

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

**STATE COMPOSITE FOR
WASHINGTON**

CODE 480-000

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	5201	4286	52/ 43	22.7/20.7	23.2/20.8	24.0/22.1	22.9/21.2	23.3/21.3
2001-02	4529	3964	49/ 43	22.5/20.7	23.0/20.9	23.8/22.2	22.6/21.1	23.1/21.4
2002-03	4516	3987	47/ 42	23.0/20.9	23.2/20.9	24.2/22.3	22.8/21.2	23.4/21.4
2003-04	4701	3930	48/ 40	22.8/20.9	23.1/21.0	24.0/22.3	22.7/21.2	23.3/21.5
2004-05	4701	3959	47/ 39	23.1/21.3	23.2/21.3	24.2/22.6	22.9/21.5	23.5/21.8

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
2000-01	10041	21.8	22.1	23.1	22.1	22.4
2001-02	9247	21.7	22.0	23.0	21.9	22.3
2002-03	9566	22.0	22.1	23.3	22.0	22.5
2003-04	9796	21.9	22.1	23.2	22.0	22.5
2004-05	10091	22.3	22.4	23.5	22.3	22.7

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
Q3 (75TH PERCENTILE)	26.3	26.1	28.0	25.0	26.1
Q2 (50TH PERCENTILE - MEDIAN)	22.1	22.5	23.4	22.1	22.7
Q1 (25TH PERCENTILE)	18.4	18.1	19.0	19.4	19.3

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= 166)	(N= 46)	(N= 3149)	(N= 178)	(N= 476)	(N= 47)
ENGLISH	18.2	19.9	23.6	18.8	22.4	21.2
USAGE/MECH	8.8	9.5	12.0	9.2	11.4	10.9
RHET SKILLS	9.4	10.5	12.2	9.7	11.4	10.6
MATHEMATICS	18.6	20.5	23.5	19.9	23.9	21.2
PRE/ELEM-ALG	9.7	10.9	12.7	10.5	12.8	11.1
ALG/CRD-GEOM	9.3	10.2	11.8	10.0	11.9	10.7
PLANE GEOM/TRIG	8.9	10.2	11.9	9.9	12.1	10.5
READING	19.2	21.0	24.7	20.2	23.2	22.8
SOC STU/SCI	9.4	10.0	12.5	10.0	11.8	11.2
ARTS/LITERATURE	10.1	11.5	13.0	10.5	12.0	12.4
SCIENCE	18.9	20.9	23.2	20.1	22.6	22.0
COMPOSITE	18.9	20.7	23.9	19.9	23.2	21.9
LESS THAN CORE	(N= 173)	(N= 52)	(N= 2664)	(N= 195)	(N= 289)	(N= 38)
ENGLISH	16.6	17.7	22.0	16.3	20.9	17.6
USAGE/MECH	7.9	8.5	11.0	7.7	10.6	8.4
RHET SKILLS	8.6	9.2	11.4	8.5	10.6	9.1
MATHEMATICS	17.1	17.9	21.7	17.9	22.4	18.2
PRE/ELEM-ALG	8.5	9.3	11.5	9.1	11.8	9.2
ALG/CRD-GEOM	8.4	8.5	10.8	8.5	11.2	8.9
PLANE GEOM/TRIG	8.2	8.9	11.0	8.7	11.3	9.2
READING	17.7	19.7	23.2	18.5	21.8	19.0
SOC STU/SCI	8.8	10.0	11.7	9.0	11.0	9.4
ARTS/LITERATURE	8.9	10.1	12.1	9.5	11.3	9.8
SCIENCE	17.9	18.9	22.0	17.9	21.5	18.8
COMPOSITE	17.5	18.7	22.4	17.8	21.8	18.5
NO RESPONSE	(N= 40)	(N= 10)	(N= 902)	(N= 34)	(N= 77)	(N= 16)

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= 379)	(N= 108)	(N= 6715)	(N= 407)	(N= 842)	(N= 101)
ENGLISH	17.2	18.8	22.8	17.6	21.9	19.3
USAGE/MECH	8.3	9.0	11.5	8.5	11.2	9.5
RHET SKILLS	8.9	9.8	11.8	9.1	11.2	9.9
MATHEMATICS	17.9	19.3	22.6	18.9	23.4	19.9
PRE/ELEM-ALG	9.1	10.1	12.1	9.8	12.5	10.3
ALG/CRD-GEOM	8.8	9.4	11.3	9.3	11.7	10.0
PLANE GEOM/TRIG	8.6	9.7	11.5	9.3	11.8	10.0
READING	18.4	20.4	24.0	19.3	22.8	20.8
SOC STU/SCI	9.1	10.0	12.1	9.4	11.6	10.2
ARTS/LITERATURE	9.4	10.8	12.6	10.0	11.8	11.0
SCIENCE	18.4	20.0	22.6	19.0	22.3	20.5
COMPOSITE	18.1	19.7	23.1	18.8	22.7	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	79 21.8	32 21.7	3021 25.0	115 20.6	460 24.1	33 22.0
3.00 - 3.49	92 17.4	23 19.3	1148 21.6	110 18.2	149 20.5	23 20.3
2.50 - 2.99	62 17.0	15 17.9	493 20.1	50 16.7	45 18.3	12 18.5
2.00 - 2.49	50 15.8	7 18.7	180 18.6	26 16.6	15 16.5	6 16.7
1.99 & BELOW	4 15.0	2 16.0	34 17.1	6 14.2	4 19.3	0 0.0
CGPA PRED BY STUDENT						
3.5 - 4.0	85 21.6	28 22.2	2592 25.1	87 21.7	381 24.7	23 22.0
3.0 - 3.4	151 17.5	33 19.5	2484 21.9	190 18.6	287 21.3	42 20.8
2.5 - 2.9	68 16.5	21 18.7	489 19.4	60 16.7	56 17.9	13 16.2
2.0 - 2.4	26 15.5	8 15.8	115 17.7	19 14.5	9 17.3	0 0.0
1.9 & BELOW	10 14.2	1 15.0	15 17.8	2 13.0	6 15.8	0 0.0
HIGH SCHOOL RANK						
TOP QUARTER	88 20.8	38 21.8	3101 24.8	140 20.8	401 24.6	33 22.2
2ND QUARTER	120 17.6	31 19.0	1573 21.2	120 18.0	193 20.3	22 19.6
BOTTOM HALF	101 16.3	19 18.1	541 19.5	66 16.2	78 18.6	16 17.9

TABLE 3 STUDENT SATISFACTION WITH VARIOUS ASPECTS OF HIGH SCHOOL EXPERIENCE

		SATISFIED NO CHANGE NECESSARY		PRETTY MUCH NEUTRAL		DISSATISFIED IMPROVEMENT NEEDED		NO EXPER- IENCE	
		NUMBER	PCT	NUMBER	PCT	NUMBER	PCT	NUMBER	PCT
CLASSROOM INSTRUCTION	MALE	1537	15	895	9	238	2	39	0
	FEMALE	2393	24	1619	16	546	5	41	0
	TOTAL	3969	39	2535	25	791	8	84	1
NO. & VARIETY OF COURSE OFFERINGS	MALE	1321	13	776	8	562	6	46	0
	FEMALE	2039	20	1256	12	1235	12	56	1
	TOTAL	3390	34	2052	20	1812	18	106	1
GRADING PRACTICES & POLICIES	MALE	1281	13	1024	10	357	4	36	0
	FEMALE	2214	22	1693	17	616	6	54	1
	TOTAL	3523	35	2743	27	987	10	92	1
NO. & KINDS OF TESTS GIVEN	MALE	1284	13	1108	11	269	3	39	0
	FEMALE	2064	20	1883	19	579	6	51	1
	TOTAL	3377	33	3024	30	853	8	93	1
GUIDANCE SERV PROVIDED BY GUIDANCE OFFICE	MALE	1237	12	825	8	484	5	148	1
	FEMALE	2050	20	1278	13	1037	10	210	2
	TOTAL	3317	33	2126	21	1536	15	361	4
SCHOOL RULES, REGULATIONS, & POLICIES	MALE	1099	11	920	9	614	6	64	1
	FEMALE	1828	18	1576	16	1074	11	96	1
	TOTAL	2949	29	2524	25	1706	17	163	2
LIBRARY OR LEARNING CENTER	MALE	1382	14	900	9	338	3	77	1
	FEMALE	2376	24	1454	14	637	6	108	1
	TOTAL	3794	38	2376	24	983	10	188	2
LABORATORY FACILITIES	MALE	1293	13	921	9	378	4	98	1
	FEMALE	2141	21	1573	16	675	7	181	2
	TOTAL	3467	34	2515	25	1069	11	280	3
PROVISIONS FOR SPECIAL HELP IN READING, MATH, ETC	MALE	904	9	846	8	244	2	695	7
	FEMALE	1629	16	1331	13	551	5	1063	11
	TOTAL	2555	25	2201	22	806	8	1770	18
PROVISIONS FOR ACADEMICALLY OUTSTANDING STU	MALE	1464	15	709	7	322	3	196	2
	FEMALE	2557	25	1078	11	676	7	265	3
	TOTAL	4060	40	1806	18	1005	10	467	5
ADEQUACY OF PROG IN CAREER EDUC & PLANNING	MALE	1084	11	985	10	423	4	192	2
	FEMALE	1752	17	1614	16	896	9	297	3
	TOTAL	2866	28	2621	26	1330	13	494	5

NUMBER OF STUDENTS - 10091

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 10091)

STD SCORE	ACT ENGLISH		ACT MATHEMATICS		ACT READING		ACT SCIENCE		ACT COMPOSITE	
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP
36	21	99	14	99	126	99	37	99	3	99
35	74	99	60	99	190	99	63	99	23	99
34	188	99	109	99	248	97	75	99	54	99
33	180	97	106	98	287	94	54	98	99	99
32	181	95	130	97	237	92	144	98	150	98
31	237	94	193	96	343	89	69	96	221	97
30	217	91	188	94	484	86	130	96	297	95
29	496	89	365	92	409	81	264	94	395	92
28	405	84	459	88	439	77	299	92	492	88
27	422	80	620	84	603	73	391	89	568	83
26	522	76	658	78	553	67	645	85	619	77
25	672	71	614	71	462	61	781	78	714	71
24	582	64	799	65	607	57	778	71	769	64
23	571	58	725	57	654	51	995	63	767	56
22	720	53	441	50	614	44	776	53	776	49
21	681	46	560	46	430	38	1019	45	773	41
20	721	39	700	40	640	34	949	35	702	33
19	623	32	577	33	502	27	709	26	635	26
18	461	26	668	27	373	22	621	19	535	20
17	421	21	730	21	358	19	411	13	466	15
16	357	17	658	14	406	15	291	9	387	10
15	472	13	367	7	287	11	210	6	258	6
14	257	9	203	3	358	8	116	4	179	4
13	151	6	109	1	211	5	91	3	108	2
12	137	5	29	1	150	3	84	2	64	1
11	113	3	6	1	71	1	33	1	27	1
10	85	2	1	1	18	1	31	1	8	1
9	36	1	1	1	11	1	20	1	1	1
8	59	1	1	1	5	1	2	1	1	1
7	22	1	0	1	6	1	3	1	0	1
6	3	1	0	1	3	1	0	1	0	1
5	4	1	0	1	3	1	0	1	0	1
4	0	1	0	1	2	1	0	1	0	1
3	0	1	0	1	0	1	0	1	0	1
2	0	1	0	1	1	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	463	5	289	3	851	8	229	2	179	2
28-32	1536	15	1335	13	1912	19	906	9	1555	15
24-27	2198	22	2691	27	2225	22	2595	26	2670	26
20-23	2693	27	2426	24	2338	23	3739	37	3018	30
16-19	1862	18	2633	26	1639	16	2032	20	2023	20
13-15	880	9	679	7	856	8	417	4	545	5
01-12	459	5	38	0	270	3	173	2	101	1

AVG(SD) 22.3(5.8) 22.4(5.0) 23.5(6.1) 22.3(4.5) 22.7(4.8)

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 = 10091)

STD SCORE	USAGE/MECH		RHET SKILLS		SOC STU/SCI		ARTS/LIT		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	
18	386	99	105	99	306	99	724	99	18
17	605	96	210	99	850	97	847	93	17
16	504	90	691	97	700	89	942	84	16
15	733	85	769	90	888	82	935	75	15
14	800	78	1065	82	776	73	574	66	14
13	682	70	895	72	870	65	849	60	13
12	923	63	1412	63	957	56	1267	52	12
11	1093	54	1173	49	873	47	749	39	11
10	990	43	1205	37	973	38	698	32	10
9	835	33	986	25	910	29	629	25	9
8	867	25	675	16	932	20	584	19	8
7	617	17	370	9	427	10	498	13	7
6	495	10	265	5	276	6	344	8	6
5	273	6	149	3	142	3	317	4	5
4	169	3	77	1	101	2	86	1	4
3	79	1	37	1	76	1	32	1	3
2	35	1	5	1	22	1	15	1	2
1	5	1	2	1	12	1	1	1	1
AVERAGE		11.2		11.5		11.8		12.3	
S.D.		3.7		3.0		3.5		3.7	

STD SCORE	PRE/ELEM		ALG/CRD-GEOM		PLN GEOM/TRIG		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	
18	371	99	130	99	101	99	18
17	545	96	158	99	95	99	17
16	733	91	309	97	428	98	16
15	763	84	476	94	778	94	15
14	1156	76	1116	89	1021	86	14
13	1110	65	869	78	1042	76	13
12	839	54	1656	70	1557	66	12
11	1020	45	1200	53	1040	50	11
10	834	35	1191	41	1615	40	10
9	726	27	1487	30	872	24	9
8	1001	20	627	15	590	15	8
7	648	10	350	9	395	9	7
6	245	3	205	5	276	6	6
5	65	1	155	3	33	3	5
4	23	1	89	2	162	2	4
3	6	1	48	1	17	1	3
2	5	1	13	1	59	1	2
1	1	1	12	1	10	1	1
AVERAGE		11.9		11.1		11.3	
S.D.		3.3		2.8		2.9	

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

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

GROUP	NUMBER OF STUDENTS	ENGLISH		MATH		READING		SCIENCE		COMPOSITE	
		AVERAGE	SD	AVERAGE	SD	AVERAGE	SD	AVERAGE	SD	AVERAGE	SD
MALES	3910	21.9	5.9	23.4	5.3	23.2	6.2	23.0	4.8	23.0	5.0
FEMALES	6051	22.5	5.7	21.7	4.8	23.7	6.1	21.8	4.2	22.6	4.6
NO RESPONSE	130	21.7	5.9	21.9	4.6	22.3	6.4	21.6	4.7	22.0	4.7

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

SCORE RANGE	M		F		M		F		M		F	
33-36	5	5	5	2	8	9	4	1	3	1		
28-32	14	16	18	10	18	20	12	7	17	15		
24-27	21	22	28	26	22	22	28	25	27	26		
20-23	26	27	22	25	23	24	34	39	28	31		
16-19	19	18	22	29	17	16	17	22	19	21		
13-15	10	8	5	8	10	8	4	4	6	5		
01-12	5	4	0	0	3	2	2	2	1	1		

TABLE 7 EXPRESSED ADEQUACY OF HS EDUCATION ACCORDING TO HS CURRICULUM OR PROGRAM

EXPRESSED ADEQUACY	TOTAL		AVG ACT COMP	BUS-COMM		VOC-OCC		COL PREP		OTHER-GEN	
	NUMBER	PCT		NUMBER	PCT	NUMBER	PCT	NUMBER	PCT	NUMBER	PCT
EXCELLENT	1896	24	24.5	29	15	57	15	1524	28	286	15
GOOD	3158	40	22.6	73	39	163	42	2131	40	791	41
AVERAGE	1450	18	20.8	42	22	98	25	798	15	512	27
BELOW AVERAGE	290	4	20.7	14	7	24	6	171	3	81	4
VERY INADEQUATE	379	5	21.3	14	7	26	7	253	5	86	4
NO RESPONSE	696	9	23.2	17	9	18	5	498	9	163	8
NO. OF STUDENTS	7869			189		386		5375		1919	

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	10091	22.3	5.8	22.4	5.0	23.5	6.1	22.3	4.5	22.7	4.8
COLLEGE CORE											
E4, M3, SS3, NS3	4701	23.1	5.5	23.2	4.9	24.2	5.9	22.9	4.3	23.5	4.5
In between	2356	21.5	5.9	21.4	5.0	22.7	6.3	21.6	4.6	21.9	4.8
E4, M2, SS2, NS2	1603	21.0	6.2	21.2	5.2	22.4	6.3	21.4	4.8	21.6	5.0
No Response	1431	22.5	5.6	22.5	4.9	23.6	6.0	22.3	4.4	22.8	4.6
HS GPA RANGES											
3.50 - 4.00	4329	24.5	5.3	24.5	4.6	25.6	5.7	23.9	4.2	24.7	4.3
3.00 - 3.49	1783	20.4	5.1	20.5	4.2	21.7	5.7	20.9	4.0	21.0	4.1
2.50 - 2.99	757	18.4	4.9	18.7	3.8	19.9	5.5	19.5	3.8	19.2	3.8
2.00 - 2.49	324	16.9	4.8	17.1	3.2	18.3	5.2	18.2	3.9	17.7	3.7
1.99 & below	59	15.6	5.7	16.3	2.9	17.9	5.7	17.8	4.2	17.1	4.1

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	1838	18	3.56	22.6	22.9
ENG 9, ENG 10, ENG 11, ENG 12	5790	57	3.54	22.2	22.7
LESS THAN 4 YEARS OF ENGLISH	994	10	3.45	21.8	22.4
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	1469	15	- . -	22.4	22.8
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	981	10	3.68	25.5	25.2
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	966	10	3.39	22.4	23.1
ALG 1, ALG 2, GEOM, TRIG	1113	11	3.20	20.9	21.5
ALG 1, ALG 2, GEOM, OTHER ADV MATH	613	6	3.26	21.1	21.8
ALG 1, ALG 2, GEOM	1029	10	2.90	18.9	20.0
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	2172	22	3.65	25.0	24.8
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	482	5	3.44	22.6	22.9
LESS THAN 3 YEARS OF MATH	1132	11	2.90	19.7	20.4
NO MATH COURSE/GRADE INFORMATION REPORTED	1603	16	- . -	22.3	22.7
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	1234	12	3.63	23.9	23.1
US HIST, WORLD HIST, AM GOVT	723	7	3.55	23.1	22.7
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	2577	26	3.65	23.9	23.0
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	1768	18	3.61	23.5	22.7
LESS THAN 3 YEARS OF SOC SCI	2186	22	3.50	22.8	22.2
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	1603	16	- . -	23.6	22.8
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	2847	28	3.64	23.4	24.0
BIOLOGY, CHEMISTRY, PHYSICS	969	10	3.54	24.1	24.9
GEN SCIENCE, BIOLOGY, CHEMISTRY	2267	22	3.40	21.4	21.7
OTHER COMBINATIONS OF 3 YEARS NAT SCI	442	4	3.42	22.2	22.7
LESS THAN 3 YEARS OF NAT SCI	1944	19	3.18	20.7	21.0
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	1622	16	- . -	22.3	22.8

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FOR MALES

ENGLISH COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS ENGLISH	ACT ENGLISH	ACT COMP
ENG 9, ENG 10, ENG 11, ENG 12, SPEECH	679	17	3.44	22.0	23.1
ENG 9, ENG 10, ENG 11, ENG 12	2111	54	3.43	22.0	23.1
LESS THAN 4 YEARS OF ENGLISH	427	11	3.32	21.1	22.5
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	693	18	- . -	22.0	23.0
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	386	10	3.65	26.4	25.3
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	292	7	3.31	23.2	23.3
ALG 1, ALG 2, GEOM, TRIG	375	10	3.07	21.3	21.4
ALG 1, ALG 2, GEOM, OTHER ADV MATH	193	5	3.21	21.8	21.7
ALG 1, ALG 2, GEOM	334	9	2.86	19.4	19.8
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	962	25	3.64	26.0	24.9
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	194	5	3.42	23.8	23.4
LESS THAN 3 YEARS OF MATH	424	11	2.87	20.7	20.6
NO MATH COURSE/GRADE INFORMATION REPORTED	750	19	- . -	23.1	23.0
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	471	12	3.58	23.6	23.4
US HIST, WORLD HIST, AM GOVT	308	8	3.48	23.3	23.2
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	885	23	3.59	23.4	23.1
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	609	16	3.54	23.7	23.3
LESS THAN 3 YEARS OF SOC SCI	878	22	3.42	22.3	22.3
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	759	19	- . -	23.3	23.0
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	1176	30	3.59	24.1	24.3
BIOLOGY, CHEMISTRY, PHYSICS	400	10	3.56	24.9	25.2
GEN SCIENCE, BIOLOGY, CHEMISTRY	629	16	3.27	21.6	21.4
OTHER COMBINATIONS OF 3 YEARS NAT SCI	227	6	3.37	22.5	22.7
LESS THAN 3 YEARS OF NAT SCI	714	18	3.09	21.4	21.0
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	764	20	- . -	22.9	23.0

TABLE 9 HIGH SCHOOL GPAS AND AVERAGE ACT SCORES BY COMMON COURSE PATTERNS
FOR FEMALES

ENGLISH COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS ENGLISH	ACT ENGLISH	ACT COMP
ENG 9, ENG 10, ENG 11, ENG 12, SPEECH	1138	19	3.62	22.9	22.9
ENG 9, ENG 10, ENG 11, ENG 12	3619	60	3.60	22.4	22.5
LESS THAN 4 YEARS OF ENGLISH	554	9	3.55	22.4	22.4
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	740	12	- . -	22.8	22.6
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	588	10	3.70	24.9	25.1
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	662	11	3.43	22.1	23.1
ALG 1, ALG 2, GEOM, TRIG	726	12	3.26	20.6	21.6
ALG 1, ALG 2, GEOM, OTHER ADV MATH	411	7	3.28	20.8	21.8
ALG 1, ALG 2, GEOM	682	11	2.92	18.6	20.1
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	1188	20	3.66	24.3	24.7
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	285	5	3.44	21.8	22.6
LESS THAN 3 YEARS OF MATH	694	11	2.91	19.1	20.3
NO MATH COURSE/GRADE INFORMATION REPORTED	815	13	- . -	21.6	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	750	12	3.66	24.2	23.0
US HIST, WORLD HIST, AM GOVT	410	7	3.61	23.1	22.4
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	1663	27	3.67	24.2	22.9
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	1142	19	3.64	23.4	22.3
LESS THAN 3 YEARS OF SOC SCI	1282	21	3.54	23.1	22.1
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	804	13	- . -	23.8	22.6
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	1643	27	3.67	22.8	23.8
BIOLOGY, CHEMISTRY, PHYSICS	562	9	3.54	23.5	24.6
GEN SCIENCE, BIOLOGY, CHEMISTRY	1610	27	3.44	21.3	21.8
OTHER COMBINATIONS OF 3 YEARS NAT SCI	210	3	3.47	22.0	22.6
LESS THAN 3 YEARS OF NAT SCI	1209	20	3.23	20.4	21.0
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	817	14	- . -	21.6	22.6

TABLE 10 DISTRIBUTION OF PLANNED EDUCATIONAL MAJOR AND FIRST VOCATIONAL CHOICE

	---PLANNED EDUC MAJOR---				MALE		FEMALE		TOTAL	
	NUMBER OF STUDENTS	AVG ACT COMP	CERTAINTY VERY FAIRLY (PERCENT)		EDUC 1ST MAJOR (PERCENT)	EDUC 1ST VOC (PERCENT)	EDUC 1ST MAJOR (PERCENT)	EDUC 1ST VOC (PERCENT)	EDUC 1ST MAJOR (PERCENT)	EDUC 1ST VOC (PERCENT)
AGRICULTURE SCIENCE/TECH	53	20.8	47	34	1	1	1	1	1	1
ARCH & ENVIR DESIGN	176	21.5	39	46	3	3	2	2	3	3
BUSINESS & MGMT	689	21.9	31	53	11	11	9	8	10	9
BUSINESS & OFFICE	36	20.2	31	50	0	1	1	1	1	1
MARKETING & DISTRIBUTION	70	21.2	27	54	0	1	1	2	1	1
COMMUNICATION & COMM TEC	269	22.2	31	51	3	3	5	5	4	4
COMMUNITY & PRSNL SVCS	131	19.9	41	51	2	3	2	2	2	3
COMPUTER & INFO SCI	191	24.3	35	54	6	6	1	1	3	3
CROSS-DISC STUDIES	29	25.4	21	52	0	0	1	0	0	0
EDUCATION	312	21.5	43	45	2	2	6	7	4	5
TEACHER EDUCATION	186	21.0	45	45	2	2	3	3	3	3
ENGINEERING	293	24.4	28	55	9	8	1	1	4	4
ENGINEERING-RELATED TECH	252	23.8	31	54	8	9	1	1	4	4
FOREIGN LANGUAGES	79	24.6	33	48	1	0	1	1	1	1
HEALTH SCI & ALLIED HLTH	1252	21.8	45	46	11	13	22	25	18	21
HUMAN, FAMILY/CONS SCI	69	20.0	39	39	0	0	1	2	1	1
LETTERS	88	25.3	33	41	1	1	1	1	1	1
MATHEMATICS	62	27.2	18	47	1	1	1	0	1	1
PHILOS, RELIG & THEOL	61	23.3	39	43	1	1	1	1	1	1
SCI (BIOL & PHYSICAL)	611	24.6	33	51	8	7	9	7	9	7
SOCIAL SCIENCES	627	23.3	37	48	7	6	10	10	9	8
TRADE & INDUSTRIAL	35	20.4	37	43	1	1	0	0	1	1
VISUAL & PERFORM ARTS	514	22.3	39	49	7	8	8	8	7	8
UNDECIDED	910	22.8	8	13	13	13	13	11	13	12
NO RESPONSE	3096									

NUMBER OF STUDENTS - 10091

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	575	19.5	6	AFRICAN-AMER/BLACK	379	18.1	4
COLL PREP	5375	23.6	53	AM INDIAN,ALASKAN NTV	108	19.7	1
OTHER/GENERAL/NO RESP	4141	22.0	41	CAUCASIAN-AMER/WHITE	6715	23.1	67
REQUEST ASSISTANCE WITH				MEXICAN-AMER/CHICANO	407	18.8	4
ED/OCCUP PLANS	3359	22.6	33	ASIAN-AMER,PACIFIC ISL	842	22.7	8
EXPR IDEAS IN WRITING	1701	20.8	17	PUERTO RICAN,HISPANIC	101	20.3	1
READING/COMPREHENSION	1933	20.1	19	OTHER	180	21.2	2
STUDY SKILLS	2724	20.8	27	MULTIRACIAL	338	22.3	3
MATH SKILLS	3001	20.4	30	PREFER NOT TO RESPOND	359	24.5	4
PERSONAL CONCERNS	675	20.9	7	NO RESPONSE	662	24.2	7
EXPRESSED FIN NEED				ESTIMATED FAMILY INCOME			
NEED FINANCIAL AID	7120	22.5	71	LESS THAN \$18,000	532	19.9	5
NEED TO FIND WORK	6118	22.3	61	ABOUT \$18,000-\$24,000	393	20.1	4
SPECIAL COLLEGE PROG				ABOUT \$24,000-\$30,000	407	20.8	4
INDEP STUDY	3346	23.2	33	ABOUT \$30,000-\$36,000	398	21.3	4
HONORS COURSES	3248	25.0	32	ABOUT \$36,000-\$42,000	466	21.8	5
ADV PLACEMENT IN COLL				ABOUT \$42,000-\$50,000	584	22.1	6
ENGLISH	3149	24.3	31	ABOUT \$50,000-\$60,000	756	22.5	7
MATH	2493	25.0	25	ABOUT \$60,000-\$80,000	1165	23.0	12
SOCIAL STUDIES	2562	24.4	25	ABOUT \$80,000-\$100,000	940	23.5	9
NATURAL SCIENCE	2028	24.7	20	MORE THAN \$100,000	1276	24.3	13
FOREIGN LANG	2229	23.8	22	NO RESPONSE	3174	23.3	31
MAX YEARLY COLL TUITION				HS CLASS RANK			
\$1000 & UNDER	125	18.1	1	TOP QTR	4370	24.6	43
\$1001 - \$2000	106	18.1	1	2ND QTR	2356	20.7	23
\$2001 - \$4000	519	20.5	5	3RD QTR	854	18.9	8
\$4001 - \$7500	1097	21.7	11	4TH QTR	83	17.4	1
\$7501 & OVER	588	22.0	6	NO RESPONSE	2428	22.8	24
NO PREFERENCE	5085	23.1	50	EDUC DEG ASPIRATION			
NO RESPONSE	2571	23.3	25	VOC-TECH	49	18.2	0
MOST RECENTLY TESTED				2YR COL DEGREE	164	17.8	2
SOPHOMORE	140	26.4	1	BACHELORS DEGREE	2971	21.4	29
JUNIOR	3799	23.6	38	GRAD STUDY	2345	23.6	23
SENIOR	5823	22.1	58	PROF LEVEL DEGREE	2771	23.8	27
OTHER/NO RESPONSE	329	23.2	3	OTHER	177	19.4	2
COLLEGE CORE PREPARATION				NO RESPONSE	1614	23.0	16
CORE OR MORE	4701	23.5	47	NUMBER OF STUDENTS			
LESS THAN CORE	3959	21.8	39	HOME SCHOOLED	66	24.4	1
NO RESPONSE	1431	22.8	14	EARNED A GED	6	19.0	0
				ALL STUDENTS	10091	22.7	100

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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	
4484 UNIV OF WASHINGTON	WA	3075	1292	1783	1	4	17	30	29	17	2	
4482 WASHINGTON STATE U	WA	2266	609	1657	1	5	26	34	24	9	1	
4490 WESTERN WASHINGTON U	WA	1787	452	1335	1	4	20	37	27	11	1	
4444 CENTRAL WASHINGTON U	WA	1227	347	880	2	8	32	36	17	5	1	
4454 EASTERN WASHINGTON U	WA	1167	353	814	2	8	31	35	19	4	0	
4458 GONZAGA UNIVERSITY	WA	686	132	554	1	4	19	34	29	12	1	
4266 BRIGHAM YOUNG UNIV	UT	629	424	205	0	2	12	32	34	18	2	
4478 SEATTLE UNIVERSITY	WA	628	114	514	0	7	25	35	21	10	1	
4476 SEATTLE PACIFIC UNIV	WA	559	119	440	0	5	24	33	25	12	0	
0926 BRIGHAM YOUNG-IDAHO	ID	551	178	373	0	3	17	33	33	14	1	
4470 PACIFIC LUTHERAN U	WA	362	85	277	1	10	24	30	27	7	1	
4494 WHITWORTH COLLEGE	WA	312	81	231	1	3	24	30	29	13	1	
4450 UNIV OF PUGET SOUND	WA	297	48	249	0	9	19	28	29	14	1	
0434 STANFORD UNIVERSITY	CA	276	63	213	0	0	6	11	29	43	10	
3500 UNIVERSITY PORTLAND	OR	241	55	186	0	2	12	30	36	20	1	
4492 WHITMAN COLLEGE	WA	235	64	171	0	5	11	20	32	28	3	
0928 UNIVERSITY OF IDAHO	ID	210	43	167	2	6	26	29	28	10	0	
3498 UNIVERSITY OF OREGON	OR	206	21	185	1	7	17	28	32	15	0	
9999 NCAA CLEARINGHOUSE	IA	206	101	105	2	5	32	29	21	9	1	
4503 ART INST OF SEATTLE	WA	201	61	140	1	8	28	37	20	4	0	
4457 EVERGREEN STATE COLL	WA	188	68	120	1	6	25	35	22	10	1	
0470 U OF SOUTHERN CALIF	CA	185	42	143	1	3	10	21	35	28	2	
3482 OREGON STATE UNIV	OR	166	18	148	1	3	21	37	24	13	1	
4486 WALLA WALLA COLLEGE	WA	163	91	72	1	9	21	29	33	7	0	
0088 ARIZONA STATE UNIV	AZ	154	36	118	0	8	25	35	25	5	1	
0448 U OF CA LOS ANGELES	CA	153	23	130	1	3	20	31	30	14	0	
4441 BELLEVUE COMM COLL	WA	152	35	117	1	9	38	33	15	4	0	
0899 BRIGHAM YOUNG-HAWAII	HI	150	7	143	1	3	16	34	28	19	0	
2838 NEW YORK UNIVERSITY	NY	146	36	110	0	1	10	20	29	36	3	
0444 U OF CA BERKELEY	CA	126	19	107	1	2	5	19	37	33	4	
0394 UNIV OF SAN DIEGO	CA	124	23	101	0	2	11	29	39	17	2	
0468 SANTA CLARA UNIV	CA	123	29	94	0	0	12	25	37	23	2	
4487 WALLA WALLA C C	WA	111	33	78	1	17	34	32	14	3	0	
4496 YAKIMA VALLEY C C	WA	110	25	85	5	18	35	29	12	0	0	
4474 SAINT MARTIN'S COLL	WA	109	24	85	2	10	31	34	20	3	0	
ALL OTHER INSTITUTIONS		8802	2193	6609	1	6	20	26	27	18	2	
TOTALS		26083	7344	18739	1	5	21	30	26	14	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	(53)	(20.8)	BUSINESS & OFFICE	(36)	(20.2)
AGRICULTURAL BUSINESS	2	18.0	BOOKKEEPING/ACCT TECH	3	20.3
AGRICULTURAL ECONOMICS	0	0.0	BUSINESS DP/COMPUTER OPER	1	14.0
AGRICULTURAL MECHANICS	1	27.0	COURT REPORTING	0	0.0
AGRI PRODUCTION/TECH	1	21.0	OFFICE SUPERVISION & MGMT	0	0.0
AGRONOMY	1	18.0	SECRETARIAL	3	16.7
ANIMAL SCIENCES	13	23.0	TYPING & GENERAL OFFICE	0	0.0
FARM & RANCH MANAGEMENT	2	25.5	WORD PROCESSING	0	0.0
FISH, GAME, WILDLIFE MGMT	2	20.5	BUSINESS & OFFICE, GEN	29	20.7
FOOD SCIENCES/ENGINEERING	1	18.0			
FORESTRY & RELATED SCI	3	21.0	MARKETING & DISTRIBUTION	(70)	(21.2)
HORTICULTURE/ORNMENTAL HORT	2	21.0	FASHION MERCHANDISING	14	20.4
NATURAL RESOURCES MGMT	0	0.0	RETAILING & SALES	4	21.0
AGRICULTURE & AG TECH, GEN	25	19.4	TRAVEL SERVICES & TOURISM	1	25.0
			MARKETING & DISTRIB, GEN	51	21.3
ARCH & ENVIR DESIGN	(176)	(21.5)			
ARCHITECTURAL DRAFTING	21	22.0	COMMUNICATIONS & COMM TECH	(269)	(22.2)
ARCHITECTURE	47	22.9	ADVERTISING	14	21.6
BLDG CON/CONSTRUCTION SCI	2	14.5	GRAPHIC/COMMERCIAL ART	10	22.0
CITY, COMM & REG PLANNING	1	27.0	GRAPHIC & PRINT COMMUNIC	3	23.3
ENVIRONMENTAL DESIGN	0	0.0	JOURNALISM	59	23.5
INTERIOR DESIGN	31	19.5	PHOTO/FILM/VIDEO TECH	9	21.8
LANDSCAPE ARCHITECTURE	5	21.2	PUBLIC RELATIONS	19	22.5
ARCHI & ENVIR DESIGN, GEN	69	21.3	RADIO/TV BROADCASTING	15	20.5
			RADIO/TV PRODUCTN & TECH	4	25.5
BUSINESS & MGMT	(689)	(21.9)	COMMUNIC & COMM TECH, GEN	136	21.7
ACCOUNTING	60	21.9			
BANKING & FINANCE	5	27.8	COMMNTY & PRSNL SVCS	(131)	(19.9)
BUSINESS ADMIN & MGMT	81	21.2	CORRECTIONS	2	19.0
BUSINESS ECONOMICS	11	25.4	COSMETOLOGY/HAIRSTYLING	4	17.3
CONTRACT MGMT & PURCHSING	1	15.0	CRIMINAL JUSTICE/CRIMINOL	50	20.9
HOTEL/RESTAURANT MGMT	14	20.4	FIRE PROTECTN/SAFETY TECH	6	17.3
HUMAN RESOURCE DEVEL/TRNG	1	33.0	FUNERAL SVCS/MORTUARY SCI	0	0.0
INSTITUTIONAL MANAGEMENT	0	0.0	LAW ENFORCEMENT & ADMIN	19	19.9
INSURANCE & RISK MGMT	0	0.0	LIBRARY SCI/LIB ASSISTING	0	0.0
INTERNATL BUSINESS/MGMT	38	24.8	MILITARY SCIENCE/TECH	2	20.0
LABOR/INDUSTRL RELATIONS	1	23.0	PARKS & RECREATION	0	0.0
MANAGEMENT INFO SYSTEMS	1	30.0	PUBLIC ADMINISTRATION	0	0.0
MANAGEMENT SCIENCE	0	0.0	PUBLIC AFFAIRS	0	0.0
MARKETING MGMT & RESEARCH	22	21.7	SOCIAL WORK	11	19.1
ORGANIZATIONAL BEHAVIOR	0	0.0	COMMNTY & PRSNL SVCS, GEN	37	19.6
PERSONNEL MANAGEMENT	1	24.0			
REAL ESTATE	6	18.7			
SML BUSINESS MGMT/OWNRSHIP	14	19.5			
TRADE & INDUSTRIAL MGMT	2	21.0			
TRANSPORTATION MANAGEMENT	0	0.0			
BUSINESS & MGMT, GEN	431	21.7			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	(191)	(24.3)	ENGINEERING	(293)	(24.4)
COMPUTER PROGRAMMING	60	22.9	AEROSPACE ENGINEERING	34	26.1
COMPUTER SCIENCE	47	26.0	AGRICULTURAL ENGINEERING	1	20.0
DATA PROCESSING	0	0.0	ARCHITECTURAL ENGINEERING	3	27.7
INFO SCIENCES & SYSTEMS	6	22.3	BIOENGINEER & BIOMED ENG	12	26.3
MATH/COMPUTER SCIENCE	7	28.4	CERAMIC ENGINEERING	0	0.0
COMPUTER & INFO SCI, GEN	71	24.1	CHEMICAL ENGINEERING	9	26.6
CROSS-DISC STUDIES	(29)	(25.4)	CIVIL ENGINEERING	13	22.7
AREA & ETHNIC STUDIES	3	22.3	COMPUTER ENGINEERING	8	23.4
LIBERAL ARTS/GEN STUDIES	14	23.6	CONSTRUCTION ENG/MGMT	4	22.5
MULTI-/INTERDISC STUDIES	3	28.7	ELECTRCL & ELECTRONIC ENG	10	21.0
CROSS-DISC STUDIES, GEN	9	28.1	ENGINEERING MANAGEMENT	2	21.0
EDUCATION	(312)	(21.5)	ENGINEERING PHYSICS	3	27.7
ADULT & CONTINUING EDUC	1	22.0	ENGINEERING SCIENCE	0	0.0
EDUCATION ADMINISTRATION	1	16.0	ENVIRONMENTAL HEALTH ENG	2	25.5
ELEMENTARY EDUCATION	92	21.3	GEOLOGICAL & GEOPHYS ENG	1	13.0
JR HIGH/MIDDLE SCH EDUC	13	22.3	INDUSTRIAL ENGINEERING	3	21.0
PRE-ELEMENTARY EDUCATION	4	18.0	MATERIALS ENGINEERING	1	34.0
SECONDARY EDUCATION	32	23.1	MECHANICAL ENGINEERING	40	24.6
STUDENT COUNSELING	4	18.8	METALLURGICAL ENGINEERING	1	15.0
TEACHER AIDE	1	15.0	MINING & MINERAL ENG	1	23.0
EDUCATION, GENERAL	164	21.4	NAVAL ARCHIT & MARINE ENG	1	26.0
TEACHER EDUCATION	(186)	(21.0)	NUCLEAR ENGINEERING	2	27.5
AGRICULTURAL EDUCATION	1	18.0	OCEAN ENGINEERING	0	0.0
ART EDUCATION	3	20.0	PETROLEUM ENGINEERING	1	21.0
BUSINESS EDUCATION	0	0.0	SYSTEMS ENGINEERING	1	30.0
ENGLISH EDUCATION	12	23.1	ENGINEERING, GENERAL	140	24.2
FOREIGN LANGUAGES EDUC	2	21.0	ENGINEERING-RELATED TECH	(252)	(23.8)
HEALTH EDUCATION	1	16.0	AERONAUTICAL TECHNOLOGY	31	23.6
HUMAN, FAM/CONS SCI EDUC	1	16.0	AC, HEATING, REFRIG TECH	0	0.0
INDUSTRIAL ARTS EDUCATION	0	0.0	ARCHITECTURAL DESIGN TECH	8	21.9
MATHEMATICS EDUCATION	7	27.0	BIOMEDICAL EQUIPMENT TECH	2	24.0
MUSIC EDUCATION	11	23.4	CIVIL ENGINEERING TECH	16	24.4
PHYSICAL EDUCATION	17	18.9	COMPUTER ENGINEERING TECH	15	22.5
SCIENCE EDUCATION	3	23.0	CONSTRUCTION/BLDG TECH	1	20.0
SOC STUDIES/SOC SCI EDUC	7	22.4	DRAFTING & DESIGN TECH	5	21.6
SPECIAL EDUCATION	2	16.5	ELECTRICAL ENG TECHNOLOGY	13	24.5
SPEECH CORRECTION EDUC	1	12.0	ELECTRONIC ENG TECHNOLOGY	4	26.0
TEACHING ENGL AS 2ND LANG	1	19.0	ELECTROMECHAN INSTR TECH	0	0.0
TECH/TRADE & IND ED	1	13.0	ENVIRONMENTAL CONTRL TECH	1	19.0
TEACHER EDUCATION, OTHER	4	16.8	INDUSTRIL PRODUCTION TECH	0	0.0
TEACHER EDUCATION, GEN	112	20.9			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
LASER/FIBER-OPTIC TECH	1	17.0	HUMAN, FAMILY/CONS SCI	(69)	(20.0)
MANUFACTURING TECHNOLOGY	0	0.0	CHILD DEV, CARE, GUIDANCE	6	20.8
MECHANICAL ENG TECH	25	23.6	CHILD CARE AIDE/ASSISTING	1	14.0
MINING & PETROLEUM TECH	0	0.0	CULINARY ARTS	10	18.0
OCCUPATL SFTY & HLTH TECH	0	0.0	FAMILY/CONS RESOURCE MGMT	2	15.5
SURVEYING & MAPPING TECH	0	0.0	FASHION DESIGN	10	21.0
ENGINEERING TECH, OTHER	2	24.5	FOOD PRODUCTN, MGMT, SVCS	2	17.0
ENGINEER-RELATD TECH, GEN	128	24.0	FOOD SCI & NUTR/DIETETICS	11	22.5
			HUMAN ENVIRON & HOUSING	1	18.0
FOREIGN LANGUAGES	(79)	(24.6)	INDIVIDUAL & FAMILY DEVEL	2	19.0
ASIATIC LANGUAGES	13	24.2	TEXTILES AND CLOTHING	1	27.0
CLASSICAL LANGUAGES	2	28.5	HUMAN, FAM/CONS SCI, GEN	23	19.9
FRENCH	11	25.7			
GERMAN	1	34.0	LETTERS	(88)	(25.3)
ITALIAN	1	31.0	CLASSICS	1	30.0
MIDDLE EASTERN LANGUAGES	0	0.0	COMPARATIVE LITERATURE	2	25.5
RUSSIAN	1	20.0	CREATIVE WRITING	33	24.1
SPANISH	16	24.4	ENGLISH, GENERAL	21	25.2
FOREIGN LANGUAGES, OTHER	7	24.6	LINGUISTICS	3	29.7
FOREIGN LANGUAGES, GEN	27	23.8	LITERATURE, ENGLISH/AMER	7	27.7
			SPEECH & RHETORICAL STUDY	1	20.0
HEALTH SCI & ALLIED HLTH	(1252)	(21.8)	LETTERS, GENERAL	20	25.9
CHIROPRACTIC	6	22.0			
DENTAL ASSISTING	2	17.0	MATHEMATICS	(62)	(27.2)
DENTAL HYGIENE	29	20.3	ACTUARIAL SCIENCES	1	28.0
DENTAL LAB/TECHNOLOGY	0	0.0	APPLIED MATHEMATICS	7	28.6
DENTISTRY	51	21.8	STATISTICS	2	28.5
EMERG MED TECH/PARAMEDIC	8	21.8	MATHEMATICS, GENERAL	52	26.9
HEALTH CARE ADMIN	4	20.5			
MEDICAL/SURG ASSISTING	14	22.0	PHILOS, RELIG & THEOLOGY	(61)	(23.3)
MEDICAL LAB/TECHNOLOGY	7	21.6	BIBLE STUDIES	6	25.0
MED RECORDS ADMIN/TECH	0	0.0	PHILOSOPHY	7	26.1
MEDICINE	225	23.4	RELIGION	3	24.0
MNTL HLTH & HUM SVCS/TECH	3	24.7	RELIGIOUS EDUCATION	10	21.1
NUCLEAR MEDICINE TECH	0	0.0	RELIGIOUS MUSIC	3	19.3
NURSING (PRACTICAL)	15	20.7	THEOLOGY	5	23.0
NURSING (REGISTERED)	156	20.8	PHILOS, RELIG & THEOL, GEN	27	23.4
OCCUPATNL THERAPY/ASSIST	6	21.7			
OPTOMETRY	6	22.8			
PHARMACY	48	21.2			
PHYSICIAN ASSISTING	7	21.6			
PHYSICAL THERAPY/ASSIST	70	22.0			
RADIOLOGY/RADIOLOGIC TECH	14	18.8			
REC/ART/MUSIC THERAPY	0	0.0			
RESPIRATORY THERAPY/TECH	1	16.0			
SPEECH PATHOL/AUDIOLOGY	4	21.0			
VETERINARIAN ASSISTING	8	18.0			
VETERINARY MEDICINE	38	22.6			
HEALTH SCI & ALLIED, GEN	530	21.8			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL) (	611)	(24.6)	VISUAL/PERFORM ARTS	(514)	(22.3)
ASTRONOMY	15	25.3	APPLIED DESIGN/CRAFTS	3	19.0
ATMOSPHER SCI & METEOROL	9	23.8	ART	30	22.4
BIOCHEMISTRY & BIOPHYSICS	54	26.5	ART HIST & APPRECIATION	2	22.0
BIOLOGY	164	24.3	CINEMATOGRAPHY/FILM/VIDEO	33	23.7
BOTANY	3	22.7	DANCE	16	23.4
CHEMISTRY	51	24.1	DESIGN, GENERAL	22	19.6
EARTH SCIENCE	2	22.0	DRAMA/THEATRE ARTS	50	22.5
ECOLOGY/ENV STUDIES	5	23.2	FINE ARTS, GENERAL	12	23.7
GEOLOGY	7	24.1	GRAPHIC ARTS TECHNOLOGY	12	18.8
MICROBIOLOGY	18	25.5	GRAPHIC DESIGN	26	21.5
OCEANOGRAPHY	11	21.5	MUSIC (LIBERAL ARTS)	13	26.8
PHYSICS	25	28.2	MUSIC PERFORMANCE	58	22.8
ZOOLOGY	43	22.7	MUSIC THEORY & COMPOSIT	15	21.7
SCIENCES (BIO & PHYS), GEN	204	24.6	PHOTOGRAPHY	25	21.7
			VISUAL/PERFORM ARTS, GEN	197	22.2
SOCIAL SCIENCES (	627)	(23.3)	UNDECIDED	(910)	(22.8)
ANTHROPOLOGY	20	26.2			
ECONOMICS	4	24.8			
GEOGRAPHY	3	23.0			
HISTORY	52	24.9			
INTERNATIONAL RELATIONS	32	26.1			
LAW	109	21.9			
PARALEGAL/LEGAL ASSISTING	4	19.8			
POLITICAL SCI/GOVERNMENT	68	25.2			
PSYCHOLOGY	168	22.3			
SOCIOLOGY	15	22.2			
URBAN STUDIES	0	0.0			
SOCIAL SCIENCES, GENERAL	152	23.1			
TRADE & INDUSTRIAL (	35)	(20.4)			
AIRCRAFT TECHNICIAN	1	23.0			
AIRPLANE PILOTING & NAVIG	12	19.9			
AUTOMOTIVE BODY REPAIR	0	0.0			
AUTOMOTIVE TECHNOLOGY	5	22.6			
AVIATION MANAGEMENT	0	0.0			
COMPUTER ELECTRNCS/REPAIR	0	0.0			
CONSTRCT TRADES & CARPENT	0	0.0			
DIESEL MECHANICS & TECH	1	15.0			
DRAFTING	0	0.0			
ELECTRICAL EQUIP REPAIR	1	16.0			
HEATING, AC, REFRIG MECH	0	0.0			
MACHINE TECHNOLOGY	0	0.0			
MECHANICAL DRAFTING	0	0.0			
WELDING & WELDING TECH	1	19.0			
TRADE & INDUSTRIAL, GEN	14	20.7			

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)	12	16.4	2	18.5	10	16.0	2	16.0	10	16.5
BUSINESS OPER (04-05)	21	17.1	6	19.8	15	16.1	11	16.8	10	17.5
TECHNICAL (06-07)	32	17.7	10	19.2	20	17.2	20	16.6	12	19.5
SCIENCE & TECH (08-09)	40	18.7	11	19.3	28	18.5	20	18.8	20	18.7
ARTS (10-11)	23	18.2	6	17.7	15	17.9	6	16.0	17	19.0
SOCIAL SERVICE (12-01)	11	17.9	2	19.5	9	17.6	1	23.0	10	17.4
OTHER*	74	17.8	14	18.6	53	17.4	29	18.4	45	17.4
TOTAL	213	17.9	51	18.9	150	17.4	89	17.7	124	18.0
<u>PLAN ON 4-YEARS OR MORE OF COLLEGE</u>										
ADMIN & SALES (02-03)	714	22.3	414	23.0	280	21.4	215	23.2	496	22.0
BUSINESS OPER (04-05)	472	22.0	257	22.6	200	21.3	191	22.5	275	21.8
TECHNICAL (06-07)	765	22.7	425	23.7	316	21.5	438	22.9	320	22.6
SCIENCE & TECH (08-09)	1470	23.6	824	24.1	598	22.8	632	23.9	815	23.4
ARTS (10-11)	1113	23.5	588	24.0	485	22.9	279	23.9	825	23.4
SOCIAL SERVICE (12-01)	877	22.2	464	23.1	367	21.3	207	22.7	660	22.1
OTHER*	2676	22.7	1285	23.5	1066	21.9	1081	22.8	1567	22.6
TOTAL	8087	22.9	4257	23.6	3312	22.0	3043	23.1	4958	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	ACADEMIC AREA GRADES				HS GPA AVG	HS GPA SD
		ENGLISH	MATH	SOCIAL STUDIES	NATURAL SCIENCE		
MALE	2636	3.42	3.35	3.53	3.41	3.42	0.54
FEMALE	4545	3.60	3.37	3.63	3.49	3.52	0.48
NO RESPONSE	71	3.55	3.27	3.56	3.38	3.42	0.47
AFRICAN-AMERICAN/BLACK	287	3.19	2.90	3.23	2.98	3.08	0.57
CAUCASIAN-AMERICAN/WHITE	4876	3.56	3.39	3.62	3.49	3.51	0.49
OTHER MINORITY	1257	3.48	3.35	3.55	3.44	3.45	0.52
MISSING/PREFER NO RESP	832	3.57	3.39	3.62	3.48	3.50	0.50
TOTAL	7252	3.54	3.36	3.59	3.46	3.48	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 41, THIS MEANS THAT 41% 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 33 PERCENT OF STUDENTS SCORED BELOW 21.

TABLE 4 EXAMPLE

STD SCORE	ACT COMPOSITE	
	FREQ	CP
36	3	99
35	23	99
34	54	99
33	99	99
32	150	98
31	221	97
30	297	95
29	395	92
28	492	88
27	568	83
26	619	77
25	714	71
24	769	64
23	767	56
22	776	49
21	773	41 <-- 41% OF THE STUDENTS SCORE AT OR BELOW 21
20	702	33 <-- 33% OF THE STUDENTS SCORE BELOW 21
19	635	26
18	535	20
17	466	15
16	387	10
15	258	6
14	179	4
13	108	2
12	64	1
11	27	1
10	8	1
9	1	1
8	1	1
7	0	1
6	0	1
5	0	1
4	0	1
3	0	1
2	0	1
1	0	1

