

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

**STATE COMPOSITE FOR
ALASKA**

CODE 020-000

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	1001	628 41/ 26	22.7/19.8	23.7/20.4	24.4/21.4	23.2/20.9	23.6/20.7
2001-02	902	608 39/ 26	23.0/20.3	24.2/20.7	24.7/21.9	23.5/21.2	23.9/21.1
2002-03	860	684 37/ 29	23.0/20.2	24.1/20.4	24.5/21.9	23.0/20.6	23.8/20.9
2003-04	827	595 38/ 27	23.0/20.3	24.0/20.7	24.6/22.1	23.2/20.9	23.8/21.1
2004-05	678	590 34/ 30	23.8/20.6	24.1/20.9	25.1/22.3	23.5/21.2	24.2/21.4

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
2000-01	2451	20.0	21.1	21.4	21.0	21.0
2001-02	2300	20.2	21.4	21.8	21.2	21.3
2002-03	2344	20.2	21.3	21.8	20.8	21.1
2003-04	2167	20.4	21.4	22.1	21.1	21.3
2004-05	1977	20.5	21.3	22.0	21.1	21.3

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
Q3 (75TH PERCENTILE)	25.1	25.5	27.1	24.4	25.4
Q2 (50TH PERCENTILE - MEDIAN)	20.6	20.7	22.3	21.2	21.5
Q1 (25TH PERCENTILE)	15.8	16.9	16.5	17.8	17.1

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

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

	AFRI-AM/ BLACK AVERAGE	AM IND, ALSK NTV AVERAGE	CAUC-AM/ WHITE AVERAGE	MEX-AM/ CHICANO AVERAGE	ASIAN-AM, PAC ISLDR AVERAGE	P RICAN, HISPANIC AVERAGE
CORE OR MORE	(N= 6)	(N= 40)	(N= 491)	(N= 5)	(N= 50)	(N= 7)
ENGLISH	16.2	20.2	24.2	19.4	22.3	23.9
USAGE/MECH	7.7	10.2	12.6	9.4	11.6	12.3
RHET SKILLS	8.5	10.3	12.4	10.0	11.2	12.1
MATHEMATICS	20.3	21.0	24.4	21.8	24.1	25.1
PRE/ELEM-ALG	10.8	11.3	13.2	11.6	13.1	14.7
ALG/CRD-GEOM	10.7	10.1	12.3	11.2	12.3	11.7
PLANE GEOM/TRIG	10.0	10.9	12.2	10.8	12.0	12.9
READING	19.0	21.2	25.7	21.4	23.3	26.7
SOC STU/SCI	11.0	10.1	13.1	12.0	12.1	13.0
ARTS/LITERATURE	8.5	11.7	13.4	10.2	11.7	14.9
SCIENCE	18.7	20.5	23.8	22.0	23.1	25.4
COMPOSITE	18.7	20.8	24.6	21.2	23.4	25.3
LESS THAN CORE	(N= 18)	(N= 55)	(N= 395)	(N= 13)	(N= 28)	(N= 7)
ENGLISH	16.7	18.7	21.2	16.1	20.0	18.9
USAGE/MECH	7.8	9.1	10.5	8.1	10.0	9.1
RHET SKILLS	8.9	9.7	11.1	7.8	10.3	10.0
MATHEMATICS	16.6	19.7	21.4	17.3	20.6	19.0
PRE/ELEM-ALG	8.3	10.1	11.4	8.6	10.4	9.9
ALG/CRD-GEOM	8.4	9.8	10.7	8.6	10.1	8.9
PLANE GEOM/TRIG	7.4	10.2	10.9	7.8	10.4	9.4
READING	17.2	19.5	23.1	17.6	21.1	22.6
SOC STU/SCI	8.7	9.5	11.7	7.8	11.0	11.0
ARTS/LITERATURE	8.2	10.3	12.0	9.8	10.6	12.4
SCIENCE	17.7	19.1	21.9	18.5	19.5	19.9
COMPOSITE	17.1	19.4	22.0	17.5	20.4	20.1
NO RESPONSE	(N= 9)	(N= 127)	(N= 198)	(N= 5)	(N= 9)	(N= 2)

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= 33)	(N= 222)	(N= 1084)	(N= 23)	(N= 87)	(N= 16)
ENGLISH	16.8	16.2	22.7	16.5	21.4	20.6
USAGE/MECH	7.9	7.8	11.5	8.0	11.0	10.4
RHET SKILLS	8.7	8.3	11.7	8.3	10.9	10.7
MATHEMATICS	17.8	18.4	22.8	18.3	22.8	21.3
PRE/ELEM-ALG	9.2	9.3	12.2	9.2	12.2	11.6
ALG/CRD-GEOM	9.1	8.8	11.4	9.1	11.4	10.1
PLANE GEOM/TRIG	8.4	9.4	11.5	8.7	11.4	10.6
READING	17.8	17.7	24.3	18.0	22.5	23.5
SOC STU/SCI	9.1	8.6	12.3	8.9	11.7	11.4
ARTS/LITERATURE	8.7	9.0	12.6	9.3	11.4	12.9
SCIENCE	18.0	17.7	22.7	19.3	21.7	21.8
COMPOSITE	17.7	17.6	23.2	18.1	22.2	21.8

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	3 23.3	34 22.4	418 25.4	6 19.5	32 24.9	5 27.6
3.00 - 3.49	8 17.5	22 19.8	210 22.2	2 18.0	27 21.3	4 21.3
2.50 - 2.99	6 15.5	10 18.3	92 20.8	3 17.3	10 18.2	1 14.0
2.00 - 2.49	3 18.0	5 19.6	31 20.2	2 14.5	2 18.5	2 20.5
1.99 & BELOW	0 0.0	4 17.0	4 20.3	0 0.0	0 0.0	0 0.0
CGPA PRED BY STUDENT						
3.5 - 4.0	6 20.7	28 21.8	374 25.6	8 20.1	31 24.5	6 27.5
3.0 - 3.4	12 17.1	70 18.4	417 22.6	6 17.2	31 21.7	7 19.6
2.5 - 2.9	6 17.2	54 17.4	87 20.2	4 16.5	10 20.1	1 21.0
2.0 - 2.4	3 15.0	36 14.9	33 18.0	1 14.0	5 17.6	1 14.0
1.9 & BELOW	0 0.0	11 12.8	9 16.7	0 0.0	0 0.0	0 0.0
HIGH SCHOOL RANK						
TOP QUARTER	7 20.9	90 19.4	541 25.0	9 19.9	40 25.1	4 28.8
2ND QUARTER	9 17.1	57 16.1	245 21.2	5 17.0	22 20.5	6 21.8
BOTTOM HALF	7 15.4	45 16.2	83 19.6	3 16.7	12 17.0	2 17.0

TABLE 3 STUDENT SATISFACTION WITH VARIOUS ASPECTS OF HIGH SCHOOL EXPERIENCE

		SATISFIED NO CHANGE NECESSARY		PRETTY MUCH NEUTRAL		DISSATISFIED IMPROVEMENT NEEDED		NO EXPER- IENCE	
		NUMBER	PCT	NUMBER	PCT	NUMBER	PCT	NUMBER	PCT
CLASSROOM INSTRUCTION	MALE	274	14	188	10	31	2	9	0
	FEMALE	396	20	259	13	61	3	16	1
	TOTAL	681	34	455	23	92	5	25	1
NO. & VARIETY OF COURSE OFFERINGS	MALE	202	10	151	8	141	7	9	0
	FEMALE	289	15	188	10	242	12	12	1
	TOTAL	494	25	347	18	390	20	21	1
GRADING PRACTICES & POLICIES	MALE	262	13	176	9	50	3	14	1
	FEMALE	377	19	269	14	71	4	13	1
	TOTAL	647	33	452	23	124	6	27	1
NO. & KINDS OF TESTS GIVEN	MALE	237	12	210	11	45	2	8	0
	FEMALE	341	17	322	16	57	3	12	1
	TOTAL	582	29	543	27	105	5	20	1
GUIDANCE SERV PROVIDED BY GUIDANCE OFFICE	MALE	228	12	157	8	73	4	43	2
	FEMALE	319	16	228	12	139	7	46	2
	TOTAL	556	28	391	20	214	11	89	5
SCHOOL RULES, REGULATIONS, & POLICIES	MALE	166	8	177	9	139	7	19	1
	FEMALE	266	13	245	12	200	10	16	1
	TOTAL	437	22	429	22	345	17	35	2
LIBRARY OR LEARNING CENTER	MALE	254	13	173	9	50	3	24	1
	FEMALE	380	19	223	11	99	5	30	2
	TOTAL	644	33	403	20	150	8	54	3
LABORATORY FACILITIES	MALE	238	12	180	9	53	3	29	1
	FEMALE	340	17	253	13	79	4	57	3
	TOTAL	586	30	439	22	136	7	86	4
PROVISIONS FOR SPECIAL HELP IN READING, MATH, ETC	MALE	172	9	160	8	48	2	121	6
	FEMALE	256	13	210	11	70	4	193	10
	TOTAL	431	22	379	19	118	6	320	16
PROVISIONS FOR ACADEMICALLY OUTSTANDING STU	MALE	244	12	146	7	60	3	50	3
	FEMALE	358	18	200	10	120	6	53	3
	TOTAL	611	31	351	18	184	9	103	5
ADEQUACY OF PROG IN CAREER EDUC & PLANNING	MALE	187	9	179	9	78	4	55	3
	FEMALE	254	13	265	13	134	7	73	4
	TOTAL	446	23	454	23	214	11	129	7

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 1977)

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	18	99	6	99	0	99
35	6	99	6	99	25	99	9	99	3	99
34	23	99	17	99	41	98	11	99	6	99
33	28	99	8	99	51	96	9	99	4	99
32	27	97	28	98	43	93	15	98	26	99
31	29	96	26	97	66	91	15	97	31	98
30	42	94	33	96	69	88	11	97	44	96
29	79	92	58	94	71	84	42	96	71	94
28	66	88	71	91	66	81	54	94	84	91
27	65	85	116	87	120	77	73	91	95	86
26	90	82	126	82	97	71	117	88	113	82
25	111	77	106	75	86	66	124	82	137	76
24	92	71	147	70	98	62	142	75	122	69
23	84	67	103	62	121	57	169	68	125	63
22	137	62	77	57	90	51	140	60	129	56
21	122	56	86	53	70	46	160	53	125	50
20	121	49	97	49	102	43	156	45	102	44
19	115	43	106	44	88	38	132	37	118	38
18	88	37	171	39	77	33	131	30	101	32
17	83	33	162	30	87	29	97	23	125	27
16	101	29	165	22	68	25	90	18	96	21
15	103	24	123	14	81	21	65	14	94	16
14	72	18	89	7	85	17	62	11	76	11
13	57	15	42	3	83	13	51	7	65	8
12	54	12	7	1	85	9	29	5	48	4
11	32	9	5	1	55	5	30	3	22	2
10	49	8	1	1	12	2	22	2	10	1
9	30	5	0	1	9	1	10	1	3	1
8	47	4	0	1	6	1	2	1	2	1
7	16	1	0	1	3	1	2	1	0	1
6	5	1	0	1	4	1	0	1	0	1
5	2	1	0	1	0	1	1	1	0	1
4	1	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	57	3	32	2	135	7	35	2	13	1
28-32	243	12	216	11	315	16	137	7	256	13
24-27	358	18	495	25	401	20	456	23	467	24
20-23	464	23	363	18	383	19	625	32	481	24
16-19	387	20	604	31	320	16	450	23	440	22
13-15	232	12	254	13	249	13	178	9	235	12
01-12	236	12	13	1	174	9	96	5	85	4

AVG(SD) 20.5(6.4) 21.3(5.2) 22.0(6.8) 21.1(5.0) 21.3(5.3)

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 = 1977)

STD SCORE	USAGE/MECH		RHET SKILLS		SOC STU/SCI		ARTS/LIT		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	
18	41	99	7	99	46	99	102	99	18
17	97	98	30	99	139	98	154	95	17
16	82	93	106	98	129	91	152	87	16
15	122	89	106	93	144	84	168	79	15
14	127	83	181	87	129	77	114	71	14
13	136	76	151	78	138	70	123	65	13
12	129	69	234	71	186	63	206	59	12
11	194	63	206	59	165	54	132	48	11
10	173	53	230	48	166	46	142	42	10
9	162	44	201	37	216	37	114	35	9
8	169	36	183	27	169	26	119	29	8
7	165	28	78	17	119	18	122	23	7
6	129	19	101	13	97	12	134	17	6
5	83	13	82	8	36	7	112	10	5
4	79	8	51	4	41	5	57	4	4
3	55	5	18	2	31	3	21	1	3
2	32	2	11	1	19	1	5	1	2
1	2	1	1	1	7	1	0	1	1
AVERAGE		10.2		10.6		11.1		11.4	
S.D.		4.0		3.3		3.8		4.2	

STD SCORE	PRE/ELEM		ALG		ALG/CRD-GEOM		PLN GEOM/TRIG		STD SCORE	
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP		
18		54	99		9	99		12	99	18
17		87	97		26	99		16	99	17
16		139	93		56	98		69	99	16
15		143	86		71	95		95	95	15
14		184	79		200	92		178	90	14
13		183	69		163	82		206	81	13
12		143	60		278	73		237	71	12
11		153	53		198	59		220	59	11
10		177	45		203	49		318	48	10
9		140	36		349	39		195	32	9
8		235	29		111	21		155	22	8
7		186	17		123	16		115	14	7
6		109	8		79	10		79	8	6
5		26	2		31	6		35	4	5
4		10	1		62	4		24	2	4
3		8	1		10	1		12	1	3
2		0	1		3	1		6	1	2
1		0	1		5	1		5	1	1
AVERAGE			11.2			10.5			10.7	
S.D.			3.5			3.0			3.0	

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

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

GROUP	NUMBER OF STUDENTS	ENGLISH		MATH		READING		SCIENCE		COMPOSITE	
		AVERAGE	SD	AVERAGE	SD	AVERAGE	SD	AVERAGE	SD	AVERAGE	SD
MALES	846	19.6	6.3	21.8	5.4	21.2	6.7	21.5	5.2	21.1	5.4
FEMALES	1101	21.1	6.4	20.9	5.0	22.6	6.7	20.7	4.9	21.5	5.3
NO RESPONSE	30	21.1	5.4	21.3	4.6	22.7	6.5	22.0	5.3	21.9	4.9

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

SCORE RANGE	M		F		M		F		M		F	
	M	F	M	F	M	F	M	F	M	F	M	F
33-36	2	4	2	1	5	8	2	1	0	1		
28-32	9	15	12	10	14	17	9	6	12	14		
24-27	17	20	25	25	19	21	23	23	23	24		
20-23	24	23	20	17	22	18	33	30	26	23		
16-19	22	18	27	33	16	17	20	25	21	23		
13-15	13	11	12	14	13	12	8	10	13	12		
01-12	14	10	1	0	11	7	5	5	5	4		

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	243	18	24.0	5	17	8	11	169	23	61	12
GOOD	548	41	22.8	8	27	33	46	320	43	187	37
AVERAGE	315	23	20.4	14	47	20	28	124	17	157	31
BELOW AVERAGE	49	4	19.7	0	0	2	3	14	2	33	6
VERY INADEQUATE	67	5	21.0	3	10	3	4	37	5	24	5
NO RESPONSE	126	9	22.4	0	0	5	7	73	10	48	9
NO. OF STUDENTS	1348			30		71		737		510	

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	1977	20.5	6.4	21.3	5.2	22.0	6.8	21.1	5.0	21.3	5.3
COLLEGE CORE											
E4, M3, SS3, NS3	678	23.8	5.2	24.1	4.6	25.1	5.6	23.5	4.3	24.2	4.2
In between	348	20.6	5.6	20.6	4.5	22.3	6.2	21.0	4.4	21.2	4.6
E4, M2, SS2, NS2	242	20.5	5.7	21.4	5.3	22.3	6.3	21.4	4.9	21.5	5.0
No Response	709	17.3	6.4	19.0	4.7	18.9	6.8	18.7	4.9	18.6	5.2
HS GPA RANGES											
3.50 - 4.00	565	24.7	5.0	25.0	4.4	26.3	5.3	24.1	4.1	25.1	3.9
3.00 - 3.49	300	21.1	5.1	21.4	4.7	22.5	5.7	21.5	4.6	21.7	4.4
2.50 - 2.99	138	19.4	4.3	19.3	3.7	20.6	5.4	20.2	3.9	20.0	3.7
2.00 - 2.49	53	17.4	5.4	18.6	4.6	19.6	5.3	19.1	5.0	18.8	4.5
1.99 & below	8	18.1	4.1	17.5	1.5	18.6	3.7	19.5	3.8	18.6	2.8

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	174	9	3.52	22.0	22.6
ENG 9, ENG 10, ENG 11, ENG 12	917	46	3.50	22.5	23.1
LESS THAN 4 YEARS OF ENGLISH	171	9	3.29	21.3	22.4
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	715	36	- . -	17.3	18.6
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	170	9	3.58	26.3	25.6
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	86	4	3.44	24.5	24.7
ALG 1, ALG 2, GEOM, TRIG	127	6	3.33	22.8	22.9
ALG 1, ALG 2, GEOM, OTHER ADV MATH	97	5	3.16	21.9	22.8
ALG 1, ALG 2, GEOM	230	12	2.92	19.3	20.5
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	268	14	3.56	25.6	25.4
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	50	3	3.12	21.4	21.5
LESS THAN 3 YEARS OF MATH	214	11	2.69	19.3	19.9
NO MATH COURSE/GRADE INFORMATION REPORTED	735	37	- . -	19.1	18.7
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	32	2	3.58	22.4	21.7
US HIST, WORLD HIST, AM GOVT	101	5	3.55	23.6	22.7
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	494	25	3.55	24.2	23.3
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	410	21	3.51	24.0	23.0
LESS THAN 3 YEARS OF SOC SCI	204	10	3.36	23.2	22.2
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	736	37	- . -	19.0	18.7
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	304	15	3.57	23.8	24.6
BIOLOGY, CHEMISTRY, PHYSICS	173	9	3.64	25.0	25.8
GEN SCIENCE, BIOLOGY, CHEMISTRY	339	17	3.34	21.5	22.2
OTHER COMBINATIONS OF 3 YEARS NAT SCI	44	2	3.41	21.9	21.9
LESS THAN 3 YEARS OF NAT SCI	364	18	3.16	20.8	20.8
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	753	38	- . -	19.0	18.9

STATE COMPOSITE FOR
ALASKATABLE 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	80	9	3.41	21.0	22.4
ENG 9, ENG 10, ENG 11, ENG 12	363	43	3.33	21.4	22.8
LESS THAN 4 YEARS OF ENGLISH	68	8	3.24	20.8	22.7
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	335	40	- . -	17.1	18.7
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	76	9	3.53	26.6	25.2
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	28	3	3.14	25.2	23.9
ALG 1, ALG 2, GEOM, TRIG	54	6	3.24	23.6	22.6
ALG 1, ALG 2, GEOM, OTHER ADV MATH	27	3	2.97	22.2	22.3
ALG 1, ALG 2, GEOM	76	9	2.91	19.8	20.3
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	124	15	3.50	26.5	25.5
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	27	3	2.97	21.1	20.5
LESS THAN 3 YEARS OF MATH	87	10	2.61	19.6	19.8
NO MATH COURSE/GRADE INFORMATION REPORTED	347	41	- . -	19.4	18.7
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	13	2	3.64	21.3	21.3
US HIST, WORLD HIST, AM GOVT	34	4	3.38	22.1	22.3
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	182	22	3.48	23.7	23.7
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	180	21	3.38	23.4	22.9
LESS THAN 3 YEARS OF SOC SCI	88	10	3.33	21.4	21.3
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	349	41	- . -	18.7	18.8
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	140	17	3.54	24.4	24.7
BIOLOGY, CHEMISTRY, PHYSICS	71	8	3.58	25.8	25.5
GEN SCIENCE, BIOLOGY, CHEMISTRY	106	13	3.16	21.9	21.9
OTHER COMBINATIONS OF 3 YEARS NAT SCI	21	2	3.27	23.2	22.7
LESS THAN 3 YEARS OF NAT SCI	151	18	3.06	21.2	20.4
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	357	42	- . -	19.3	18.9

STATE COMPOSITE FOR
ALASKATABLE 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	92	8	3.63	22.8	22.9
ENG 9, ENG 10, ENG 11, ENG 12	534	49	3.60	23.3	23.2
LESS THAN 4 YEARS OF ENGLISH	103	9	3.31	21.6	22.1
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	372	34	- . -	17.4	18.5
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	92	8	3.63	26.0	25.9
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	56	5	3.57	24.1	25.0
ALG 1, ALG 2, GEOM, TRIG	70	6	3.41	22.2	23.1
ALG 1, ALG 2, GEOM, OTHER ADV MATH	68	6	3.23	21.7	22.9
ALG 1, ALG 2, GEOM	146	13	2.91	19.1	20.6
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	141	13	3.61	24.9	25.4
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	21	2	3.29	21.8	22.9
LESS THAN 3 YEARS OF MATH	127	12	2.74	19.0	20.0
NO MATH COURSE/GRADE INFORMATION REPORTED	380	35	- . -	18.7	18.6
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	18	2	3.51	22.8	21.5
US HIST, WORLD HIST, AM GOVT	63	6	3.61	24.4	22.9
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	302	27	3.58	24.4	23.1
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	225	20	3.60	24.6	23.2
LESS THAN 3 YEARS OF SOC SCI	114	10	3.37	24.4	22.8
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	379	34	- . -	19.2	18.6
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	162	15	3.59	23.3	24.5
BIOLOGY, CHEMISTRY, PHYSICS	100	9	3.69	24.4	26.0
GEN SCIENCE, BIOLOGY, CHEMISTRY	226	21	3.41	21.2	22.3
OTHER COMBINATIONS OF 3 YEARS NAT SCI	22	2	3.55	21.0	21.3
LESS THAN 3 YEARS OF NAT SCI	203	18	3.23	20.5	21.1
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	388	35	- . -	18.6	18.8

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	9	21.3	33	33	1	0	1	1	1	1
ARCH & ENVIR DESIGN	34	21.8	41	50	3	4	2	2	3	3
BUSINESS & MGMT	86	20.8	34	50	6	6	7	7	7	7
BUSINESS & OFFICE	7	18.3	43	29	0	0	1	1	1	1
MARKETING & DISTRIBUTION	7	20.0	43	14	0	0	1	1	1	1
COMMUNICATION & COMM TEC	34	23.7	32	62	2	2	3	3	3	3
COMMUNITY & PRSNL SVCS	28	17.6	54	36	2	3	3	3	2	3
COMPUTER & INFO SCI	44	22.5	32	61	7	8	1	1	4	4
CROSS-DISC STUDIES	7	22.7	29	71	0	0	1	0	1	0
EDUCATION	71	20.5	38	48	3	2	8	9	6	6
TEACHER EDUCATION	24	22.0	38	46	1	3	3	3	2	3
ENGINEERING	88	22.8	27	57	16	15	2	2	7	7
ENGINEERING-RELATED TECH	54	23.2	22	61	9	9	1	2	4	5
FOREIGN LANGUAGES	14	22.6	29	50	1	1	1	1	1	1
HEALTH SCI & ALLIED HLTH	200	21.4	44	42	8	9	23	24	16	18
HUMAN, FAMILY/CONS SCI	17	18.6	35	47	1	2	2	2	1	2
LETTERS	15	25.5	27	60	0	0	2	2	1	1
MATHEMATICS	9	27.6	22	56	1	1	1	0	1	0
PHILOS, RELIG & THEOL	2	23.5	50	0	0	0	0	1	0	1
SCI (BIOL & PHYSICAL)	98	25.3	32	49	6	6	9	8	8	7
SOCIAL SCIENCES	102	23.6	36	52	8	7	9	9	8	8
TRADE & INDUSTRIAL	34	17.6	47	44	6	8	1	1	3	4
VISUAL & PERFORM ARTS	64	22.0	42	42	3	4	7	8	5	6
UNDECIDED	170	21.5	6	11	15	11	13	10	14	11
NO RESPONSE	759									

NUMBER OF STUDENTS - 1977

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	101	18.8	5	AFRICAN-AMER/BLACK	33	17.7	2
COLL PREP	737	24.1	37	AM INDIAN,ALASKAN NTV	222	17.6	11
OTHER/GENERAL/NO RESP	1139	19.8	58	CAUCASIAN-AMER/WHITE	1084	23.2	55
REQUEST ASSISTANCE WITH				MEXICAN-AMER/CHICANO	23	18.1	1
ED/OCCUP PLANS	608	22.3	31	ASIAN-AMER,PACIFIC ISL	87	22.2	4
EXPR IDEAS IN WRITING	286	20.4	14	PUERTO RICAN,HISPANIC	16	21.8	1
READING/COMPREHENSION	317	19.5	16	OTHER	35	18.9	2
STUDY SKILLS	521	20.5	26	MULTIRACIAL	35	22.0	2
MATH SKILLS	516	19.7	26	PREFER NOT TO RESPOND	44	23.2	2
PERSONAL CONCERNS	146	19.4	7	NO RESPONSE	398	18.5	20
EXPRESSED FIN NEED				ESTIMATED FAMILY INCOME			
NEED FINANCIAL AID	1262	22.3	64	LESS THAN \$18,000	91	18.6	5
NEED TO FIND WORK	1036	21.8	52	ABOUT \$18,000-\$24,000	70	19.0	4
SPECIAL COLLEGE PROG				ABOUT \$24,000-\$30,000	57	20.2	3
INDEP STUDY	573	22.9	29	ABOUT \$30,000-\$36,000	57	20.5	3
HONORS COURSES	515	24.7	26	ABOUT \$36,000-\$42,000	83	20.8	4
ADV PLACEMENT IN COLL				ABOUT \$42,000-\$50,000	100	22.7	5
ENGLISH	490	24.5	25	ABOUT \$50,000-\$60,000	134	22.9	7
MATH	412	24.5	21	ABOUT \$60,000-\$80,000	202	22.7	10
SOCIAL STUDIES	357	24.4	18	ABOUT \$80,000-\$100,000	172	23.1	9
NATURAL SCIENCE	321	24.8	16	MORE THAN \$100,000	230	24.0	12
FOREIGN LANG	303	23.4	15	NO RESPONSE	781	20.1	40
MAX YEARLY COLL TUITION				HS CLASS RANK			
\$1000 & UNDER	27	15.8	1	TOP QTR	768	24.2	39
\$1001 - \$2000	37	18.7	2	2ND QTR	395	20.2	20
\$2001 - \$4000	135	19.3	7	3RD QTR	140	18.1	7
\$4001 - \$7500	240	22.2	12	4TH QTR	26	17.2	1
\$7501 & OVER	113	21.5	6	NO RESPONSE	648	19.5	33
NO PREFERENCE	758	22.9	38	EDUC DEG ASPIRATION			
NO RESPONSE	667	20.0	34	VOC-TECH	23	16.1	1
MOST RECENTLY TESTED				2YR COL DEGREE	69	17.1	3
SOPHOMORE	30	20.5	2	BACHELORS DEGREE	613	21.3	31
JUNIOR	652	22.3	33	GRAD STUDY	332	23.6	17
SENIOR	1253	20.9	63	PROF LEVEL DEGREE	380	23.8	19
OTHER/NO RESPONSE	42	20.3	2	OTHER	33	18.4	2
COLLEGE CORE PREPARATION				NO RESPONSE	527	19.3	27
CORE OR MORE	678	24.2	34	NUMBER OF STUDENTS			
LESS THAN CORE	590	21.4	30	HOME SCHOOLED	15	22.3	1
NO RESPONSE	709	18.6	36	EARNED A GED	2	19.5	0
				ALL STUDENTS	1977	21.3	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	
0137 U OF ALASKA-ANCHRAGE	AK	606	291	315	7	20	30	21	13	8	0	
0064 U OF ALASKA FAIRBNKS	AK	467	244	223	8	22	25	24	15	5	0	
0153 UNIV OF ALASKA-SE	AK	90	21	69	13	30	22	19	12	3	0	
0062 ALASKA PACIFIC UNIV	AK	87	23	64	13	21	30	18	9	9	0	
4484 UNIV OF WASHINGTON	WA	84	13	71	1	5	23	21	35	15	0	
4490 WESTERN WASHINGTON U	WA	62	18	44	2	2	13	23	31	31	0	
4266 BRIGHAM YOUNG UNIV	UT	59	45	14	0	5	5	37	29	24	0	
4482 WASHINGTON STATE U	WA	49	12	37	2	2	12	29	43	10	2	
3498 UNIVERSITY OF OREGON	OR	48	6	42	0	2	19	21	29	27	2	
0926 BRIGHAM YOUNG-IDAHO	ID	47	13	34	0	6	6	36	28	23	0	
2420 MT ST UNIV-BOZEMAN	MT	47	16	31	2	4	9	30	43	13	0	
0650 KUSKOKWIM COLLEGE	AK	46	10	36	30	48	15	7	0	0	0	
0928 UNIVERSITY OF IDAHO	ID	46	15	31	2	2	15	30	24	26	0	
0902 U HAWAII-MANOA	HI	45	12	33	2	7	29	31	22	9	0	
3482 OREGON STATE UNIV	OR	41	10	31	2	2	12	39	27	17	0	
4458 GONZAGA UNIVERSITY	WA	37	12	25	0	11	27	22	24	16	0	
0088 ARIZONA STATE UNIV	AZ	34	9	25	3	6	21	15	35	21	0	
2494 U NEVADA-RENO	NV	32	8	24	0	9	25	31	25	9	0	
0074 SHELDON JACKSON COLL	AK	30	3	27	23	33	30	13	0	0	0	
4454 EASTERN WASHINGTON U	WA	30	9	21	0	3	30	27	30	10	0	
7000 UNLISTED INSTITUTION	IA	30	6	24	27	33	17	20	3	0	0	
0510 FORT LEWIS COLLEGE	CO	28	10	18	7	32	39	18	4	0	0	
4476 SEATTLE PACIFIC UNIV	WA	28	5	23	7	0	11	29	36	18	0	
0504 COLORADO STATE UNIV	CO	27	9	18	0	0	11	15	48	22	4	
9999 NCAA CLEARINGHOUSE	IA	27	15	12	0	0	19	37	26	19	0	
0532 U OF CO-BOULDER	CO	26	5	21	0	4	12	19	42	23	0	
0434 STANFORD UNIVERSITY	CA	25	9	16	0	0	8	12	32	48	0	
0072 MATANUSKA-SUSITNA C	AK	24	2	22	13	21	21	25	17	4	0	
0900 HAWAII PACIFIC UNIV	HI	24	2	22	8	25	25	21	13	8	0	
0904 U OF HAWAII HILO	HI	22	3	19	9	5	27	32	27	0	0	
2422 UNIV OF MONTANA	MT	21	5	16	0	0	14	29	29	29	0	
3492 PORTLAND STATE UNIV	OR	21	5	16	5	5	14	38	33	5	0	
0086 NORTHERN ARIZONA U	AZ	20	8	12	0	0	40	20	30	10	0	
2496 U NEVADA-LAS VEGAS	NV	19	2	17	0	21	47	11	16	5	0	
3496 SOUTHERN OREGON U	OR	19	6	13	5	5	16	37	32	5	0	
ALL OTHER INSTITUTIONS		1997	470	1527	3	8	19	24	26	19	1	
TOTALS		4345	1352	2993	5	12	21	24	23	15	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	(9)	(21.3)	BUSINESS & OFFICE	(7)	(18.3)
AGRICULTURAL BUSINESS	0	0.0	BOOKKEEPING/ACCT TECH	2	16.5
AGRICULTURAL ECONOMICS	0	0.0	BUSINESS DP/COMPUTER OPER	0	0.0
AGRICULTURAL MECHANICS	0	0.0	COURT REPORTING	0	0.0
AGRI PRODUCTION/TECH	0	0.0	OFFICE SUPERVISION & MGMT	1	13.0
AGRONOMY	0	0.0	SECRETARIAL	2	19.5
ANIMAL SCIENCES	2	27.5	TYPING & GENERAL OFFICE	0	0.0
FARM & RANCH MANAGEMENT	0	0.0	WORD PROCESSING	0	0.0
FISH, GAME, WILDLIFE MGMT	0	0.0	BUSINESS & OFFICE, GEN	2	21.5
FOOD SCIENCES/ENGINEERING	0	0.0			
FORESTRY & RELATED SCI	2	18.0	MARKETING & DISTRIBUTION	(7)	(20.0)
HORTICULTURE/ORNMENTAL HORT	0	0.0	FASHION MERCHANDISING	3	17.0
NATURAL RESOURCES MGMT	1	21.0	RETAILING & SALES	0	0.0
AGRICULTURE & AG TECH, GEN	4	20.0	TRAVEL SERVICES & TOURISM	0	0.0
			MARKETING & DISTRIB, GEN	4	22.3
ARCH & ENVIR DESIGN	(34)	(21.8)			
ARCHITECTURAL DRAFTING	3	17.3	COMMUNICATIONS & COMM TECH	(34)	(23.7)
ARCHITECTURE	7	21.4	ADVERTISING	3	26.3
BLDG CON/CONSTRUCTION SCI	1	19.0	GRAPHIC/COMMERCIAL ART	1	26.0
CITY, COMM & REG PLANNING	0	0.0	GRAPHIC & PRINT COMMUNIC	0	0.0
ENVIRONMENTAL DESIGN	1	30.0	JOURNALISM	8	23.9
INTERIOR DESIGN	4	20.5	PHOTO/FILM/VIDEO TECH	2	21.0
LANDSCAPE ARCHITECTURE	1	23.0	PUBLIC RELATIONS	0	0.0
ARCHI & ENVIR DESIGN, GEN	17	22.6	RADIO/TV BROADCASTING	3	28.7
			RADIO/TV PRODUCTN & TECH	1	21.0
BUSINESS & MGMT	(86)	(20.8)	COMMUNIC & COMM TECH, GEN	16	22.5
ACCOUNTING	14	18.9			
BANKING & FINANCE	1	22.0	COMMNTY & PRSNL SVCS	(28)	(17.6)
BUSINESS ADMIN & MGMT	9	18.1	CORRECTIONS	0	0.0
BUSINESS ECONOMICS	1	26.0	COSMETOLOGY/HAIRSTYLING	1	14.0
CONTRACT MGMT & PURCHSING	0	0.0	CRIMINAL JUSTICE/CRIMINOL	10	18.3
HOTEL/RESTAURANT MGMT	0	0.0	FIRE PROTECTN/SAFETY TECH	3	22.0
HUMAN RESOURCE DEVEL/TRNG	1	14.0	FUNERAL SVCS/MORTUARY SCI	0	0.0
INSTITUTIONAL MANAGEMENT	0	0.0	LAW ENFORCEMENT & ADMIN	4	16.8
INSURANCE & RISK MGMT	0	0.0	LIBRARY SCI/LIB ASSISTING	1	15.0
INTERNATL BUSINESS/MGMT	2	23.0	MILITARY SCIENCE/TECH	2	15.5
LABOR/INDUSTRL RELATIONS	0	0.0	PARKS & RECREATION	0	0.0
MANAGEMENT INFO SYSTEMS	0	0.0	PUBLIC ADMINISTRATION	0	0.0
MANAGEMENT SCIENCE	0	0.0	PUBLIC AFFAIRS	1	17.0
MARKETING MGMT & RESEARCH	2	23.5	SOCIAL WORK	1	14.0
ORGANIZATIONAL BEHAVIOR	0	0.0	COMMNTY & PRSNL SVCS, GEN	5	17.4
PERSONNEL MANAGEMENT	0	0.0			
REAL ESTATE	0	0.0			
SML BUSINESS MGMT/OWNRSHIP	4	19.3			
TRADE & INDUSTRIAL MGMT	1	19.0			
TRANSPORTATION MANAGEMENT	1	25.0			
BUSINESS & MGMT, GEN	50	21.7			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	(44)	(22.5)	ENGINEERING	(88)	(22.8)
COMPUTER PROGRAMMING	15	21.1	AEROSPACE ENGINEERING	13	26.1
COMPUTER SCIENCE	9	23.4	AGRICULTURAL ENGINEERING	0	0.0
DATA PROCESSING	0	0.0	ARCHITECTURAL ENGINEERING	0	0.0
INFO SCIENCES & SYSTEMS	0	0.0	BIOENGINEER & BIOMED ENG	0	0.0
MATH/COMPUTER SCIENCE	2	26.0	CERAMIC ENGINEERING	0	0.0
COMPUTER & INFO SCI, GEN	18	22.9	CHEMICAL ENGINEERING	5	24.0
CROSS-DISC STUDIES	(7)	(22.7)	CIVIL ENGINEERING	9	23.7
AREA & ETHNIC STUDIES	2	23.0	COMPUTER ENGINEERING	3	18.7
LIBERAL ARTS/GEN STUDIES	2	24.5	CONSTRUCTION ENG/MGMT	0	0.0
MULTI-/INTERDISC STUDIES	0	0.0	ELECTRCL & ELECTRONIC ENG	3	23.3
CROSS-DISC STUDIES, GEN	3	21.3	ENGINEERING MANAGEMENT	0	0.0
EDUCATION	(71)	(20.5)	ENGINEERING PHYSICS	0	0.0
ADULT & CONTINUING EDUC	0	0.0	ENGINEERING SCIENCE	0	0.0
EDUCATION ADMINISTRATION	1	17.0	ENVIRONMENTAL HEALTH ENG	0	0.0
ELEMENTARY EDUCATION	20	22.1	GEOLOGICAL & GEOPHYS ENG	2	27.5
JR HIGH/MIDDLE SCH EDUC	7	23.6	INDUSTRIAL ENGINEERING	0	0.0
PRE-ELEMENTARY EDUCATION	4	19.3	MATERIALS ENGINEERING	0	0.0
SECONDARY EDUCATION	7	21.3	MECHANICAL ENGINEERING	9	21.9
STUDENT COUNSELING	2	14.0	METALLURGICAL ENGINEERING	1	21.0
TEACHER AIDE	0	0.0	MINING & MINERAL ENG	1	14.0
EDUCATION, GENERAL	30	19.3	NAVAL ARCHIT & MARINE ENG	0	0.0
TEACHER EDUCATION	(24)	(22.0)	NUCLEAR ENGINEERING	0	0.0
AGRICULTURAL EDUCATION	0	0.0	OCEAN ENGINEERING	0	0.0
ART EDUCATION	0	0.0	PETROLEUM ENGINEERING	0	0.0
BUSINESS EDUCATION	0	0.0	SYSTEMS ENGINEERING	0	0.0
ENGLISH EDUCATION	1	21.0	ENGINEERING, GENERAL	42	21.8
FOREIGN LANGUAGES EDUC	0	0.0	ENGINEERING-RELATED TECH	(54)	(23.2)
HEALTH EDUCATION	1	27.0	AERONAUTICAL TECHNOLOGY	9	24.2
HUMAN, FAM/CONS SCI EDUC	0	0.0	AC, HEATING, REFRIG TECH	0	0.0
INDUSTRIAL ARTS EDUCATION	0	0.0	ARCHITECTURAL DESIGN TECH	1	28.0
MATHEMATICS EDUCATION	3	18.3	BIOMEDICAL EQUIPMENT TECH	0	0.0
MUSIC EDUCATION	3	22.0	CIVIL ENGINEERING TECH	6	23.8
PHYSICAL EDUCATION	3	21.7	COMPUTER ENGINEERING TECH	2	28.0
SCIENCE EDUCATION	0	0.0	CONSTRUCTION/BLDG TECH	0	0.0
SOC STUDIES/SOC SCI EDUC	1	28.0	DRAFTING & DESIGN TECH	0	0.0
SPECIAL EDUCATION	0	0.0	ELECTRICAL ENG TECHNOLOGY	4	21.8
SPEECH CORRECTION EDUC	0	0.0	ELECTRONIC ENG TECHNOLOGY	0	0.0
TEACHING ENGL AS 2ND LANG	0	0.0	ELECTROMECHAN INSTR TECH	0	0.0
TECH/TRADE & IND ED	0	0.0	ENVIRONMENTAL CONTRL TECH	0	0.0
TEACHER EDUCATION, OTHER	2	21.0	INDUSTRIL PRODUCTION TECH	0	0.0
TEACHER EDUCATION, GEN	10	22.5			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
LASER/FIBER-OPTIC TECH	0	0.0	HUMAN, FAMILY/CONS SCI	(17)	(18.6)
MANUFACTURING TECHNOLOGY	1	21.0	CHILD DEV, CARE, GUIDANCE	4	18.3
MECHANICAL ENG TECH	6	20.8	CHILD CARE AIDE/ASSISTING	0	0.0
MINING & PETROLEUM TECH	0	0.0	CULINARY ARTS	8	17.8
OCCUPATL SFTY & HLTH TECH	0	0.0	FAMILY/CONS RESOURCE MGMT	0	0.0
SURVEYING & MAPPING TECH	0	0.0	FASHION DESIGN	0	0.0
ENGINEERING TECH, OTHER	1	28.0	FOOD PRODUCTN, MGMT, SVCS	0	0.0
ENGINEER-RELATD TECH, GEN	24	22.7	FOOD SCI & NUTR/DIETETICS	1	22.0
			HUMAN ENVIRON & HOUSING	0	0.0
FOREIGN LANGUAGES	(14)	(22.6)	INDIVIDUAL & FAMILY DEVEL	0	0.0
ASIATIC LANGUAGES	1	27.0	TEXTILES AND CLOTHING	0	0.0
CLASSICAL LANGUAGES	1	25.0	HUMAN, FAM/CONS SCI, GEN	4	20.0
FRENCH	1	17.0			
GERMAN	2	17.5	LETTERS	(15)	(25.5)
ITALIAN	1	34.0	CLASSICS	0	0.0
MIDDLE EASTERN LANGUAGES	0	0.0	COMPARATIVE LITERATURE	0	0.0
RUSSIAN	0	0.0	CREATIVE WRITING	6	23.3
SPANISH	2	25.5	ENGLISH, GENERAL	4	29.8
FOREIGN LANGUAGES, OTHER	1	16.0	LINGUISTICS	2	27.5
FOREIGN LANGUAGES, GEN	5	22.4	LITERATURE, ENGLISH/AMER	0	0.0
			SPEECH & RHETORICAL STUDY	0	0.0
HEALTH SCI & ALLIED HLTH	(200)	(21.4)	LETTERS, GENERAL	3	23.0
CHIROPRACTIC	3	19.0			
DENTAL ASSISTING	1	16.0	MATHEMATICS	(9)	(27.6)
DENTAL HYGIENE	4	24.8	ACTUARIAL SCIENCES	0	0.0
DENTAL LAB/TECHNOLOGY	0	0.0	APPLIED MATHEMATICS	1	35.0
DENTISTRY	5	20.0	STATISTICS	1	23.0
EMERG MED TECH/PARAMEDIC	5	16.8	MATHEMATICS, GENERAL	7	27.1
HEALTH CARE ADMIN	3	14.0			
MEDICAL/SURG ASSISTING	4	17.0	PHILOS, RELIG & THEOLOGY	(2)	(23.5)
MEDICAL LAB/TECHNOLOGY	4	21.3	BIBLE STUDIES	0	0.0
MED RECORDS ADMIN/TECH	1	12.0	PHILOSOPHY	0	0.0
MEDICINE	21	23.4	RELIGION	1	19.0
MNTL HLTH & HUM SVCS/TECH	1	14.0	RELIGIOUS EDUCATION	1	28.0
NUCLEAR MEDICINE TECH	0	0.0	RELIGIOUS MUSIC	0	0.0
NURSING (PRACTICAL)	9	19.4	THEOLOGY	0	0.0
NURSING (REGISTERED)	26	20.7	PHILOS, RELIG & THEOL, GEN	0	0.0
OCCUPATNL THERAPY/ASSIST	1	25.0			
OPTOMETRY	0	0.0			
PHARMACY	9	21.7			
PHYSICIAN ASSISTING	4	20.5			
PHYSICAL THERAPY/ASSIST	16	22.3			
RADIOLOGY/RADIOLOGIC TECH	5	22.8			
REC/ART/MUSIC THERAPY	0	0.0			
RESPIRATORY THERAPY/TECH	0	0.0			
SPEECH PATHOL/AUDIOLOGY	1	22.0			
VETERINARIAN ASSISTING	0	0.0			
VETERINARY MEDICINE	9	23.0			
HEALTH SCI & ALLIED, GEN	68	22.0			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL) (	98)	(25.3)	VISUAL/PERFORM ARTS	(64)	(22.0)
ASTRONOMY	4	22.0	APPLIED DESIGN/CRAFTS	0	0.0
ATMOSPHER SCI & METEOROL	0	0.0	ART	3	19.3
BIOCHEMISTRY & BIOPHYSICS	9	27.8	ART HIST & APPRECIATION	1	22.0
BIOLOGY	23	24.9	CINEMATOGRAPHY/FILM/VIDEO	3	27.0
BOTANY	1	25.0	DANCE	5	21.0
CHEMISTRY	9	28.3	DESIGN, GENERAL	2	22.5
EARTH SCIENCE	2	26.0	DRAMA/THEATRE ARTS	7	22.7
ECOLOGY/ENV STUDIES	5	22.0	FINE ARTS, GENERAL	1	20.0
GEOLOGY	2	26.0	GRAPHIC ARTS TECHNOLOGY	0	0.0
MICROBIOLOGY	0	0.0	GRAPHIC DESIGN	3	20.7
OCEANOGRAPHY	4	19.5	MUSIC (LIBERAL ARTS)	0	0.0
PHYSICS	8	29.6	MUSIC PERFORMANCE	8	23.4
ZOOLOGY	7	21.0	MUSIC THEORY & COMPOSIT	2	22.5
SCIENCES (BIO & PHYS), GEN	24	25.4	PHOTOGRAPHY	5	18.4
			VISUAL/PERFORM ARTS, GEN	24	22.3
SOCIAL SCIENCES (	102)	(23.6)	UNDECIDED	(170)	(21.5)
ANTHROPOLOGY	8	24.5			
ECONOMICS	0	0.0			
GEOGRAPHY	0	0.0			
HISTORY	10	21.2			
INTERNATIONAL RELATIONS	5	25.2			
LAW	12	22.5			
PARALEGAL/LEGAL ASSISTING	1	16.0			
POLITICAL SCI/GOVERNMENT	14	25.9			
PSYCHOLOGY	27	23.5			
SOCIOLOGY	3	23.7			
URBAN STUDIES	0	0.0			
SOCIAL SCIENCES, GENERAL	22	23.5			
TRADE & INDUSTRIAL (	34)	(17.6)			
AIRCRAFT TECHNICIAN	1	24.0			
AIRPLANE PILOTING & NAVIG	12	15.5			
AUTOMOTIVE BODY REPAIR	0	0.0			
AUTOMOTIVE TECHNOLOGY	3	21.0			
AVIATION MANAGEMENT	1	18.0			
COMPUTER ELECTRNCS/REPAIR	1	14.0			
CONSTRCT TRADES & CARPENT	0	0.0			
DIESEL MECHANICS & TECH	1	16.0			
DRAFTING	1	26.0			
ELECTRICAL EQUIP REPAIR	0	0.0			
HEATING, AC, REFRIG MECH	1	23.0			
MACHINE TECHNOLOGY	1	26.0			
MECHANICAL DRAFTING	0	0.0			
WELDING & WELDING TECH	2	15.0			
TRADE & INDUSTRIAL, GEN	10	17.2			

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)	6	17.2	0	0.0	3	17.7	1	19.0	5	16.8
BUSINESS OPER (04-05)	12	17.2	0	0.0	7	18.9	3	16.3	9	17.4
TECHNICAL (06-07)	21	17.2	1	26.0	8	18.4	14	18.6	7	14.3
SCIENCE & TECH (08-09)	14	18.9	2	21.0	9	19.3	9	20.6	5	16.0
ARTS (10-11)	1	17.0	0	0.0	1	17.0	0	0.0	1	17.0
SOCIAL SERVICE (12-01)	3	16.0	0	0.0	3	16.0	1	14.0	2	17.0
OTHER*	35	15.7	2	22.0	6	18.3	18	16.2	17	15.1
TOTAL	92	16.8	5	22.4	37	18.4	46	17.8	46	15.8
<u>PLAN ON 4-YEARS OR MORE OF COLLEGE</u>										
ADMIN & SALES (02-03)	98	22.0	43	23.7	39	21.6	34	22.3	64	21.8
BUSINESS OPER (04-05)	78	21.6	31	23.3	32	22.0	32	22.1	45	21.3
TECHNICAL (06-07)	177	22.6	79	24.7	78	21.7	99	22.7	77	22.5
SCIENCE & TECH (08-09)	271	23.3	140	25.2	77	22.2	112	22.4	154	23.9
ARTS (10-11)	153	23.6	86	25.2	47	22.3	43	23.3	105	23.7
SOCIAL SERVICE (12-01)	117	22.3	56	23.3	50	21.4	35	21.8	79	22.4
OTHER*	431	22.1	190	23.7	156	20.9	170	22.0	253	22.3
TOTAL	1325	22.6	625	24.3	479	21.6	525	22.3	777	22.7

* OTHER = STUDENTS WHO HAD WORLD-OF-WORK REGIONS THAT DIFFERED FROM THOSE LISTED

TABLE 15 HIGH SCHOOL ACADEMIC AREA GRADE AVERAGES BY GENDER AND RACE/ETHNICITY

REFERENCE GROUP	NUMBER OF STUDENTS	GRADE AVERAGES				HS GPA AVG	HS GPA SD
		ENGLISH	MATH	SOCIAL STUDIES	NATURAL SCIENCE		
MALE	416	3.33	3.21	3.42	3.33	3.32	0.54
FEMALE	631	3.58	3.29	3.57	3.45	3.48	0.48
NO RESPONSE	17	3.72	3.26	3.61	3.61	3.54	0.41
AFRICAN-AMERICAN/BLACK	20	3.08	2.56	3.07	3.03	2.98	0.46
CAUCASIAN-AMERICAN/WHITE	755	3.52	3.28	3.54	3.45	3.45	0.49
OTHER MINORITY	192	3.32	3.18	3.37	3.24	3.28	0.55
MISSING/PREFER NO RESP	97	3.60	3.39	3.61	3.49	3.51	0.48
TOTAL	1064	3.48	3.26	3.51	3.41	3.41	0.51

APPENDIX

THE RESULTS PROFILED IN THIS REPORT ARE BASED ON ALL STUDENTS WHO TOOK THE ACT ASSESSMENT DURING THEIR SOPHOMORE, JUNIOR OR SENIOR YEAR, AND WHO GRADUATED FROM HIGH SCHOOL IN THE SPRING OF 2005. IF A STUDENT TESTED MORE THAN ONCE, ONLY HIS/HER MOST RECENT TEST RECORD IS USED. DUE TO THE INCREASING NUMBER OF REPEAT TEST-TAKERS, ACT EXPANDED THE NUMBER OF STUDENT SPECIFIC VARIABLES USED TO MATCH MULTIPLE STUDENT RECORDS IN 2002. THOSE STUDENTS WHO TESTED RESIDUALLY OR UNDER EXTENDED TIME CONDITIONS ARE NOT INCLUDED.

IT SHOULD BE NOTED THAT GRADUATING STUDENTS WHO TAKE THE ACT ASSESSMENT ARE NOT NECESSARILY REPRESENTATIVE OF GRADUATING STUDENTS NATIONALLY. STUDENTS WHO LIVE IN THE MIDWEST, ROCKY MOUNTAINS, PLAINS AND SOUTHERN REGIONS OF THE COUNTRY ARE OVER REPRESENTED AMONG ACT-TESTED STUDENTS AS COMPARED TO GRADUATING STUDENTS NATIONALLY.

CAUTION SHOULD BE USED IN MAKING COMPARISONS BETWEEN STATE AND NATIONAL NORMS. STATE NORMS MAY DIFFER FROM NATIONAL NORMS FOR NON-EDUCATIONAL REASONS SUCH AS THE DEMOGRAPHIC MAKE-UP OF A STATE'S ACT-TESTED GRADUATES COMPARED TO THE NATION.

SINCE THE ACT ASSESSMENT IS DESIGNED FOR THOSE STUDENTS WHO PLAN TO ATTEND COLLEGE, THE FOCUS IS ON STUDENTS WHO COMPLETED THE RECOMMENDED COLLEGE PREPARATORY COURSES. THE RECOMMENDED COLLEGE CORE COURSES (AS DEFINED BY ACT) INCLUDE:

ENGLISH (FOUR YEARS OR MORE)

ONE YEAR CREDIT EACH FOR ENGLISH 9, ENGLISH 10, ENGLISH 11, ENGLISH 12

MATHEMATICS (THREE YEARS OR MORE)

ONE YEAR CREDIT EACH FOR ALGEBRA I, ALGEBRA II, GEOMETRY
ONE-HALF YEAR CREDIT EACH FOR TRIGONOMETRY, CALCULUS (NOT PRE-CALCULUS),
OTHER MATH COURSES BEYOND ALGEBRA II, COMPUTER MATH/COMPUTER SCIENCE

SOCIAL SCIENCES (THREE YEARS OR MORE)

ONE YEAR CREDIT EACH FOR AMERICAN HISTORY, WORLD HISTORY, AMERICAN GOVERNMENT
ONE-HALF YEAR CREDIT EACH FOR ECONOMICS, GEOGRAPHY, PSYCHOLOGY, OTHER HISTORY

NATURAL SCIENCES (THREE YEARS OR MORE)

ONE YEAR CREDIT EACH FOR GENERAL/PHYSICAL/EARTH SCIENCE, BIOLOGY, CHEMISTRY,
PHYSICS

ALL CALCULATED HIGH SCHOOL GPAS SHOWN IN THIS REPORT ARE BASED ON STUDENT REPORTED COURSE GRADES IN THE FOUR CORE SUBJECT AREAS (ENGLISH, MATH, SOCIAL SCIENCE AND NATURAL SCIENCE).

INSTRUCTIONS FOR USING THE DATA PRESENTED IN THIS REPORT ARE PROVIDED IN THE INTERPRETIVE GUIDE, YOUR COLLEGE-BOUND STUDENTS. IF YOU HAVE QUESTIONS CONCERNING THIS REPORT OR NEED A COPY OF THIS GUIDE, PLEASE CALL 319/337-1111 OR WRITE TO ACT RESEARCH SERVICES (64), ACT INC, P.O. BOX 168, IOWA CITY, IOWA 52243.

APPENDIX (CONTINUED)

THE NUMBERS IN TABLE 4, PAGE 6 IN THE COLUMNS TITLED "CP", FOR EACH ACT TEST AND COMPOSITE ARE CUMULATIVE PERCENTS. CUMULATIVE PERCENTS REPRESENT THE PERCENT OF STUDENTS SCORING AT OR BELOW A SELECTED SCORE VALUE. FOR EXAMPLE, IF A SCALE SCORE OF 21 ON THE ACT COMPOSITE HAD A CP OF 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 44 PERCENT OF STUDENTS SCORED BELOW 21.

TABLE 4 EXAMPLE

STD SCORE	ACT COMPOSITE	
	FREQ	CP
36	0	99
35	3	99
34	6	99
33	4	99
32	26	99
31	31	98
30	44	96
29	71	94
28	84	91
27	95	86
26	113	82
25	137	76
24	122	69
23	125	63
22	129	56
21	125	50 <-- 50% OF THE STUDENTS SCORE AT OR BELOW 21
20	102	44 <-- 44% OF THE STUDENTS SCORE BELOW 21
19	118	38
18	101	32
17	125	27
16	96	21
15	94	16
14	76	11
13	65	8
12	48	4
11	22	2
10	10	1
9	3	1
8	2	1
7	0	1
6	0	1
5	0	1
4	0	1
3	0	1
2	0	1
1	0	1

