

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

**STATE COMPOSITE FOR
WYOMING**

CODE 510-000

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	2446	1857	55/ 42	21.9/19.0	22.1/19.4	23.2/20.6	22.8/20.6	22.6/20.0
2001-02	2407	1811	55/ 41	21.6/19.0	22.3/19.4	23.1/20.8	22.6/20.5	22.5/20.0
2002-03	2329	1677	56/ 40	21.8/19.1	22.1/19.3	23.2/20.8	22.3/20.3	22.5/20.0
2003-04	2271	1595	56/ 39	21.8/19.0	22.1/19.4	23.3/20.8	22.3/20.2	22.5/20.0
2004-05	2149	1496	56/ 39	21.7/19.3	22.1/19.5	22.9/20.8	22.2/20.3	22.3/20.1

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
2000-01	4439	20.6	20.9	22.1	21.8	21.5
2001-02	4365	20.5	21.0	22.1	21.6	21.4
2002-03	4183	20.6	20.9	22.1	21.4	21.4
2003-04	4041	20.6	21.0	22.2	21.4	21.4
2004-05	3857	20.6	21.0	22.0	21.4	21.4

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
Q3 (75TH PERCENTILE)	24.2	24.2	26.0	23.9	24.3
Q2 (50TH PERCENTILE - MEDIAN)	20.4	20.4	21.8	21.1	21.1
Q1 (25TH PERCENTILE)	16.8	17.3	17.8	18.7	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= 8)	(N= 21)	(N= 1839)	(N= 54)	(N= 24)	(N= 17)
ENGLISH	19.4	19.2	21.8	19.8	20.5	21.6
USAGE/MECH	9.4	9.2	10.9	9.6	10.2	11.1
RHET SKILLS	9.9	10.1	11.4	10.4	10.6	11.2
MATHEMATICS	19.3	19.1	22.1	21.0	22.8	20.9
PRE/ELEM-ALG	10.4	9.9	11.8	11.2	11.9	10.9
ALG/CRD-GEOM	10.3	9.3	11.0	10.5	11.0	10.2
PLANE GEOM/TRIG	9.0	9.9	11.4	10.6	12.0	11.0
READING	19.9	19.3	23.1	21.2	20.6	22.2
SOC STU/SCI	10.5	9.4	11.8	10.8	10.6	11.3
ARTS/LITERATURE	9.5	10.2	11.8	10.6	10.4	11.5
SCIENCE	21.0	20.6	22.3	21.5	21.4	20.9
COMPOSITE	20.0	19.6	22.4	20.9	21.4	21.6
LESS THAN CORE	(N= 11)	(N= 16)	(N= 1243)	(N= 51)	(N= 9)	(N= 14)
ENGLISH	16.8	17.4	19.4	16.9	20.6	18.1
USAGE/MECH	8.3	8.6	9.5	8.1	10.8	9.0
RHET SKILLS	8.4	9.0	10.2	8.8	10.0	9.0
MATHEMATICS	16.2	17.4	19.7	17.4	19.3	18.2
PRE/ELEM-ALG	8.0	8.9	10.2	8.5	10.2	9.2
ALG/CRD-GEOM	7.8	8.9	9.7	8.5	10.2	8.7
PLANE GEOM/TRIG	8.0	8.3	10.2	8.8	9.8	9.4
READING	17.5	17.9	21.0	18.8	20.8	18.9
SOC STU/SCI	7.8	8.8	10.7	9.6	10.8	9.1
ARTS/LITERATURE	9.1	9.2	10.7	9.1	10.3	10.0
SCIENCE	17.4	18.7	20.5	18.7	21.7	19.5
COMPOSITE	17.0	17.9	20.3	18.2	20.8	18.8
NO RESPONSE	(N= 1)	(N= 0)	(N= 170)	(N= 7)	(N= 2)	(N= 0)

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= 20)	(N= 37)	(N= 3252)	(N= 112)	(N= 35)	(N= 31)
ENGLISH	17.8	18.5	20.8	18.4	20.1	20.1
USAGE/MECH	8.7	9.0	10.3	8.9	10.1	10.2
RHET SKILLS	9.0	9.6	10.8	9.6	10.3	10.2
MATHEMATICS	17.5	18.4	21.1	19.2	21.5	19.7
PRE/ELEM-ALG	9.1	9.5	11.1	9.9	11.2	10.1
ALG/CRD-GEOM	8.9	9.1	10.5	9.5	10.7	9.5
PLANE GEOM/TRIG	8.5	9.2	10.8	9.7	11.3	10.3
READING	18.3	18.7	22.2	20.1	20.4	20.7
SOC STU/SCI	8.9	9.1	11.3	10.3	10.6	10.3
ARTS/LITERATURE	9.1	9.8	11.3	9.9	10.1	10.8
SCIENCE	18.8	19.8	21.5	20.1	21.1	20.3
COMPOSITE	18.2	18.9	21.5	19.6	20.9	20.3

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	4 21.5	11 21.5	1377 23.8	32 22.8	18 22.9	10 23.8
3.00 - 3.49	6 18.7	8 19.5	737 20.6	29 19.1	9 21.1	10 17.9
2.50 - 2.99	3 18.3	7 16.7	412 18.9	14 18.4	2 18.0	8 19.9
2.00 - 2.49	1 18.0	4 18.0	180 18.3	20 17.2	1 17.0	0 0.0
1.99 & BELOW	1 17.0	0 0.0	60 17.4	3 15.3	2 16.0	1 23.0
CGPA PRED BY STUDENT						
3.5 - 4.0	3 22.0	5 20.6	1048 24.1	26 22.7	14 24.1	9 24.8
3.0 - 3.4	7 19.1	16 19.0	1275 21.0	53 19.7	14 19.7	14 18.4
2.5 - 2.9	6 16.7	9 18.4	460 18.9	14 16.9	3 19.0	6 19.7
2.0 - 2.4	2 15.0	5 17.4	175 17.3	12 16.3	2 15.5	1 15.0
1.9 & BELOW	1 17.0	2 19.5	25 17.7	1 14.0	0 0.0	0 0.0
HIGH SCHOOL RANK						
TOP QUARTER	4 19.8	10 19.6	1429 23.6	39 22.1	14 24.1	12 24.3
2ND QUARTER	10 18.3	16 19.1	993 20.1	34 18.8	12 20.8	9 18.3
BOTTOM HALF	5 17.0	11 18.0	483 18.6	28 17.0	7 16.4	9 17.3

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	811	21	544	14	118	3	17	0
	FEMALE	1014	26	713	18	157	4	14	0
	TOTAL	1840	48	1267	33	276	7	32	1
NO. & VARIETY OF COURSE OFFERINGS	MALE	699	18	428	11	345	9	19	0
	FEMALE	840	22	489	13	554	14	14	0
	TOTAL	1550	40	922	24	909	24	34	1
GRADING PRACTICES & POLICIES	MALE	679	18	575	15	214	6	18	0
	FEMALE	921	24	670	17	293	8	12	0
	TOTAL	1613	42	1255	33	510	13	31	1
NO. & KINDS OF TESTS GIVEN	MALE	616	16	670	17	187	5	15	0
	FEMALE	766	20	851	22	260	7	18	0
	TOTAL	1393	36	1531	40	452	12	34	1
GUIDANCE SERV PROVIDED BY GUIDANCE OFFICE	MALE	717	19	469	12	217	6	86	2
	FEMALE	881	23	536	14	384	10	94	2
	TOTAL	1608	42	1015	26	606	16	182	5
SCHOOL RULES, REGULATIONS, & POLICIES	MALE	513	13	506	13	438	11	30	1
	FEMALE	696	18	671	17	500	13	24	1
	TOTAL	1220	32	1184	31	946	25	55	1
LIBRARY OR LEARNING CENTER	MALE	796	21	481	12	167	4	43	1
	FEMALE	1097	28	571	15	201	5	25	1
	TOTAL	1906	49	1062	28	370	10	70	2
LABORATORY FACILITIES	MALE	693	18	560	15	177	5	57	1
	FEMALE	870	23	702	18	236	6	88	2
	TOTAL	1575	41	1271	33	415	11	149	4
PROVISIONS FOR SPECIAL HELP IN READING, MATH, ETC	MALE	539	14	503	13	97	3	346	9
	FEMALE	713	18	567	15	168	4	443	11
	TOTAL	1266	33	1077	28	266	7	794	21
PROVISIONS FOR ACADEMICALLY OUTSTANDING STU	MALE	693	18	476	12	165	4	154	4
	FEMALE	895	23	552	14	298	8	148	4
	TOTAL	1601	42	1033	27	468	12	306	8
ADEQUACY OF PROG IN CAREER EDUC & PLANNING	MALE	579	15	588	15	228	6	92	2
	FEMALE	708	18	692	18	365	9	119	3
	TOTAL	1296	34	1288	33	602	16	212	5

NUMBER OF STUDENTS - 3857

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 3857)

STD SCORE	ACT ENGLISH		ACT MATHEMATICS		ACT READING		ACT SCIENCE		ACT COMPOSITE	
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP
36	0	99	1	99	17	99	4	99	0	99
35	14	99	5	99	18	99	8	99	1	99
34	29	99	11	99	70	99	18	99	5	99
33	26	99	20	99	55	97	15	99	12	99
32	34	98	17	99	59	96	26	99	26	99
31	42	97	35	99	78	94	27	98	37	99
30	69	96	36	98	122	92	26	97	67	98
29	101	94	87	97	130	89	44	97	68	96
28	114	92	92	95	127	86	79	96	111	94
27	108	89	169	92	188	82	108	94	142	92
26	145	86	181	88	202	78	177	91	195	88
25	227	82	228	83	178	72	258	86	259	83
24	204	76	282	77	224	68	298	80	246	76
23	202	71	260	70	290	62	339	72	298	70
22	283	66	226	63	249	54	328	63	328	62
21	297	59	240	57	216	48	441	54	344	53
20	321	51	271	51	316	42	431	43	349	45
19	286	43	304	44	222	34	345	32	309	35
18	239	35	345	36	182	28	318	23	291	27
17	219	29	372	27	195	24	183	15	288	20
16	208	23	349	18	191	19	149	10	197	12
15	238	18	200	8	143	14	94	6	131	7
14	147	12	91	3	169	10	53	4	91	4
13	84	8	27	1	120	6	38	2	47	2
12	74	6	7	1	71	2	18	1	12	1
11	67	4	1	1	17	1	16	1	2	1
10	38	2	0	1	3	1	12	1	1	1
9	15	1	0	1	3	1	3	1	0	1
8	20	1	0	1	2	1	1	1	0	1
7	6	1	0	1	0	1	0	1	0	1
6	0	1	0	1	0	1	0	1	0	1
5	0	1	0	1	0	1	0	1	0	1
4	0	1	0	1	0	1	0	1	0	1
3	0	1	0	1	0	1	0	1	0	1
2	0	1	0	1	0	1	0	1	0	1
1	0	1	0	1	0	1	0	1	0	1

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

33-36	69	2	37	1	160	4	45	1	18	0
28-32	360	9	267	7	516	13	202	5	309	8
24-27	684	18	860	22	792	21	841	22	842	22
20-23	1103	29	997	26	1071	28	1539	40	1319	34
16-19	952	25	1370	36	790	20	995	26	1085	28
13-15	469	12	318	8	432	11	185	5	269	7
01-12	220	6	8	0	96	2	50	1	15	0

AVG(SD) 20.6(5.3) 21.0(4.4) 22.0(5.6) 21.4(4.1) 21.4(4.2)

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 = 3857)

STD SCORE	USAGE/MECH		RHET SKILLS		SOC STU/SCI		ARTS/LIT		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	
18	62	99	12	99	42	99	117	99	18
17	114	98	48	99	200	99	182	97	17
16	124	95	139	98	208	94	245	92	16
15	204	92	182	95	270	88	291	86	15
14	214	87	328	90	308	81	201	78	14
13	221	81	322	82	308	73	362	73	13
12	331	76	474	73	428	65	490	64	12
11	421	67	477	61	412	54	343	51	11
10	436	56	561	49	451	44	338	42	10
9	398	45	496	34	408	32	280	33	9
8	426	35	362	21	359	21	353	26	8
7	366	23	209	12	212	12	251	17	7
6	254	14	136	6	138	7	204	10	6
5	140	7	64	3	64	3	147	5	5
4	104	4	36	1	26	1	39	1	4
3	33	1	10	1	15	1	9	1	3
2	8	1	1	1	6	1	5	1	2
1	1	1	0	1	2	1	0	1	1
AVERAGE		10.2		10.7		11.2		11.2	
S.D.		3.4		2.8		3.2		3.5	

STD SCORE	PRE/ELEM		ALG CP	ALG/CRD-GEOM		PLN GEOM/TRIG		STD SCORE
	FREQ	CP		FREQ	CP	FREQ	CP	
18		70	99	11	99	4	99	18
17		95	98	24	99	21	99	17
16		167	96	62	99	85	99	16
15		212	91	89	97	157	97	15
14		332	86	314	95	318	93	14
13		425	77	241	87	406	85	13
12		346	66	578	81	556	74	12
11		436	57	506	66	462	60	11
10		410	46	535	53	774	48	10
9		336	35	706	39	409	28	9
8		519	27	329	21	265	17	8
7		371	13	202	12	192	10	7
6		102	4	116	7	99	5	6
5		15	1	77	4	23	3	5
4		15	1	41	2	63	2	4
3		2	1	13	1	8	1	3
2		3	1	8	1	14	1	2
1		1	1	5	1	1	1	1
AVERAGE			11.0		10.4		10.8	
S.D.			3.1		2.6		2.6	

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	1709	19.9	5.2	21.5	4.6	21.6	5.6	21.9	4.2	21.4	4.3
FEMALES	2115	21.2	5.3	20.5	4.3	22.3	5.6	21.0	3.9	21.4	4.2
NO RESPONSE	33	20.0	5.1	20.7	4.0	21.4	4.8	20.6	3.7	20.8	3.8

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

SCORE RANGE	M		F		M		F		M		F	
33-36	1	2	1	1	4	5	2	1	1	0		
28-32	7	11	9	5	12	15	6	4	8	8		
24-27	16	20	25	20	19	22	25	19	22	22		
20-23	27	30	26	26	28	27	39	41	33	35		
16-19	28	22	32	38	22	20	23	28	29	28		
13-15	14	11	6	10	13	10	3	6	7	7		
01-12	7	5	0	0	3	3	1	1	0	0		

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	557	16	22.7	20	14	39	10	352	22	146	11
GOOD	1597	46	21.8	63	45	167	44	785	49	582	43
AVERAGE	829	24	20.3	31	22	110	29	281	18	407	30
BELOW AVERAGE	187	5	20.0	11	8	25	7	53	3	98	7
VERY INADEQUATE	184	5	20.0	9	6	29	8	74	5	72	5
NO RESPONSE	109	3	21.9	7	5	10	3	52	3	40	3
NO. OF STUDENTS	3463			141		380		1597		1345	

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	3857	20.6	5.3	21.0	4.4	22.0	5.6	21.4	4.1	21.4	4.2
COLLEGE CORE											
E4, M3, SS3, NS3	2149	21.7	5.2	22.1	4.4	22.9	5.4	22.2	3.9	22.3	4.1
In between	1119	19.5	5.1	19.7	4.1	20.9	5.6	20.4	4.0	20.3	4.1
E4, M2, SS2, NS2	377	18.6	5.5	19.1	4.3	20.6	5.6	20.0	4.1	19.7	4.3
No Response	212	19.6	5.2	19.8	3.9	21.2	5.6	20.7	3.8	20.4	4.0
HS GPA RANGES											
3.50 - 4.00	1576	23.4	4.8	23.3	4.2	24.5	5.2	23.2	3.8	23.7	3.8
3.00 - 3.49	887	19.5	4.4	20.1	3.7	21.2	5.0	20.8	3.5	20.5	3.5
2.50 - 2.99	496	17.7	4.3	18.4	3.3	19.4	4.9	19.5	3.5	18.9	3.3
2.00 - 2.49	225	17.1	4.2	17.8	2.9	18.4	4.6	19.0	3.3	18.2	3.0
1.99 & below	74	15.8	4.4	17.3	2.9	17.8	4.7	17.9	3.5	17.3	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	1058	27	3.42	21.1	21.8
ENG 9, ENG 10, ENG 11, ENG 12	2347	61	3.37	20.6	21.3
LESS THAN 4 YEARS OF ENGLISH	236	6	3.31	19.9	20.9
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	216	6	- . -	19.6	20.4
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	241	6	3.60	24.2	24.3
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	380	10	3.33	22.1	22.4
ALG 1, ALG 2, GEOM, TRIG	303	8	3.24	20.5	21.1
ALG 1, ALG 2, GEOM, OTHER ADV MATH	446	12	3.08	20.5	20.9
ALG 1, ALG 2, GEOM	688	18	2.70	18.4	19.4
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	1003	26	3.52	23.7	23.5
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	146	4	3.12	20.4	20.8
LESS THAN 3 YEARS OF MATH	418	11	2.49	17.4	18.1
NO MATH COURSE/GRADE INFORMATION REPORTED	232	6	- . -	19.8	20.4
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	121	3	3.53	23.1	22.6
US HIST, WORLD HIST, AM GOVT	339	9	3.29	21.5	20.9
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	1232	32	3.57	22.4	21.8
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	1187	31	3.48	22.0	21.3
LESS THAN 3 YEARS OF SOC SCI	740	19	3.35	21.6	21.0
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	238	6	- . -	21.5	20.6
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	1177	31	3.55	23.0	23.1
BIOLOGY, CHEMISTRY, PHYSICS	79	2	3.49	23.7	24.4
GEN SCIENCE, BIOLOGY, CHEMISTRY	1348	35	3.32	21.2	21.2
OTHER COMBINATIONS OF 3 YEARS NAT SCI	191	5	3.30	20.8	20.6
LESS THAN 3 YEARS OF NAT SCI	825	21	2.94	19.4	19.2
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	237	6	- . -	20.8	20.6

STATE COMPOSITE FOR
WYOMINGTABLE 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	450	26	3.28	20.4	21.9
ENG 9, ENG 10, ENG 11, ENG 12	1030	60	3.19	19.9	21.3
LESS THAN 4 YEARS OF ENGLISH	114	7	3.13	19.4	21.0
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	115	7	- . -	18.4	20.2
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	102	6	3.52	24.7	23.8
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	156	9	3.30	23.2	22.7
ALG 1, ALG 2, GEOM, TRIG	119	7	3.17	21.2	21.0
ALG 1, ALG 2, GEOM, OTHER ADV MATH	167	10	3.02	21.1	21.0
ALG 1, ALG 2, GEOM	297	17	2.59	18.7	19.4
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	466	27	3.45	24.3	23.6
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	78	5	3.02	20.6	20.8
LESS THAN 3 YEARS OF MATH	199	12	2.42	18.1	18.5
NO MATH COURSE/GRADE INFORMATION REPORTED	125	7	- . -	20.4	20.3
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	63	4	3.56	22.2	22.5
US HIST, WORLD HIST, AM GOVT	164	10	3.20	21.0	20.8
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	502	29	3.51	22.0	21.8
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	497	29	3.35	21.6	21.4
LESS THAN 3 YEARS OF SOC SCI	354	21	3.22	21.5	21.1
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	129	8	- . -	21.0	20.5
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	542	32	3.50	23.6	23.3
BIOLOGY, CHEMISTRY, PHYSICS	33	2	3.29	24.1	23.5
GEN SCIENCE, BIOLOGY, CHEMISTRY	537	31	3.19	21.6	21.0
OTHER COMBINATIONS OF 3 YEARS NAT SCI	110	6	3.29	21.6	21.1
LESS THAN 3 YEARS OF NAT SCI	362	21	2.81	19.9	19.3
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	125	7	- . -	21.3	20.5

STATE COMPOSITE FOR
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FOR FEMALES

ENGLISH COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS ENGLISH	ACT ENGLISH	ACT COMP
ENG 9, ENG 10, ENG 11, ENG 12, SPEECH	602	28	3.53	21.5	21.6
ENG 9, ENG 10, ENG 11, ENG 12	1300	61	3.50	21.2	21.4
LESS THAN 4 YEARS OF ENGLISH	116	5	3.48	20.5	20.8
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	97	5	- . -	20.9	20.6
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	137	6	3.67	23.8	24.7
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	219	10	3.35	21.3	22.3
ALG 1, ALG 2, GEOM, TRIG	182	9	3.28	20.0	21.1
ALG 1, ALG 2, GEOM, OTHER ADV MATH	277	13	3.12	20.1	21.0
ALG 1, ALG 2, GEOM	384	18	2.78	18.1	19.5
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	531	25	3.59	23.2	23.5
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	67	3	3.24	20.2	21.0
LESS THAN 3 YEARS OF MATH	215	10	2.55	16.7	17.7
NO MATH COURSE/GRADE INFORMATION REPORTED	103	5	- . -	19.1	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	56	3	3.48	24.1	22.6
US HIST, WORLD HIST, AM GOVT	174	8	3.38	22.1	21.1
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	720	34	3.60	22.7	21.7
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	680	32	3.57	22.3	21.4
LESS THAN 3 YEARS OF SOC SCI	380	18	3.46	21.7	20.9
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	105	5	- . -	22.0	20.6
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	629	30	3.60	22.4	23.0
BIOLOGY, CHEMISTRY, PHYSICS	45	2	3.64	23.3	24.9
GEN SCIENCE, BIOLOGY, CHEMISTRY	799	38	3.41	21.0	21.4
OTHER COMBINATIONS OF 3 YEARS NAT SCI	79	4	3.32	19.8	19.9
LESS THAN 3 YEARS OF NAT SCI	455	22	3.04	19.0	19.1
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	108	5	- . -	20.3	20.7

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	117	20.4	39	42	4	4	3	3	4	3
ARCH & ENVIR DESIGN	91	21.9	40	43	4	4	2	2	3	3
BUSINESS & MGMT	249	20.9	30	56	9	8	7	7	8	7
BUSINESS & OFFICE	19	20.2	26	47	0	0	1	1	1	1
MARKETING & DISTRIBUTION	17	19.4	41	47	0	0	1	1	1	1
COMMUNICATION & COMM TEC	82	21.8	30	52	2	3	3	3	3	3
COMMUNITY & PRSNL SVCS	120	19.4	47	45	3	3	4	5	4	4
COMPUTER & INFO SCI	109	22.1	25	61	7	6	1	1	3	3
CROSS-DISC STUDIES	1	26.0	0	0	0	0	0	0	0	0
EDUCATION	159	20.6	44	47	3	3	7	7	5	6
TEACHER EDUCATION	118	20.6	40	42	3	4	4	4	4	4
ENGINEERING	165	23.5	35	53	9	10	2	2	5	5
ENGINEERING-RELATED TECH	98	22.3	28	59	6	6	0	0	3	3
FOREIGN LANGUAGES	19	22.3	21	68	0	0	1	0	1	0
HEALTH SCI & ALLIED HLTH	634	21.3	45	44	10	10	27	30	20	21
HUMAN, FAMILY/CONS SCI	21	18.7	43	43	0	0	1	1	1	1
LETTERS	25	25.3	24	60	0	1	1	1	1	1
MATHEMATICS	6	26.7	17	67	0	0	0	0	0	0
PHILOS, RELIG & THEOL	22	21.8	45	36	1	1	0	0	1	1
SCI (BIOL & PHYSICAL)	170	22.5	32	45	5	4	5	4	5	4
SOCIAL SCIENCES	227	22.5	34	51	5	5	8	9	7	7
TRADE & INDUSTRIAL	91	18.5	54	40	6	8	0	0	3	4
VISUAL & PERFORM ARTS	230	21.5	40	46	7	7	8	9	7	8
UNDECIDED	438	21.5	8	16	15	13	12	9	14	11
NO RESPONSE	629									

NUMBER OF STUDENTS - 3857

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	521	19.5	14	AFRICAN-AMER/BLACK	20	18.2	1
COLL PREP	1597	22.9	41	AM INDIAN,ALASKAN NTV	37	18.9	1
OTHER/GENERAL/NO RESP	1739	20.5	45	CAUCASIAN-AMER/WHITE	3252	21.5	84
REQUEST ASSISTANCE WITH				MEXICAN-AMER/CHICANO	112	19.6	3
ED/OCCUP PLANS	1382	21.5	36	ASIAN-AMER,PACIFIC ISL	35	20.9	1
EXPR IDEAS IN WRITING	623	20.3	16	PUERTO RICAN,HISPANIC	31	20.3	1
READING/COMPREHENSION	810	19.4	21	OTHER	66	19.8	2
STUDY SKILLS	1327	20.2	34	MULTIRACIAL	68	20.2	2
MATH SKILLS	1370	19.7	36	PREFER NOT TO RESPOND	136	22.3	4
PERSONAL CONCERNS	269	19.9	7	NO RESPONSE	100	21.2	3
EXPRESSED FIN NEED				ESTIMATED FAMILY INCOME			
NEED FINANCIAL AID	3069	21.4	80	LESS THAN \$18,000	201	19.3	5
NEED TO FIND WORK	2662	21.1	69	ABOUT \$18,000-\$24,000	201	20.4	5
SPECIAL COLLEGE PROG				ABOUT \$24,000-\$30,000	201	21.1	5
INDEP STUDY	1494	22.1	39	ABOUT \$30,000-\$36,000	229	20.8	6
HONORS COURSES	1006	24.0	26	ABOUT \$36,000-\$42,000	267	21.1	7
ADV PLACEMENT IN COLL				ABOUT \$42,000-\$50,000	368	21.5	10
ENGLISH	994	22.9	26	ABOUT \$50,000-\$60,000	458	21.6	12
MATH	885	23.7	23	ABOUT \$60,000-\$80,000	599	21.7	16
SOCIAL STUDIES	872	22.8	23	ABOUT \$80,000-\$100,000	388	22.1	10
NATURAL SCIENCE	781	23.0	20	MORE THAN \$100,000	298	22.4	8
FOREIGN LANG	616	22.6	16	NO RESPONSE	647	21.2	17
MAX YEARLY COLL TUITION				HS CLASS RANK			
\$1000 & UNDER	133	18.7	3	TOP QTR	1631	23.6	42
\$1001 - \$2000	197	19.7	5	2ND QTR	1200	20.0	31
\$2001 - \$4000	491	20.4	13	3RD QTR	534	18.5	14
\$4001 - \$7500	553	21.1	14	4TH QTR	74	17.4	2
\$7501 & OVER	200	21.6	5	NO RESPONSE	418	20.9	11
NO PREFERENCE	1850	22.0	48	EDUC DEG ASPIRATION			
NO RESPONSE	433	21.6	11	VOC-TECH	77	17.9	2
MOST RECENTLY TESTED				2YR COL DEGREE	232	18.5	6
SOPHOMORE	20	22.8	1	BACHELORS DEGREE	1460	20.9	38
JUNIOR	1342	21.9	35	GRAD STUDY	634	22.7	16
SENIOR	2272	20.9	59	PROF LEVEL DEGREE	1024	22.4	27
OTHER/NO RESPONSE	223	22.4	6	OTHER	105	19.6	3
COLLEGE CORE PREPARATION				NO RESPONSE	325	21.1	8
CORE OR MORE	2149	22.3	56	NUMBER OF STUDENTS			
LESS THAN CORE	1496	20.1	39	HOME SCHOOLED	28	24.1	1
NO RESPONSE	212	20.4	5	EARNED A GED	5	21.0	0
				ALL STUDENTS	3857	21.4	100

TABLE 12 STUDENTS' SCORE REPORT PREFERENCES AT TIME OF TESTING

INSTITUTION CODE NAME	ST	TOTAL NUMBER	1ST CHOICE NUMBER	2ND-6TH CHOICES NUMBER	STANDARD FOR TRANSITION RANGES						
					01- 12 PCT	13- 15 PCT	16- 19 PCT	20- 23 PCT	24- 27 PCT	28- 32 PCT	33- 36 PCT
5006 UNIV OF WYOMING	WY	1965	895	1070	0	5	25	37	24	8	1
4998 CASPER COLLEGE	WY	611	220	391	1	8	37	35	17	3	0
0504 COLORADO STATE UNIV	CO	405	82	323	0	2	23	37	27	10	0
5003 LARAMIE COUNTY C C	WY	402	120	282	1	9	37	36	14	3	0
5004 NORTHWEST COLL-WY	WY	329	128	201	0	8	32	41	18	1	0
5002 SHERIDAN COLLEGE	WY	308	113	195	1	13	34	32	16	3	0
5005 WESTERN WYOMING C C	WY	300	116	184	1	11	36	36	14	3	0
2420 MT ST UNIV-BOZEMAN	MT	272	80	192	0	3	21	39	26	11	1
3904 BLACK HILLS STATE U	SD	268	67	201	0	6	37	38	15	4	0
2416 MT STATE U-BILLINGS	MT	204	46	158	0	7	32	38	20	3	0
4999 CENTRAL WYOMING COLL	WY	186	51	135	1	10	34	36	18	1	0
4276 UTAH STATE UNIV	UT	160	35	125	0	4	22	38	29	7	0
0502 U NORTHERN COLORADO	CO	157	32	125	0	5	18	36	33	7	1
4266 BRIGHAM YOUNG UNIV	UT	150	54	96	1	1	11	46	30	11	0
2466 CHADRON STATE COLL	NE	149	26	123	0	7	29	38	21	6	0
4274 UNIVERSITY OF UTAH	UT	144	22	122	0	3	25	30	31	10	1
0926 BRIGHAM YOUNG-IDAHO	ID	138	45	93	1	4	19	45	28	4	0
5000 EASTERN WYOMING COLL	WY	130	40	90	0	11	44	28	15	3	0
2422 UNIV OF MONTANA	MT	100	15	85	0	4	22	37	22	15	0
0532 U OF CO-BOULDER	CO	94	8	86	0	4	21	36	26	13	0
4282 WEBER STATE UNIV	UT	88	19	69	0	6	31	42	19	2	0
0088 ARIZONA STATE UNIV	AZ	84	28	56	0	5	17	39	31	8	0
0518 MESA STATE COLLEGE	CO	73	25	48	0	8	32	33	23	3	1
0096 UNIV OF ARIZONA	AZ	64	11	53	0	6	27	34	20	13	0
0495 ART INST OF COLORADO	CO	64	15	49	0	3	31	33	30	3	0
3922 SOUTH DAKOTA MINES/T	SD	64	18	46	0	3	20	27	25	22	3
0918 IDAHO STATE UNIV	ID	58	14	44	0	5	26	45	22	2	0
3201 UNIVERSITY OF MARY	ND	57	12	45	0	5	23	56	14	2	0
2426 ROCKY MOUNTAIN COLL	MT	51	9	42	0	10	31	41	16	2	0
2482 UNIV OF NEBR-LINCOLN	NE	51	8	43	0	2	22	35	33	8	0
4484 UNIV OF WASHINGTON	WA	51	10	41	0	2	12	29	37	18	2
2496 U NEVADA-LAS VEGAS	NV	50	15	35	0	12	24	34	22	8	0
0529 JOHNSON & WALES U-CO	CO	49	20	29	0	6	27	47	14	6	0
2408 CARROLL COLLEGE-MT	MT	49	10	39	0	2	24	35	22	16	0
0086 NORTHERN ARIZONA U	AZ	47	13	34	0	4	19	38	23	13	2
ALL OTHER INSTITUTIONS		3578	784	2794	0	5	21	34	25	13	1
TOTALS		10950	3206	7744	0	6	26	36	23	9	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	(117)	(20.4)	BUSINESS & OFFICE	(19)	(20.2)
AGRICULTURAL BUSINESS	11	22.7	BOOKKEEPING/ACCT TECH	2	16.5
AGRICULTURAL ECONOMICS	0	0.0	BUSINESS DP/COMPUTER OPER	2	15.0
AGRICULTURAL MECHANICS	3	19.7	COURT REPORTING	0	0.0
AGRI PRODUCTION/TECH	1	14.0	OFFICE SUPERVISION & MGMT	2	22.5
AGRONOMY	0	0.0	SECRETARIAL	1	20.0
ANIMAL SCIENCES	19	21.8	TYPING & GENERAL OFFICE	0	0.0
FARM & RANCH MANAGEMENT	7	17.6	WORD PROCESSING	0	0.0
FISH, GAME, WILDLIFE MGMT	12	19.9	BUSINESS & OFFICE, GEN	12	21.3
FOOD SCIENCES/ENGINEERING	1	17.0			
FORESTRY & RELATED SCI	4	18.5	MARKETING & DISTRIBUTION	(17)	(19.4)
HORTICULTURE/ORNMENTAL HORT	0	0.0	FASHION MERCHANDISING	4	21.0
NATURAL RESOURCES MGMT	0	0.0	RETAILING & SALES	2	21.5
AGRICULTURE & AG TECH, GEN	59	20.3	TRAVEL SERVICES & TOURISM	0	0.0
			MARKETING & DISTRIB, GEN	11	18.5
ARCH & ENVIR DESIGN	(91)	(21.9)			
ARCHITECTURAL DRAFTING	17	21.4	COMMUNICATIONS & COMM TECH	(82)	(21.8)
ARCHITECTURE	15	24.5	ADVERTISING	3	18.0
BLDG CON/CONSTRUCTION SCI	1	25.0	GRAPHIC/COMMERCIAL ART	4	20.0
CITY, COMM & REG PLANNING	0	0.0	GRAPHIC & PRINT COMMUNIC	3	19.7
ENVIRONMENTAL DESIGN	0	0.0	JOURNALISM	22	23.9
INTERIOR DESIGN	16	19.1	PHOTO/FILM/VIDEO TECH	7	17.9
LANDSCAPE ARCHITECTURE	3	19.3	PUBLIC RELATIONS	2	24.0
ARCHI & ENVIR DESIGN, GEN	39	22.5	RADIO/TV BROADCASTING	6	21.0
			RADIO/TV PRODUCTN & TECH	0	0.0
BUSINESS & MGMT	(249)	(20.9)	COMMUNIC & COMM TECH, GEN	35	21.9
ACCOUNTING	27	21.7			
BANKING & FINANCE	4	20.8	COMMNTY & PRSNL SVCS	(120)	(19.4)
BUSINESS ADMIN & MGMT	31	20.6	CORRECTIONS	0	0.0
BUSINESS ECONOMICS	3	19.3	COSMETOLOGY/HAIRSTYLING	15	18.1
CONTRACT MGMT & PURCHSING	0	0.0	CRIMINAL JUSTICE/CRIMINOL	35	19.8
HOTEL/RESTAURANT MGMT	10	20.2	FIRE PROTECTN/SAFETY TECH	5	17.6
HUMAN RESOURCE DEVEL/TRNG	1	26.0	FUNERAL SVCS/MORTUARY SCI	2	18.0
INSTITUTIONAL MANAGEMENT	0	0.0	LAW ENFORCEMENT & ADMIN	15	18.7
INSURANCE & RISK MGMT	0	0.0	LIBRARY SCI/LIB ASSISTING	1	24.0
INTERNATL BUSINESS/MGMT	4	23.3	MILITARY SCIENCE/TECH	2	19.0
LABOR/INDUSTRL RELATIONS	0	0.0	PARKS & RECREATION	1	24.0
MANAGEMENT INFO SYSTEMS	0	0.0	PUBLIC ADMINISTRATION	0	0.0
MANAGEMENT SCIENCE	0	0.0	PUBLIC AFFAIRS	1	23.0
MARKETING MGMT & RESEARCH	2	20.5	SOCIAL WORK	13	20.6
ORGANIZATIONAL BEHAVIOR	1	18.0	COMMNTY & PRSNL SVCS, GEN	30	19.3
PERSONNEL MANAGEMENT	1	21.0			
REAL ESTATE	3	15.7			
SML BUSINESS MGMT/OWNRSHIP	17	18.9			
TRADE & INDUSTRIAL MGMT	0	0.0			
TRANSPORTATION MANAGEMENT	0	0.0			
BUSINESS & MGMT, GEN	145	21.2			

STATE COMPOSITE FOR
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TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	(109)	(22.1)	ENGINEERING	(165)	(23.5)
COMPUTER PROGRAMMING	39	21.7	AEROSPACE ENGINEERING	9	23.8
COMPUTER SCIENCE	17	22.9	AGRICULTURAL ENGINEERING	1	19.0
DATA PROCESSING	0	0.0	ARCHITECTURAL ENGINEERING	9	22.7
INFO SCIENCES & SYSTEMS	0	0.0	BIOENGINEER & BIOMED ENG	3	26.0
MATH/COMPUTER SCIENCE	2	24.5	CERAMIC ENGINEERING	0	0.0
COMPUTER & INFO SCI, GEN	51	21.9	CHEMICAL ENGINEERING	7	25.3
CROSS-DISC STUDIES	(1)	(26.0)	CIVIL ENGINEERING	15	22.6
AREA & ETHNIC STUDIES	0	0.0	COMPUTER ENGINEERING	4	22.3
LIBERAL ARTS/GEN STUDIES	1	26.0	CONSTRUCTION ENG/MGMT	0	0.0
MULTI-/INTERDISC STUDIES	0	0.0	ELECTRCL & ELECTRONIC ENG	13	25.4
CROSS-DISC STUDIES, GEN	0	0.0	ENGINEERING MANAGEMENT	0	0.0
EDUCATION	(159)	(20.6)	ENGINEERING PHYSICS	0	0.0
ADULT & CONTINUING EDUC	0	0.0	ENGINEERING SCIENCE	0	0.0
EDUCATION ADMINISTRATION	0	0.0	ENVIRONMENTAL HEALTH ENG	1	22.0
ELEMENTARY EDUCATION	69	20.7	GEOLOGICAL & GEOPHYS ENG	0	0.0
JR HIGH/MIDDLE SCH EDUC	8	21.1	INDUSTRIAL ENGINEERING	1	16.0
PRE-ELEMENTARY EDUCATION	10	18.6	MATERIALS ENGINEERING	0	0.0
SECONDARY EDUCATION	17	21.0	MECHANICAL ENGINEERING	26	24.7
STUDENT COUNSELING	0	0.0	METALLURGICAL ENGINEERING	0	0.0
TEACHER AIDE	0	0.0	MINING & MINERAL ENG	0	0.0
EDUCATION, GENERAL	55	20.7	NAVAL ARCHIT & MARINE ENG	0	0.0
TEACHER EDUCATION	(118)	(20.6)	NUCLEAR ENGINEERING	0	0.0
AGRICULTURAL EDUCATION	4	19.8	OCEAN ENGINEERING	1	17.0
ART EDUCATION	4	23.0	PETROLEUM ENGINEERING	5	22.0
BUSINESS EDUCATION	1	26.0	SYSTEMS ENGINEERING	0	0.0
ENGLISH EDUCATION	6	23.5	ENGINEERING, GENERAL	70	23.2
FOREIGN LANGUAGES EDUC	2	18.5	ENGINEERING-RELATED TECH	(98)	(22.3)
HEALTH EDUCATION	1	17.0	AERONAUTICAL TECHNOLOGY	4	26.3
HUMAN, FAM/CONS SCI EDUC	1	20.0	AC, HEATING, REFRIG TECH	0	0.0
INDUSTRIAL ARTS EDUCATION	0	0.0	ARCHITECTURAL DESIGN TECH	6	22.5
MATHEMATICS EDUCATION	2	21.0	BIOMEDICAL EQUIPMENT TECH	1	16.0
MUSIC EDUCATION	18	22.8	CIVIL ENGINEERING TECH	6	23.0
PHYSICAL EDUCATION	20	18.7	COMPUTER ENGINEERING TECH	1	30.0
SCIENCE EDUCATION	2	24.5	CONSTRUCTION/BLDG TECH	2	21.0
SOC STUDIES/SOC SCI EDUC	4	19.8	DRAFTING & DESIGN TECH	2	20.5
SPECIAL EDUCATION	6	22.2	ELECTRICAL ENG TECHNOLOGY	6	19.3
SPEECH CORRECTION EDUC	0	0.0	ELECTRONIC ENG TECHNOLOGY	4	23.5
TEACHING ENGL AS 2ND LANG	0	0.0	ELECTROMECHAN INSTR TECH	1	17.0
TECH/TRADE & IND ED	0	0.0	ENVIRONMENTAL CONTRL TECH	0	0.0
TEACHER EDUCATION, OTHER	4	20.0	INDUSTRIL PRODUCTION TECH	0	0.0
TEACHER EDUCATION, GEN	43	19.7			

STATE COMPOSITE FOR
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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	(21)	(18.7)
MANUFACTURING TECHNOLOGY	0	0.0	CHILD DEV, CARE, GUIDANCE	2	15.0
MECHANICAL ENG TECH	12	22.1	CHILD CARE AIDE/ASSISTING	1	16.0
MINING & PETROLEUM TECH	0	0.0	CULINARY ARTS	8	18.1
OCCUPATL SFTY & HLTH TECH	0	0.0	FAMILY/CONS RESOURCE MGMT	0	0.0
SURVEYING & MAPPING TECH	1	23.0	FASHION DESIGN	0	0.0
ENGINEERING TECH, OTHER	5	22.0	FOOD PRODUCTN, MGMT, SVCS	0	0.0
ENGINEER-RELATD TECH, GEN	47	22.5	FOOD SCI & NUTR/DIETETICS	0	0.0
FOREIGN LANGUAGES	(19)	(22.3)	HUMAN ENVIRON & HOUSING	0	0.0
ASIATIC LANGUAGES	3	23.3	INDIVIDUAL & FAMILY DEVEL	1	19.0
CLASSICAL LANGUAGES	1	25.0	TEXTILES AND CLOTHING	0	0.0
FRENCH	3	25.3	HUMAN, FAM/CONS SCI, GEN	9	20.2
GERMAN	1	27.0	LETTERS	(25)	(25.3)
ITALIAN	0	0.0	CLASSICS	0	0.0
MIDDLE EASTERN LANGUAGES	0	0.0	COMPARATIVE LITERATURE	0	0.0
RUSSIAN	1	18.0	CREATIVE WRITING	12	24.8
SPANISH	4	21.0	ENGLISH, GENERAL	10	25.8
FOREIGN LANGUAGES, OTHER	1	18.0	LINGUISTICS	0	0.0
FOREIGN LANGUAGES, GEN	5	21.2	LITERATURE, ENGLISH/AMER	0	0.0
HEALTH SCI & ALLIED HLTH	(634)	(21.3)	SPEECH & RHETORICAL STUDY	0	0.0
CHIROPRACTIC	6	21.7	LETTERS, GENERAL	3	25.3
DENTAL ASSISTING	0	0.0	MATHEMATICS	(6)	(26.7)
DENTAL HYGIENE	17	19.2	ACTUARIAL SCIENCES	0	0.0
DENTAL LAB/TECHNOLOGY	0	0.0	APPLIED MATHEMATICS	0	0.0
DENTISTRY	16	22.6	STATISTICS	0	0.0
EMERG MED TECH/PARAMEDIC	4	20.0	MATHEMATICS, GENERAL	6	26.7
HEALTH CARE ADMIN	0	0.0	PHILOS, RELIG & THEOLOGY	(22)	(21.8)
MEDICAL/SURG ASSISTING	9	18.9	BIBLE STUDIES	4	21.8
MEDICAL LAB/TECHNOLOGY	4	20.0	PHILOSOPHY	2	27.0
MED RECORDS ADMIN/TECH	0	0.0	RELIGION	2	23.5
MEDICINE	73	22.9	RELIGIOUS EDUCATION	3	19.7
MNTL HLTH & HUM SVCS/TECH	0	0.0	RELIGIOUS MUSIC	1	25.0
NUCLEAR MEDICINE TECH	0	0.0	THEOLOGY	1	25.0
NURSING (PRACTICAL)	9	18.3	PHILOS, RELIG & THEOL, GEN	9	20.2
NURSING (REGISTERED)	65	20.0			
OCCUPATNL THERAPY/ASSIST	9	21.0			
OPTOMETRY	6	22.5			
PHARMACY	36	21.9			
PHYSICIAN ASSISTING	6	23.8			
PHYSICAL THERAPY/ASSIST	66	20.6			
RADIOLOGY/RADIOLOGIC TECH	13	18.3			
REC/ART/MUSIC THERAPY	5	19.8			
RESPIRATORY THERAPY/TECH	2	15.5			
SPEECH PATHOL/AUDIOLOGY	0	0.0			
VETERINARIAN ASSISTING	3	18.7			
VETERINARY MEDICINE	28	23.4			
HEALTH SCI & ALLIED, GEN	257	21.5			

STATE COMPOSITE FOR
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TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL) (	170)	(22.5)	VISUAL/PERFORM ARTS (	230)	(21.5)
ASTRONOMY	9	20.4	APPLIED DESIGN/CRAFTS	1	19.0
ATMOSPHER SCI & METEOROL	2	23.5	ART	22	20.1
BIOCHEMISTRY & BIOPHYSICS	7	23.7	ART HIST & APPRECIATION	0	0.0
BIOLOGY	31	22.4	CINEMATOGRAPHY/FILM/VIDEO	14	23.6
BOTANY	1	22.0	DANCE	7	20.6
CHEMISTRY	16	26.3	DESIGN, GENERAL	6	21.0
EARTH SCIENCE	3	17.3	DRAMA/THEATRE ARTS	16	23.4
ECOLOGY/ENV STUDIES	5	22.0	FINE ARTS, GENERAL	3	28.0
GEOLOGY	4	20.3	GRAPHIC ARTS TECHNOLOGY	9	19.9
MICROBIOLOGY	6	23.3	GRAPHIC DESIGN	15	20.5
OCEANOGRAPHY	7	22.0	MUSIC (LIBERAL ARTS)	9	25.3
PHYSICS	4	26.0	MUSIC PERFORMANCE	14	22.5
ZOOLOGY	10	19.7	MUSIC THEORY & COMPOSIT	6	23.5
SCIENCES (BIO & PHYS), GEN	65	22.4	PHOTOGRAPHY	12	18.2
			VISUAL/PERFORM ARTS, GEN	96	21.2
SOCIAL SCIENCES (	227)	(22.5)	UNDECIDED (	438)	(21.5)
ANTHROPOLOGY	8	23.0			
ECONOMICS	0	0.0			
GEOGRAPHY	0	0.0			
HISTORY	18	23.4			
INTERNATIONAL RELATIONS	6	25.0			
LAW	57	22.3			
PARALEGAL/LEGAL ASSISTING	2	19.5			
POLITICAL SCI/GOVERNMENT	15	24.3			
PSYCHOLOGY	57	21.5			
SOCIOLOGY	6	25.2			
URBAN STUDIES	0	0.0			
SOCIAL SCIENCES, GENERAL	58	22.5			
TRADE & INDUSTRIAL (	91)	(18.5)			
AIRCRAFT TECHNICIAN	3	18.0			
AIRPLANE PILOTING & NAVIG	8	20.1			
AUTOMOTIVE BODY REPAIR	5	18.4			
AUTOMOTIVE TECHNOLOGY	11	18.3			
AVIATION MANAGEMENT	1	19.0			
COMPUTER ELECTRNCS/REPAIR	0	0.0			
CONSTRCT TRADES & CARPENT	3	20.0			
DIESEL MECHANICS & TECH	8	19.0			
DRAFTING	2	21.5			
ELECTRICAL EQUIP REPAIR	2	14.0			
HEATING, AC, REFRIG MECH	0	0.0			
MACHINE TECHNOLOGY	2	19.5			
MECHANICAL DRAFTING	0	0.0			
WELDING & WELDING TECH	13	18.5			
TRADE & INDUSTRIAL, GEN	33	18.0			

TABLE 14 AVERAGE ACT COMPOSITE SCORE BY CAREER CLUSTERS

REFERENCE GROUP	TOTAL		CORE OR MORE		LESS THAN CORE		MALES		FEMALES	
	NUMBER	AVG	NUMBER	AVG	NUMBER	AVG	NUMBER	AVG	NUMBER	AVG
<u>PLAN ON 2-YEARS OR LESS OF COLLEGE</u>										
ADMIN & SALES (02-03)	10	17.3	7	17.9	3	16.0	1	18.0	9	17.2
BUSINESS OPER (04-05)	23	18.9	9	20.6	14	17.9	9	18.7	13	18.6
TECHNICAL (06-07)	90	18.2	31	19.6	56	17.4	62	18.3	28	17.8
SCIENCE & TECH (08-09)	58	19.1	21	20.4	35	18.1	33	19.3	25	18.8
ARTS (10-11)	31	17.9	4	19.0	27	17.8	10	17.8	21	18.0
SOCIAL SERVICE (12-01)	12	17.4	4	18.8	8	16.8	3	16.7	9	17.7
OTHER*	85	18.5	29	19.9	51	17.9	40	18.4	44	18.6
TOTAL	309	18.4	105	19.8	194	17.7	158	18.5	149	18.2
<u>PLAN ON 4-YEARS OR MORE OF COLLEGE</u>										
ADMIN & SALES (02-03)	203	21.3	125	21.8	77	20.6	62	22.9	137	20.6
BUSINESS OPER (04-05)	225	21.5	138	22.1	86	20.5	99	21.4	124	21.6
TECHNICAL (06-07)	479	21.5	273	22.3	197	20.4	319	21.3	156	21.8
SCIENCE & TECH (08-09)	644	22.1	415	22.8	222	20.8	322	22.0	316	22.3
ARTS (10-11)	396	22.3	234	23.2	156	21.1	106	22.4	287	22.4
SOCIAL SERVICE (12-01)	254	21.6	153	22.3	98	20.5	62	22.2	192	21.4
OTHER*	917	21.6	553	22.4	320	20.4	390	21.7	521	21.5
TOTAL	3118	21.8	1891	22.5	1156	20.6	1360	21.8	1733	21.8

* 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	1392	3.22	3.10	3.37	3.23	3.23	0.60
FEMALE	1844	3.51	3.22	3.54	3.39	3.41	0.55
NO RESPONSE	22	3.33	3.04	3.51	3.14	3.27	0.43
AFRICAN-AMERICAN/BLACK	15	3.11	2.79	3.06	3.17	3.06	0.57
CAUCASIAN-AMERICAN/WHITE	2766	3.40	3.19	3.48	3.34	3.35	0.58
OTHER MINORITY	241	3.27	3.01	3.37	3.19	3.21	0.60
MISSING/PREFER NO RESP	236	3.32	3.10	3.45	3.28	3.29	0.57
TOTAL	3258	3.38	3.17	3.47	3.32	3.33	0.58

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 53, THIS MEANS THAT 53% 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 45 PERCENT OF STUDENTS SCORED BELOW 21.

TABLE 4 EXAMPLE

STD SCORE	ACT COMPOSITE	
	FREQ	CP
36	0	99
35	1	99
34	5	99
33	12	99
32	26	99
31	37	99
30	67	98
29	68	96
28	111	94
27	142	92
26	195	88
25	259	83
24	246	76
23	298	70
22	328	62
21	344	53 <-- 53% OF THE STUDENTS SCORE AT OR BELOW 21
20	349	45 <-- 45% OF THE STUDENTS SCORE BELOW 21
19	309	35
18	291	27
17	288	20
16	197	12
15	131	7
14	91	4
13	47	2
12	12	1
11	2	1
10	1	1
9	0	1
8	0	1
7	0	1
6	0	1
5	0	1
4	0	1
3	0	1
2	0	1
1	0	1

