

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

**STATE COMPOSITE FOR
NEBRASKA**

CODE 280-000

THE 2005 ACT HIGH SCHOOL PROFILE REPORT REFLECTS THE CHARACTERISTICS OF STUDENTS WHO TOOK THE ACT ASSESSMENT DURING THEIR SOPHOMORE, JUNIOR OR SENIOR YEAR, AND WHO GRADUATED FROM HIGH SCHOOL IN THE SPRING OF 2005. THE MOST RECENT TEST RECORD IS USED FOR STUDENTS TESTING MORE THAN ONCE. BEGINNING IN 2002, A REFINED METHODOLOGY FOR IDENTIFYING A STUDENT'S MOST RECENT TEST RECORD WAS USED (SEE APPENDIX FOR A DESCRIPTION).

CHANGES IN AVERAGE ACT ASSESSMENT SCORES REFLECT REAL DIFFERENCES IN STUDENT PREPARATION AND PERFORMANCE AS WELL AS INCREASES IN THE PERCENTAGE OF TESTED GRADUATES IN EACH STATE, INCLUDING STATES REQUIRING STUDENTS TO TAKE THE ACT ASSESSMENT.

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THE TABLE BELOW COMPARES AVERAGE ACT SCORES FOR STUDENTS WHO REPORTED THEY COMPLETED OR PLANNED TO COMPLETE THE RECOMMENDED CORE COLLEGE PREPARATORY CURRICULUM WITH THOSE WHO HAD NOT. PLEASE NOTE THAT STATE DEPARTMENTS OF EDUCATION MAY HAVE A DIFFERENT DEFINITION OF THE COLLEGE PREPARATORY COURSES AND MAY, THEREFORE, PUBLISH REPORTS SHOWING SLIGHTLY DIFFERENT DATA. SEE APPENDIX FOR DEFINITION OF CORE.

EXECUTIVE SUMMARY - AVERAGE ACT SCORES BY LEVEL OF ACADEMIC PREPARATION

	NUMBER CORE/LESS	PERCENT CORE/LESS	ENGLISH CORE/LESS	MATH CORE/LESS	READING CORE/LESS	SCIENCE CORE/LESS	COMPOSITE CORE/LESS
2000-01	11122	5101 67/ 31	22.1/19.0	22.3/19.3	22.6/19.8	22.6/20.2	22.5/19.7
2001-02	10863	5064 66/ 31	22.1/19.0	22.5/19.6	22.9/20.1	22.5/20.2	22.6/19.9
2002-03	11087	4860 67/ 29	22.2/19.1	22.4/19.5	22.9/20.1	22.5/20.1	22.6/19.8
2003-04	11022	4766 67/ 29	22.2/19.0	22.4/19.5	22.8/20.2	22.4/20.1	22.6/19.8
2004-05	10913	4397 67/ 27	22.4/19.3	22.5/19.7	22.8/20.1	22.4/20.1	22.6/19.9

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
2000-01	16677	21.1	21.4	21.7	21.8	21.6
2001-02	16509	21.1	21.5	22.0	21.7	21.7
2002-03	16646	21.2	21.4	22.0	21.7	21.7
2003-04	16523	21.2	21.5	22.0	21.6	21.7
2004-05	16220	21.4	21.6	21.9	21.7	21.8

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
Q3 (75TH PERCENTILE)	25.1	25.2	26.0	24.3	24.9
Q2 (50TH PERCENTILE - MEDIAN)	21.2	21.1	21.6	21.4	21.5
Q1 (25TH PERCENTILE)	17.6	17.4	17.5	18.9	18.4

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= 354)	(N= 56)	(N= 9426)	(N= 220)	(N= 216)	(N= 82)
ENGLISH	17.9	18.9	22.7	19.1	21.4	18.9
USAGE/MECH	8.6	9.5	11.4	9.4	10.7	9.5
RHET SKILLS	9.3	9.7	11.8	9.9	11.0	9.6
MATHEMATICS	17.7	20.1	22.8	20.0	22.1	20.0
PRE/ELEM-ALG	8.8	10.1	12.1	10.4	11.5	10.4
ALG/CRD-GEOM	9.0	10.2	11.4	10.0	11.2	9.7
PLANE GEOM/TRIG	8.7	10.3	11.5	10.1	11.2	10.3
READING	18.1	20.5	23.1	20.1	21.5	19.9
SOC STU/SCI	9.1	10.3	11.9	10.2	11.2	10.1
ARTS/LITERATURE	9.0	10.6	11.7	10.1	10.6	9.9
SCIENCE	18.4	20.3	22.7	20.2	21.4	19.6
COMPOSITE	18.1	20.1	22.9	19.9	21.7	19.7
LESS THAN CORE	(N= 104)	(N= 39)	(N= 3688)	(N= 169)	(N= 69)	(N= 43)
ENGLISH	15.5	16.3	19.6	16.1	19.9	17.2
USAGE/MECH	7.2	7.7	9.6	7.5	9.8	8.2
RHET SKILLS	8.2	8.4	10.2	8.5	10.4	9.0
MATHEMATICS	15.9	17.3	19.9	17.4	21.0	17.9
PRE/ELEM-ALG	7.4	8.6	10.4	8.7	10.8	9.0
ALG/CRD-GEOM	7.7	9.2	9.9	8.8	10.7	8.6
PLANE GEOM/TRIG	7.6	8.1	10.1	8.4	10.7	8.7
READING	16.6	17.7	20.5	17.2	20.7	18.7
SOC STU/SCI	8.5	8.9	10.5	8.8	10.6	10.0
ARTS/LITERATURE	7.9	8.5	10.2	8.3	10.4	8.8
SCIENCE	16.5	18.3	20.4	17.8	20.2	18.2
COMPOSITE	16.2	17.6	20.2	17.3	20.6	18.1
NO RESPONSE	(N= 34)	(N= 2)	(N= 683)	(N= 43)	(N= 15)	(N= 17)

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= 492)	(N= 97)	(N= 13797)	(N= 432)	(N= 300)	(N= 142)
ENGLISH	17.2	17.9	21.8	17.7	21.1	18.0
USAGE/MECH	8.3	8.8	10.9	8.5	10.5	8.9
RHET SKILLS	9.0	9.2	11.4	9.2	10.9	9.3
MATHEMATICS	17.3	18.9	21.9	18.8	21.9	19.0
PRE/ELEM-ALG	8.4	9.5	11.6	9.6	11.4	9.8
ALG/CRD-GEOM	8.7	9.8	11.0	9.4	11.1	9.3
PLANE GEOM/TRIG	8.4	9.4	11.1	9.3	11.2	9.5
READING	17.6	19.3	22.3	18.7	21.4	19.2
SOC STU/SCI	8.9	9.7	11.5	9.5	11.1	9.9
ARTS/LITERATURE	8.7	9.7	11.2	9.2	10.6	9.3
SCIENCE	17.9	19.5	22.0	19.0	21.2	19.0
COMPOSITE	17.6	19.1	22.1	18.7	21.5	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 RICAN, HISPANIC NUMBER AVG
HIGH SCHOOL AVERAGE						
3.50 - 4.00	84 20.5	13 24.5	5800 24.8	103 22.2	142 23.7	33 22.9
3.00 - 3.49	98 18.5	25 18.6	3127 21.0	98 18.3	65 20.2	35 18.4
2.50 - 2.99	98 17.2	14 18.1	1725 19.3	80 17.6	27 17.5	20 18.4
2.00 - 2.49	83 15.9	22 18.2	873 18.0	46 17.3	23 17.4	11 15.8
1.99 & BELOW	39 15.1	2 20.5	280 17.4	15 14.7	1 15.0	5 16.8
CGPA PRED BY STUDENT						
3.5 - 4.0	66 21.0	13 24.0	4313 25.3	72 22.8	114 24.1	26 23.4
3.0 - 3.4	179 18.2	36 18.8	5223 21.7	147 18.9	104 20.7	56 19.1
2.5 - 2.9	119 16.5	25 18.8	2253 19.4	91 17.3	39 18.6	20 18.1
2.0 - 2.4	59 15.7	15 17.0	888 17.8	49 16.5	19 17.7	11 15.1
1.9 & BELOW	16 15.1	3 15.7	185 16.7	12 16.0	7 16.3	6 15.2
HIGH SCHOOL RANK						
TOP QUARTER	84 20.6	27 21.2	6073 24.6	115 22.1	148 23.6	31 22.9
2ND QUARTER	179 17.9	37 18.6	4337 20.6	149 17.8	75 19.7	61 18.5
BOTTOM HALF	153 16.2	26 18.0	2109 18.4	99 16.9	49 17.9	26 16.9

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	4042	25	2162	13	339	2	47	0
	FEMALE	4576	28	2618	16	544	3	43	0
	TOTAL	8654	53	4797	30	884	5	90	1
NO. & VARIETY OF COURSE OFFERINGS	MALE	3532	22	1859	11	1129	7	71	0
	FEMALE	3961	24	2011	12	1726	11	74	0
	TOTAL	7525	46	3884	24	2862	18	145	1
GRADING PRACTICES & POLICIES	MALE	3423	21	2350	14	742	5	73	0
	FEMALE	4198	26	2657	16	852	5	66	0
	TOTAL	7655	47	5020	31	1601	10	139	1
NO. & KINDS OF TESTS GIVEN	MALE	3186	20	2788	17	548	3	69	0
	FEMALE	3715	23	3226	20	772	5	55	0
	TOTAL	6925	43	6035	37	1328	8	125	1
GUIDANCE SERV PROVIDED BY GUIDANCE OFFICE	MALE	3613	22	1891	12	807	5	272	2
	FEMALE	4351	27	1938	12	1251	8	233	1
	TOTAL	7997	49	3839	24	2067	13	507	3
SCHOOL RULES, REGULATIONS, & POLICIES	MALE	2539	16	2304	14	1629	10	108	1
	FEMALE	3038	19	2654	16	1988	12	88	1
	TOTAL	5601	35	4975	31	3628	22	198	1
LIBRARY OR LEARNING CENTER	MALE	3616	22	2170	13	670	4	125	1
	FEMALE	4421	27	2328	14	885	5	134	1
	TOTAL	8065	50	4515	28	1564	10	259	2
LABORATORY FACILITIES	MALE	3373	21	2298	14	719	4	195	1
	FEMALE	3772	23	2679	17	989	6	322	2
	TOTAL	7173	44	4995	31	1713	11	520	3
PROVISIONS FOR SPECIAL HELP IN READING, MATH, ETC	MALE	2591	16	2070	13	422	3	1494	9
	FEMALE	3117	19	2185	13	643	4	1814	11
	TOTAL	5736	35	4269	26	1068	7	3316	20
PROVISIONS FOR ACADEMICALLY OUTSTANDING STU	MALE	3412	21	1943	12	662	4	563	3
	FEMALE	4194	26	2037	13	975	6	563	3
	TOTAL	7642	47	3994	25	1640	10	1127	7
ADEQUACY OF PROG IN CAREER EDUC & PLANNING	MALE	2896	18	2523	16	809	5	347	2
	FEMALE	3342	21	2700	17	1290	8	423	3
	TOTAL	6266	39	5242	32	2102	13	773	5

NUMBER OF STUDENTS - 16220

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 16220)

STD SCORE	ACT ENGLISH		ACT MATHEMATICS		ACT READING		ACT SCIENCE		ACT COMPOSITE	
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP
36	25	99	26	99	98	99	46	99	3	99
35	118	99	80	99	178	99	81	99	29	99
34	250	99	128	99	236	98	102	99	57	99
33	199	98	105	99	266	97	60	99	115	99
32	197	96	150	98	258	95	135	98	177	99
31	308	95	259	97	373	94	178	97	263	98
30	300	93	207	95	450	91	66	96	350	96
29	599	91	449	94	523	89	314	96	445	94
28	497	88	559	91	495	85	413	94	566	91
27	534	85	873	88	694	82	490	91	669	88
26	682	81	973	83	902	78	1082	88	831	84
25	928	77	841	77	659	72	874	82	947	78
24	975	71	1273	71	1035	68	1389	76	1138	73
23	863	65	1028	63	1151	62	1435	68	1238	66
22	1222	60	817	57	889	55	1314	59	1268	58
21	1227	53	950	52	854	49	1827	51	1363	50
20	1230	45	1051	46	1466	44	1650	40	1398	42
19	1131	37	1046	40	850	35	1209	29	1252	33
18	951	30	1260	33	797	30	1191	22	1098	25
17	797	25	1432	26	902	25	679	15	962	19
16	677	20	1341	17	810	19	556	10	731	13
15	839	15	762	8	610	14	405	7	572	8
14	552	10	370	4	720	11	250	4	400	5
13	319	7	167	1	429	6	177	3	213	2
12	229	5	54	1	353	4	129	2	83	1
11	196	4	13	1	143	1	89	1	41	1
10	167	2	5	1	43	1	48	1	9	1
9	87	1	1	1	24	1	25	1	2	1
8	81	1	0	1	8	1	5	1	0	1
7	30	1	0	1	1	1	0	1	0	1
6	7	1	0	1	2	1	0	1	0	1
5	3	1	0	1	0	1	0	1	0	1
4	0	1	0	1	1	1	1	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	592	4	339	2	778	5	289	2	204	1
28-32	1901	12	1624	10	2099	13	1106	7	1801	11
24-27	3119	19	3960	24	3290	20	3835	24	3585	22
20-23	4542	28	3846	24	4360	27	6226	38	5267	32
16-19	3556	22	5079	31	3359	21	3635	22	4043	25
13-15	1710	11	1299	8	1759	11	832	5	1185	7
01-12	800	5	73	0	575	4	297	2	135	1

AVG(SD) 21.4(5.6) 21.6(4.9) 21.9(5.8) 21.7(4.4) 21.8(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 = 16220)

STD SCORE	USAGE/MECH		RHET SKILLS		SOC STU/SCI		ARTS/LIT		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	
18	451	99	156	99	246	99	542	99	18
17	583	97	313	99	999	98	787	97	17
16	703	94	979	97	896	92	949	92	16
15	1040	89	1010	91	1101	87	1041	86	15
14	930	83	1353	85	1188	80	781	80	14
13	1094	77	1517	77	1302	73	1273	75	13
12	1522	70	1940	67	1945	65	2316	67	12
11	1814	61	1989	55	1554	53	1399	53	11
10	1679	50	2047	43	1808	43	1392	44	10
9	1705	39	1879	30	1743	32	1310	35	9
8	1574	29	1281	19	1541	21	1288	27	8
7	1215	19	749	11	911	12	1105	19	7
6	850	12	528	6	480	6	933	13	6
5	508	7	284	3	276	3	745	7	5
4	374	3	141	1	133	1	255	2	4
3	127	1	39	1	63	1	74	1	3
2	49	1	14	1	27	1	29	1	2
1	2	1	1	1	7	1	1	1	1
AVERAGE		10.7		11.2		11.3		11.0	
S.D.		3.5		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	395	99	128	99	102	99	18
17	608	98	208	99	217	99	17
16	1192	94	448	98	552	98	16
15	1020	86	603	95	743	95	15
14	1379	80	1624	91	1403	90	14
13	1797	72	1076	81	1943	81	13
12	1258	61	2511	75	2102	69	12
11	1738	53	1857	59	1587	56	11
10	1640	42	2339	48	3035	47	10
9	1142	32	2722	33	1478	28	9
8	2058	25	1121	17	1185	19	8
7	1306	12	603	10	864	12	7
6	462	4	455	6	519	6	6
5	143	1	263	3	55	3	5
4	49	1	128	2	276	3	4
3	25	1	101	1	22	1	3
2	8	1	16	1	106	1	2
1	0	1	17	1	31	1	1
AVERAGE		11.4		10.8		10.9	
S.D.		3.3		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	7520	21.0	5.6	22.4	5.1	21.7	5.8	22.3	4.5	22.0	4.7
FEMALES	8616	21.8	5.6	20.9	4.6	22.1	5.8	21.2	4.2	21.7	4.5
NO RESPONSE	84	19.6	5.0	19.6	4.4	20.5	5.6	20.5	4.4	20.2	4.2

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

SCORE RANGE	M		F		M		F		M		F	
33-36	3	4	3	1	5	5	3	1	2	1		
28-32	11	13	13	7	12	14	9	5	12	11		
24-27	18	21	26	23	19	21	26	22	22	22		
20-23	28	28	23	24	27	27	38	39	32	33		
16-19	23	21	27	35	21	20	19	25	24	26		
13-15	11	10	6	9	11	11	4	6	7	7		
01-12	6	4	0	1	4	3	2	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	3471	24	23.7	94	16	120	15	2450	29	807	17
GOOD	6351	43	22.0	260	45	353	43	3698	43	2040	44
AVERAGE	2811	19	20.2	110	19	199	24	1345	16	1157	25
BELOW AVERAGE	580	4	20.0	36	6	52	6	246	3	246	5
VERY INADEQUATE	988	7	20.8	48	8	71	9	556	7	313	7
NO RESPONSE	423	3	22.0	25	4	19	2	258	3	121	3
NO. OF STUDENTS	14624			573		814		8553		4684	

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	16220	21.4	5.6	21.6	4.9	21.9	5.8	21.7	4.4	21.8	4.6
COLLEGE CORE											
E4, M3, SS3, NS3	10913	22.4	5.4	22.5	4.8	22.8	5.7	22.4	4.3	22.6	4.5
In between	2833	19.5	5.4	19.7	4.4	20.3	5.4	20.2	4.0	20.1	4.2
E4, M2, SS2, NS2	1564	18.8	5.6	19.6	4.7	19.9	5.7	19.9	4.5	19.7	4.6
No Response	910	20.2	5.7	20.4	4.8	20.8	5.9	20.9	4.5	20.7	4.7
HS GPA RANGES											
3.50 - 4.00	6477	24.8	5.0	24.5	4.5	24.9	5.3	24.0	4.0	24.7	4.0
3.00 - 3.49	3646	20.4	4.6	20.5	4.0	20.9	5.0	20.9	3.7	20.8	3.7
2.50 - 2.99	2083	18.4	4.4	18.8	3.6	19.2	4.7	19.6	3.5	19.1	3.4
2.00 - 2.49	1146	16.8	4.3	17.6	3.2	17.9	4.5	18.4	3.6	17.8	3.2
1.99 & below	372	15.8	4.5	16.9	3.1	16.6	4.5	17.8	3.7	16.9	3.3

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	8862	55	3.43	21.9	22.2
ENG 9, ENG 10, ENG 11, ENG 12	5326	33	3.28	21.3	21.6
LESS THAN 4 YEARS OF ENGLISH	1096	7	3.16	19.5	20.4
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	936	6	- . -	20.2	20.7
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	1085	7	3.61	25.2	24.8
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	1592	10	3.30	22.3	22.7
ALG 1, ALG 2, GEOM, TRIG	1431	9	3.14	21.1	21.5
ALG 1, ALG 2, GEOM, OTHER ADV MATH	2892	18	3.03	20.5	21.0
ALG 1, ALG 2, GEOM	2169	13	2.65	18.2	18.8
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	4358	27	3.52	24.5	24.3
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	567	3	3.05	20.7	21.0
LESS THAN 3 YEARS OF MATH	1143	7	2.35	17.4	17.9
NO MATH COURSE/GRADE INFORMATION REPORTED	983	6	- . -	20.4	20.7
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	280	2	3.53	23.6	23.2
US HIST, WORLD HIST, AM GOVT	975	6	3.32	21.4	21.4
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	7117	44	3.49	22.4	22.2
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	5098	31	3.42	22.0	21.9
LESS THAN 3 YEARS OF SOC SCI	1749	11	3.24	20.6	20.6
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	1001	6	- . -	20.8	20.7
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	5988	37	3.49	23.1	23.3
BIOLOGY, CHEMISTRY, PHYSICS	1678	10	3.25	22.8	23.3
GEN SCIENCE, BIOLOGY, CHEMISTRY	4665	29	3.20	21.0	21.0
OTHER COMBINATIONS OF 3 YEARS NAT SCI	501	3	3.19	21.0	21.0
LESS THAN 3 YEARS OF NAT SCI	2360	15	2.84	19.4	19.2
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	1028	6	- . -	20.9	20.7

STATE COMPOSITE FOR
NEBRASKATABLE 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	3955	53	3.28	21.4	22.4
ENG 9, ENG 10, ENG 11, ENG 12	2474	33	3.16	20.9	21.8
LESS THAN 4 YEARS OF ENGLISH	575	8	3.06	19.3	20.6
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	516	7	- . -	20.0	20.9
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	498	7	3.58	26.1	24.9
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	646	9	3.25	23.3	23.0
ALG 1, ALG 2, GEOM, TRIG	638	8	3.05	21.8	21.5
ALG 1, ALG 2, GEOM, OTHER ADV MATH	1151	15	2.94	21.1	20.9
ALG 1, ALG 2, GEOM	981	13	2.59	18.7	18.8
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	2237	30	3.48	25.3	24.5
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	288	4	2.97	21.0	20.9
LESS THAN 3 YEARS OF MATH	537	7	2.29	17.7	17.9
NO MATH COURSE/GRADE INFORMATION REPORTED	544	7	- . -	21.0	20.8
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	122	2	3.42	22.0	22.2
US HIST, WORLD HIST, AM GOVT	495	7	3.30	21.0	21.4
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	3176	42	3.45	22.3	22.4
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	2295	31	3.36	21.9	22.2
LESS THAN 3 YEARS OF SOC SCI	879	12	3.17	20.4	20.7
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	553	7	- . -	20.5	20.9
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	2999	40	3.46	23.8	23.6
BIOLOGY, CHEMISTRY, PHYSICS	787	10	3.20	23.4	23.6
GEN SCIENCE, BIOLOGY, CHEMISTRY	1801	24	3.06	21.4	20.8
OTHER COMBINATIONS OF 3 YEARS NAT SCI	292	4	3.19	21.6	21.2
LESS THAN 3 YEARS OF NAT SCI	1075	14	2.73	19.6	19.0
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	566	8	- . -	21.4	20.9

STATE COMPOSITE FOR
NEBRASKATABLE 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	4867	56	3.55	22.3	22.1
ENG 9, ENG 10, ENG 11, ENG 12	2827	33	3.39	21.6	21.4
LESS THAN 4 YEARS OF ENGLISH	516	6	3.27	19.9	20.1
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	406	5	- . -	20.4	20.5
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	584	7	3.64	24.4	24.7
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	935	11	3.34	21.6	22.6
ALG 1, ALG 2, GEOM, TRIG	790	9	3.22	20.5	21.4
ALG 1, ALG 2, GEOM, OTHER ADV MATH	1726	20	3.09	20.1	21.0
ALG 1, ALG 2, GEOM	1173	14	2.69	17.8	18.8
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	2108	24	3.57	23.7	24.0
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	276	3	3.13	20.5	21.1
LESS THAN 3 YEARS OF MATH	600	7	2.41	17.1	17.9
NO MATH COURSE/GRADE INFORMATION REPORTED	424	5	- . -	19.7	20.5
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	157	2	3.62	24.8	24.0
US HIST, WORLD HIST, AM GOVT	474	6	3.34	21.9	21.5
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	3906	45	3.53	22.5	21.9
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	2784	32	3.46	22.1	21.7
LESS THAN 3 YEARS OF SOC SCI	862	10	3.31	20.8	20.4
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	433	5	- . -	21.2	20.6
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	2971	34	3.52	22.4	23.0
BIOLOGY, CHEMISTRY, PHYSICS	880	10	3.30	22.3	23.1
GEN SCIENCE, BIOLOGY, CHEMISTRY	2842	33	3.28	20.8	21.1
OTHER COMBINATIONS OF 3 YEARS NAT SCI	206	2	3.20	20.1	20.6
LESS THAN 3 YEARS OF NAT SCI	1271	15	2.94	19.3	19.4
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	446	5	- . -	20.3	20.6

TABLE 10 DISTRIBUTION OF PLANNED EDUCATIONAL MAJOR AND FIRST VOCATIONAL CHOICE

	---PLANNED EDUC MAJOR---				MALE		FEMALE		TOTAL	
	NUMBER OF STUDENTS	AVG ACT COMP	CERTAINTY VERY FAIRLY (PERCENT)		EDUC 1ST MAJOR VOC (PERCENT)		EDUC 1ST MAJOR VOC (PERCENT)		EDUC 1ST MAJOR VOC (PERCENT)	
AGRICULTURE SCIENCE/TECH	428	20.1	31	52	5	5	1	1	3	3
ARCH & ENVIR DESIGN	484	22.0	37	48	5	5	3	3	3	4
BUSINESS & MGMT	1294	21.7	30	51	11	11	8	8	9	9
BUSINESS & OFFICE	106	20.8	24	52	1	1	1	1	1	1
MARKETING & DISTRIBUTION	116	21.1	26	60	1	1	1	1	1	1
COMMUNICATION & COMM TEC	373	22.5	31	50	2	2	3	3	3	3
COMMUNITY & PRSNL SVCS	524	19.2	40	48	4	4	4	4	4	4
COMPUTER & INFO SCI	419	23.3	37	50	6	6	1	1	3	3
CROSS-DISC STUDIES	12	25.8	25	33	0	0	0	0	0	0
EDUCATION	798	21.4	42	45	3	3	8	9	6	6
TEACHER EDUCATION	407	20.8	34	52	2	3	3	4	3	4
ENGINEERING	620	24.1	28	54	9	8	1	1	4	4
ENGINEERING-RELATED TECH	345	22.9	31	54	5	5	0	0	2	3
FOREIGN LANGUAGES	89	23.4	29	52	0	0	1	0	1	0
HEALTH SCI & ALLIED HLTH	2848	21.8	43	45	11	12	29	31	21	22
HUMAN, FAMILY/CONS SCI	194	19.4	33	51	1	1	2	2	1	1
LETTERS	88	24.2	32	49	0	0	1	1	1	1
MATHEMATICS	65	25.7	22	55	1	1	0	0	0	0
PHILOS, RELIG & THEOL	99	23.1	46	42	1	1	1	1	1	1
SCI (BIOL & PHYSICAL)	672	24.1	34	53	5	4	5	4	5	4
SOCIAL SCIENCES	913	22.7	35	50	4	4	9	9	7	6
TRADE & INDUSTRIAL	288	19.0	43	47	4	5	0	0	2	2
VISUAL & PERFORM ARTS	807	21.7	42	43	5	6	6	7	6	6
UNDECIDED	1876	21.8	5	12	15	14	12	10	14	12
NO RESPONSE	2355									

NUMBER OF STUDENTS - 16220

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	1387	19.5 9	AFRICAN-AMER/BLACK	492	17.6 3
COLL PREP	8553	23.1 53	AM INDIAN,ALASKAN NTV	97	19.1 1
OTHER/GENERAL/NO RESP	6280	20.6 39	CAUCASIAN-AMER/WHITE	13797	22.1 85
			MEXICAN-AMER/CHICANO	432	18.7 3
REQUEST ASSISTANCE WITH			ASIAN-AMER,PACIFIC ISL	300	21.5 2
ED/OCCUP PLANS	6432	22.0 40	PUERTO RICAN,HISPANIC	142	18.9 1
EXPR IDEAS IN WRITING	2818	20.4 17	OTHER	191	19.3 1
READING/COMPREHENSION	3895	20.1 24	MULTIRACIAL	218	21.2 1
STUDY SKILLS	5559	20.4 34	PREFER NOT TO RESPOND	319	22.9 2
MATH SKILLS	5135	19.9 32	NO RESPONSE	232	21.1 1
PERSONAL CONCERNS	1226	20.3 8			
			ESTIMATED FAMILY INCOME		
EXPRESSED FIN NEED			LESS THAN \$18,000	981	19.5 6
NEED FINANCIAL AID	13125	21.8 81	ABOUT \$18,000-\$24,000	983	20.1 6
NEED TO FIND WORK	10980	21.6 68	ABOUT \$24,000-\$30,000	1016	20.9 6
			ABOUT \$30,000-\$36,000	1018	21.1 6
SPECIAL COLLEGE PROG			ABOUT \$36,000-\$42,000	1239	21.2 8
INDEP STUDY	5578	22.7 34	ABOUT \$42,000-\$50,000	1490	21.7 9
HONORS COURSES	4462	24.8 28	ABOUT \$50,000-\$60,000	1647	22.0 10
			ABOUT \$60,000-\$80,000	2340	22.6 14
ADV PLACEMENT IN COLL			ABOUT \$80,000-\$100,000	1403	22.9 9
ENGLISH	3557	24.0 22	MORE THAN \$100,000	1520	23.9 9
MATH	3757	24.2 23	NO RESPONSE	2583	21.6 16
SOCIAL STUDIES	3371	23.8 21			
NATURAL SCIENCE	3185	23.9 20	HS CLASS RANK		
FOREIGN LANG	2659	23.2 16	TOP QTR	6816	24.5 42
			2ND QTR	5102	20.4 31
MAX YEARLY COLL TUITION			3RD QTR	2279	18.3 14
\$1000 & UNDER	340	17.9 2	4TH QTR	361	17.3 2
\$1001 - \$2000	492	19.2 3	NO RESPONSE	1662	20.9 10
\$2001 - \$4000	1525	20.0 9			
\$4001 - \$7500	2472	21.5 15	EDUC DEG ASPIRATION		
\$7501 & OVER	962	21.9 6	VOC-TECH	249	18.2 2
NO PREFERENCE	8557	22.6 53	2YR COL DEGREE	937	17.9 6
NO RESPONSE	1872	21.4 12	BACHELORS DEGREE	6673	21.2 41
			GRAD STUDY	2515	23.7 16
MOST RECENTLY TESTED			PROF LEVEL DEGREE	4034	23.4 25
SOPHOMORE	69	20.6 0	OTHER	483	19.2 3
JUNIOR	3552	21.5 22	NO RESPONSE	1329	20.8 8
SENIOR	11372	21.8 70			
OTHER/NO RESPONSE	1227	23.2 8	NUMBER OF STUDENTS		
			HOME SCHOOLED	103	22.9 1
COLLEGE CORE PREPARATION			EARNED A GED	13	22.0 0
CORE OR MORE	10913	22.6 67	ALL STUDENTS	16220	21.8 100
LESS THAN CORE	4397	19.9 27			
NO RESPONSE	910	20.7 6			

STATE COMPOSITE FOR
NEBRASKA

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	
2482 UNIV OF NEBR-LINCOLN	NE	7860	3315	4545	0	4	20	35	26	13	1	
2464 UNIV OF NEBR-OMAHA	NE	5240	1700	3540	1	6	24	36	23	10	1	
2468 U NEBRASKA-KEARNEY	NE	3421	979	2442	0	7	27	38	21	8	0	
2444 CREIGHTON UNIVERSITY	NE	2001	548	1453	0	4	14	30	31	19	1	
2472 WAYNE STATE COLLEGE	NE	1681	406	1275	1	9	30	33	21	6	0	
2474 NEBRASKA WESLEYAN U	NE	1654	363	1291	0	3	16	35	30	14	1	
4787 SOUTHEAST CC-LINCOLN	NE	1596	516	1080	1	12	37	34	13	2	0	
2448 DOANE COLLEGE	NE	1219	277	942	0	5	23	35	25	11	1	
2456 HASTINGS COLLEGE	NE	1047	214	833	0	5	25	35	23	11	0	
2447 METROPOLITAN CC-NE	NE	873	228	645	2	18	37	32	9	2	0	
2466 CHADRON STATE COLL	NE	807	280	527	1	8	32	34	19	6	0	
1428 KANSAS STATE UNIV	KS	670	120	550	0	3	13	31	31	20	1	
1320 IOWA STATE UNIV	IA	661	110	551	0	2	13	25	30	26	4	
2476 NORTHEAST COMM COLL	NE	647	259	388	2	13	39	33	9	3	0	
1470 UNIVERSITY OF KANSAS	KS	627	117	510	0	3	14	31	32	18	3	
2462 MIDLAND LUTHERAN C	NE	574	121	453	1	6	26	37	22	7	1	
4789 SOUTHEAST CC-MILFORD	NE	532	180	352	1	14	41	32	11	2	0	
2338 NORTHWEST MO STATE U	MO	525	136	389	0	4	22	39	27	7	1	
2470 PERU STATE COLLEGE	NE	502	107	395	2	12	36	31	14	5	0	
2446 DANA COLLEGE	NE	480	104	376	0	9	32	36	18	5	0	
2442 CONCORDIA UNIV-NE	NE	430	103	327	0	4	24	40	21	11	0	
2437 BELLEVUE UNIVERSITY	NE	429	90	339	2	17	36	30	12	3	0	
6214 CENTRAL CC-HASTINGS	NE	427	142	285	0	17	43	30	9	2	0	
3928 UNIV OF SOUTH DAKOTA	SD	350	82	268	1	3	27	34	26	9	1	
5006 UNIV OF WYOMING	WY	317	88	229	1	5	24	32	26	12	0	
0504 COLORADO STATE UNIV	CO	299	49	250	0	4	13	34	35	14	0	
2441 SOUTHEAST CC-BEATRIC	NE	294	91	203	1	14	44	29	13	1	0	
6369 CENTRAL CC-GRAND ISL	NE	281	80	201	2	18	41	30	8	1	0	
2478 WESTERN NE CC-SCOTT'S	NE	270	98	172	3	13	40	31	9	5	0	
2438 BRYANLGH C HLTH SCI	NE	259	70	189	0	8	31	42	15	4	0	
2491 MID-PLAINS COMM COLL	NE	245	77	168	2	16	42	27	10	3	0	
2436 CLARKSON COLLEGE	NE	235	63	172	2	13	34	34	15	2	0	
1356 UNIVERSITY OF IOWA	IA	232	37	195	1	3	11	26	35	23	0	
2475 CENTRAL CC-COLUMBUS	NE	229	83	146	2	18	41	29	9	1	0	
1327 IOWA WESTERN-C BLUFF	IA	208	55	153	4	16	38	35	6	0	0	
ALL OTHER INSTITUTIONS		14080	3046	11034	1	7	20	28	25	16	3	
TOTALS		51202	14334	36868	1	7	24	33	23	12	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	(428)	(20.1)	BUSINESS & OFFICE	(106)	(20.8)
AGRICULTURAL BUSINESS	40	19.8	BOOKKEEPING/ACCT TECH	13	22.6
AGRICULTURAL ECONOMICS	1	27.0	BUSINESS DP/COMPUTER OPER	2	16.5
AGRICULTURAL MECHANICS	10	17.9	COURT REPORTING	1	19.0
AGRI PRODUCTION/TECH	8	21.6	OFFICE SUPERVISION & MGMT	8	19.1
AGRONOMY	15	22.8	SECRETARIAL	6	19.3
ANIMAL SCIENCES	55	21.4	TYPING & GENERAL OFFICE	2	14.0
FARM & RANCH MANAGEMENT	25	18.6	WORD PROCESSING	1	24.0
FISH, GAME, WILDLIFE MGMT	53	20.2	BUSINESS & OFFICE, GEN	73	21.1
FOOD SCIENCES/ENGINEERING	4	24.0			
FORESTRY & RELATED SCI	4	18.8	MARKETING & DISTRIBUTION	(116)	(21.1)
HORTICULTURE/ORNMENTAL HORT	7	22.4	FASHION MERCHANDISING	24	19.3
NATURAL RESOURCES MGMT	3	25.0	RETAILING & SALES	12	20.6
AGRICULTURE & AG TECH, GEN	203	19.6	TRAVEL SERVICES & TOURISM	4	18.0
			MARKETING & DISTRIB, GEN	76	22.0
ARCH & ENVIR DESIGN	(484)	(22.0)			
ARCHITECTURAL DRAFTING	76	21.4	COMMUNICATIONS & COMM TECH	(373)	(22.5)
ARCHITECTURE	90	24.6	ADVERTISING	21	23.3
BLDG CON/CONSTRUCTION SCI	24	18.4	GRAPHIC/COMMERCIAL ART	17	21.5
CITY, COMM & REG PLANNING	0	0.0	GRAPHIC & PRINT COMMUNIC	1	21.0
ENVIRONMENTAL DESIGN	0	0.0	JOURNALISM	83	24.2
INTERIOR DESIGN	84	21.2	PHOTO/FILM/VIDEO TECH	26	19.7
LANDSCAPE ARCHITECTURE	14	21.3	PUBLIC RELATIONS	13	23.8
ARCHI & ENVIR DESIGN, GEN	196	22.0	RADIO/TV BROADCASTING	47	21.0
			RADIO/TV PRODUCTN & TECH	8	19.3
BUSINESS & MGMT	(1294)	(21.7)	COMMUNIC & COMM TECH, GEN	157	22.5
ACCOUNTING	167	22.3			
BANKING & FINANCE	51	21.8	COMMNTY & PRSNL SVCS	(524)	(19.2)
BUSINESS ADMIN & MGMT	134	21.6	CORRECTIONS	2	16.5
BUSINESS ECONOMICS	16	22.3	COSMETOLOGY/HAIRSTYLING	39	18.1
CONTRACT MGMT & PURCHSING	0	0.0	CRIMINAL JUSTICE/CRIMINOL	190	19.4
HOTEL/RESTAURANT MGMT	20	19.2	FIRE PROTECTN/SAFETY TECH	9	17.3
HUMAN RESOURCE DEVEL/TRNG	1	21.0	FUNERAL SVCS/MORTUARY SCI	5	19.4
INSTITUTIONAL MANAGEMENT	1	17.0	LAW ENFORCEMENT & ADMIN	55	18.6
INSURANCE & RISK MGMT	4	18.8	LIBRARY SCI/LIB ASSISTING	0	0.0
INTERNATL BUSINESS/MGMT	24	25.8	MILITARY SCIENCE/TECH	9	22.1
LABOR/INDUSTRL RELATIONS	2	18.5	PARKS & RECREATION	7	18.6
MANAGEMENT INFO SYSTEMS	4	26.5	PUBLIC ADMINISTRATION	1	23.0
MANAGEMENT SCIENCE	0	0.0	PUBLIC AFFAIRS	2	16.0
MARKETING MGMT & RESEARCH	23	21.8	SOCIAL WORK	39	19.5
ORGANIZATIONAL BEHAVIOR	0	0.0	COMMNTY & PRSNL SVCS, GEN	166	19.4
PERSONNEL MANAGEMENT	2	26.0			
REAL ESTATE	20	18.5			
SML BUSINESS MGMT/OWNRSHIP	50	21.4			
TRADE & INDUSTRIAL MGMT	2	23.5			
TRANSPORTATION MANAGEMENT	2	17.5			
BUSINESS & MGMT, GEN	771	21.6			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	(419)	(23.3)	ENGINEERING	(620)	(24.1)
COMPUTER PROGRAMMING	152	23.4	AEROSPACE ENGINEERING	48	28.2
COMPUTER SCIENCE	62	24.4	AGRICULTURAL ENGINEERING	15	20.1
DATA PROCESSING	2	14.5	ARCHITECTURAL ENGINEERING	27	24.7
INFO SCIENCES & SYSTEMS	15	24.1	BIOENGINEER & BIOMED ENG	17	28.3
MATH/COMPUTER SCIENCE	7	27.1	CERAMIC ENGINEERING	0	0.0
COMPUTER & INFO SCI, GEN	181	22.6	CHEMICAL ENGINEERING	18	28.4
CROSS-DISC STUDIES	(12)	(25.8)	CIVIL ENGINEERING	28	26.3
AREA & ETHNIC STUDIES	2	22.0	COMPUTER ENGINEERING	27	24.0
LIBERAL ARTS/GEN STUDIES	5	28.0	CONSTRUCTION ENG/MGMT	22	21.5
MULTI-/INTERDISC STUDIES	3	26.0	ELECTRCL & ELECTRONIC ENG	30	22.1
CROSS-DISC STUDIES, GEN	2	24.0	ENGINEERING MANAGEMENT	1	31.0
EDUCATION	(798)	(21.4)	ENGINEERING PHYSICS	4	25.3
ADULT & CONTINUING EDUC	2	25.5	ENGINEERING SCIENCE	0	0.0
EDUCATION ADMINISTRATION	1	26.0	ENVIRONMENTAL HEALTH ENG	0	0.0
ELEMENTARY EDUCATION	241	20.9	GEOLOGICAL & GEOPHYS ENG	1	33.0
JR HIGH/MIDDLE SCH EDUC	35	21.9	INDUSTRIAL ENGINEERING	3	21.3
PRE-ELEMENTARY EDUCATION	31	20.0	MATERIALS ENGINEERING	2	23.0
SECONDARY EDUCATION	118	22.8	MECHANICAL ENGINEERING	68	23.5
STUDENT COUNSELING	8	21.9	METALLURGICAL ENGINEERING	0	0.0
TEACHER AIDE	1	17.0	MINING & MINERAL ENG	0	0.0
EDUCATION, GENERAL	361	21.4	NAVAL ARCHIT & MARINE ENG	3	19.0
TEACHER EDUCATION	(407)	(20.8)	NUCLEAR ENGINEERING	7	24.4
AGRICULTURAL EDUCATION	2	25.0	OCEAN ENGINEERING	1	25.0
ART EDUCATION	23	19.4	PETROLEUM ENGINEERING	1	16.0
BUSINESS EDUCATION	4	22.3	SYSTEMS ENGINEERING	1	16.0
ENGLISH EDUCATION	19	24.2	ENGINEERING, GENERAL	296	23.6
FOREIGN LANGUAGES EDUC	3	23.3	ENGINEERING-RELATED TECH	(345)	(22.9)
HEALTH EDUCATION	0	0.0	AERONAUTICAL TECHNOLOGY	24	25.3
HUMAN, FAM/CONS SCI EDUC	0	0.0	AC, HEATING, REFRIG TECH	2	20.0
INDUSTRIAL ARTS EDUCATION	1	21.0	ARCHITECTURAL DESIGN TECH	21	22.6
MATHEMATICS EDUCATION	23	23.1	BIOMEDICAL EQUIPMENT TECH	0	0.0
MUSIC EDUCATION	36	23.6	CIVIL ENGINEERING TECH	6	22.7
PHYSICAL EDUCATION	53	18.4	COMPUTER ENGINEERING TECH	21	21.4
SCIENCE EDUCATION	2	15.0	CONSTRUCTION/BLDG TECH	15	20.9
SOC STUDIES/SOC SCI EDUC	16	21.8	DRAFTING & DESIGN TECH	12	21.4
SPECIAL EDUCATION	20	18.2	ELECTRICAL ENG TECHNOLOGY	13	21.5
SPEECH CORRECTION EDUC	2	20.5	ELECTRONIC ENG TECHNOLOGY	9	22.6
TEACHING ENGL AS 2ND LANG	3	23.3	ELECTROMECHAN INSTR TECH	1	21.0
TECH/TRADE & IND ED	1	19.0	ENVIRONMENTAL CONTRL TECH	0	0.0
TEACHER EDUCATION, OTHER	7	22.3	INDUSTRRL PRODUCTION TECH	2	19.5
TEACHER EDUCATION, GEN	192	20.6			

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	(194)	(19.4)
MANUFACTURING TECHNOLOGY	0	0.0	CHILD DEV, CARE, GUIDANCE	15	18.9
MECHANICAL ENG TECH	49	23.2	CHILD CARE AIDE/ASSISTING	5	16.6
MINING & PETROLEUM TECH	1	20.0	CULINARY ARTS	44	18.3
OCCUPATL SFTY & HLTH TECH	0	0.0	FAMILY/CONS RESOURCE MGMT	0	0.0
SURVEYING & MAPPING TECH	0	0.0	FASHION DESIGN	27	20.5
ENGINEERING TECH, OTHER	5	21.8	FOOD PRODUCTN, MGMT, SVCS	3	20.3
ENGINEER-RELATD TECH, GEN	164	23.2	FOOD SCI & NUTR/DIETETICS	14	24.4
			HUMAN ENVIRON & HOUSING	0	0.0
FOREIGN LANGUAGES	(89)	(23.4)	INDIVIDUAL & FAMILY DEVEL	6	19.5
ASIATIC LANGUAGES	6	23.8	TEXTILES AND CLOTHING	5	19.0
CLASSICAL LANGUAGES	1	33.0	HUMAN, FAM/CONS SCI, GEN	75	19.0
FRENCH	7	22.3			
GERMAN	5	23.6	LETTERS	(88)	(24.2)
ITALIAN	0	0.0	CLASSICS	0	0.0
MIDDLE EASTERN LANGUAGES	0	0.0	COMPARATIVE LITERATURE	1	24.0
RUSSIAN	1	24.0	CREATIVE WRITING	31	23.5
SPANISH	28	22.8	ENGLISH, GENERAL	29	25.2
FOREIGN LANGUAGES, OTHER	2	22.5	LINGUISTICS	2	19.5
FOREIGN LANGUAGES, GEN	39	23.6	LITERATURE, ENGLISH/AMER	5	24.0
			SPEECH & RHETORICAL STUDY	1	21.0
HEALTH SCI & ALLIED HLTH	(2848)	(21.8)	LETTERS, GENERAL	19	24.5
CHIROPRACTIC	39	22.1			
DENTAL ASSISTING	13	16.5	MATHEMATICS	(65)	(25.7)
DENTAL HYGIENE	45	19.4	ACTUARIAL SCIENCES	13	26.9
DENTAL LAB/TECHNOLOGY	2	20.0	APPLIED MATHEMATICS	7	23.3
DENTISTRY	64	22.3	STATISTICS	4	29.8
EMERG MED TECH/PARAMEDIC	8	18.8	MATHEMATICS, GENERAL	41	25.3
HEALTH CARE ADMIN	12	19.7			
MEDICAL/SURG ASSISTING	40	19.2	PHILOS, RELIG & THEOLOGY	(99)	(23.1)
MEDICAL LAB/TECHNOLOGY	24	20.7	BIBLE STUDIES	6	23.7
MED RECORDS ADMIN/TECH	6	19.0	PHILOSOPHY	11	21.5
MEDICINE	374	24.4	RELIGION	14	22.9
MNTL HLTH & HUM SVCS/TECH	9	22.8	RELIGIOUS EDUCATION	9	21.2
NUCLEAR MEDICINE TECH	3	20.3	RELIGIOUS MUSIC	1	21.0
NURSING (PRACTICAL)	46	17.8	THEOLOGY	16	24.4
NURSING (REGISTERED)	348	20.3	PHILOS, RELIG & THEOL, GEN	42	23.4
OCCUPATNL THERAPY/ASSIST	28	20.3			
OPTOMETRY	25	22.3			
PHARMACY	127	23.5			
PHYSICIAN ASSISTING	26	20.2			
PHYSICAL THERAPY/ASSIST	248	21.5			
RADIOLOGY/RADIOLOGIC TECH	88	20.1			
REC/ART/MUSIC THERAPY	4	20.8			
RESPIRATORY THERAPY/TECH	6	16.8			
SPEECH PATHOL/AUDIOLOGY	5	24.8			
VETERINARIAN ASSISTING	26	18.3			
VETERINARY MEDICINE	120	22.5			
HEALTH SCI & ALLIED, GEN	1112	21.8			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL) (	672)	(24.1)	VISUAL/PERFORM ARTS	(807)	(21.7)
ASTRONOMY	14	25.1	APPLIED DESIGN/CRAFTS	6	22.0
ATMOSPHER SCI & METEOROL	40	22.1	ART	77	20.8
BIOCHEMISTRY & BIOPHYSICS	35	27.4	ART HIST & APPRECIATION	3	24.0
BIOLOGY	178	24.4	CINEMATOGRAPHY/FILM/VIDEO	41	23.5
BOTANY	2	20.5	DANCE	22	20.5
CHEMISTRY	67	25.5	DESIGN, GENERAL	25	21.6
EARTH SCIENCE	2	26.0	DRAMA/THEATRE ARTS	71	22.4
ECOLOGY/ENV STUDIES	15	22.1	FINE ARTS, GENERAL	24	21.9
GEOLOGY	8	22.4	GRAPHIC ARTS TECHNOLOGY	14	22.4
MICROBIOLOGY	9	21.0	GRAPHIC DESIGN	66	21.9
OCEANOGRAPHY	7	20.9	MUSIC (LIBERAL ARTS)	21	25.3
PHYSICS	27	28.4	MUSIC PERFORMANCE	86	22.4
ZOOLOGY	40	22.2	MUSIC THEORY & COMPOSIT	19	23.0
SCIENCES (BIO & PHYS), GEN	228	23.6	PHOTOGRAPHY	41	20.2
			VISUAL/PERFORM ARTS, GEN	291	21.2
SOCIAL SCIENCES (	913)	(22.7)	UNDECIDED	(1876)	(21.8)
ANTHROPOLOGY	21	23.4			
ECONOMICS	2	28.5			
GEOGRAPHY	6	24.2			
HISTORY	57	22.8			
INTERNATIONAL RELATIONS	17	27.7			
LAW	191	23.1			
PARALEGAL/LEGAL ASSISTING	7	19.4			
POLITICAL SCI/GOVERNMENT	52	24.2			
PSYCHOLOGY	300	22.2			
SOCIOLOGY	20	21.4			
URBAN STUDIES	1	20.0			
SOCIAL SCIENCES, GENERAL	239	22.1			
TRADE & INDUSTRIAL (	288)	(19.0)			
AIRCRAFT TECHNICIAN	2	23.0			
AIRPLANE PILOTING & NAVIG	26	22.0			
AUTOMOTIVE BODY REPAIR	27	18.0			
AUTOMOTIVE TECHNOLOGY	54	19.5			
AVIATION MANAGEMENT	0	0.0			
COMPUTER ELECTRNCs/REPAIR	4	18.3			
CONSTRCT TRADES & CARPENT	17	18.0			
DIESEL MECHANICS & TECH	15	18.5			
DRAFTING	2	17.5			
ELECTRICAL EQUIP REPAIR	12	17.9			
HEATING, AC, REFRIG MECH	2	17.5			
MACHINE TECHNOLOGY	4	18.3			
MECHANICAL DRAFTING	1	14.0			
WELDING & WELDING TECH	13	17.2			
TRADE & INDUSTRIAL, GEN	109	19.1			

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)	58	18.5	27	18.2	29	18.6	8	19.3	49	18.4
BUSINESS OPER (04-05)	150	17.9	60	19.2	89	17.1	74	18.0	75	17.9
TECHNICAL (06-07)	345	17.9	133	19.2	206	17.1	271	18.1	73	17.1
SCIENCE & TECH (08-09)	198	18.2	87	18.9	105	17.6	116	18.0	79	18.3
ARTS (10-11)	84	18.5	37	19.3	45	17.7	23	19.1	61	18.3
SOCIAL SERVICE (12-01)	49	17.6	23	18.3	26	17.1	9	17.1	39	17.8
OTHER*	302	17.9	133	18.5	160	17.4	144	18.2	156	17.6
TOTAL	1186	18.0	500	18.9	660	17.4	645	18.1	532	17.9
<u>PLAN ON 4-YEARS OR MORE OF COLLEGE</u>										
ADMIN & SALES (02-03)	1286	22.0	964	22.5	306	20.5	409	22.9	869	21.6
BUSINESS OPER (04-05)	1231	22.1	918	22.7	297	20.4	621	22.1	606	22.1
TECHNICAL (06-07)	1888	21.9	1396	22.5	467	20.3	1304	22.0	579	21.6
SCIENCE & TECH (08-09)	2266	23.3	1722	23.8	506	21.4	1193	23.6	1063	23.0
ARTS (10-11)	1437	22.9	1052	23.5	358	21.2	449	23.2	983	22.8
SOCIAL SERVICE (12-01)	1380	21.9	1013	22.5	352	20.2	377	22.1	1000	21.8
OTHER*	3734	22.2	2597	22.9	971	20.3	1654	22.5	2068	21.9
TOTAL	13222	22.3	9662	23.0	3257	20.6	6007	22.6	7168	22.1

* 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	6169	3.22	3.13	3.37	3.21	3.23	0.63
FEMALE	7504	3.48	3.21	3.48	3.32	3.37	0.57
NO RESPONSE	51	3.08	2.91	3.33	3.03	3.10	0.58
AFRICAN-AMERICAN/BLACK	402	2.86	2.63	2.98	2.86	2.85	0.67
CAUCASIAN-AMERICAN/WHITE	11805	3.40	3.20	3.46	3.30	3.34	0.59
OTHER MINORITY	938	3.23	3.11	3.28	3.12	3.19	0.62
MISSING/PREFER NO RESP	579	3.25	3.05	3.34	3.18	3.21	0.63
TOTAL	13724	3.36	3.17	3.43	3.27	3.31	0.60

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 50, THIS MEANS THAT 50% 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 42 PERCENT OF STUDENTS SCORED BELOW 21.

TABLE 4 EXAMPLE

STD SCORE	ACT COMPOSITE	
	FREQ	CP
36	3	99
35	29	99
34	57	99
33	115	99
32	177	99
31	263	98
30	350	96
29	445	94
28	566	91
27	669	88
26	831	84
25	947	78
24	1138	73
23	1238	66
22	1268	58
21	1363	50 <-- 50% OF THE STUDENTS SCORE AT OR BELOW 21
20	1398	42 <-- 42% OF THE STUDENTS SCORE BELOW 21
19	1252	33
18	1098	25
17	962	19
16	731	13
15	572	8
14	400	5
13	213	2
12	83	1
11	41	1
10	9	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

