

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

**STATE COMPOSITE FOR
WEST VIRGINIA**

CODE 490-000

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	4601	6921	39/ 58	21.6/19.3	20.1/18.2	21.9/20.1	21.3/19.7	21.4/19.4
2001-02	3981	7062	35/ 62	21.9/19.5	20.4/18.4	22.2/20.3	21.4/19.8	21.6/19.6
2002-03	3407	7847	29/ 67	22.0/19.6	20.7/18.6	22.4/20.3	21.6/19.8	21.8/19.7
2003-04	3379	7570	29/ 66	22.1/19.9	20.8/18.8	22.5/20.5	21.6/19.8	21.9/19.9
2004-05	3183	7578	28/ 66	22.1/20.0	20.7/18.8	22.3/20.4	21.5/20.0	21.8/19.9

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
2000-01	11857	20.2	18.9	20.8	20.3	20.2
2001-02	11451	20.3	19.1	21.0	20.4	20.3
2002-03	11728	20.3	19.2	20.9	20.3	20.3
2003-04	11486	20.6	19.4	21.1	20.3	20.5
2004-05	11451	20.5	19.3	20.9	20.4	20.4

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
Q3 (75TH PERCENTILE)	24.2	22.2	24.5	23.0	23.3
Q2 (50TH PERCENTILE - MEDIAN)	20.4	18.2	20.4	20.3	20.1
Q1 (25TH PERCENTILE)	16.7	16.0	16.5	17.7	17.2

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

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

	AFRI-AM/ BLACK AVERAGE	AM IND, ALSK NTV AVERAGE	CAUC-AM/ WHITE AVERAGE	MEX-AM/ CHICANO AVERAGE	ASIAN-AM, PAC ISLDR AVERAGE	P RICAN, HISPANIC AVERAGE
CORE OR MORE	(N= 73)	(N= 9)	(N= 2899)	(N= 11)	(N= 39)	(N= 11)
ENGLISH	19.5	22.6	22.2	18.6	23.1	22.4
USAGE/MECH	9.6	12.1	11.3	9.1	11.7	11.0
RHET SKILLS	9.9	11.3	11.4	9.6	11.8	11.8
MATHEMATICS	18.6	20.9	20.7	18.4	22.7	21.7
PRE/ELEM-ALG	9.6	11.2	11.0	9.4	12.1	11.5
ALG/CRD-GEOM	9.6	10.2	10.4	9.3	11.2	10.5
PLANE GEOM/TRIG	9.3	10.9	10.3	9.7	11.6	11.0
READING	19.8	21.7	22.3	18.8	23.5	23.5
SOC STU/SCI	10.0	11.7	11.4	9.9	12.0	12.2
ARTS/LITERATURE	10.0	10.4	11.5	9.2	12.3	11.6
SCIENCE	19.7	21.4	21.5	19.5	22.4	22.5
COMPOSITE	19.5	21.8	21.8	19.0	23.1	22.7
LESS THAN CORE	(N= 254)	(N= 22)	(N= 6809)	(N= 20)	(N= 57)	(N= 20)
ENGLISH	16.5	19.8	20.1	20.7	23.5	17.8
USAGE/MECH	8.0	9.5	10.1	10.5	12.0	8.6
RHET SKILLS	8.4	10.4	10.3	10.6	12.0	9.2
MATHEMATICS	16.6	18.9	18.9	19.0	22.3	17.0
PRE/ELEM-ALG	8.0	9.6	9.7	9.7	11.9	8.4
ALG/CRD-GEOM	8.3	9.1	9.4	9.2	11.4	8.6
PLANE GEOM/TRIG	8.1	9.6	9.4	10.0	10.9	8.3
READING	17.1	20.3	20.5	22.3	23.2	19.2
SOC STU/SCI	8.6	10.5	10.4	11.1	11.9	9.7
ARTS/LITERATURE	8.4	10.0	10.4	11.5	11.9	9.5
SCIENCE	17.4	20.8	20.0	20.1	22.3	18.1
COMPOSITE	17.0	20.2	20.0	20.7	23.0	18.2
NO RESPONSE	(N= 23)	(N= 3)	(N= 566)	(N= 2)	(N= 5)	(N= 1)

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= 350)	(N= 34)	(N= 10274)	(N= 33)	(N= 101)	(N= 32)
ENGLISH	17.0	20.1	20.6	19.7	23.3	19.3
USAGE/MECH	8.3	9.9	10.4	9.8	11.9	9.3
RHET SKILLS	8.6	10.5	10.6	10.2	11.9	10.1
MATHEMATICS	17.0	19.1	19.3	18.6	22.6	18.8
PRE/ELEM-ALG	8.3	9.9	10.0	9.5	12.0	9.5
ALG/CRD-GEOM	8.5	9.3	9.7	9.3	11.4	9.4
PLANE GEOM/TRIG	8.4	9.8	9.7	9.7	11.2	9.3
READING	17.6	20.1	21.0	20.8	23.3	20.6
SOC STU/SCI	8.8	10.5	10.7	10.5	12.0	10.3
ARTS/LITERATURE	8.7	9.9	10.7	10.5	12.0	10.3
SCIENCE	17.9	20.5	20.4	19.8	22.2	19.5
COMPOSITE	17.5	20.1	20.5	19.9	23.0	19.7

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	67 21.0	13 24.0	3665 23.4	3 26.7	45 25.9	11 22.8
3.00 - 3.49	75 18.6	10 19.1	2576 19.8	10 19.5	29 21.4	6 20.0
2.50 - 2.99	61 16.8	2 20.0	1556 18.3	9 21.0	10 18.3	8 17.6
2.00 - 2.49	60 15.6	1 17.0	792 17.0	1 20.0	3 18.3	2 15.5
1.99 & BELOW	18 14.6	2 18.0	194 16.3	3 17.0	0 0.0	1 16.0
CGPA PRED BY STUDENT						
3.5 - 4.0	51 21.0	15 23.8	2658 23.8	5 23.6	40 26.0	14 21.6
3.0 - 3.4	107 18.5	9 19.1	4380 20.2	11 21.2	42 21.2	9 19.2
2.5 - 2.9	94 16.4	3 17.3	1698 18.2	9 18.7	8 21.9	4 18.5
2.0 - 2.4	54 15.2	5 15.2	740 16.8	0 0.0	3 18.7	2 15.5
1.9 & BELOW	10 14.7	0 0.0	139 15.5	1 14.0	1 20.0	1 16.0
HIGH SCHOOL RANK						
TOP QUARTER	72 20.7	15 23.3	3998 23.2	6 21.7	55 25.3	12 22.9
2ND QUARTER	121 17.0	11 18.5	3619 19.1	14 21.4	28 21.0	9 18.9
BOTTOM HALF	111 16.3	5 17.0	1678 17.2	8 16.9	7 17.9	8 17.5

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	2353	21	1451	13	484	4	33	0
	FEMALE	2940	26	2116	18	749	7	42	0
	TOTAL	5319	46	3583	31	1237	11	75	1
NO. & VARIETY OF COURSE OFFERINGS	MALE	2056	18	1300	11	909	8	53	0
	FEMALE	2712	24	1537	13	1531	13	68	1
	TOTAL	4787	42	2853	25	2451	21	121	1
GRADING PRACTICES & POLICIES	MALE	1997	17	1504	13	748	7	61	1
	FEMALE	2690	23	1963	17	1099	10	86	1
	TOTAL	4704	41	3486	30	1857	16	147	1
NO. & KINDS OF TESTS GIVEN	MALE	1957	17	1861	16	459	4	35	0
	FEMALE	2478	22	2522	22	778	7	63	1
	TOTAL	4457	39	4401	38	1243	11	98	1
GUIDANCE SERV PROVIDED BY GUIDANCE OFFICE	MALE	2087	18	1201	10	874	8	149	1
	FEMALE	2711	24	1553	14	1390	12	184	2
	TOTAL	4821	42	2762	24	2277	20	335	3
SCHOOL RULES, REGULATIONS, & POLICIES	MALE	1637	14	1493	13	1103	10	78	1
	FEMALE	2137	19	1993	17	1608	14	107	1
	TOTAL	3787	33	3503	31	2726	24	186	2
LIBRARY OR LEARNING CENTER	MALE	2112	18	1477	13	584	5	140	1
	FEMALE	3063	27	1834	16	768	7	173	2
	TOTAL	5198	45	3323	29	1360	12	316	3
LABORATORY FACILITIES	MALE	1886	16	1498	13	724	6	195	2
	FEMALE	2496	22	1995	17	1050	9	295	3
	TOTAL	4398	38	3513	31	1782	16	492	4
PROVISIONS FOR SPECIAL HELP IN READING, MATH, ETC	MALE	1668	15	1383	12	444	4	812	7
	FEMALE	2247	20	1706	15	758	7	1126	10
	TOTAL	3930	34	3104	27	1207	11	1947	17
PROVISIONS FOR ACADEMICALLY OUTSTANDING STU	MALE	2243	20	1284	11	443	4	346	3
	FEMALE	3112	27	1656	14	680	6	388	3
	TOTAL	5378	47	2955	26	1127	10	738	6
ADEQUACY OF PROG IN CAREER EDUC & PLANNING	MALE	1814	16	1627	14	679	6	183	2
	FEMALE	2397	21	2072	18	1074	9	282	2
	TOTAL	4227	37	3714	32	1762	15	469	4

NUMBER OF STUDENTS - 11451

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 11451)

STD SCORE	ACT ENGLISH		ACT MATHEMATICS		ACT READING		ACT SCIENCE		ACT COMPOSITE	
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP
36	10	99	9	99	39	99	9	99	1	99
35	41	99	10	99	77	99	29	99	6	99
34	98	99	40	99	121	99	29	99	15	99
33	78	99	20	99	147	98	32	99	39	99
32	96	98	45	99	105	97	52	99	46	99
31	142	97	60	99	202	96	57	99	90	99
30	156	96	60	98	256	94	57	98	148	98
29	340	95	145	98	261	92	120	98	172	97
28	323	92	173	97	302	89	172	97	241	95
27	332	89	271	95	419	87	215	95	340	93
26	480	86	371	93	477	83	494	93	446	90
25	605	82	381	89	472	79	447	89	526	87
24	643	76	614	86	709	75	756	85	636	82
23	609	71	541	81	774	69	843	78	768	76
22	844	65	471	76	605	62	890	71	844	70
21	878	58	668	72	611	57	1275	63	980	62
20	939	50	771	66	1073	51	1215	52	994	54
19	830	42	751	59	664	42	971	42	1004	45
18	691	35	1039	53	577	36	1140	33	996	36
17	564	29	1337	44	690	31	774	23	886	28
16	504	24	1599	32	751	25	514	16	800	20
15	706	20	1094	18	473	19	473	12	614	13
14	431	13	584	9	708	14	298	8	418	8
13	283	10	309	3	435	8	222	5	277	4
12	229	7	64	1	312	4	159	3	134	1
11	188	5	17	1	142	2	100	2	26	1
10	170	4	1	1	29	1	75	1	4	1
9	96	2	5	1	14	1	24	1	0	1
8	112	1	0	1	5	1	8	1	0	1
7	23	1	1	1	1	1	1	1	0	1
6	9	1	0	1	0	1	0	1	0	1
5	1	1	0	1	0	1	0	1	0	1
4	0	1	0	1	0	1	0	1	0	1
3	0	1	0	1	0	1	0	1	0	1
2	0	1	0	1	0	1	0	1	0	1
1	0	1	0	1	0	1	0	1	0	1

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

33-36	227	2	79	1	384	3	99	1	61	1
28-32	1057	9	483	4	1126	10	458	4	697	6
24-27	2060	18	1637	14	2077	18	1912	17	1948	17
20-23	3270	29	2451	21	3063	27	4223	37	3586	31
16-19	2589	23	4726	41	2682	23	3399	30	3686	32
13-15	1420	12	1987	17	1616	14	993	9	1309	11
01-12	828	7	88	1	503	4	367	3	164	1

AVG(SD) 20.5(5.5) 19.3(4.4) 20.9(5.6) 20.4(4.3) 20.4(4.4)

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 = 11451)

STD SCORE	USAGE/MECH		RHET SKILLS		SOC STU/SCI		ARTS/LIT		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	
18	210	99	38	99	121	99	304	99	18
17	359	98	130	99	453	99	464	97	17
16	432	95	400	99	440	95	567	93	16
15	611	91	502	95	594	91	706	88	15
14	700	86	843	91	713	86	430	82	14
13	738	80	917	83	858	80	871	78	13
12	1046	73	1426	75	1176	72	1599	71	12
11	1297	64	1371	63	1086	62	973	57	11
10	1243	53	1611	51	1401	52	1005	48	10
9	1134	42	1485	37	1604	40	1025	40	9
8	1151	32	1019	24	1249	26	939	31	8
7	893	22	680	15	754	15	884	22	7
6	702	14	452	9	521	9	753	15	6
5	416	8	343	5	270	4	637	8	5
4	338	5	153	2	121	2	200	3	4
3	134	2	67	1	65	1	74	1	3
2	44	1	14	1	18	1	19	1	2
1	3	1	0	1	7	1	1	1	1
AVERAGE		10.3		10.5		10.6		10.7	
S.D.		3.5		2.9		3.2		3.6	

STD SCORE	PRE/ELEM		ALG/CRD-GEOM		PLN GEOM/TRIG		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	
18	131	99	29	99	21	99	18
17	218	99	49	99	42	99	17
16	381	97	121	99	135	99	16
15	421	94	190	98	245	98	15
14	662	90	544	97	525	96	14
13	817	84	498	92	695	92	13
12	809	77	1414	88	1162	85	12
11	1225	70	1199	75	989	75	11
10	1154	59	1609	65	2418	67	10
9	949	49	2369	51	1459	46	9
8	2004	41	1302	30	1375	33	8
7	1606	23	762	19	1062	21	7
6	740	9	549	12	698	12	6
5	207	3	446	7	104	5	5
4	87	1	183	3	335	5	4
3	29	1	142	2	41	2	3
2	8	1	13	1	116	1	2
1	3	1	32	1	29	1	1
AVERAGE		10.0		9.6		9.6	
S.D.		3.1		2.7		2.8	

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	5011	20.0	5.6	20.0	4.7	20.7	5.7	20.9	4.5	20.5	4.6
FEMALES	6374	21.0	5.4	18.8	4.0	21.1	5.5	20.0	4.0	20.4	4.2
NO RESPONSE	66	20.2	4.7	18.1	3.8	21.1	5.1	20.3	3.3	20.1	3.6

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	2	1	0	3	3	1	0	1	0	1	0
28-32	8	10	6	3	9	10	6	3	7	5	7	5
24-27	17	19	17	12	18	19	19	15	18	17	18	17
20-23	27	30	22	21	26	28	36	37	30	33	30	33
16-19	23	22	38	44	23	24	26	32	30	33	30	33
13-15	14	11	15	19	16	13	8	9	12	11	12	11
01-12	9	6	1	1	5	4	3	3	2	1	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	1552	15	22.1	76	11	140	11	1050	18	286	11
GOOD	4318	42	20.9	293	42	525	40	2439	43	1061	40
AVERAGE	2777	27	19.4	215	31	403	31	1311	23	848	32
BELOW AVERAGE	671	6	19.3	48	7	118	9	304	5	201	8
VERY INADEQUATE	731	7	19.6	51	7	97	7	397	7	186	7
NO RESPONSE	312	3	20.9	18	3	30	2	198	3	66	2
NO. OF STUDENTS	10361			701		1313		5699		2648	

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	11451	20.5	5.5	19.3	4.4	20.9	5.6	20.4	4.3	20.4	4.4
COLLEGE CORE											
E4, M3, SS3, NS3	3183	22.1	5.2	20.7	4.5	22.3	5.5	21.5	4.1	21.8	4.2
In between	5246	20.7	5.4	19.4	4.3	21.0	5.5	20.5	4.2	20.5	4.3
E4, M2, SS2, NS2	2332	18.4	5.4	17.5	3.6	19.1	5.3	18.8	4.0	18.6	4.0
No Response	690	19.2	5.5	18.5	4.3	20.1	5.7	19.6	4.4	19.5	4.4
HS GPA RANGES											
3.50 - 4.00	3992	24.0	4.8	22.2	4.4	24.0	5.3	22.8	4.0	23.4	4.0
3.00 - 3.49	2838	19.9	4.5	18.5	3.5	20.2	4.9	19.9	3.6	19.8	3.5
2.50 - 2.99	1729	18.0	4.4	17.3	3.0	18.7	4.6	18.6	3.5	18.3	3.2
2.00 - 2.49	910	16.2	4.6	16.3	2.6	17.4	4.5	17.5	3.5	17.0	3.1
1.99 & below	235	15.6	4.8	15.5	2.2	16.5	4.4	16.7	3.5	16.2	3.1

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	3542	31	3.36	21.3	20.9
ENG 9, ENG 10, ENG 11, ENG 12	6667	58	3.23	20.3	20.3
LESS THAN 4 YEARS OF ENGLISH	541	5	3.15	20.1	20.0
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	701	6	- . -	19.2	19.5
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	637	6	3.53	23.0	23.6
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	1185	10	3.35	21.1	22.1
ALG 1, ALG 2, GEOM, TRIG	1546	14	3.15	19.9	21.1
ALG 1, ALG 2, GEOM, OTHER ADV MATH	640	6	2.95	18.4	19.9
ALG 1, ALG 2, GEOM	3091	27	2.66	16.9	18.3
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	2168	19	3.49	22.7	23.4
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	358	3	2.93	18.0	19.4
LESS THAN 3 YEARS OF MATH	1079	9	2.57	16.2	17.1
NO MATH COURSE/GRADE INFORMATION REPORTED	747	7	- . -	18.4	19.4
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	412	4	3.44	20.8	20.6
US HIST, WORLD HIST, AM GOVT	470	4	3.27	20.5	20.1
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	2475	22	3.51	21.7	21.0
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	2921	26	3.49	21.2	20.6
LESS THAN 3 YEARS OF SOC SCI	4387	38	3.30	20.5	20.1
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	786	7	- . -	20.1	19.5
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	1712	15	3.54	22.4	22.7
BIOLOGY, CHEMISTRY, PHYSICS	158	1	3.33	23.0	23.3
GEN SCIENCE, BIOLOGY, CHEMISTRY	2487	22	3.33	20.7	20.9
OTHER COMBINATIONS OF 3 YEARS NAT SCI	797	7	3.41	22.3	22.4
LESS THAN 3 YEARS OF NAT SCI	5505	48	3.08	19.4	19.3
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	792	7	- . -	19.5	19.4

STATE COMPOSITE FOR
WEST VIRGINIATABLE 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	1311	26	3.24	20.8	21.0
ENG 9, ENG 10, ENG 11, ENG 12	3018	60	3.11	19.8	20.5
LESS THAN 4 YEARS OF ENGLISH	252	5	2.97	19.4	19.8
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	430	9	- . -	18.9	19.6
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	296	6	3.47	23.8	23.8
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	427	9	3.25	21.7	22.0
ALG 1, ALG 2, GEOM, TRIG	645	13	3.05	20.5	21.2
ALG 1, ALG 2, GEOM, OTHER ADV MATH	205	4	2.96	18.9	19.8
ALG 1, ALG 2, GEOM	1210	24	2.58	17.1	18.0
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	1097	22	3.46	23.6	23.6
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	210	4	2.81	18.2	19.2
LESS THAN 3 YEARS OF MATH	468	9	2.54	16.5	16.9
NO MATH COURSE/GRADE INFORMATION REPORTED	453	9	- . -	18.9	19.6
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	216	4	3.45	20.2	20.4
US HIST, WORLD HIST, AM GOVT	236	5	3.26	20.3	20.2
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	994	20	3.48	21.4	21.1
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	1095	22	3.48	21.1	20.8
LESS THAN 3 YEARS OF SOC SCI	1995	40	3.27	20.3	20.3
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	475	9	- . -	20.0	19.6
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	794	16	3.54	23.1	23.0
BIOLOGY, CHEMISTRY, PHYSICS	83	2	3.37	24.3	24.6
GEN SCIENCE, BIOLOGY, CHEMISTRY	839	17	3.24	21.1	20.9
OTHER COMBINATIONS OF 3 YEARS NAT SCI	496	10	3.36	22.9	22.6
LESS THAN 3 YEARS OF NAT SCI	2325	46	3.02	19.7	19.1
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	474	9	- . -	20.0	19.5

STATE COMPOSITE FOR
WEST VIRGINIATABLE 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	2210	35	3.42	21.6	20.8
ENG 9, ENG 10, ENG 11, ENG 12	3614	57	3.32	20.7	20.2
LESS THAN 4 YEARS OF ENGLISH	287	5	3.29	20.6	20.1
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	263	4	- . -	19.8	19.4
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	339	5	3.59	22.3	23.4
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	754	12	3.42	20.8	22.2
ALG 1, ALG 2, GEOM, TRIG	896	14	3.22	19.5	21.0
ALG 1, ALG 2, GEOM, OTHER ADV MATH	431	7	2.96	18.2	20.0
ALG 1, ALG 2, GEOM	1858	29	2.72	16.7	18.5
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	1063	17	3.52	21.8	23.0
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	146	2	3.11	17.7	19.7
LESS THAN 3 YEARS OF MATH	601	9	2.58	16.0	17.3
NO MATH COURSE/GRADE INFORMATION REPORTED	286	4	- . -	17.8	19.2
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	196	3	3.43	21.4	20.9
US HIST, WORLD HIST, AM GOVT	229	4	3.28	20.7	19.9
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	1466	23	3.53	21.9	20.9
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	1813	28	3.49	21.2	20.5
LESS THAN 3 YEARS OF SOC SCI	2367	37	3.33	20.7	20.0
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	303	5	- . -	20.3	19.3
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	909	14	3.53	21.9	22.4
BIOLOGY, CHEMISTRY, PHYSICS	75	1	3.28	21.6	21.9
GEN SCIENCE, BIOLOGY, CHEMISTRY	1637	26	3.38	20.5	20.9
OTHER COMBINATIONS OF 3 YEARS NAT SCI	300	5	3.48	21.5	22.1
LESS THAN 3 YEARS OF NAT SCI	3144	49	3.13	19.1	19.4
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	309	5	- . -	18.8	19.2

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)	EDUC 1ST MAJOR VOC (PERCENT)	EDUC 1ST MAJOR VOC (PERCENT)	EDUC 1ST MAJOR VOC (PERCENT)
AGRICULTURE SCIENCE/TECH	213	18.5	49	44	3	3	1	1	2	2
ARCH & ENVIR DESIGN	151	21.2	40	45	2	2	1	1	2	2
BUSINESS & MGMT	815	19.9	39	48	10	9	7	7	8	8
BUSINESS & OFFICE	75	18.4	44	39	0	0	1	1	1	1
MARKETING & DISTRIBUTION	57	19.3	32	60	0	1	1	1	1	1
COMMUNICATION & COMM TEC	238	21.8	34	54	2	2	3	3	2	2
COMMUNITY & PRSNL SVCS	388	18.7	54	39	4	4	4	4	4	4
COMPUTER & INFO SCI	337	21.8	39	53	7	7	1	1	3	3
CROSS-DISC STUDIES	7	23.6	29	43	0	0	0	0	0	0
EDUCATION	579	20.3	52	40	3	2	8	8	6	6
TEACHER EDUCATION	361	19.1	51	39	4	5	3	4	4	4
ENGINEERING	438	22.1	35	52	10	9	1	1	4	4
ENGINEERING-RELATED TECH	296	20.8	36	50	6	7	1	1	3	3
FOREIGN LANGUAGES	36	22.1	53	36	0	0	0	0	0	0
HEALTH SCI & ALLIED HLTH	2868	20.3	57	36	16	17	38	40	29	30
HUMAN, FAMILY/CONS SCI	112	19.1	45	50	0	0	2	2	1	1
LETTERS	47	22.6	43	40	0	0	1	1	0	0
MATHEMATICS	28	24.5	21	54	0	0	0	0	0	0
PHILOS, RELIG & THEOL	72	22.3	57	36	1	1	0	1	1	1
SCI (BIOL & PHYSICAL)	466	22.6	43	47	5	4	4	4	5	4
SOCIAL SCIENCES	758	21.5	43	47	6	6	9	9	8	8
TRADE & INDUSTRIAL	144	17.7	54	35	3	4	0	0	1	2
VISUAL & PERFORM ARTS	546	20.6	51	36	6	6	5	6	5	6
UNDECIDED	924	20.4	8	16	11	10	8	7	9	8
NO RESPONSE	1495									

NUMBER OF STUDENTS - 11451

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	2014	18.4	18	AFRICAN-AMER/BLACK	350	17.5	3
COLL PREP	5699	21.8	50	AM INDIAN,ALASKAN NTV	34	20.1	0
OTHER/GENERAL/NO RESP	3738	19.4	33	CAUCASIAN-AMER/WHITE	10274	20.5	90
REQUEST ASSISTANCE WITH				MEXICAN-AMER/CHICANO	33	19.9	0
ED/OCCUP PLANS	3700	20.6	32	ASIAN-AMER,PACIFIC ISL	101	23.0	1
EXPR IDEAS IN WRITING	2603	19.4	23	PUERTO RICAN,HISPANIC	32	19.7	0
READING/COMPREHENSION	2810	18.7	25	OTHER	100	19.4	1
STUDY SKILLS	4351	19.4	38	MULTIRACIAL	105	20.8	1
MATH SKILLS	4270	19.0	37	PREFER NOT TO RESPOND	254	21.7	2
PERSONAL CONCERNS	930	19.4	8	NO RESPONSE	168	20.4	1
EXPRESSED FIN NEED				ESTIMATED FAMILY INCOME			
NEED FINANCIAL AID	9415	20.4	82	LESS THAN \$18,000	1198	18.7	10
NEED TO FIND WORK	6973	20.1	61	ABOUT \$18,000-\$24,000	941	19.3	8
SPECIAL COLLEGE PROG				ABOUT \$24,000-\$30,000	878	19.8	8
INDEP STUDY	3667	21.5	32	ABOUT \$30,000-\$36,000	784	20.3	7
HONORS COURSES	2963	23.3	26	ABOUT \$36,000-\$42,000	883	20.2	8
ADV PLACEMENT IN COLL				ABOUT \$42,000-\$50,000	1027	20.2	9
ENGLISH	2638	22.8	23	ABOUT \$50,000-\$60,000	1125	20.7	10
MATH	2236	23.1	20	ABOUT \$60,000-\$80,000	1434	21.5	13
SOCIAL STUDIES	2021	22.4	18	ABOUT \$80,000-\$100,000	815	21.9	7
NATURAL SCIENCE	1845	22.5	16	MORE THAN \$100,000	661	22.6	6
FOREIGN LANG	1148	22.2	10	NO RESPONSE	1705	20.3	15
MAX YEARLY COLL TUITION				HS CLASS RANK			
\$1000 & UNDER	389	17.7	3	TOP QTR	4366	23.2	38
\$1001 - \$2000	559	18.2	5	2ND QTR	3966	19.1	35
\$2001 - \$4000	1555	19.3	14	3RD QTR	1751	17.3	15
\$4001 - \$7500	1424	20.2	12	4TH QTR	180	16.7	2
\$7501 & OVER	439	20.5	4	NO RESPONSE	1188	19.8	10
NO PREFERENCE	5868	21.2	51	EDUC DEG ASPIRATION			
NO RESPONSE	1217	20.1	11	VOC-TECH	195	17.2	2
MOST RECENTLY TESTED				2YR COL DEGREE	797	17.2	7
SOPHOMORE	90	22.1	1	BACHELORS DEGREE	4257	19.7	37
JUNIOR	2258	22.0	20	GRAD STUDY	1654	22.0	14
SENIOR	8410	19.9	73	PROF LEVEL DEGREE	3404	22.0	30
OTHER/NO RESPONSE	693	21.0	6	OTHER	320	18.1	3
COLLEGE CORE PREPARATION				NO RESPONSE	824	19.4	7
CORE OR MORE	3183	21.8	28	NUMBER OF STUDENTS			
LESS THAN CORE	7578	19.9	66	HOME SCHOOLED	55	21.9	0
NO RESPONSE	690	19.5	6	EARNED A GED	35	19.0	0
				ALL STUDENTS	11451	20.4	100

STATE COMPOSITE FOR
WEST VIRGINIA

TABLE 12 STUDENTS' SCORE REPORT PREFERENCES AT TIME OF TESTING

INSTITUTION CODE NAME	ST	TOTAL NUMBER	STANDARD FOR TRANSITION RANGES									
			1ST CHOICE NUMBER	2ND-6TH CHOICES NUMBER	01- 12 PCT	13- 15 PCT	16- 19 PCT	20- 23 PCT	24- 27 PCT	28- 32 PCT	33- 36 PCT	
4540 WEST VIRGINIA UNIV	WV	5558	2401	3157	1	8	29	35	20	7	0	
4526 MARSHALL UNIVERSITY	WV	4327	1536	2791	1	10	31	35	18	5	0	
4520 FAIRMONT STATE COLL	WV	2562	796	1766	2	13	37	32	13	3	0	
4516 CONCORD COLLEGE	WV	1265	391	874	1	13	34	34	15	3	0	
4532 SHEPHERD UNIVERSITY	WV	863	350	513	1	10	35	31	17	5	0	
4539 WEST VIRGINIA HIGHER	WV	813	320	493	2	13	27	32	20	6	0	
4538 WEST VIRGINIA STATE	WV	812	223	589	1	18	39	31	9	2	0	
4522 GLENVILLE STATE COLL	WV	751	209	542	2	21	38	29	10	1	0	
4536 W VA U INST OF TECH	WV	751	224	527	2	16	36	29	15	3	0	
4528 UNIV OF CHARLESTON	WV	738	125	613	1	12	34	34	15	3	0	
4544 WEST VIRGINIA WESLYN	WV	725	124	601	0	8	25	35	23	7	0	
4534 WEST LIBERTY STATE C	WV	679	210	469	2	12	40	30	14	1	0	
4542 WVU AT PARKERSBURG	WV	633	250	383	2	14	40	28	13	2	0	
4510 MOUNTAIN STATE UNIV	WV	607	131	476	2	15	42	30	10	1	0	
4514 BLUEFIELD STATE COLL	WV	561	187	374	2	20	40	31	7	0	0	
4508 ALDERSON BROADDUS C	WV	529	105	424	1	12	32	33	19	3	0	
4529 POTOMAC ST C OF WVU	WV	472	168	304	2	19	36	31	11	1	0	
4518 DAVIS AND ELKINS COL	WV	394	63	331	2	14	35	31	15	3	0	
4546 WHEELING JESUIT UNIV	WV	336	54	282	1	8	31	32	20	7	1	
1554 UNIV OF KENTUCKY	KY	287	52	235	0	3	19	35	32	10	1	
4420 VIRGINIA TECH	VA	284	42	242	1	6	18	31	26	16	2	
4512 BETHANY COLLEGE-WV	WV	273	53	220	2	9	33	30	21	5	1	
3312 OHIO STATE-COLUMBUS	OH	269	37	232	0	4	22	32	28	12	1	
4525 SO WV C TECH C-LOGAN	WV	256	114	142	2	27	39	23	9	0	0	
4535 WEST VIRGINIA NO C C	WV	224	72	152	4	21	48	22	4	1	0	
4551 ST MARY'S/MARSHALL U	WV	164	19	145	3	19	39	27	10	2	0	
9999 NCAA CLEARINGHOUSE	IA	151	43	108	1	10	28	34	21	6	1	
7000 UNLISTED INSTITUTION	IA	138	23	115	5	19	27	33	13	4	0	
3290 MARIETTA COLLEGE	OH	136	33	103	1	4	20	33	35	8	0	
4530 SALEM INTL UNIV	WV	131	16	115	0	18	33	31	14	4	1	
3314 OHIO U-ATHENS	OH	129	20	109	2	2	22	35	26	12	0	
3656 PENN ST-UNIV PARK	PA	129	16	113	2	3	19	30	27	19	0	
3734 U PITTSBURGH	PA	121	9	112	0	2	10	26	38	24	0	
4549 WV U SCH/RADIOLOGY	WV	121	20	101	2	16	45	26	9	2	0	
4548 OHIO VALLEY COLLEGE	WV	106	24	82	0	7	42	27	20	5	0	
ALL OTHER INSTITUTIONS		6808	1421	5387	1	9	26	28	21	13	2	
TOTALS		33103	9881	23222	1	11	31	32	18	6	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	(213)	(18.5)	BUSINESS & OFFICE	(75)	(18.4)
AGRICULTURAL BUSINESS	1	19.0	BOOKKEEPING/ACCT TECH	7	18.4
AGRICULTURAL ECONOMICS	0	0.0	BUSINESS DP/COMPUTER OPER	1	21.0
AGRICULTURAL MECHANICS	1	15.0	COURT REPORTING	1	17.0
AGRI PRODUCTION/TECH	3	16.3	OFFICE SUPERVISION & MGMT	2	18.5
AGRONOMY	2	18.0	SECRETARIAL	8	16.5
ANIMAL SCIENCES	32	20.3	TYPING & GENERAL OFFICE	2	16.0
FARM & RANCH MANAGEMENT	4	19.0	WORD PROCESSING	1	18.0
FISH, GAME, WILDLIFE MGMT	31	17.4	BUSINESS & OFFICE, GEN	53	18.8
FOOD SCIENCES/ENGINEERING	0	0.0			
FORESTRY & RELATED SCI	27	17.6	MARKETING & DISTRIBUTION	(57)	(19.3)
HORTICULTURE/ORNMENTAL HORT	2	24.0	FASHION MERCHANDISING	16	16.6
NATURAL RESOURCES MGMT	2	21.0	RETAILING & SALES	4	19.5
AGRICULTURE & AG TECH, GEN	108	18.4	TRAVEL SERVICES & TOURISM	0	0.0
			MARKETING & DISTRIB, GEN	37	20.5
ARCH & ENVIR DESIGN	(151)	(21.2)			
ARCHITECTURAL DRAFTING	21	21.6	COMMUNICATIONS & COMM TECH	(238)	(21.8)
ARCHITECTURE	22	21.8	ADVERTISING	10	23.4
BLDG CON/CONSTRUCTION SCI	5	17.0	GRAPHIC/COMMERCIAL ART	8	19.9
CITY, COMM & REG PLANNING	0	0.0	GRAPHIC & PRINT COMMUNIC	1	13.0
ENVIRONMENTAL DESIGN	0	0.0	JOURNALISM	64	23.1
INTERIOR DESIGN	18	20.2	PHOTO/FILM/VIDEO TECH	5	19.0
LANDSCAPE ARCHITECTURE	10	20.2	PUBLIC RELATIONS	10	24.1
ARCHI & ENVIR DESIGN, GEN	75	21.6	RADIO/TV BROADCASTING	28	21.3
			RADIO/TV PRODUCTN & TECH	5	20.0
BUSINESS & MGMT	(815)	(19.9)	COMMUNIC & COMM TECH, GEN	107	21.3
ACCOUNTING	103	20.9			
BANKING & FINANCE	20	21.9	COMMNTY & PRSNL SVCS	(388)	(18.7)
BUSINESS ADMIN & MGMT	89	19.4	CORRECTIONS	2	17.0
BUSINESS ECONOMICS	10	19.6	COSMETOLOGY/HAIRSTYLING	16	17.1
CONTRACT MGMT & PURCHSING	1	19.0	CRIMINAL JUSTICE/CRIMINOL	141	18.3
HOTEL/RESTAURANT MGMT	11	20.1	FIRE PROTECTN/SAFETY TECH	3	15.7
HUMAN RESOURCE DEVEL/TRNG	2	17.0	FUNERAL SVCS/MORTUARY SCI	5	17.6
INSTITUTIONAL MANAGEMENT	0	0.0	LAW ENFORCEMENT & ADMIN	35	19.4
INSURANCE & RISK MGMT	1	18.0	LIBRARY SCI/LIB ASSISTING	2	18.0
INTERNATL BUSINESS/MGMT	11	22.5	MILITARY SCIENCE/TECH	4	20.3
LABOR/INDUSTRL RELATIONS	0	0.0	PARKS & RECREATION	1	17.0
MANAGEMENT INFO SYSTEMS	0	0.0	PUBLIC ADMINISTRATION	0	0.0
MANAGEMENT SCIENCE	1	20.0	PUBLIC AFFAIRS	2	18.5
MARKETING MGMT & RESEARCH	25	21.3	SOCIAL WORK	28	18.9
ORGANIZATIONAL BEHAVIOR	2	15.0	COMMNTY & PRSNL SVCS, GEN	149	19.2
PERSONNEL MANAGEMENT	3	19.0			
REAL ESTATE	8	17.4			
SML BUSINESS MGMT/OWNRSHIP	24	20.3			
TRADE & INDUSTRIAL MGMT	1	15.0			
TRANSPORTATION MANAGEMENT	0	0.0			
BUSINESS & MGMT, GEN	503	19.7			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	(337)	(21.8)	ENGINEERING	(438)	(22.1)
COMPUTER PROGRAMMING	112	20.9	AEROSPACE ENGINEERING	31	24.4
COMPUTER SCIENCE	56	22.6	AGRICULTURAL ENGINEERING	0	0.0
DATA PROCESSING	0	0.0	ARCHITECTURAL ENGINEERING	5	20.2
INFO SCIENCES & SYSTEMS	13	23.7	BIOENGINEER & BIOMED ENG	4	20.3
MATH/COMPUTER SCIENCE	7	25.4	CERAMIC ENGINEERING	0	0.0
COMPUTER & INFO SCI, GEN	149	21.7	CHEMICAL ENGINEERING	26	25.8
CROSS-DISC STUDIES	(7)	(23.6)	CIVIL ENGINEERING	29	21.8
AREA & ETHNIC STUDIES	1	16.0	COMPUTER ENGINEERING	27	23.7
LIBERAL ARTS/GEN STUDIES	4	24.8	CONSTRUCTION ENG/MGMT	8	19.1
MULTI-/INTERDISC STUDIES	1	29.0	ELECTRCL & ELECTRONIC ENG	24	21.0
CROSS-DISC STUDIES, GEN	1	21.0	ENGINEERING MANAGEMENT	1	23.0
EDUCATION	(579)	(20.3)	ENGINEERING PHYSICS	0	0.0
ADULT & CONTINUING EDUC	0	0.0	ENGINEERING SCIENCE	2	24.0
EDUCATION ADMINISTRATION	7	19.3	ENVIRONMENTAL HEALTH ENG	2	18.5
ELEMENTARY EDUCATION	154	19.4	GEOLOGICAL & GEOPHYS ENG	2	16.5
JR HIGH/MIDDLE SCH EDUC	19	19.1	INDUSTRIAL ENGINEERING	2	16.0
PRE-ELEMENTARY EDUCATION	28	17.9	MATERIALS ENGINEERING	2	20.0
SECONDARY EDUCATION	79	21.9	MECHANICAL ENGINEERING	46	20.5
STUDENT COUNSELING	6	21.0	METALLURGICAL ENGINEERING	0	0.0
TEACHER AIDE	3	14.7	MINING & MINERAL ENG	1	21.0
EDUCATION, GENERAL	283	20.7	NAVAL ARCHIT & MARINE ENG	0	0.0
TEACHER EDUCATION	(361)	(19.1)	NUCLEAR ENGINEERING	0	0.0
AGRICULTURAL EDUCATION	4	14.8	OCEAN ENGINEERING	1	33.0
ART EDUCATION	12	20.4	PETROLEUM ENGINEERING	2	22.0
BUSINESS EDUCATION	1	22.0	SYSTEMS ENGINEERING	0	0.0
ENGLISH EDUCATION	15	21.1	ENGINEERING, GENERAL	223	21.9
FOREIGN LANGUAGES EDUC	3	20.3	ENGINEERING-RELATED TECH	(296)	(20.8)
HEALTH EDUCATION	0	0.0	AERONAUTICAL TECHNOLOGY	11	24.2
HUMAN, FAM/CONS SCI EDUC	0	0.0	AC, HEATING, REFRIG TECH	1	14.0
INDUSTRIAL ARTS EDUCATION	0	0.0	ARCHITECTURAL DESIGN TECH	15	23.1
MATHEMATICS EDUCATION	7	19.9	BIOMEDICAL EQUIPMENT TECH	0	0.0
MUSIC EDUCATION	37	19.9	CIVIL ENGINEERING TECH	13	22.1
PHYSICAL EDUCATION	43	17.3	COMPUTER ENGINEERING TECH	32	21.8
SCIENCE EDUCATION	5	20.0	CONSTRUCTION/BLDG TECH	9	16.8
SOC STUDIES/SOC SCI EDUC	21	19.8	DRAFTING & DESIGN TECH	10	17.6
SPECIAL EDUCATION	12	17.5	ELECTRICAL ENG TECHNOLOGY	21	18.9
SPEECH CORRECTION EDUC	3	21.3	ELECTRONIC ENG TECHNOLOGY	10	17.0
TEACHING ENGL AS 2ND LANG	0	0.0	ELECTROMECHAN INSTR TECH	1	20.0
TECH/TRADE & IND ED	1	19.0	ENVIRONMENTAL CONTRL TECH	1	19.0
TEACHER EDUCATION, OTHER	8	17.4	INDUSTRRL PRODUCTION TECH	2	19.5
TEACHER EDUCATION, GEN	189	19.2			

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	(112)	(19.1)
MANUFACTURING TECHNOLOGY	0	0.0	CHILD DEV, CARE, GUIDANCE	20	18.0
MECHANICAL ENG TECH	25	20.4	CHILD CARE AIDE/ASSISTING	2	13.0
MINING & PETROLEUM TECH	1	21.0	CULINARY ARTS	28	19.8
OCCUPATL SFTY & HLTH TECH	0	0.0	FAMILY/CONS RESOURCE MGMT	2	18.5
SURVEYING & MAPPING TECH	1	24.0	FASHION DESIGN	1	15.0
ENGINEERING TECH, OTHER	12	18.9	FOOD PRODUCTN, MGMT, SVCS	1	18.0
ENGINEER-RELATD TECH, GEN	131	21.3	FOOD SCI & NUTR/DIETETICS	5	19.4
			HUMAN ENVIRON & HOUSING	1	21.0
FOREIGN LANGUAGES	(36)	(22.1)	INDIVIDUAL & FAMILY DEVEL	2	17.5
ASIATIC LANGUAGES	3	25.7	TEXTILES AND CLOTHING	0	0.0
CLASSICAL LANGUAGES	2	20.5	HUMAN, FAM/CONS SCI, GEN	50	19.5
FRENCH	0	0.0			
GERMAN	1	24.0	LETTERS	(47)	(22.6)
ITALIAN	0	0.0	CLASSICS	0	0.0
MIDDLE EASTERN LANGUAGES	1	19.0	COMPARATIVE LITERATURE	0	0.0
RUSSIAN	0	0.0	CREATIVE WRITING	22	22.6
SPANISH	12	20.8	ENGLISH, GENERAL	6	23.2
FOREIGN LANGUAGES, OTHER	4	20.5	LINGUISTICS	1	26.0
FOREIGN LANGUAGES, GEN	13	23.3	LITERATURE, ENGLISH/AMER	6	24.3
			SPEECH & RHETORICAL STUDY	0	0.0
HEALTH SCI & ALLIED HLTH	(2868)	(20.3)	LETTERS, GENERAL	12	21.3
CHIROPRACTIC	15	22.1			
DENTAL ASSISTING	4	15.5	MATHEMATICS	(28)	(24.5)
DENTAL HYGIENE	36	18.0	ACTUARIAL SCIENCES	2	22.5
DENTAL LAB/TECHNOLOGY	1	18.0	APPLIED MATHEMATICS	2	21.5
DENTISTRY	46	21.1	STATISTICS	2	21.5
EMERG MED TECH/PARAMEDIC	8	18.5	MATHEMATICS, GENERAL	22	25.3
HEALTH CARE ADMIN	4	20.3			
MEDICAL/SURG ASSISTING	24	18.2	PHILOS, RELIG & THEOLOGY	(72)	(22.3)
MEDICAL LAB/TECHNOLOGY	19	18.0	BIBLE STUDIES	8	23.4
MED RECORDS ADMIN/TECH	4	15.8	PHILOSOPHY	3	27.3
MEDICINE	252	23.5	RELIGION	7	23.7
MNTL HLTH & HUM SVCS/TECH	8	19.9	RELIGIOUS EDUCATION	6	21.3
NUCLEAR MEDICINE TECH	2	19.0	RELIGIOUS MUSIC	6	22.3
NURSING (PRACTICAL)	41	17.7	THEOLOGY	10	19.7
NURSING (REGISTERED)	430	18.9	PHILOS, RELIG & THEOL, GEN	32	22.2
OCCUPATNL THERAPY/ASSIST	24	18.8			
OPTOMETRY	17	24.0			
PHARMACY	149	22.7			
PHYSICIAN ASSISTING	31	18.7			
PHYSICAL THERAPY/ASSIST	162	20.1			
RADIOLOGY/RADIOLOGIC TECH	134	18.1			
REC/ART/MUSIC THERAPY	3	17.0			
RESPIRATORY THERAPY/TECH	12	17.8			
SPEECH PATHOL/AUDIOLOGY	13	21.0			
VETERINARIAN ASSISTING	14	18.4			
VETERINARY MEDICINE	86	21.2			
HEALTH SCI & ALLIED, GEN	1329	20.2			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL) (	466)	(22.6)	VISUAL/PERFORM ARTS	(546)	(20.6)
ASTRONOMY	9	22.9	APPLIED DESIGN/CRAFTS	3	17.3
ATMOSPHER SCI & METEOROL	6	19.7	ART	42	19.9
BIOCHEMISTRY & BIOPHYSICS	20	24.7	ART HIST & APPRECIATION	3	19.0
BIOLOGY	120	22.6	CINEMATOGRAPHY/FILM/VIDEO	26	23.0
BOTANY	3	22.0	DANCE	15	20.9
CHEMISTRY	52	24.1	DESIGN, GENERAL	11	21.1
EARTH SCIENCE	5	21.0	DRAMA/THEATRE ARTS	32	22.5
ECOLOGY/ENV STUDIES	7	21.9	FINE ARTS, GENERAL	12	20.3
GEOLOGY	4	17.8	GRAPHIC ARTS TECHNOLOGY	13	20.9
MICROBIOLOGY	6	26.8	GRAPHIC DESIGN	37	20.1
OCEANOGRAPHY	1	14.0	MUSIC (LIBERAL ARTS)	23	21.1
PHYSICS	9	28.6	MUSIC PERFORMANCE	43	21.8
ZOOLOGY	22	20.7	MUSIC THEORY & COMPOSIT	14	22.2
SCIENCES (BIO & PHYS), GEN	202	22.0	PHOTOGRAPHY	21	18.5
			VISUAL/PERFORM ARTS, GEN	251	20.1
SOCIAL SCIENCES (	758)	(21.5)	UNDECIDED	(924)	(20.4)
ANTHROPOLOGY	3	19.7			
ECONOMICS	1	18.0			
GEOGRAPHY	1	28.0			
HISTORY	28	21.4			
INTERNATIONAL RELATIONS	14	28.1			
LAW	162	21.2			
PARALEGAL/LEGAL ASSISTING	13	18.2			
POLITICAL SCI/GOVERNMENT	56	23.3			
PSYCHOLOGY	244	21.3			
SOCIOLOGY	8	19.4			
URBAN STUDIES	0	0.0			
SOCIAL SCIENCES, GENERAL	228	21.4			
TRADE & INDUSTRIAL (	144)	(17.7)			
AIRCRAFT TECHNICIAN	1	16.0			
AIRPLANE PILOTING & NAVIG	9	22.2			
AUTOMOTIVE BODY REPAIR	8	17.8			
AUTOMOTIVE TECHNOLOGY	16	17.6			
AVIATION MANAGEMENT	2	14.5			
COMPUTER ELECTRNCS/REPAIR	3	18.7			
CONSTRCT TRADES & CARPENT	8	19.0			
DIESEL MECHANICS & TECH	4	13.5			
DRAFTING	0	0.0			
ELECTRICAL EQUIP REPAIR	3	20.3			
HEATING, AC, REFRIG MECH	3	16.3			
MACHINE TECHNOLOGY	5	17.6			
MECHANICAL DRAFTING	0	0.0			
WELDING & WELDING TECH	19	16.2			
TRADE & INDUSTRIAL, GEN	63	17.7			

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)	67	17.1	9	17.7	56	17.0	11	17.0	56	17.2
BUSINESS OPER (04-05)	87	16.9	13	18.0	73	16.7	42	16.9	45	16.9
TECHNICAL (06-07)	275	16.7	41	17.9	222	16.5	165	16.5	109	17.0
SCIENCE & TECH (08-09)	160	18.2	27	19.1	130	18.0	78	18.6	82	17.9
ARTS (10-11)	67	17.4	9	17.1	53	17.4	15	17.8	52	17.3
SOCIAL SERVICE (12-01)	55	17.5	12	17.8	43	17.4	10	17.0	45	17.6
OTHER*	281	17.2	42	18.0	227	17.0	94	17.0	187	17.2
TOTAL	992	17.2	153	18.1	804	17.0	415	17.1	576	17.3
<u>PLAN ON 4-YEARS OR MORE OF COLLEGE</u>										
ADMIN & SALES (02-03)	994	20.9	303	21.9	675	20.4	306	21.7	687	20.5
BUSINESS OPER (04-05)	691	20.1	170	21.6	516	19.7	343	19.9	346	20.3
TECHNICAL (06-07)	1269	20.3	386	21.6	865	19.7	788	20.3	477	20.3
SCIENCE & TECH (08-09)	1637	21.7	545	22.8	1058	21.1	790	21.7	837	21.6
ARTS (10-11)	1045	21.5	322	22.3	708	21.1	323	21.9	714	21.3
SOCIAL SERVICE (12-01)	992	21.0	291	21.8	691	20.7	284	21.2	700	20.9
OTHER*	2687	20.8	832	22.0	1692	20.1	1179	21.1	1493	20.5
TOTAL	9315	20.9	2849	22.1	6205	20.4	4013	21.1	5254	20.8

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

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

REFERENCE GROUP	NUMBER OF STUDENTS	ACADEMIC AREA GRADES				HS GPA AVG	HS GPA SD
		ENGLISH	MATH	SOCIAL STUDIES	NATURAL SCIENCE		
MALE	4080	3.15	3.03	3.38	3.21	3.18	0.60
FEMALE	5581	3.36	3.10	3.43	3.29	3.29	0.57
NO RESPONSE	43	3.11	2.76	3.19	2.69	2.92	0.72
AFRICAN-AMERICAN/BLACK	281	2.96	2.74	3.08	2.88	2.92	0.63
CAUCASIAN-AMERICAN/WHITE	8783	3.28	3.08	3.42	3.27	3.25	0.58
OTHER MINORITY	249	3.33	3.14	3.46	3.31	3.30	0.57
MISSING/PREFER NO RESP	391	3.21	3.03	3.32	3.18	3.19	0.64
TOTAL	9704	3.27	3.07	3.41	3.25	3.24	0.59

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 62, THIS MEANS THAT 62% 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 54 PERCENT OF STUDENTS SCORED BELOW 21.

TABLE 4 EXAMPLE

STD SCORE	ACT COMPOSITE	
	FREQ	CP
36	1	99
35	6	99
34	15	99
33	39	99
32	46	99
31	90	99
30	148	98
29	172	97
28	241	95
27	340	93
26	446	90
25	526	87
24	636	82
23	768	76
22	844	70
21	980	62
20	994	54
19	1004	45
18	996	36
17	886	28
16	800	20
15	614	13
14	418	8
13	277	4
12	134	1
11	26	1
10	4	1
9	0	1
8	0	1
7	0	1
6	0	1
5	0	1
4	0	1
3	0	1
2	0	1
1	0	1

62 --- 62% OF THE STUDENTS SCORE AT OR BELOW 21
54 --- 54% OF THE STUDENTS SCORE BELOW 21

