1159	17	1263	11	728	14	536	7	743	9
14	754	12	630	5	906	10	318	5	516	5
13	474	8	286	2	558	6	262	3	335	3
12	328	6	74	1	385	3	168	2	128	1
11	303	4	19	1	138	1	110	1	45	1
10	196	3	3	1	31	1	52	1	12	1
9	144	2	1	1	28	1	29	1	2	1
8	133	1	0	1	7	1	16	1	0	1
7	58	1	0	1	3	1	2	1	0	1
6	14	1	0	1	2	1	2	1	0	1
5	3	1	0	1	2	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	539	3	348	2	1005	5	319	2	233	1
28-32	2355	11	1632	8	2877	14	1243	6	1986	10
24-27	3857	19	4495	22	4370	21	4591	22	4509	22
20-23	5609	27	4846	24	5417	26	7907	38	6507	32
16-19	4667	23	6996	34	4136	20	5038	24	5577	27
13-15	2387	12	2179	11	2192	11	1116	5	1594	8
01-12	1179	6	97	0	596	3	379	2	187	1

AVG(SD) 21.1(5.6) 21.0(4.8) 22.2(5.8) 21.4(4.3) 21.5(4.6)

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 = 20593)

STD SCORE	USAGE/MECH		RHET SKILLS		SOC STU/SCI		ARTS/LIT		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	
18	466	99	139	99	306	99	757	99	18
17	725	98	385	99	1215	99	1067	96	17
16	757	94	1053	97	1203	93	1271	91	16
15	1171	91	1289	92	1423	87	1556	85	15
14	1209	85	1756	86	1606	80	1051	77	14
13	1374	79	1746	78	1700	72	1775	72	13
12	1787	72	2592	69	2348	64	2895	64	12
11	2208	64	2453	56	2013	52	1761	50	11
10	2049	53	2777	45	2248	43	1655	41	10
9	2065	43	2480	31	2361	32	1587	33	9
8	2145	33	1589	19	1871	20	1545	25	8
7	1673	23	1039	11	1098	11	1332	18	7
6	1306	14	630	6	578	6	1105	11	6
5	810	8	380	3	320	3	843	6	5
4	526	4	219	1	196	1	256	2	4
3	206	2	58	1	68	1	111	1	3
2	111	1	8	1	30	1	25	1	2
1	5	1	0	1	9	1	1	1	1
AVERAGE		10.4		11.0		11.4		11.3	
S.D.		3.6		3.0		3.3		3.6	

STD SCORE	PRE/ELEM		ALG/CRD-GEOM		PLN GEOM/TRIG		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	
18	425	99	150	99	96	99	18
17	667	98	235	99	176	99	17
16	1097	95	415	98	564	99	16
15	1097	89	623	96	814	96	15
14	1733	84	1788	93	1538	92	14
13	1910	76	1396	84	2022	85	13
12	1565	66	3135	78	2751	75	12
11	2356	59	2310	62	2041	61	11
10	2042	47	2758	51	4022	51	10
9	1580	37	3703	38	2015	32	9
8	2909	30	1640	20	1735	22	8
7	2061	16	967	12	1256	14	7
6	795	6	618	7	831	8	6
5	234	2	461	4	77	4	5
4	76	1	219	2	434	3	4
3	27	1	123	1	37	1	3
2	15	1	26	1	150	1	2
1	4	1	26	1	34	1	1
AVERAGE		10.9		10.5		10.6	
S.D.		3.2		2.8		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	9569	20.6	5.6	21.8	5.1	21.9	5.8	22.1	4.5	21.7	4.7
FEMALES	10838	21.5	5.6	20.3	4.5	22.4	5.7	20.9	4.1	21.4	4.4
NO RESPONSE	186	19.2	5.4	19.3	4.1	21.0	5.3	20.2	3.9	20.1	4.1

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	2	3	3	1	5	5	2	1	2	1	2	1
28-32	10	13	11	5	14	14	8	4	11	9	11	9
24-27	17	20	24	20	20	22	25	20	22	22	22	22
20-23	27	28	23	24	26	27	37	40	30	33	30	33
16-19	24	21	30	37	21	19	21	27	27	27	27	27
13-15	13	10	8	12	12	10	5	6	8	8	8	8
01-12	7	5	0	1	3	2	1	2	1	1	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	4141	24	23.1	161	21	418	19	2386	30	1176	18
GOOD	7556	43	21.6	327	42	945	43	3342	42	2942	44
AVERAGE	3485	20	20.1	162	21	512	24	1189	15	1622	24
BELOW AVERAGE	668	4	19.9	45	6	96	4	204	3	323	5
VERY INADEQUATE	867	5	20.7	55	7	124	6	393	5	295	4
NO RESPONSE	762	4	21.3	29	4	83	4	351	4	299	4
NO. OF STUDENTS	17479			779		2178		7865		6657	

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	20593	21.1	5.6	21.0	4.8	22.2	5.8	21.4	4.3	21.5	4.6
COLLEGE CORE											
E4, M3, SS3, NS3	8847	22.2	5.4	21.9	4.8	23.2	5.6	22.2	4.2	22.5	4.4
In between	7160	20.6	5.7	20.6	4.8	21.6	5.8	21.1	4.3	21.1	4.6
E4, M2, SS2, NS2	2635	19.2	5.5	19.4	4.6	20.5	5.6	20.2	4.3	19.9	4.5
No Response	1951	20.6	5.5	20.4	4.7	21.9	5.6	21.0	4.3	21.1	4.4
HS GPA RANGES											
3.50 - 4.00	9783	23.3	5.3	23.0	4.7	24.1	5.5	22.9	4.1	23.4	4.3
3.00 - 3.49	3555	19.2	4.9	19.2	3.9	20.6	5.2	20.2	3.8	19.9	3.9
2.50 - 2.99	1527	17.7	5.0	17.9	3.5	19.3	5.2	19.0	3.9	18.6	3.8
2.00 - 2.49	670	16.5	4.7	17.3	3.3	18.2	4.9	18.5	3.8	17.8	3.5
1.99 & below	194	16.6	5.4	17.0	3.1	18.2	5.5	18.6	3.9	17.7	4.0

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	2453	12	3.62	21.8	22.1
ENG 9, ENG 10, ENG 11, ENG 12	14396	70	3.56	21.2	21.7
LESS THAN 4 YEARS OF ENGLISH	1746	8	3.43	19.6	20.4
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	1998	10	- . -	20.6	21.1
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	1226	6	3.67	24.3	24.3
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	1416	7	3.54	21.9	22.5
ALG 1, ALG 2, GEOM, TRIG	1230	6	3.32	20.1	21.0
ALG 1, ALG 2, GEOM, OTHER ADV MATH	2661	13	3.33	20.2	21.1
ALG 1, ALG 2, GEOM	3703	18	2.91	17.8	18.9
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	5600	27	3.64	23.9	23.8
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	970	5	3.32	21.2	21.7
LESS THAN 3 YEARS OF MATH	1653	8	2.79	17.3	18.2
NO MATH COURSE/GRADE INFORMATION REPORTED	2134	10	- . -	20.4	21.1
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	138	1	3.61	22.3	21.5
US HIST, WORLD HIST, AM GOVT	246	1	3.45	21.1	21.0
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	4919	24	3.65	22.9	22.0
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	7249	35	3.63	22.5	21.8
LESS THAN 3 YEARS OF SOC SCI	5865	28	3.52	21.4	21.0
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	2176	11	- . -	21.9	21.1
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	4377	21	3.62	22.6	22.7
BIOLOGY, CHEMISTRY, PHYSICS	1476	7	3.56	23.5	23.7
GEN SCIENCE, BIOLOGY, CHEMISTRY	5306	26	3.52	21.3	21.5
OTHER COMBINATIONS OF 3 YEARS NAT SCI	2142	10	3.47	21.4	21.5
LESS THAN 3 YEARS OF NAT SCI	5080	25	3.37	20.3	20.2
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	2212	11	- . -	21.1	21.1

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	1064	11	3.51	21.4	22.3
ENG 9, ENG 10, ENG 11, ENG 12	6576	69	3.44	20.7	21.8
LESS THAN 4 YEARS OF ENGLISH	865	9	3.32	19.5	20.7
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	1064	11	- . -	20.1	21.3
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	624	7	3.64	24.8	24.3
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	553	6	3.45	22.4	22.3
ALG 1, ALG 2, GEOM, TRIG	549	6	3.22	20.5	20.7
ALG 1, ALG 2, GEOM, OTHER ADV MATH	1047	11	3.23	20.7	20.9
ALG 1, ALG 2, GEOM	1524	16	2.78	18.3	18.8
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	2875	30	3.61	24.8	24.1
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	500	5	3.26	21.9	21.9
LESS THAN 3 YEARS OF MATH	753	8	2.75	18.0	18.4
NO MATH COURSE/GRADE INFORMATION REPORTED	1144	12	- . -	20.9	21.2
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	79	1	3.55	21.7	21.3
US HIST, WORLD HIST, AM GOVT	150	2	3.35	20.9	21.1
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	2069	22	3.61	22.6	22.2
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	3080	32	3.56	22.2	22.1
LESS THAN 3 YEARS OF SOC SCI	3023	32	3.46	21.2	21.3
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	1168	12	- . -	21.8	21.3
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	2286	24	3.60	23.2	23.0
BIOLOGY, CHEMISTRY, PHYSICS	751	8	3.54	24.4	24.3
GEN SCIENCE, BIOLOGY, CHEMISTRY	1995	21	3.42	21.7	21.3
OTHER COMBINATIONS OF 3 YEARS NAT SCI	1167	12	3.44	22.1	21.8
LESS THAN 3 YEARS OF NAT SCI	2188	23	3.29	20.7	20.1
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	1182	12	- . -	21.7	21.3

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	1379	13	3.70	22.1	21.9
ENG 9, ENG 10, ENG 11, ENG 12	7703	71	3.66	21.7	21.5
LESS THAN 4 YEARS OF ENGLISH	863	8	3.55	19.8	20.0
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	893	8	- . -	21.2	20.9
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	596	5	3.71	23.7	24.4
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	854	8	3.59	21.6	22.7
ALG 1, ALG 2, GEOM, TRIG	673	6	3.40	19.8	21.2
ALG 1, ALG 2, GEOM, OTHER ADV MATH	1596	15	3.40	19.9	21.3
ALG 1, ALG 2, GEOM	2138	20	2.99	17.5	19.1
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	2690	25	3.66	22.9	23.5
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	463	4	3.39	20.5	21.5
LESS THAN 3 YEARS OF MATH	881	8	2.83	16.8	18.0
NO MATH COURSE/GRADE INFORMATION REPORTED	947	9	- . -	19.7	20.9
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	59	1	3.67	23.0	21.9
US HIST, WORLD HIST, AM GOVT	91	1	3.60	21.4	20.7
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	2808	26	3.68	23.1	21.8
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	4127	38	3.68	22.7	21.6
LESS THAN 3 YEARS OF SOC SCI	2788	26	3.59	21.6	20.8
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	965	9	- . -	22.1	20.9
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	2065	19	3.64	21.8	22.4
BIOLOGY, CHEMISTRY, PHYSICS	713	7	3.58	22.5	23.2
GEN SCIENCE, BIOLOGY, CHEMISTRY	3275	30	3.57	21.0	21.6
OTHER COMBINATIONS OF 3 YEARS NAT SCI	956	9	3.51	20.5	21.1
LESS THAN 3 YEARS OF NAT SCI	2842	26	3.43	20.0	20.3
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	987	9	- . -	20.4	21.0

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	190	19.0	34	52	2	2	1	1	1	1
ARCH & ENVIR DESIGN	483	20.9	34	51	4	4	2	3	3	3
BUSINESS & MGMT	1202	21.2	25	52	10	10	5	5	8	7
BUSINESS & OFFICE	142	20.7	15	62	1	1	1	1	1	1
MARKETING & DISTRIBUTION	134	19.8	26	51	1	1	1	1	1	1
COMMUNICATION & COMM TEC	351	21.9	29	52	2	2	2	3	2	2
COMMUNITY & PRSNL SVCS	391	19.1	42	42	2	3	3	4	2	3
COMPUTER & INFO SCI	500	22.8	36	51	6	6	1	0	3	3
CROSS-DISC STUDIES	12	22.2	8	50	0	0	0	0	0	0
EDUCATION	754	21.5	39	48	1	1	8	8	5	5
TEACHER EDUCATION	401	20.9	42	45	1	2	4	4	3	3
ENGINEERING	554	23.0	27	54	7	6	1	1	4	3
ENGINEERING-RELATED TECH	462	22.7	26	56	6	6	0	1	3	3
FOREIGN LANGUAGES	77	22.8	32	43	0	0	1	0	0	0
HEALTH SCI & ALLIED HLTH	3615	21.3	47	44	15	17	29	31	23	24
HUMAN, FAMILY/CONS SCI	228	20.2	32	46	0	0	2	3	1	2
LETTERS	153	24.2	27	54	0	0	1	1	1	1
MATHEMATICS	86	25.7	21	55	1	0	0	0	1	0
PHILOS, RELIG & THEOL	46	23.5	33	57	0	1	0	0	0	0
SCI (BIOL & PHYSICAL)	757	23.8	29	52	6	5	4	3	5	4
SOCIAL SCIENCES	1138	22.5	35	51	5	5	9	8	7	7
TRADE & INDUSTRIAL	290	18.8	39	43	4	5	0	0	2	2
VISUAL & PERFORM ARTS	1326	21.7	39	47	7	7	10	10	8	9
UNDECIDED	2493	21.5	8	14	18	16	14	12	16	14
NO RESPONSE	4808									

NUMBER OF STUDENTS - 20593

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	2957	19.8	14	AFRICAN-AMER/BLACK	120	17.4	1
COLL PREP	7865	23.4	38	AM INDIAN,ALASKAN NTV	211	17.6	1
OTHER/GENERAL/NO RESP	9771	20.6	47	CAUCASIAN-AMER/WHITE	17100	21.8	83
				MEXICAN-AMER/CHICANO	555	18.9	3
REQUEST ASSISTANCE WITH				ASIAN-AMER,PACIFIC ISL	568	21.0	3
ED/OCCUP PLANS	8279	21.6	40	PUERTO RICAN,HISPANIC	306	18.9	1
EXPR IDEAS IN WRITING	4189	20.2	20	OTHER	250	19.2	1
READING/COMPREHENSION	4470	19.4	22	MULTIRACIAL	269	21.2	1
STUDY SKILLS	7959	20.3	39	PREFER NOT TO RESPOND	571	22.3	3
MATH SKILLS	7684	19.7	37	NO RESPONSE	643	21.6	3
PERSONAL CONCERNS	2102	20.2	10				
				ESTIMATED FAMILY INCOME			
EXPRESSED FIN NEED				LESS THAN \$18,000	975	19.5	5
NEED FINANCIAL AID	13751	21.5	67	ABOUT \$18,000-\$24,000	870	19.9	4
NEED TO FIND WORK	13669	21.3	66	ABOUT \$24,000-\$30,000	877	20.5	4
				ABOUT \$30,000-\$36,000	1046	20.5	5
SPECIAL COLLEGE PROG				ABOUT \$36,000-\$42,000	1311	20.7	6
INDEP STUDY	7688	22.2	37	ABOUT \$42,000-\$50,000	1717	21.3	8
HONORS COURSES	5984	24.0	29	ABOUT \$50,000-\$60,000	2090	21.7	10
				ABOUT \$60,000-\$80,000	3008	22.0	15
ADV PLACEMENT IN COLL				ABOUT \$80,000-\$100,000	1995	22.3	10
ENGLISH	6227	23.3	30	MORE THAN \$100,000	2089	22.9	10
MATH	5213	23.9	25	NO RESPONSE	4615	21.7	22
SOCIAL STUDIES	5441	23.3	26				
NATURAL SCIENCE	4488	23.5	22	HS CLASS RANK			
FOREIGN LANG	3599	22.2	17	TOP QTR	8491	23.7	41
				2ND QTR	6147	20.0	30
MAX YEARLY COLL TUITION				3RD QTR	2238	18.3	11
\$1000 & UNDER	667	18.3	3	4TH QTR	290	18.0	1
\$1001 - \$2000	1341	19.5	7	NO RESPONSE	3427	21.3	17
\$2001 - \$4000	3621	21.0	18				
\$4001 - \$7500	2741	21.6	13	EDUC DEG ASPIRATION			
\$7501 & OVER	542	22.0	3	VOC-TECH	190	17.8	1
NO PREFERENCE	8111	22.3	39	2YR COL DEGREE	949	18.4	5
NO RESPONSE	3570	21.7	17	BACHELORS DEGREE	7836	20.7	38
				GRAD STUDY	3671	22.9	18
MOST RECENTLY TESTED				PROF LEVEL DEGREE	5236	22.8	25
SOPHOMORE	158	21.6	1	OTHER	411	18.9	2
JUNIOR	5823	21.9	28	NO RESPONSE	2300	21.5	11
SENIOR	13011	21.2	63				
OTHER/NO RESPONSE	1601	22.7	8	NUMBER OF STUDENTS			
				HOME SCHOOLED	69	22.7	0
COLLEGE CORE PREPARATION				EARNED A GED	33	19.8	0
CORE OR MORE	8847	22.5	43	ALL STUDENTS	20593	21.5	100
LESS THAN CORE	9795	20.8	48				
NO RESPONSE	1951	21.1	9				

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	
4274 UNIVERSITY OF UTAH	UT	9675	3247	6428	1	6	24	33	25	11	1	
4276 UTAH STATE UNIV	UT	8368	2163	6205	1	6	25	34	24	10	1	
4266 BRIGHAM YOUNG UNIV	UT	6748	3157	3591	0	3	17	31	30	16	2	
4282 WEBER STATE UNIV	UT	5044	1457	3587	1	8	30	34	20	6	1	
4278 UTAH VALLEY ST COLL	UT	4586	1139	3447	1	10	32	35	18	5	0	
4271 SOUTHERN UTAH UNIV	UT	4102	905	3197	1	9	30	35	20	6	0	
4272 DIXIE ST C OF UTAH	UT	3755	974	2781	1	12	38	33	13	2	0	
4290 SALT LAKE CC	UT	3232	827	2405	2	13	38	32	14	2	0	
4273 SNOW COLLEGE	UT	3224	743	2481	1	11	34	33	17	4	0	
0926 BRIGHAM YOUNG-IDAHO	ID	1817	353	1464	0	4	18	32	32	13	1	
4284 WESTMINSTER C-SALT L	UT	1513	259	1254	0	7	26	32	25	9	1	
4268 COLL EASTERN UTAH	UT	621	192	429	1	12	39	33	12	2	0	
0899 BRIGHAM YOUNG-HAWAII	HI	591	85	506	0	4	18	32	30	14	1	
4270 LDS BUSINESS COLLEGE	UT	359	43	316	2	9	37	32	17	3	0	
0434 STANFORD UNIVERSITY	CA	348	47	301	0	1	6	16	29	39	9	
0088 ARIZONA STATE UNIV	AZ	311	61	250	1	5	26	30	24	12	1	
0448 U OF CA LOS ANGELES	CA	239	37	202	1	5	25	26	25	18	0	
0470 U OF SOUTHERN CALIF	CA	239	29	210	1	3	19	23	30	23	2	
4277 UTAH STATE U-UINTAH	UT	204	34	170	1	14	34	34	12	5	0	
4269 PROVO COLLEGE	UT	194	11	183	2	19	49	23	8	0	0	
2496 U NEVADA-LAS VEGAS	NV	186	25	161	0	11	32	26	25	6	0	
9999 NCAA CLEARINGHOUSE	IA	185	58	127	2	8	24	28	27	10	1	
0398 SAN DIEGO STATE UNIV	CA	182	32	150	0	5	27	34	25	8	1	
4484 UNIV OF WASHINGTON	WA	179	35	144	0	2	12	31	35	17	3	
1840 HARVARD COLLEGE	MA	164	18	146	0	1	12	20	26	33	10	
4400 SOUTHERN VIRGINIA U	VA	162	36	126	0	5	18	36	27	12	1	
0096 UNIV OF ARIZONA	AZ	161	25	136	1	7	24	34	24	9	2	
2838 NEW YORK UNIVERSITY	NY	156	28	128	0	1	6	26	32	32	3	
0504 COLORADO STATE UNIV	CO	146	19	127	0	1	19	36	29	14	1	
0444 U OF CA BERKELEY	CA	132	24	108	1	0	13	17	28	38	4	
7000 UNLISTED INSTITUTION	IA	120	28	92	0	5	36	30	25	3	1	
3498 UNIVERSITY OF OREGON	OR	118	21	97	1	2	19	26	25	25	3	
4286 STEVENS HENAGR-OGDEN	UT	113	12	101	1	27	39	22	10	2	0	
1858 M I T	MA	107	29	78	0	0	3	7	28	43	20	
0394 UNIV OF SAN DIEGO	CA	104	12	92	0	2	30	25	34	10	0	
ALL OTHER INSTITUTIONS		7148	1364	5784	1	7	22	28	26	15	2	
TOTALS		64533	17529	47004	1	7	26	32	23	10	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	(190)	(19.0)	BUSINESS & OFFICE	(142)	(20.7)
AGRICULTURAL BUSINESS	8	22.6	BOOKKEEPING/ACCT TECH	17	19.5
AGRICULTURAL ECONOMICS	0	0.0	BUSINESS DP/COMPUTER OPER	4	20.3
AGRICULTURAL MECHANICS	1	17.0	COURT REPORTING	1	14.0
AGRI PRODUCTION/TECH	1	18.0	OFFICE SUPERVISION & MGMT	11	22.1
AGRONOMY	0	0.0	SECRETARIAL	20	19.4
ANIMAL SCIENCES	23	20.0	TYPING & GENERAL OFFICE	0	0.0
FARM & RANCH MANAGEMENT	9	17.9	WORD PROCESSING	1	14.0
FISH, GAME, WILDLIFE MGMT	35	18.3	BUSINESS & OFFICE, GEN	88	21.2
FOOD SCIENCES/ENGINEERING	2	14.0			
FORESTRY & RELATED SCI	11	18.5	MARKETING & DISTRIBUTION	(134)	(19.8)
HORTICULTURE/ORNMENTAL HORT	3	22.7	FASHION MERCHANDISING	23	17.7
NATURAL RESOURCES MGMT	0	0.0	RETAILING & SALES	10	20.5
AGRICULTURE & AG TECH, GEN	97	18.9	TRAVEL SERVICES & TOURISM	7	18.0
			MARKETING & DISTRIB, GEN	94	20.3
ARCH & ENVIR DESIGN	(483)	(20.9)			
ARCHITECTURAL DRAFTING	103	21.0	COMMUNICATIONS & COMM TECH	(351)	(21.9)
ARCHITECTURE	62	22.0	ADVERTISING	11	20.9
BLDG CON/CONSTRUCTION SCI	21	19.5	GRAPHIC/COMMERCIAL ART	19	18.8
CITY, COMM & REG PLANNING	2	22.5	GRAPHIC & PRINT COMMUNIC	1	29.0
ENVIRONMENTAL DESIGN	2	24.0	JOURNALISM	73	23.2
INTERIOR DESIGN	89	20.7	PHOTO/FILM/VIDEO TECH	24	21.4
LANDSCAPE ARCHITECTURE	19	21.5	PUBLIC RELATIONS	16	21.1
ARCHI & ENVIR DESIGN, GEN	185	20.6	RADIO/TV BROADCASTING	59	21.1
			RADIO/TV PRODUCTN & TECH	6	21.2
BUSINESS & MGMT	(1202)	(21.2)	COMMUNIC & COMM TECH, GEN	142	22.2
ACCOUNTING	141	21.9			
BANKING & FINANCE	28	21.5	COMMNTY & PRSNL SVCS	(391)	(19.1)
BUSINESS ADMIN & MGMT	124	21.5	CORRECTIONS	4	19.0
BUSINESS ECONOMICS	21	23.0	COSMETOLOGY/HAIRSTYLING	51	18.6
CONTRACT MGMT & PURCHSING	2	19.0	CRIMINAL JUSTICE/CRIMINOL	87	19.5
HOTEL/RESTAURANT MGMT	12	19.3	FIRE PROTECTN/SAFETY TECH	13	18.5
HUMAN RESOURCE DEVEL/TRNG	3	21.0	FUNERAL SVCS/MORTUARY SCI	4	20.5
INSTITUTIONAL MANAGEMENT	0	0.0	LAW ENFORCEMENT & ADMIN	63	18.5
INSURANCE & RISK MGMT	6	19.5	LIBRARY SCI/LIB ASSISTING	4	26.0
INTERNATL BUSINESS/MGMT	30	25.1	MILITARY SCIENCE/TECH	12	20.9
LABOR/INDUSTRL RELATIONS	0	0.0	PARKS & RECREATION	3	16.0
MANAGEMENT INFO SYSTEMS	4	21.3	PUBLIC ADMINISTRATION	1	18.0
MANAGEMENT SCIENCE	2	15.0	PUBLIC AFFAIRS	4	18.8
MARKETING MGMT & RESEARCH	22	20.6	SOCIAL WORK	36	19.3
ORGANIZATIONAL BEHAVIOR	0	0.0	COMMNTY & PRSNL SVCS, GEN	109	19.0
PERSONNEL MANAGEMENT	2	25.5			
REAL ESTATE	9	20.1			
SML BUSINESS MGMT/OWNRSHIP	55	20.0			
TRADE & INDUSTRIAL MGMT	2	17.5			
TRANSPORTATION MANAGEMENT	0	0.0			
BUSINESS & MGMT, GEN	739	21.0			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	(500)	(22.8)	ENGINEERING	(554)	(23.0)
COMPUTER PROGRAMMING	201	22.8	AEROSPACE ENGINEERING	45	24.7
COMPUTER SCIENCE	72	23.7	AGRICULTURAL ENGINEERING	2	22.0
DATA PROCESSING	2	18.0	ARCHITECTURAL ENGINEERING	5	21.0
INFO SCIENCES & SYSTEMS	14	20.1	BIOENGINEER & BIOMED ENG	12	27.0
MATH/COMPUTER SCIENCE	12	25.8	CERAMIC ENGINEERING	1	21.0
COMPUTER & INFO SCI, GEN	199	22.5	CHEMICAL ENGINEERING	19	26.5
CROSS-DISC STUDIES	(12)	(22.2)	CIVIL ENGINEERING	22	24.4
AREA & ETHNIC STUDIES	0	0.0	COMPUTER ENGINEERING	33	21.3
LIBERAL ARTS/GEN STUDIES	6	24.0	CONSTRUCTION ENG/MGMT	10	18.9
MULTI-/INTERDISC STUDIES	1	22.0	ELECTRCL & ELECTRONIC ENG	33	24.6
CROSS-DISC STUDIES, GEN	5	20.0	ENGINEERING MANAGEMENT	2	19.0
EDUCATION	(754)	(21.5)	ENGINEERING PHYSICS	6	26.5
ADULT & CONTINUING EDUC	5	24.0	ENGINEERING SCIENCE	4	22.3
EDUCATION ADMINISTRATION	3	25.3	ENVIRONMENTAL HEALTH ENG	0	0.0
ELEMENTARY EDUCATION	287	21.3	GEOLOGICAL & GEOPHYS ENG	0	0.0
JR HIGH/MIDDLE SCH EDUC	22	21.7	INDUSTRIAL ENGINEERING	3	18.0
PRE-ELEMENTARY EDUCATION	30	18.6	MATERIALS ENGINEERING	0	0.0
SECONDARY EDUCATION	82	22.9	MECHANICAL ENGINEERING	71	22.6
STUDENT COUNSELING	7	20.0	METALLURGICAL ENGINEERING	1	14.0
TEACHER AIDE	1	21.0	MINING & MINERAL ENG	1	19.0
EDUCATION, GENERAL	317	21.6	NAVAL ARCHIT & MARINE ENG	2	27.0
TEACHER EDUCATION	(401)	(20.9)	NUCLEAR ENGINEERING	2	19.0
AGRICULTURAL EDUCATION	0	0.0	OCEAN ENGINEERING	1	21.0
ART EDUCATION	10	19.8	PETROLEUM ENGINEERING	2	21.5
BUSINESS EDUCATION	3	19.3	SYSTEMS ENGINEERING	0	0.0
ENGLISH EDUCATION	44	22.4	ENGINEERING, GENERAL	277	22.6
FOREIGN LANGUAGES EDUC	4	22.5	ENGINEERING-RELATED TECH	(462)	(22.7)
HEALTH EDUCATION	2	21.0	AERONAUTICAL TECHNOLOGY	36	23.7
HUMAN, FAM/CONS SCI EDUC	2	16.5	AC, HEATING, REFRIG TECH	1	25.0
INDUSTRIAL ARTS EDUCATION	1	16.0	ARCHITECTURAL DESIGN TECH	15	21.5
MATHEMATICS EDUCATION	13	25.5	BIOMEDICAL EQUIPMENT TECH	5	27.0
MUSIC EDUCATION	26	21.2	CIVIL ENGINEERING TECH	18	22.7
PHYSICAL EDUCATION	30	18.9	COMPUTER ENGINEERING TECH	23	22.8
SCIENCE EDUCATION	2	24.5	CONSTRUCTION/BLDG TECH	10	16.3
SOC STUDIES/SOC SCI EDUC	20	21.8	DRAFTING & DESIGN TECH	15	21.5
SPECIAL EDUCATION	13	21.1	ELECTRICAL ENG TECHNOLOGY	27	22.6
SPEECH CORRECTION EDUC	1	20.0	ELECTRONIC ENG TECHNOLOGY	10	21.6
TEACHING ENGL AS 2ND LANG	0	0.0	ELECTROMECHAN INSTR TECH	1	16.0
TECH/TRADE & IND ED	0	0.0	ENVIRONMENTAL CONTRL TECH	1	22.0
TEACHER EDUCATION, OTHER	16	20.3	INDUSTRRL PRODUCTION TECH	0	0.0
TEACHER EDUCATION, GEN	214	20.6			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
LASER/FIBER-OPTIC TECH	2	27.0	HUMAN, FAMILY/CONS SCI	(228)	(20.2)
MANUFACTURING TECHNOLOGY	1	13.0	CHILD DEV, CARE, GUIDANCE	25	19.0
MECHANICAL ENG TECH	64	22.4	CHILD CARE AIDE/ASSISTING	14	18.6
MINING & PETROLEUM TECH	0	0.0	CULINARY ARTS	35	20.5
OCCUPATL SFTY & HLTH TECH	0	0.0	FAMILY/CONS RESOURCE MGMT	0	0.0
SURVEYING & MAPPING TECH	1	23.0	FASHION DESIGN	20	20.3
ENGINEERING TECH, OTHER	8	23.3	FOOD PRODUCTN, MGMT, SVCS	6	22.2
ENGINEER-RELATD TECH, GEN	224	23.1	FOOD SCI & NUTR/DIETETICS	18	21.3
			HUMAN ENVIRON & HOUSING	6	15.8
FOREIGN LANGUAGES	(77)	(22.8)	INDIVIDUAL & FAMILY DEVEL	5	20.2
ASIATIC LANGUAGES	4	24.0	TEXTILES AND CLOTHING	3	21.3
CLASSICAL LANGUAGES	3	25.7	HUMAN, FAM/CONS SCI, GEN	96	20.4
FRENCH	7	21.3			
GERMAN	3	24.7	LETTERS	(153)	(24.2)
ITALIAN	0	0.0	CLASSICS	3	24.7
MIDDLE EASTERN LANGUAGES	4	26.5	COMPARATIVE LITERATURE	0	0.0
RUSSIAN	2	23.5	CREATIVE WRITING	45	22.9
SPANISH	8	23.6	ENGLISH, GENERAL	66	24.6
FOREIGN LANGUAGES, OTHER	21	20.1	LINGUISTICS	2	23.0
FOREIGN LANGUAGES, GEN	25	23.8	LITERATURE, ENGLISH/AMER	5	24.6
			SPEECH & RHETORICAL STUDY	0	0.0
HEALTH SCI & ALLIED HLTH	(3615)	(21.3)	LETTERS, GENERAL	32	25.4
CHIROPRACTIC	15	20.8			
DENTAL ASSISTING	28	17.4	MATHEMATICS	(86)	(25.7)
DENTAL HYGIENE	169	19.8	ACTUARIAL SCIENCES	2	30.5
DENTAL LAB/TECHNOLOGY	2	21.0	APPLIED MATHEMATICS	14	23.9
DENTISTRY	139	21.2	STATISTICS	7	25.4
EMERG MED TECH/PARAMEDIC	35	18.7	MATHEMATICS, GENERAL	63	26.0
HEALTH CARE ADMIN	18	19.0			
MEDICAL/SURG ASSISTING	103	20.3	PHILOS, RELIG & THEOLOGY	(46)	(23.5)
MEDICAL LAB/TECHNOLOGY	26	19.7	BIBLE STUDIES	2	18.5
MED RECORDS ADMIN/TECH	8	17.9	PHILOSOPHY	7	26.6
MEDICINE	440	23.7	RELIGION	3	19.7
MNTL HLTH & HUM SVCS/TECH	15	20.9	RELIGIOUS EDUCATION	5	24.4
NUCLEAR MEDICINE TECH	2	14.0	RELIGIOUS MUSIC	0	0.0
NURSING (PRACTICAL)	60	19.1	THEOLOGY	3	24.7
NURSING (REGISTERED)	504	20.3	PHILOS, RELIG & THEOL, GEN	26	23.1
OCCUPATNL THERAPY/ASSIST	15	20.7			
OPTOMETRY	26	23.0			
PHARMACY	140	22.2			
PHYSICIAN ASSISTING	23	21.4			
PHYSICAL THERAPY/ASSIST	210	20.7			
RADIOLOGY/RADIOLOGIC TECH	76	20.5			
REC/ART/MUSIC THERAPY	10	21.1			
RESPIRATORY THERAPY/TECH	6	19.5			
SPEECH PATHOL/AUDIOLOGY	6	24.2			
VETERINARIAN ASSISTING	22	17.8			
VETERINARY MEDICINE	85	22.5			
HEALTH SCI & ALLIED, GEN	1432	21.5			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL) (	757)	(23.8)	VISUAL/PERFORM ARTS	(1326)	(21.7)
ASTRONOMY	25	22.3	APPLIED DESIGN/CRAFTS	5	20.2
ATMOSPHER SCI & METEOROL	10	21.2	ART	97	20.6
BIOCHEMISTRY & BIOPHYSICS	41	24.9	ART HIST & APPRECIATION	7	22.7
BIOLOGY	132	23.3	CINEMATOGRAPHY/FILM/VIDEO	96	22.4
BOTANY	10	23.4	DANCE	78	19.9
CHEMISTRY	70	25.6	DESIGN, GENERAL	34	20.9
EARTH SCIENCE	4	21.5	DRAMA/THEATRE ARTS	104	22.3
ECOLOGY/ENV STUDIES	7	25.4	FINE ARTS, GENERAL	28	21.0
GEOLOGY	10	23.4	GRAPHIC ARTS TECHNOLOGY	41	22.4
MICROBIOLOGY	21	25.7	GRAPHIC DESIGN	81	21.3
OCEANOGRAPHY	21	21.9	MUSIC (LIBERAL ARTS)	34	23.2
PHYSICS	39	26.4	MUSIC PERFORMANCE	154	23.2
ZOOLOGY	54	22.5	MUSIC THEORY & COMPOSIT	49	23.9
SCIENCES (BIO & PHYS), GEN	313	23.5	PHOTOGRAPHY	64	20.2
			VISUAL/PERFORM ARTS, GEN	454	21.5
SOCIAL SCIENCES (	1138)	(22.5)	UNDECIDED	(2493)	(21.5)
ANTHROPOLOGY	22	24.0			
ECONOMICS	2	29.0			
GEOGRAPHY	7	21.9			
HISTORY	97	23.8			
INTERNATIONAL RELATIONS	26	26.8			
LAW	199	22.6			
PARALEGAL/LEGAL ASSISTING	11	18.4			
POLITICAL SCI/GOVERNMENT	76	23.9			
PSYCHOLOGY	346	21.5			
SOCIOLOGY	34	21.2			
URBAN STUDIES	0	0.0			
SOCIAL SCIENCES, GENERAL	318	22.7			
TRADE & INDUSTRIAL (	290)	(18.8)			
AIRCRAFT TECHNICIAN	5	18.2			
AIRPLANE PILOTING & NAVIG	54	20.6			
AUTOMOTIVE BODY REPAIR	17	16.4			
AUTOMOTIVE TECHNOLOGY	47	19.0			
AVIATION MANAGEMENT	0	0.0			
COMPUTER ELECTRNCS/REPAIR	3	20.0			
CONSTRCT TRADES & CARPENT	13	20.4			
DIESEL MECHANICS & TECH	10	16.9			
DRAFTING	5	17.8			
ELECTRICAL EQUIP REPAIR	5	17.6			
HEATING, AC, REFRIG MECH	0	0.0			
MACHINE TECHNOLOGY	2	18.5			
MECHANICAL DRAFTING	1	18.0			
WELDING & WELDING TECH	10	17.8			
TRADE & INDUSTRIAL, GEN	118	18.4			

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)	61	18.0	20	18.9	41	17.6	6	17.0	54	18.1
BUSINESS OPER (04-05)	130	18.2	44	18.8	85	18.0	34	18.3	96	18.2
TECHNICAL (06-07)	221	17.9	56	18.8	156	17.5	128	17.4	91	18.5
SCIENCE & TECH (08-09)	220	18.5	68	19.7	141	17.8	92	17.8	127	18.9
ARTS (10-11)	115	18.6	37	19.7	75	18.1	20	17.7	92	18.9
SOCIAL SERVICE (12-01)	89	18.8	27	20.7	58	18.0	13	17.5	74	19.2
OTHER*	303	18.3	74	19.4	210	18.0	82	18.2	216	18.3
TOTAL	1139	18.3	326	19.4	766	17.8	375	17.8	750	18.6
<u>PLAN ON 4-YEARS OR MORE OF COLLEGE</u>										
ADMIN & SALES (02-03)	1195	21.4	641	22.1	523	20.5	429	22.1	756	21.0
BUSINESS OPER (04-05)	1153	21.4	537	22.5	588	20.5	596	20.9	550	21.9
TECHNICAL (06-07)	2205	21.4	943	22.3	1194	20.8	1483	21.4	707	21.4
SCIENCE & TECH (08-09)	3593	22.6	1728	23.3	1748	21.9	1987	22.8	1584	22.3
ARTS (10-11)	2116	22.4	1035	23.1	1012	21.6	618	22.8	1484	22.2
SOCIAL SERVICE (12-01)	1558	21.6	826	22.3	684	20.8	419	21.9	1124	21.4
OTHER*	4923	21.5	2187	22.4	2361	20.8	2325	21.7	2558	21.4
TOTAL	16743	21.8	7897	22.7	8110	21.1	7857	22.0	8763	21.7

* 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	HS GPA
		ENGLISH	MATH	SOCIAL STUDIES	NATURAL SCIENCE	AVG	SD
MALE	7030	3.44	3.31	3.53	3.45	3.43	0.56
FEMALE	8590	3.66	3.39	3.65	3.54	3.56	0.48
NO RESPONSE	109	3.48	3.17	3.47	3.42	3.37	0.54
AFRICAN-AMERICAN/BLACK	80	3.28	2.85	3.16	3.13	3.12	0.60
CAUCASIAN-AMERICAN/WHITE	13198	3.58	3.37	3.62	3.53	3.52	0.51
OTHER MINORITY	1463	3.42	3.25	3.48	3.34	3.37	0.58
MISSING/PREFER NO RESP	988	3.50	3.32	3.55	3.45	3.45	0.57
TOTAL	15729	3.56	3.35	3.60	3.50	3.50	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 52, THIS MEANS THAT 52% 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 44 PERCENT OF STUDENTS SCORED BELOW 21.

TABLE 4 EXAMPLE

STD SCORE	ACT COMPOSITE	
	FREQ	CP
36	3	99
35	26	99
34	63	99
33	141	99
32	182	99
31	252	98
30	387	97
29	502	95
28	663	92
27	868	89
26	1044	85
25	1221	80
24	1376	74
23	1496	67
22	1614	60
21	1725	52 <-- 52% OF THE STUDENTS SCORE AT OR BELOW 21
20	1672	44 <-- 44% OF THE STUDENTS SCORE BELOW 21
19	1721	36
18	1521	27
17	1299	20
16	1036	14
15	743	9
14	516	5
13	335	3
12	128	1
11	45	1
10	12	1
9	2	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

