

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

**STATE COMPOSITE FOR
HAWAII**

CODE 120-000

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

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

EXECUTIVE SUMMARY

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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	1898	656 70/ 24	21.1/19.1	23.2/21.3	21.9/20.1	21.9/20.4	22.2/20.3
2001-02	1701	638 68/ 25	21.1/19.9	23.4/21.8	22.2/21.2	21.8/20.7	22.3/21.0
2002-03	1441	570 66/ 26	21.3/19.6	23.0/21.7	22.1/20.8	21.8/20.5	22.2/20.7
2003-04	1428	620 63/ 27	21.3/19.7	23.1/21.1	22.2/20.6	21.8/20.5	22.2/20.6
2004-05	1234	623 59/ 30	21.2/20.5	23.0/22.1	21.9/21.6	21.7/21.0	22.1/21.4

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
2000-01	2722	20.6	22.7	21.5	21.5	21.7
2001-02	2511	20.8	23.1	21.9	21.6	22.0
2002-03	2194	20.9	22.7	21.8	21.5	21.8
2003-04	2266	20.8	22.5	21.7	21.4	21.7
2004-05	2109	21.0	22.7	21.9	21.6	21.9

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
Q3 (75TH PERCENTILE)	25.0	26.7	26.7	24.4	25.4
Q2 (50TH PERCENTILE - MEDIAN)	20.8	22.8	21.4	21.3	21.7
Q1 (25TH PERCENTILE)	16.7	17.8	16.9	18.4	18.0

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

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

	AFRI-AM/ BLACK AVERAGE	AM IND, ALSK NTV AVERAGE	CAUC-AM/ WHITE AVERAGE	MEX-AM/ CHICANO AVERAGE	ASIAN-AM, PAC ISLDR AVERAGE	P R ICAN, HISPANIC AVERAGE
CORE OR MORE	(N= 18)	(N= 4)	(N= 175)	(N= 5)	(N= 756)	(N= 15)
ENGLISH	19.6	22.3	22.7	21.0	20.9	21.9
USAGE/MECH	9.7	10.8	11.5	9.8	10.6	10.9
RHET SKILLS	10.3	12.0	11.7	11.0	10.7	11.1
MATHEMATICS	22.3	20.0	22.9	23.8	23.1	23.6
PRE/ELEM-ALG	11.8	11.0	12.2	13.0	12.4	12.5
ALG/CRD-GEOM	11.4	10.3	11.3	12.8	11.7	11.9
PLANE GEOM/TRIG	11.3	9.5	11.5	11.4	11.5	11.9
READING	21.6	25.8	23.8	20.6	21.4	23.0
SOC STU/SCI	11.1	12.5	11.8	9.6	10.8	10.9
ARTS/LITERATURE	11.1	14.3	12.6	10.6	11.0	12.4
SCIENCE	20.8	21.0	22.3	20.4	21.7	20.9
COMPOSITE	21.2	22.5	23.0	21.4	21.9	22.5
LESS THAN CORE	(N= 11)	(N= 3)	(N= 82)	(N= 10)	(N= 351)	(N= 5)
ENGLISH	16.1	13.7	22.5	18.2	20.5	21.6
USAGE/MECH	7.1	6.0	11.5	8.7	10.4	11.2
RHET SKILLS	8.5	7.0	11.5	9.7	10.5	10.4
MATHEMATICS	18.4	15.7	22.5	21.2	22.5	22.4
PRE/ELEM-ALG	9.4	7.3	11.8	11.3	11.8	12.0
ALG/CRD-GEOM	9.4	8.3	11.4	9.7	11.1	11.0
PLANE GEOM/TRIG	8.7	8.3	11.3	10.4	11.4	12.0
READING	19.0	17.3	24.1	21.4	21.4	23.6
SOC STU/SCI	9.7	7.7	12.4	10.8	10.7	11.6
ARTS/LITERATURE	9.5	9.7	12.2	11.0	11.1	12.2
SCIENCE	18.1	16.7	22.5	20.7	21.0	20.0
COMPOSITE	17.9	16.0	23.0	20.4	21.5	22.0
NO RESPONSE	(N= 2)	(N= 0)	(N= 46)	(N= 2)	(N= 107)	(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= 31)	(N= 7)	(N= 303)	(N= 17)	(N= 1214)	(N= 22)
ENGLISH	18.1	18.6	22.5	19.6	20.8	22.3
USAGE/MECH	8.6	8.7	11.4	9.4	10.5	11.3
RHET SKILLS	9.5	9.9	11.6	10.3	10.6	11.2
MATHEMATICS	20.6	18.1	22.8	22.0	22.9	23.7
PRE/ELEM-ALG	10.7	9.4	12.2	11.6	12.2	12.7
ALG/CRD-GEOM	10.5	9.4	11.4	10.7	11.5	11.9
PLANE GEOM/TRIG	10.3	9.0	11.5	10.9	11.5	12.0
READING	20.4	22.1	23.8	21.4	21.5	23.7
SOC STU/SCI	10.4	10.4	11.8	10.2	10.8	11.4
ARTS/LITERATURE	10.4	12.3	12.5	11.3	11.0	12.8
SCIENCE	19.7	19.1	22.3	20.8	21.6	20.7
COMPOSITE	19.7	19.7	23.0	20.9	21.8	22.7

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	10 22.1	1 27.0	116 24.8	2 28.0	480 23.8	11 25.5
3.00 - 3.49	6 20.7	2 19.0	71 21.7	1 29.0	303 21.1	7 19.9
2.50 - 2.99	4 18.5	2 17.0	27 20.3	1 22.0	138 18.8	0 0.0
2.00 - 2.49	2 14.5	0 0.0	3 17.7	2 13.5	48 17.5	1 14.0
1.99 & BELOW	2 15.5	0 0.0	0 0.0	0 0.0	7 16.9	0 0.0
CGPA PRED BY STUDENT						
3.5 - 4.0	6 21.0	1 21.0	101 25.4	4 21.5	379 24.4	11 24.9
3.0 - 3.4	14 20.9	5 20.0	113 22.0	5 23.8	518 21.0	7 21.6
2.5 - 2.9	6 18.2	0 0.0	28 20.0	3 20.3	135 18.6	0 0.0
2.0 - 2.4	3 15.3	0 0.0	7 18.3	1 15.0	36 17.4	1 14.0
1.9 & BELOW	0 0.0	0 0.0	1 24.0	0 0.0	8 16.4	0 0.0
HIGH SCHOOL RANK						
TOP QUARTER	9 22.7	1 27.0	125 24.6	5 23.6	510 23.5	11 26.5
2ND QUARTER	11 18.4	3 21.0	63 21.9	5 17.2	336 20.2	5 19.8
BOTTOM HALF	5 18.2	2 15.5	20 19.4	4 22.8	151 18.4	2 15.0

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	322	15	180	9	44	2	7	0
	FEMALE	495	23	371	18	125	6	12	1
	TOTAL	829	39	558	26	170	8	19	1
NO. & VARIETY OF COURSE OFFERINGS	MALE	312	15	141	7	93	4	7	0
	FEMALE	483	23	270	13	239	11	16	1
	TOTAL	808	38	414	20	336	16	23	1
GRADING PRACTICES & POLICIES	MALE	298	14	188	9	60	3	8	0
	FEMALE	495	23	381	18	115	5	13	1
	TOTAL	803	38	577	27	177	8	21	1
NO. & KINDS OF TESTS GIVEN	MALE	281	13	222	11	45	2	4	0
	FEMALE	434	21	441	21	116	6	15	1
	TOTAL	726	34	670	32	163	8	19	1
GUIDANCE SERV PROVIDED BY GUIDANCE OFFICE	MALE	314	15	152	7	66	3	18	1
	FEMALE	526	25	258	12	178	8	38	2
	TOTAL	853	40	415	20	245	12	57	3
SCHOOL RULES, REGULATIONS, & POLICIES	MALE	277	13	173	8	89	4	12	1
	FEMALE	403	19	343	16	242	11	17	1
	TOTAL	690	33	522	25	335	16	29	1
LIBRARY OR LEARNING CENTER	MALE	303	14	154	7	80	4	13	1
	FEMALE	517	25	286	14	168	8	32	2
	TOTAL	829	39	449	21	250	12	45	2
LABORATORY FACILITIES	MALE	272	13	169	8	96	5	16	1
	FEMALE	419	20	323	15	217	10	43	2
	TOTAL	701	33	500	24	315	15	59	3
PROVISIONS FOR SPECIAL HELP IN READING, MATH, ETC	MALE	228	11	180	9	58	3	85	4
	FEMALE	355	17	330	16	159	8	156	7
	TOTAL	591	28	517	25	217	10	246	12
PROVISIONS FOR ACADEMICALLY OUTSTANDING STU	MALE	315	15	151	7	39	2	47	2
	FEMALE	546	26	275	13	119	6	62	3
	TOTAL	875	41	431	20	159	8	109	5
ADEQUACY OF PROG IN CAREER EDUC & PLANNING	MALE	261	12	202	10	69	3	21	1
	FEMALE	415	20	346	16	178	8	55	3
	TOTAL	688	33	553	26	248	12	78	4

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 2109)

STD SCORE	ACT ENGLISH		ACT MATHEMATICS		ACT READING		ACT SCIENCE		ACT COMPOSITE	
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP
36	2	99	13	99	14	99	15	99	3	99
35	15	99	33	99	27	99	15	99	7	99
34	32	99	36	98	42	98	17	99	14	99
33	27	98	26	96	44	96	3	98	19	99
32	27	96	48	95	29	94	19	98	27	98
31	28	95	40	93	43	93	21	97	39	97
30	41	94	50	91	77	91	20	96	56	95
29	73	92	73	88	68	87	42	95	70	92
28	56	88	97	85	96	84	53	93	75	89
27	69	86	144	80	103	79	62	90	101	85
26	105	82	139	73	87	74	117	87	107	81
25	112	77	114	67	78	70	125	82	124	75
24	126	72	149	61	104	66	177	76	170	70
23	99	66	131	54	137	61	177	67	133	61
22	151	61	85	48	100	55	150	59	139	55
21	129	54	102	44	92	50	213	52	141	49
20	141	48	104	39	173	46	192	42	149	42
19	115	42	97	34	120	38	148	33	143	35
18	152	36	150	30	74	32	176	26	136	28
17	108	29	164	23	119	28	110	17	132	22
16	90	24	142	15	115	23	80	12	113	15
15	134	19	99	8	97	17	61	8	80	10
14	93	13	44	3	104	13	27	6	62	6
13	41	9	17	1	71	8	34	4	38	3
12	37	7	9	1	44	5	23	3	23	1
11	29	5	2	1	32	2	14	2	5	1
10	29	4	0	1	9	1	11	1	0	1
9	16	2	0	1	4	1	3	1	2	1
8	19	2	0	1	3	1	3	1	0	1
7	13	1	1	1	1	1	0	1	1	1
6	0	1	0	1	1	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	1	1	1	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	76	4	108	5	127	6	50	2	43	2
28-32	225	11	308	15	313	15	155	7	267	13
24-27	412	20	546	26	372	18	481	23	502	24
20-23	520	25	422	20	502	24	732	35	562	27
16-19	465	22	553	26	428	20	514	24	524	25
13-15	268	13	160	8	272	13	122	6	180	9
01-12	143	7	12	1	95	5	55	3	31	1

AVG(SD) 21.0(5.9) 22.7(5.5) 21.9(6.2) 21.6(4.7) 21.9(5.1)

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 = 2109)

STD SCORE	USAGE/MECH		RHET SKILLS		SOC STU/SCI		ARTS/LIT		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	
18	76	99	13	99	27	99	85	99	18
17	88	96	41	99	142	99	147	96	17
16	82	92	78	97	125	92	132	89	16
15	128	88	132	94	118	86	140	83	15
14	124	82	182	87	139	80	139	76	14
13	151	76	153	79	166	74	174	70	13
12	182	69	250	72	217	66	241	61	12
11	230	61	254	60	186	56	150	50	11
10	180	50	255	48	207	47	186	43	10
9	186	41	240	36	221	37	144	34	9
8	217	32	197	24	222	27	142	27	8
7	175	22	116	15	139	16	132	20	7
6	137	14	104	9	87	9	134	14	6
5	63	7	46	4	57	5	111	8	5
4	58	4	35	2	31	3	31	2	4
3	21	2	13	1	13	1	15	1	3
2	10	1	0	1	6	1	6	1	2
1	1	1	0	1	6	1	0	1	1
AVERAGE		10.6		10.7		11.0		11.3	
S.D.		3.7		3.1		3.5		3.9	

STD SCORE	PRE/ELEM		ALG CP	ALG/CRD-GEOM		PLN GEOM/TRIG		STD SCORE
	FREQ	CP		FREQ	CP	FREQ	CP	
18	100	99	49	99	30	99	18	
17	133	95	51	98	50	99	17	
16	209	89	80	95	106	96	16	
15	168	79	125	91	170	91	15	
14	212	71	248	86	193	83	14	
13	201	61	160	74	269	74	13	
12	143	51	336	66	244	61	12	
11	174	45	224	50	169	50	11	
10	189	36	204	40	336	42	10	
9	136	28	318	30	170	26	9	
8	229	21	133	15	143	18	8	
7	137	10	72	9	103	11	7	
6	48	4	52	5	61	6	6	
5	16	1	32	3	9	3	5	
4	7	1	15	1	40	3	4	
3	5	1	4	1	2	1	3	
2	1	1	3	1	13	1	2	
1	1	1	3	1	1	1	1	
AVERAGE		12.1		11.4		11.4		
S.D.		3.5		3.0		3.1		

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	788	20.3	5.7	23.5	5.8	21.5	6.2	22.2	5.1	22.0	5.2
FEMALES	1286	21.4	6.0	22.2	5.3	22.1	6.2	21.2	4.5	21.9	5.0
NO RESPONSE	35	20.3	5.8	23.1	5.7	21.7	5.7	21.5	4.9	21.7	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	8	4	5	7	4	2	3	2	3	2
28-32	9	12	16	13	14	16	10	6	13	6	13	13
24-27	18	21	28	25	17	18	23	23	23	23	23	24
20-23	24	25	18	21	24	23	34	35	27	26	27	26
16-19	25	20	23	28	19	21	21	26	23	26	23	26
13-15	14	12	7	8	15	11	6	6	10	6	10	8
01-12	8	6	1	1	6	4	3	3	2	3	2	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	423	25	24.8	8	17	9	10	368	30	38	12
GOOD	610	36	21.2	18	38	45	49	413	34	134	41
AVERAGE	346	21	19.7	15	31	26	28	211	17	94	29
BELOW AVERAGE	78	5	19.0	3	6	5	5	45	4	25	8
VERY INADEQUATE	71	4	20.5	1	2	2	2	57	5	11	3
NO RESPONSE	156	9	22.7	3	6	5	5	126	10	22	7
NO. OF STUDENTS	1684			48		92		1220		324	

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	2109	21.0	5.9	22.7	5.5	21.9	6.2	21.6	4.7	21.9	5.1
COLLEGE CORE											
E4, M3, SS3, NS3	1234	21.2	5.7	23.0	5.4	21.9	6.2	21.7	4.7	22.1	4.9
In between	355	21.0	6.3	22.3	6.0	22.2	6.4	21.4	5.0	21.8	5.4
E4, M2, SS2, NS2	268	19.8	6.0	21.8	5.5	20.9	6.1	20.6	4.6	20.9	5.0
No Response	252	21.3	5.9	23.2	5.7	22.6	6.1	22.2	4.7	22.5	5.1
HS GPA RANGES											
3.50 - 4.00	776	23.2	5.7	24.9	5.4	24.1	6.2	23.2	4.7	24.0	4.9
3.00 - 3.49	495	20.3	5.4	21.8	5.0	20.9	5.4	20.8	4.2	21.1	4.4
2.50 - 2.99	234	17.8	5.0	19.6	4.4	18.8	5.6	19.3	4.3	19.0	4.2
2.00 - 2.49	79	16.0	4.6	18.2	3.4	17.0	4.6	18.5	3.9	17.5	3.4
1.99 & below	15	15.8	5.3	16.0	3.2	16.6	4.2	16.5	2.8	16.4	2.9

TABLE 9 HIGH SCHOOL GPAS AND AVERAGE ACT SCORES BY COMMON COURSE PATTERNS
(TOTAL)

ENGLISH COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS ENGLISH	ACT ENGLISH	ACT COMP
ENG 9, ENG 10, ENG 11, ENG 12, SPEECH	358	17	3.34	22.4	23.3
ENG 9, ENG 10, ENG 11, ENG 12	1305	62	3.37	20.6	21.5
LESS THAN 4 YEARS OF ENGLISH	187	9	3.28	20.6	21.6
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	259	12	- . -	21.2	22.4
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	223	11	3.55	25.4	24.0
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	217	10	3.28	23.4	22.8
ALG 1, ALG 2, GEOM, TRIG	249	12	3.22	21.8	21.1
ALG 1, ALG 2, GEOM, OTHER ADV MATH	138	7	3.12	21.3	20.9
ALG 1, ALG 2, GEOM	327	16	2.80	18.3	18.2
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	457	22	3.52	26.3	24.7
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	54	3	3.16	21.4	20.9
LESS THAN 3 YEARS OF MATH	174	8	2.74	19.6	19.4
NO MATH COURSE/GRADE INFORMATION REPORTED	270	13	- . -	23.1	22.3
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	98	5	3.58	22.1	22.1
US HIST, WORLD HIST, AM GOVT	27	1	3.45	20.0	20.5
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	627	30	3.56	21.7	21.8
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	670	32	3.50	21.6	21.8
LESS THAN 3 YEARS OF SOC SCI	408	19	3.32	22.2	22.1
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	279	13	- . -	22.5	22.3
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	845	40	3.42	22.5	22.9
BIOLOGY, CHEMISTRY, PHYSICS	333	16	3.37	22.6	23.3
GEN SCIENCE, BIOLOGY, CHEMISTRY	387	18	3.19	19.3	19.4
OTHER COMBINATIONS OF 3 YEARS NAT SCI	36	2	3.32	21.0	20.4
LESS THAN 3 YEARS OF NAT SCI	219	10	3.09	20.0	20.2
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	289	14	- . -	22.1	22.4

STATE COMPOSITE FOR
HAWAIITABLE 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	137	17	3.12	22.2	23.9
ENG 9, ENG 10, ENG 11, ENG 12	444	56	3.22	19.9	21.5
LESS THAN 4 YEARS OF ENGLISH	77	10	3.22	19.5	21.1
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	130	16	- . -	20.4	22.2
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	93	12	3.55	26.1	24.3
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	68	9	3.22	24.6	23.4
ALG 1, ALG 2, GEOM, TRIG	85	11	3.22	22.7	21.1
ALG 1, ALG 2, GEOM, OTHER ADV MATH	36	5	2.92	22.3	20.4
ALG 1, ALG 2, GEOM	97	12	2.72	17.9	17.5
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	182	23	3.51	27.1	24.7
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	19	2	2.83	20.7	19.2
LESS THAN 3 YEARS OF MATH	73	9	2.77	19.9	19.2
NO MATH COURSE/GRADE INFORMATION REPORTED	135	17	- . -	23.3	22.1
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	33	4	3.42	20.6	21.1
US HIST, WORLD HIST, AM GOVT	10	1	3.12	18.2	19.0
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	230	29	3.45	21.9	22.2
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	228	29	3.44	21.3	22.1
LESS THAN 3 YEARS OF SOC SCI	146	19	3.18	21.2	21.7
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	141	18	- . -	21.9	22.1
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	330	42	3.36	23.2	23.1
BIOLOGY, CHEMISTRY, PHYSICS	112	14	3.35	23.5	23.4
GEN SCIENCE, BIOLOGY, CHEMISTRY	105	13	3.07	19.4	19.0
OTHER COMBINATIONS OF 3 YEARS NAT SCI	15	2	3.20	22.0	20.5
LESS THAN 3 YEARS OF NAT SCI	79	10	2.99	20.0	19.4
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	147	19	- . -	22.3	22.2

STATE COMPOSITE FOR
HAWAIITABLE 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	214	17	3.48	22.6	23.0
ENG 9, ENG 10, ENG 11, ENG 12	842	65	3.45	21.0	21.5
LESS THAN 4 YEARS OF ENGLISH	109	8	3.35	21.5	21.9
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	121	9	- . -	22.1	22.6
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	126	10	3.56	24.7	23.8
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	142	11	3.30	23.0	22.7
ALG 1, ALG 2, GEOM, TRIG	163	13	3.22	21.3	21.0
ALG 1, ALG 2, GEOM, OTHER ADV MATH	101	8	3.18	20.9	21.1
ALG 1, ALG 2, GEOM	227	18	2.84	18.5	18.5
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	266	21	3.52	25.8	24.8
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	34	3	3.35	22.0	21.9
LESS THAN 3 YEARS OF MATH	100	8	2.74	19.4	19.6
NO MATH COURSE/GRADE INFORMATION REPORTED	127	10	- . -	22.7	22.5
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	64	5	3.65	23.0	22.6
US HIST, WORLD HIST, AM GOVT	17	1	3.61	21.1	21.4
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	389	30	3.63	21.6	21.6
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	429	33	3.53	21.8	21.5
LESS THAN 3 YEARS OF SOC SCI	257	20	3.41	22.8	22.4
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	130	10	- . -	23.1	22.5
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	501	39	3.46	22.1	22.8
BIOLOGY, CHEMISTRY, PHYSICS	215	17	3.38	22.1	23.1
GEN SCIENCE, BIOLOGY, CHEMISTRY	277	22	3.24	19.3	19.5
OTHER COMBINATIONS OF 3 YEARS NAT SCI	21	2	3.40	20.2	20.3
LESS THAN 3 YEARS OF NAT SCI	138	11	3.13	19.9	20.7
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	134	10	- . -	21.8	22.7

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 (PERCENT)	EDUC 1ST VOC MAJOR (PERCENT)	EDUC 1ST MAJOR (PERCENT)	EDUC 1ST VOC MAJOR (PERCENT)	EDUC 1ST MAJOR (PERCENT)	EDUC 1ST VOC MAJOR (PERCENT)
AGRICULTURE SCIENCE/TECH	8	20.3	13	63	1	1	1	0	1	0
ARCH & ENVIR DESIGN	40	23.5	25	58	3	3	2	3	3	3
BUSINESS & MGMT	154	20.3	27	58	9	9	10	10	10	10
BUSINESS & OFFICE	12	19.2	42	50	1	0	1	1	1	1
MARKETING & DISTRIBUTION	17	22.9	35	41	1	1	1	2	1	1
COMMUNICATION & COMM TEC	49	21.8	27	55	1	2	4	5	3	4
COMMUNITY & PRSNL SVCS	20	19.7	40	45	1	2	1	1	1	1
COMPUTER & INFO SCI	39	21.3	28	59	4	4	1	1	3	2
CROSS-DISC STUDIES	9	24.6	11	56	1	0	1	0	1	0
EDUCATION	60	20.3	42	53	2	2	5	6	4	5
TEACHER EDUCATION	24	21.6	29	63	1	2	2	3	2	2
ENGINEERING	85	22.9	35	52	12	11	2	2	5	5
ENGINEERING-RELATED TECH	73	23.0	32	58	11	12	1	1	5	5
FOREIGN LANGUAGES	14	23.6	57	43	0	0	1	1	1	0
HEALTH SCI & ALLIED HLTH	379	20.6	47	45	16	18	29	32	24	27
HUMAN, FAMILY/CONS SCI	7	19.9	29	57	0	1	1	1	0	1
LETTERS	11	27.5	18	73	1	0	1	1	1	1
MATHEMATICS	11	24.5	45	27	1	1	1	0	1	0
PHILOS, RELIG & THEOL	6	21.5	50	50	1	1	0	0	0	0
SCI (BIOL & PHYSICAL)	112	24.2	27	57	10	7	6	4	7	5
SOCIAL SCIENCES	131	22.5	37	53	5	5	10	9	8	8
TRADE & INDUSTRIAL	7	18.9	29	57	1	2	0	0	0	1
VISUAL & PERFORM ARTS	83	22.1	46	43	5	5	6	6	5	6
UNDECIDED	202	22.0	8	18	13	12	13	11	13	12
NO RESPONSE	556									

NUMBER OF STUDENTS - 2109

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	140	18.8	7	AFRICAN-AMER/BLACK	31	19.7	1
COLL PREP	1220	22.8	58	AM INDIAN,ALASKAN NTV	7	19.7	0
OTHER/GENERAL/NO RESP	749	21.0	36	CAUCASIAN-AMER/WHITE	303	23.0	14
REQUEST ASSISTANCE WITH				MEXICAN-AMER/CHICANO	17	20.9	1
ED/OCCUP PLANS	987	21.8	47	ASIAN-AMER,PACIFIC ISL	1214	21.8	58
EXPR IDEAS IN WRITING	681	21.0	32	PUERTO RICAN,HISPANIC	22	22.7	1
READING/COMPREHENSION	759	20.6	36	OTHER	113	19.2	5
STUDY SKILLS	867	20.6	41	MULTIRACIAL	230	22.7	11
MATH SKILLS	891	20.1	42	PREFER NOT TO RESPOND	57	20.9	3
PERSONAL CONCERNS	323	20.9	15	NO RESPONSE	115	22.4	5
EXPRESSED FIN NEED				ESTIMATED FAMILY INCOME			
NEED FINANCIAL AID	1643	21.7	78	LESS THAN \$18,000	113	18.8	5
NEED TO FIND WORK	1438	21.7	68	ABOUT \$18,000-\$24,000	91	19.5	4
SPECIAL COLLEGE PROG				ABOUT \$24,000-\$30,000	91	19.6	4
INDEP STUDY	796	22.3	38	ABOUT \$30,000-\$36,000	84	19.9	4
HONORS COURSES	688	24.0	33	ABOUT \$36,000-\$42,000	96	20.4	5
ADV PLACEMENT IN COLL				ABOUT \$42,000-\$50,000	140	21.8	7
ENGLISH	534	23.2	25	ABOUT \$50,000-\$60,000	158	21.5	7
MATH	550	24.1	26	ABOUT \$60,000-\$80,000	254	22.0	12
SOCIAL STUDIES	490	23.5	23	ABOUT \$80,000-\$100,000	226	23.2	11
NATURAL SCIENCE	480	24.2	23	MORE THAN \$100,000	231	24.2	11
FOREIGN LANG	434	22.8	21	NO RESPONSE	625	22.5	30
MAX YEARLY COLL TUITION				HS CLASS RANK			
\$1000 & UNDER	41	17.5	2	TOP QTR	814	23.7	39
\$1001 - \$2000	53	17.2	3	2ND QTR	549	20.4	26
\$2001 - \$4000	119	19.4	6	3RD QTR	232	18.6	11
\$4001 - \$7500	220	20.3	10	4TH QTR	32	18.1	2
\$7501 & OVER	137	21.4	6	NO RESPONSE	482	22.6	23
NO PREFERENCE	1031	22.6	49	EDUC DEG ASPIRATION			
NO RESPONSE	508	22.9	24	VOC-TECH	1	17.0	0
MOST RECENTLY TESTED				2YR COL DEGREE	22	16.9	1
SOPHOMORE	10	21.4	0	BACHELORS DEGREE	605	19.9	29
JUNIOR	724	23.9	34	GRAD STUDY	495	23.0	23
SENIOR	1303	20.8	62	PROF LEVEL DEGREE	632	23.1	30
OTHER/NO RESPONSE	72	22.2	3	OTHER	44	18.9	2
COLLEGE CORE PREPARATION				NO RESPONSE	310	22.4	15
CORE OR MORE	1234	22.1	59	NUMBER OF STUDENTS			
LESS THAN CORE	623	21.4	30	HOME SCHOOLED	9	23.7	0
NO RESPONSE	252	22.5	12	EARNED A GED	2	24.0	0
				ALL STUDENTS	2109	21.9	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
0902 U HAWAII-MANOA	HI	789	431	358	2	12	33	29	16	7	1
0900 HAWAII PACIFIC UNIV	HI	285	72	213	3	15	45	26	9	2	0
4484 UNIV OF WASHINGTON	WA	147	34	113	1	5	18	29	30	16	1
0898 CHAMINADE U-HONOLULU	HI	129	19	110	2	15	40	29	11	3	0
0906 U HAWAII-KAPIOLANI C	HI	116	11	105	3	20	48	22	5	1	0
0904 U OF HAWAII HILO	HI	115	32	83	2	20	38	30	9	2	0
0470 U OF SOUTHERN CALIF	CA	114	27	87	1	10	8	21	37	20	4
2496 U NEVADA-LAS VEGAS	NV	110	20	90	1	16	55	21	5	1	0
0908 U HAWAII-LEEWARD CC	HI	95	16	79	3	19	44	22	9	2	0
3482 OREGON STATE UNIV	OR	86	8	78	1	6	27	33	29	3	1
0899 BRIGHAM YOUNG-HAWAII	HI	85	49	36	5	18	24	28	19	7	0
0240 UNIV OF THE PACIFIC	CA	79	20	59	1	1	19	29	35	14	0
0448 U OF CA LOS ANGELES	CA	79	16	63	3	10	14	24	27	22	1
0905 U HAWAII-HONOLULU CC	HI	78	11	67	3	19	53	17	8	1	0
0326 LOYOLA MARYMOUNT U	CA	68	17	51	0	3	15	37	37	9	0
0434 STANFORD UNIVERSITY	CA	68	25	43	0	3	3	16	38	29	10
4266 BRIGHAM YOUNG UNIV	UT	65	30	35	2	6	15	40	26	11	0
3498 UNIVERSITY OF OREGON	OR	63	10	53	0	6	30	40	17	6	0
3488 PACIFIC UNIVERSITY	OR	60	11	49	0	8	33	33	20	5	0
4478 SEATTLE UNIVERSITY	WA	57	5	52	4	5	42	32	16	2	0
0466 U OF SAN FRANCISCO	CA	56	12	44	0	4	30	46	16	4	0
4482 WASHINGTON STATE U	WA	55	5	50	2	4	22	40	27	5	0
0444 U OF CA BERKELEY	CA	50	12	38	0	0	6	22	32	34	6
9999 NCAA CLEARINGHOUSE	IA	47	26	21	4	19	36	21	17	2	0
0459 U OF CA SAN DIEGO	CA	45	8	37	0	2	11	38	20	29	0
3500 UNIVERSITY PORTLAND	OR	43	8	35	5	5	23	35	28	5	0
0210 CHAPMAN UNIVERSITY	CA	39	16	23	0	3	23	33	33	8	0
0394 UNIV OF SAN DIEGO	CA	37	10	27	0	3	22	24	41	11	0
0446 U OF CA IRVINE	CA	37	11	26	0	5	8	30	38	19	0
0468 SANTA CLARA UNIV	CA	37	9	28	0	0	11	30	35	24	0
0398 SAN DIEGO STATE UNIV	CA	36	3	33	0	6	33	28	31	3	0
2838 NEW YORK UNIVERSITY	NY	35	7	28	0	3	11	17	37	20	11
0452 U OF CA SANTA BARB	CA	33	8	25	0	3	12	24	45	15	0
0502 U NORTHERN COLORADO	CO	33	6	27	0	18	42	27	9	3	0
4458 GONZAGA UNIVERSITY	WA	32	6	26	0	3	19	31	28	19	0
ALL OTHER INSTITUTIONS		2071	456	1615	1	8	24	26	27	12	3
TOTALS		5374	1467	3907	1	10	28	27	22	10	2

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	(8)	(20.3)	BUSINESS & OFFICE	(12)	(19.2)
AGRICULTURAL BUSINESS	0	0.0	BOOKKEEPING/ACCT TECH	1	19.0
AGRICULTURAL ECONOMICS	0	0.0	BUSINESS DP/COMPUTER OPER	0	0.0
AGRICULTURAL MECHANICS	0	0.0	COURT REPORTING	0	0.0
AGRI PRODUCTION/TECH	0	0.0	OFFICE SUPERVISION & MGMT	1	18.0
AGRONOMY	0	0.0	SECRETARIAL	0	0.0
ANIMAL SCIENCES	2	24.5	TYPING & GENERAL OFFICE	1	14.0
FARM & RANCH MANAGEMENT	0	0.0	WORD PROCESSING	0	0.0
FISH, GAME, WILDLIFE MGMT	0	0.0	BUSINESS & OFFICE, GEN	9	19.9
FOOD SCIENCES/ENGINEERING	0	0.0			
FORESTRY & RELATED SCI	0	0.0	MARKETING & DISTRIBUTION	(17)	(22.9)
HORTICULTURE/ORNMENTAL HORT	0	0.0	FASHION MERCHANDISING	3	21.7
NATURAL RESOURCES MGMT	0	0.0	RETAILING & SALES	1	16.0
AGRICULTURE & AG TECH, GEN	6	18.8	TRAVEL SERVICES & TOURISM	2	18.0
			MARKETING & DISTRIB, GEN	11	24.8
ARCH & ENVIR DESIGN	(40)	(23.5)			
ARCHITECTURAL DRAFTING	6	18.0	COMMUNICATIONS & COMM TECH	(49)	(21.8)
ARCHITECTURE	8	26.1	ADVERTISING	1	20.0
BLDG CON/CONSTRUCTION SCI	0	0.0	GRAPHIC/COMMERCIAL ART	3	22.7
CITY, COMM & REG PLANNING	0	0.0	GRAPHIC & PRINT COMMUNIC	0	0.0
ENVIRONMENTAL DESIGN	0	0.0	JOURNALISM	10	21.9
INTERIOR DESIGN	6	23.7	PHOTO/FILM/VIDEO TECH	3	19.0
LANDSCAPE ARCHITECTURE	0	0.0	PUBLIC RELATIONS	0	0.0
ARCHI & ENVIR DESIGN, GEN	20	24.1	RADIO/TV BROADCASTING	5	20.4
			RADIO/TV PRODUCTN & TECH	0	0.0
BUSINESS & MGMT	(154)	(20.3)	COMMUNIC & COMM TECH, GEN	27	22.3
ACCOUNTING	18	17.9			
BANKING & FINANCE	2	18.5	COMMNTY & PRSNL SVCS	(20)	(19.7)
BUSINESS ADMIN & MGMT	18	20.7	CORRECTIONS	0	0.0
BUSINESS ECONOMICS	2	22.5	COSMETOLOGY/HAIRSTYLING	1	17.0
CONTRACT MGMT & PURCHSING	0	0.0	CRIMINAL JUSTICE/CRIMINOL	4	21.0
HOTEL/RESTAURANT MGMT	5	18.4	FIRE PROTECTN/SAFETY TECH	0	0.0
HUMAN RESOURCE DEVEL/TRNG	0	0.0	FUNERAL SVCS/MORTUARY SCI	0	0.0
INSTITUTIONAL MANAGEMENT	0	0.0	LAW ENFORCEMENT & ADMIN	4	19.3
INSURANCE & RISK MGMT	0	0.0	LIBRARY SCI/LIB ASSISTING	0	0.0
INTERNATL BUSINESS/MGMT	8	22.4	MILITARY SCIENCE/TECH	0	0.0
LABOR/INDUSTRL RELATIONS	0	0.0	PARKS & RECREATION	0	0.0
MANAGEMENT INFO SYSTEMS	1	17.0	PUBLIC ADMINISTRATION	1	16.0
MANAGEMENT SCIENCE	0	0.0	PUBLIC AFFAIRS	0	0.0
MARKETING MGMT & RESEARCH	3	20.3	SOCIAL WORK	6	20.5
ORGANIZATIONAL BEHAVIOR	0	0.0	COMMNTY & PRSNL SVCS, GEN	4	19.3
PERSONNEL MANAGEMENT	0	0.0			
REAL ESTATE	1	16.0			
SML BUSINESS MGMT/OWNRSHIP	5	17.8			
TRADE & INDUSTRIAL MGMT	0	0.0			
TRANSPORTATION MANAGEMENT	0	0.0			
BUSINESS & MGMT, GEN	91	20.9			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	(39)	(21.3)	ENGINEERING	(85)	(22.9)
COMPUTER PROGRAMMING	13	20.1	AEROSPACE ENGINEERING	10	24.5
COMPUTER SCIENCE	9	21.8	AGRICULTURAL ENGINEERING	0	0.0
DATA PROCESSING	0	0.0	ARCHITECTURAL ENGINEERING	0	0.0
INFO SCIENCES & SYSTEMS	2	16.0	BIOENGINEER & BIOMED ENG	3	31.0
MATH/COMPUTER SCIENCE	1	27.0	CERAMIC ENGINEERING	0	0.0
COMPUTER & INFO SCI, GEN	14	22.4	CHEMICAL ENGINEERING	2	30.5
CROSS-DISC STUDIES	(9)	(24.6)	CIVIL ENGINEERING	7	20.6
AREA & ETHNIC STUDIES	0	0.0	COMPUTER ENGINEERING	1	27.0
LIBERAL ARTS/GEN STUDIES	5	26.2	CONSTRUCTION ENG/MGMT	3	17.3
MULTI-/INTERDISC STUDIES	1	24.0	ELECTRCL & ELECTRONIC ENG	9	22.4
CROSS-DISC STUDIES, GEN	3	22.0	ENGINEERING MANAGEMENT	0	0.0
EDUCATION	(60)	(20.3)	ENGINEERING PHYSICS	0	0.0
ADULT & CONTINUING EDUC	0	0.0	ENGINEERING SCIENCE	0	0.0
EDUCATION ADMINISTRATION	0	0.0	ENVIRONMENTAL HEALTH ENG	0	0.0
ELEMENTARY EDUCATION	19	18.5	GEOLOGICAL & GEOPHYS ENG	0	0.0
JR HIGH/MIDDLE SCH EDUC	1	16.0	INDUSTRIAL ENGINEERING	0	0.0
PRE-ELEMENTARY EDUCATION	2	14.5	MATERIALS ENGINEERING	0	0.0
SECONDARY EDUCATION	12	22.6	MECHANICAL ENGINEERING	6	18.2
STUDENT COUNSELING	3	19.7	METALLURGICAL ENGINEERING	0	0.0
TEACHER AIDE	0	0.0	MINING & MINERAL ENG	0	0.0
EDUCATION, GENERAL	23	21.3	NAVAL ARCHIT & MARINE ENG	0	0.0
TEACHER EDUCATION	(24)	(21.6)	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	24.0	ENGINEERING, GENERAL	44	23.0
FOREIGN LANGUAGES EDUC	1	30.0	ENGINEERING-RELATED TECH	(73)	(23.0)
HEALTH EDUCATION	0	0.0	AERONAUTICAL TECHNOLOGY	10	23.9
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	18.0
MATHEMATICS EDUCATION	1	20.0	BIOMEDICAL EQUIPMENT TECH	1	33.0
MUSIC EDUCATION	1	14.0	CIVIL ENGINEERING TECH	2	23.0
PHYSICAL EDUCATION	2	15.0	COMPUTER ENGINEERING TECH	7	22.0
SCIENCE EDUCATION	1	21.0	CONSTRUCTION/BLDG TECH	0	0.0
SOC STUDIES/SOC SCI EDUC	2	18.0	DRAFTING & DESIGN TECH	0	0.0
SPECIAL EDUCATION	0	0.0	ELECTRICAL ENG TECHNOLOGY	5	22.2
SPEECH CORRECTION EDUC	0	0.0	ELECTRONIC ENG TECHNOLOGY	3	21.0
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	0	0.0	INDUSTRIL PRODUCTION TECH	0	0.0
TEACHER EDUCATION, GEN	15	22.9			

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	(7)	(19.9)
MANUFACTURING TECHNOLOGY	0	0.0	CHILD DEV, CARE, GUIDANCE	0	0.0
MECHANICAL ENG TECH	8	25.1	CHILD CARE AIDE/ASSISTING	0	0.0
MINING & PETROLEUM TECH	0	0.0	CULINARY ARTS	1	15.0
OCCUPATL SFTY & HLTH TECH	0	0.0	FAMILY/CONS RESOURCE MGMT	0	0.0
SURVEYING & MAPPING TECH	0	0.0	FASHION DESIGN	2	19.5
ENGINEERING TECH, OTHER	1	22.0	FOOD PRODUCTN, MGMT, SVCS	0	0.0
ENGINEER-RELATD TECH, GEN	35	22.6	FOOD SCI & NUTR/DIETETICS	1	24.0
FOREIGN LANGUAGES	(14)	(23.6)	HUMAN ENVIRON & HOUSING	0	0.0
ASIATIC LANGUAGES	6	22.8	INDIVIDUAL & FAMILY DEVEL	1	25.0
CLASSICAL LANGUAGES	0	0.0	TEXTILES AND CLOTHING	0	0.0
FRENCH	0	0.0	HUMAN, FAM/CONS SCI, GEN	2	18.0
GERMAN	0	0.0	LETTERS	(11)	(27.5)
ITALIAN	0	0.0	CLASSICS	1	31.0
MIDDLE EASTERN LANGUAGES	0	0.0	COMPARATIVE LITERATURE	0	0.0
RUSSIAN	0	0.0	CREATIVE WRITING	5	27.0
SPANISH	0	0.0	ENGLISH, GENERAL	4	25.8
FOREIGN LANGUAGES, OTHER	2	22.0	LINGUISTICS	0	0.0
FOREIGN LANGUAGES, GEN	6	25.0	LITERATURE, ENGLISH/AMER	0	0.0
HEALTH SCI & ALLIED HLTH	(379)	(20.6)	SPEECH & RHETORICAL STUDY	0	0.0
CHIROPRACTIC	1	17.0	LETTERS, GENERAL	1	34.0
DENTAL ASSISTING	0	0.0	MATHEMATICS	(11)	(24.5)
DENTAL HYGIENE	4	19.5	ACTUARIAL SCIENCES	0	0.0
DENTAL LAB/TECHNOLOGY	0	0.0	APPLIED MATHEMATICS	0	0.0
DENTISTRY	4	23.8	STATISTICS	0	0.0
EMERG MED TECH/PARAMEDIC	1	16.0	MATHEMATICS, GENERAL	11	24.5
HEALTH CARE ADMIN	2	23.5	PHILOS, RELIG & THEOLOGY	(6)	(21.5)
MEDICAL/SURG ASSISTING	6	20.7	BIBLE STUDIES	1	20.0
MEDICAL LAB/TECHNOLOGY	2	20.0	PHILOSOPHY	0	0.0
MED RECORDS ADMIN/TECH	0	0.0	RELIGION	0	0.0
MEDICINE	62	22.0	RELIGIOUS EDUCATION	1	14.0
MNTL HLTH & HUM SVCS/TECH	0	0.0	RELIGIOUS MUSIC	0	0.0
NUCLEAR MEDICINE TECH	0	0.0	THEOLOGY	2	22.5
NURSING (PRACTICAL)	6	17.0	PHILOS, RELIG & THEOL, GEN	2	25.0
NURSING (REGISTERED)	76	18.1			
OCCUPATNL THERAPY/ASSIST	0	0.0			
OPTOMETRY	2	20.0			
PHARMACY	41	22.7			
PHYSICIAN ASSISTING	0	0.0			
PHYSICAL THERAPY/ASSIST	29	19.2			
RADIOLOGY/RADIOLOGIC TECH	6	19.0			
REC/ART/MUSIC THERAPY	0	0.0			
RESPIRATORY THERAPY/TECH	1	16.0			
SPEECH PATHOL/AUDIOLOGY	0	0.0			
VETERINARIAN ASSISTING	0	0.0			
VETERINARY MEDICINE	9	23.7			
HEALTH SCI & ALLIED, GEN	127	21.0			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL) (	112)	(24.2)	VISUAL/PERFORM ARTS	(83)	(22.1)
ASTRONOMY	5	21.2	APPLIED DESIGN/CRAFTS	2	23.0
ATMOSPHER SCI & METEOROL	1	16.0	ART	8	21.8
BIOCHEMISTRY & BIOPHYSICS	10	25.8	ART HIST & APPRECIATION	0	0.0
BIOLOGY	38	24.9	CINEMATOGRAPHY/FILM/VIDEO	17	22.2
BOTANY	0	0.0	DANCE	2	18.5
CHEMISTRY	6	24.8	DESIGN, GENERAL	2	17.0
EARTH SCIENCE	1	23.0	DRAMA/THEATRE ARTS	12	24.3
ECOLOGY/ENV STUDIES	3	21.7	FINE ARTS, GENERAL	1	17.0
GEOLOGY	1	27.0	GRAPHIC ARTS TECHNOLOGY	4	21.3
MICROBIOLOGY	2	24.0	GRAPHIC DESIGN	7	22.1
OCEANOGRAPHY	4	19.8	MUSIC (LIBERAL ARTS)	2	20.5
PHYSICS	4	29.8	MUSIC PERFORMANCE	2	22.0
ZOOLOGY	5	25.2	MUSIC THEORY & COMPOSIT	2	26.0
SCIENCES (BIO & PHYS), GEN	32	23.5	PHOTOGRAPHY	4	19.0
			VISUAL/PERFORM ARTS, GEN	18	22.7
SOCIAL SCIENCES (	131)	(22.5)	UNDECIDED	(202)	(22.0)
ANTHROPOLOGY	4	23.3			
ECONOMICS	0	0.0			
GEOGRAPHY	0	0.0			
HISTORY	4	26.5			
INTERNATIONAL RELATIONS	7	27.4			
LAW	26	21.7			
PARALEGAL/LEGAL ASSISTING	0	0.0			
POLITICAL SCI/GOVERNMENT	13	24.6			
PSYCHOLOGY	52	21.6			
SOCIOLOGY	2	19.5			
URBAN STUDIES	0	0.0			
SOCIAL SCIENCES, GENERAL	23	22.3			
TRADE & INDUSTRIAL (	7)	(18.9)			
AIRCRAFT TECHNICIAN	0	0.0			
AIRPLANE PILOTING & NAVIG	2	24.5			
AUTOMOTIVE BODY REPAIR	1	21.0			
AUTOMOTIVE TECHNOLOGY	1	14.0			
AVIATION MANAGEMENT	0	0.0			
COMPUTER ELECTRNCs/REPAIR	0	0.0			
CONSTRCT TRADES & CARPENT	1	15.0			
DIESEL MECHANICS & TECH	0	0.0			
DRAFTING	0	0.0			
ELECTRICAL EQUIP REPAIR	0	0.0			
HEATING, AC, REFRIG MECH	0	0.0			
MACHINE TECHNOLOGY	0	0.0			
MECHANICAL DRAFTING	0	0.0			
WELDING & WELDING TECH	0	0.0			
TRADE & INDUSTRIAL, GEN	2	16.5			

TABLE 14 AVERAGE ACT COMPOSITE SCORE BY CAREER CLUSTERS

REFERENCE GROUP	TOTAL		CORE OR MORE		LESS THAN CORE		MALES		FEMALES	
	NUMBER	AVG	NUMBER	AVG	NUMBER	AVG	NUMBER	AVG	NUMBER	AVG
<u>PLAN ON 2-YEARS OR LESS OF COLLEGE</u>										
ADMIN & SALES (02-03)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
BUSINESS OPER (04-05)	2	16.0	0	0.0	2	16.0	0	0.0	2	16.0
TECHNICAL (06-07)	7	17.7	3	17.3	4	18.0	4	19.3	3	15.7
SCIENCE & TECH (08-09)	5	18.6	3	20.3	1	14.0	3	19.3	2	17.5
ARTS (10-11)	1	17.0	0	0.0	1	17.0	0	0.0	1	17.0
SOCIAL SERVICE (12-01)	1	15.0	1	15.0	0	0.0	0	0.0	1	15.0
OTHER*	7	15.4	2	17.0	4	14.5	3	17.0	4	14.3
TOTAL	23	16.9	9	18.0	12	16.1	10	18.6	13	15.6
<u>PLAN ON 4-YEARS OR MORE OF COLLEGE</u>										
ADMIN & SALES (02-03)	112	20.9	77	21.7	35	19.2	24	22.3	86	20.5
BUSINESS OPER (04-05)	90	21.3	61	21.4	27	21.4	27	20.1	61	21.6
TECHNICAL (06-07)	244	22.2	168	22.8	70	21.0	124	22.0	118	22.4
SCIENCE & TECH (08-09)	302	22.6	197	22.7	100	22.4	121	23.1	175	22.4
ARTS (10-11)	201	23.0	131	23.1	61	23.1	50	23.5	147	22.8
SOCIAL SERVICE (12-01)	174	21.2	118	21.3	53	20.9	39	20.2	133	21.5
OTHER*	609	21.7	361	21.8	197	21.6	246	21.8	354	21.7
TOTAL	1732	22.0	1113	22.2	543	21.6	631	22.1	1074	21.9

* 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	552	3.20	3.23	3.39	3.28	3.28	0.53
FEMALE	1022	3.45	3.25	3.55	3.36	3.40	0.47
NO RESPONSE	25	3.29	3.18	3.38	3.34	3.29	0.59
AFRICAN-AMERICAN/BLACK	24	3.16	3.00	3.26	3.19	3.16	0.71
CAUCASIAN-AMERICAN/WHITE	217	3.50	3.29	3.56	3.47	3.45	0.42
OTHER MINORITY	1089	3.34	3.25	3.49	3.32	3.35	0.50
MISSING/PREFER NO RESP	269	3.34	3.19	3.49	3.29	3.33	0.50
TOTAL	1599	3.36	3.24	3.49	3.33	3.36	0.50

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 49, THIS MEANS THAT 49% 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	7	99
34	14	99
33	19	99
32	27	98
31	39	97
30	56	95
29	70	92
28	75	89
27	101	85
26	107	81
25	124	75
24	170	70
23	133	61
22	139	55
21	141	49 <-- 49% OF THE STUDENTS SCORE AT OR BELOW 21
20	149	42 <-- 42% OF THE STUDENTS SCORE BELOW 21
19	143	35
18	136	28
17	132	22
16	113	15
15	80	10
14	62	6
13	38	3
12	23	1
11	5	1
10	0	1
9	2	1
8	0	1
7	1	1
6	0	1
5	0	1
4	0	1
3	0	1
2	0	1
1	0	1

