

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

**STATE COMPOSITE FOR  
MISSISSIPPI**

**CODE 250-000**



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	12987	10164	55/ 43	20.0/16.7	18.8/16.3	19.9/17.2	19.6/17.3	19.7/17.0
2001-02	12491	10143	53/ 43	20.2/16.8	18.9/16.3	20.0/17.2	19.7/17.3	19.8/17.1
2002-03	12812	10536	53/ 44	20.4/16.9	18.9/16.3	20.1/17.4	19.8/17.5	19.9/17.1
2003-04	12330	10501	52/ 44	20.5/17.1	19.0/16.5	20.3/17.6	19.8/17.6	20.0/17.3
2004-05	12149	10516	51/ 44	20.4/17.0	19.0/16.4	20.2/17.4	19.7/17.4	20.0/17.2

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
2000-01	23793	18.5	17.7	18.7	18.6	18.5
2001-02	23395	18.7	17.7	18.8	18.6	18.6
2002-03	24153	18.8	17.7	18.9	18.7	18.7
2003-04	23815	18.9	17.9	19.0	18.8	18.8
2004-05	23819	18.8	17.8	18.9	18.6	18.7

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
Q3 (75TH PERCENTILE)	22.3	19.6	22.6	21.1	21.3
Q2 (50TH PERCENTILE - MEDIAN)	18.3	16.6	17.8	18.4	17.9
Q1 (25TH PERCENTILE)	14.6	15.0	14.3	15.7	15.3

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= 4031)	(N= 55)	(N= 7067)	(N= 47)	(N= 186)	(N= 51)
ENGLISH	16.9	20.3	22.4	21.9	22.2	20.1
USAGE/MECH	8.3	10.2	11.5	11.2	11.3	10.0
RHET SKILLS	8.5	10.4	11.4	11.3	11.2	10.3
MATHEMATICS	16.3	18.2	20.5	20.4	21.9	19.1
PRE/ELEM-ALG	8.0	9.4	10.9	10.6	11.6	10.0
ALG/CRD-GEOM	8.1	9.3	10.2	10.2	11.1	9.4
PLANE GEOM/TRIG	7.7	9.0	10.1	10.2	10.9	9.1
READING	16.8	20.3	22.0	22.4	22.0	19.6
SOC STU/SCI	8.5	10.4	11.2	11.0	11.4	10.3
ARTS/LITERATURE	8.2	10.2	11.3	11.9	10.9	9.6
SCIENCE	17.2	19.0	21.1	21.4	22.0	19.7
COMPOSITE	17.0	19.6	21.6	21.6	22.1	19.8
LESS THAN CORE	(N= 4159)	(N= 44)	(N= 5611)	(N= 62)	(N= 66)	(N= 30)
ENGLISH	14.9	15.3	18.6	17.7	18.4	16.0
USAGE/MECH	7.1	7.2	9.3	8.5	9.2	7.9
RHET SKILLS	7.4	7.8	9.4	9.1	9.3	7.8
MATHEMATICS	15.2	15.9	17.3	17.6	18.5	16.6
PRE/ELEM-ALG	7.0	7.7	8.7	9.1	9.4	8.0
ALG/CRD-GEOM	7.4	7.8	8.5	8.7	8.8	8.4
PLANE GEOM/TRIG	7.1	7.6	8.5	8.8	9.2	8.0
READING	15.3	16.4	18.8	18.7	19.2	16.8
SOC STU/SCI	7.8	8.2	9.5	9.4	9.4	8.5
ARTS/LITERATURE	7.2	8.0	9.5	9.2	10.0	8.2
SCIENCE	16.0	16.8	18.4	18.6	19.0	16.9
COMPOSITE	15.5	16.2	18.4	18.3	18.9	16.6
NO RESPONSE	(N= 242)	(N= 14)	(N= 729)	(N= 5)	(N= 10)	(N= 4)

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 R ICAN, HISPANIC AVERAGE
TOTAL GROUP	(N= 8432)	(N= 113)	(N= 13407)	(N= 114)	(N= 262)	(N= 85)
ENGLISH	15.8	17.5	20.6	19.5	21.0	18.7
USAGE/MECH	7.6	8.6	10.5	9.7	10.7	9.3
RHET SKILLS	7.9	9.0	10.4	10.0	10.6	9.4
MATHEMATICS	15.7	17.0	19.0	18.8	21.0	18.1
PRE/ELEM-ALG	7.5	8.4	9.9	9.7	11.0	9.2
ALG/CRD-GEOM	7.7	8.6	9.4	9.3	10.5	9.0
PLANE GEOM/TRIG	7.4	8.3	9.4	9.4	10.5	8.7
READING	16.0	18.2	20.6	20.1	21.1	18.7
SOC STU/SCI	8.1	9.3	10.4	10.0	10.8	9.7
ARTS/LITERATURE	7.7	9.0	10.5	10.3	10.5	9.2
SCIENCE	16.6	17.9	19.9	19.8	21.1	18.7
COMPOSITE	16.2	17.8	20.1	19.7	21.2	18.6

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 R ICAN, HISPANIC NUMBER AVG
HIGH SCHOOL AVERAGE						
3.50 - 4.00	1148 19.4	24 21.7	4536 23.3	26 23.2	119 24.2	20 23.4
3.00 - 3.49	2036 17.1	28 18.7	3195 19.8	31 20.1	65 20.0	25 18.5
2.50 - 2.99	2087 15.6	17 15.9	2079 17.9	17 17.5	25 16.9	16 16.1
2.00 - 2.49	1593 14.8	11 16.4	1186 16.8	17 16.2	14 16.5	10 15.2
1.99 & BELOW	602 14.4	7 15.3	424 16.1	3 19.3	8 16.3	3 14.7
CGPA PRED BY STUDENT						
3.5 - 4.0	1043 19.0	15 21.3	3454 23.6	20 23.1	97 24.2	20 23.4
3.0 - 3.4	2722 16.9	38 18.7	4773 20.0	50 19.6	92 19.8	31 17.6
2.5 - 2.9	2074 15.7	16 17.4	2334 18.2	24 18.8	30 19.5	16 16.6
2.0 - 2.4	1506 14.7	13 16.5	1309 16.6	10 17.1	12 16.2	5 13.8
1.9 & BELOW	491 14.0	4 15.5	379 15.7	3 13.7	8 16.3	2 16.0
HIGH SCHOOL RANK						
TOP QUARTER	1985 18.2	26 20.5	5000 22.9	37 22.1	121 24.3	26 21.8
2ND QUARTER	3232 15.9	27 19.1	4396 18.9	43 19.2	79 18.6	28 17.6
BOTTOM HALF	2423 15.0	32 16.4	2401 17.1	27 17.3	37 17.4	18 16.4



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	5202	22	2784	12	920	4	129	1
	FEMALE	6747	28	3734	16	1388	6	126	1
	TOTAL	11985	50	6540	27	2314	10	257	1
NO. & VARIETY OF COURSE OFFERINGS	MALE	4359	18	2473	10	2035	9	175	1
	FEMALE	5445	23	2792	12	3518	15	230	1
	TOTAL	9832	41	5284	22	5570	23	407	2
GRADING PRACTICES & POLICIES	MALE	4435	19	3051	13	1335	6	221	1
	FEMALE	6181	26	3661	15	1881	8	256	1
	TOTAL	10650	45	6734	28	3223	14	480	2
NO. & KINDS OF TESTS GIVEN	MALE	4212	18	3419	14	1229	5	173	1
	FEMALE	5578	23	4207	18	1988	8	193	1
	TOTAL	9821	41	7650	32	3226	14	368	2
GUIDANCE SERV PROVIDED BY GUIDANCE OFFICE	MALE	4261	18	2593	11	1633	7	546	2
	FEMALE	5520	23	3047	13	2724	11	681	3
	TOTAL	9816	41	5658	24	4366	18	1230	5
SCHOOL RULES, REGULATIONS, & POLICIES	MALE	3468	15	2680	11	2616	11	261	1
	FEMALE	4450	19	3293	14	3959	17	268	1
	TOTAL	7943	33	5994	25	6592	28	532	2
LIBRARY OR LEARNING CENTER	MALE	4540	19	2840	12	1324	6	321	1
	FEMALE	6292	26	3399	14	1869	8	412	2
	TOTAL	10865	46	6260	26	3201	13	737	3
LABORATORY FACILITIES	MALE	3916	16	2851	12	1685	7	576	2
	FEMALE	5069	21	3592	15	2469	10	833	3
	TOTAL	9012	38	6464	27	4166	17	1415	6
PROVISIONS FOR SPECIAL HELP IN READING, MATH, ETC	MALE	3596	15	2714	11	1306	5	1409	6
	FEMALE	4948	21	3160	13	2053	9	1814	8
	TOTAL	8576	36	5894	25	3367	14	3229	14
PROVISIONS FOR ACADEMICALLY OUTSTANDING STU	MALE	4560	19	2587	11	1145	5	740	3
	FEMALE	6523	27	2861	12	1761	7	829	3
	TOTAL	11117	47	5467	23	2912	12	1576	7
ADEQUACY OF PROG IN CAREER EDUC & PLANNING	MALE	3911	16	2997	13	1503	6	602	3
	FEMALE	5201	22	3537	15	2399	10	812	3
	TOTAL	9143	38	6554	28	3912	16	1419	6

NUMBER OF STUDENTS - 23819

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 23819)

STD SCORE	ACT ENGLISH		ACT MATHEMATICS		ACT READING		ACT SCIENCE		ACT COMPOSITE	
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP
36	30	99	9	99	80	99	19	99	3	99
35	120	99	47	99	111	99	40	99	14	99
34	207	99	47	99	171	99	44	99	35	99
33	142	99	21	99	193	98	49	99	54	99
32	221	98	48	99	134	98	48	99	90	99
31	256	97	69	99	261	97	90	99	135	99
30	225	96	75	99	307	96	23	99	205	99
29	518	95	166	99	395	95	152	99	268	98
28	438	93	235	98	441	93	177	98	292	97
27	408	91	340	97	607	91	282	97	426	95
26	648	89	488	96	610	89	531	96	543	94
25	831	87	454	94	614	86	558	94	688	91
24	812	83	873	92	1031	84	852	92	771	88
23	829	80	713	88	1105	79	1120	88	901	85
22	1275	76	649	85	900	75	1285	83	1230	81
21	1378	71	775	82	954	71	1906	78	1410	76
20	1539	65	1090	79	1736	67	2234	70	1597	70
19	1676	59	1453	74	1343	59	2294	60	1850	64
18	1519	51	1810	68	1310	54	2691	51	2215	56
17	1461	45	2705	61	1492	48	2178	40	2305	47
16	1564	39	3970	49	2138	42	1696	30	2407	37
15	2064	32	3486	33	1472	33	1685	23	2255	27
14	1556	24	2406	18	2425	27	1178	16	1920	17
13	1037	17	1395	8	1689	17	1085	11	1290	9
12	791	13	353	2	1356	10	682	7	659	4
11	705	10	101	1	665	4	455	4	216	1
10	631	7	23	1	161	1	294	2	35	1
9	377	4	9	1	60	1	129	1	4	1
8	397	2	6	1	27	1	26	1	1	1
7	138	1	3	1	19	1	9	1	0	1
6	19	1	0	1	6	1	6	1	0	1
5	2	1	0	1	4	1	1	1	0	1
4	4	1	0	1	1	1	0	1	0	1
3	1	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	1	1	0	1	0	1

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

33-36	499	2	124	1	555	2	152	1	106	0
28-32	1658	7	593	2	1538	6	490	2	990	4
24-27	2699	11	2155	9	2862	12	2223	9	2428	10
20-23	5021	21	3227	14	4695	20	6545	27	5138	22
16-19	6220	26	9938	42	6283	26	8859	37	8777	37
13-15	4657	20	7287	31	5586	23	3948	17	5465	23
01-12	3065	13	495	2	2300	10	1602	7	915	4

AVG(SD) 18.8( 5.9) 17.8( 4.1) 18.9( 5.6) 18.6( 4.3) 18.7( 4.5)

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 = 23819)

STD SCORE	USAGE/MECH		RHET SKILLS		SOC STU/SCI		ARTS/LIT		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	
18	445	99	116	99	151	99	456	99	18
17	579	98	275	99	652	99	665	98	17
16	782	96	719	98	557	97	840	95	16
15	813	92	724	95	794	94	1003	92	15
14	1016	89	1130	92	860	91	570	88	14
13	1119	85	1127	88	1127	87	1322	85	13
12	1482	80	1875	83	1916	83	2178	80	12
11	2026	74	2066	75	1900	75	1600	70	11
10	2483	65	2822	66	2925	67	2057	64	10
9	2233	55	3519	54	3170	54	1904	55	9
8	2805	46	3093	40	3460	41	2670	47	8
7	2486	34	2360	27	2599	26	2581	36	7
6	2196	23	1694	17	1751	16	2227	25	6
5	1531	14	1247	10	1044	8	2528	16	5
4	1171	8	736	4	490	4	842	5	4
3	470	3	276	1	294	2	276	2	3
2	170	1	38	1	103	1	97	1	2
1	12	1	2	1	26	1	3	1	1
AVERAGE		9.4		9.5		9.6		9.4	
S.D.		3.6		3.1		3.2		3.7	

STD SCORE	PRE/ELEM		ALG/CRD-GEOM		PLN GEOM/TRIG		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	
18	180	99	47	99	30	99	18
17	259	99	82	99	71	99	17
16	483	98	139	99	166	99	16
15	557	96	218	99	318	99	15
14	815	94	710	98	552	98	14
13	1346	90	704	95	923	95	13
12	1152	85	1819	92	1443	91	12
11	1771	80	2071	84	1491	85	11
10	2228	72	3032	76	4170	79	10
9	1750	63	4540	63	3136	62	9
8	4197	56	3472	44	3582	48	8
7	4809	38	2405	29	3277	33	7
6	2618	18	1727	19	2006	20	6
5	947	7	1535	12	607	11	5
4	436	3	635	6	1182	9	4
3	187	1	533	3	270	4	3
2	69	1	37	1	459	2	2
1	15	1	113	1	136	1	1
AVERAGE		9.0		8.8		8.6	
S.D.		3.0		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	10552	18.3	5.9	18.3	4.5	18.6	5.7	19.1	4.6	18.7	4.7
FEMALES	13170	19.2	5.8	17.4	3.8	19.1	5.6	18.3	4.0	18.6	4.3
NO RESPONSE	97	17.4	4.5	17.1	3.1	17.7	5.2	17.9	3.6	17.6	3.5

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	2	2	1	0	1	0	1	0
28-32	6	7	3	2	6	6	3	1	5	4	5	4
24-27	10	12	11	8	11	13	12	8	10	10	10	10
20-23	19	23	15	13	18	21	28	27	21	22	21	22
16-19	26	26	40	43	26	27	34	39	35	38	35	38
13-15	21	18	28	32	25	22	16	17	23	23	23	23
01-12	16	11	2	2	12	8	7	7	5	3	5	3

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	3458	16	20.9	86	12	225	10	2354	20	793	12
GOOD	7927	37	19.2	239	32	763	34	4626	39	2299	36
AVERAGE	5968	28	17.4	220	30	774	34	2836	24	2138	33
BELOW AVERAGE	1330	6	17.2	65	9	169	7	630	5	466	7
VERY INADEQUATE	2072	10	17.4	118	16	290	13	1108	9	556	9
NO RESPONSE	553	3	19.5	11	1	44	2	317	3	181	3
NO. OF STUDENTS	21308			739		2265		11871		6433	

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	23819	18.8	5.9	17.8	4.1	18.9	5.6	18.6	4.3	18.7	4.5
COLLEGE CORE											
E4, M3, SS3, NS3	12149	20.4	5.9	19.0	4.5	20.2	5.9	19.7	4.4	20.0	4.7
In between	8086	17.1	5.1	16.4	3.0	17.5	4.9	17.4	3.6	17.2	3.6
E4, M2, SS2, NS2	2430	16.5	5.2	16.4	3.3	17.2	5.0	17.3	4.0	17.0	3.9
No Response	1154	17.7	6.1	17.7	4.3	18.4	6.0	18.3	4.5	18.1	4.7
HS GPA RANGES											
3.50 - 4.00	6228	23.7	5.5	21.1	4.6	23.1	5.7	21.6	4.3	22.5	4.4
3.00 - 3.49	5659	19.1	4.7	17.7	3.4	19.1	5.0	18.7	3.7	18.8	3.6
2.50 - 2.99	4497	16.5	4.3	16.1	2.6	16.7	4.2	17.1	3.4	16.7	3.0
2.00 - 2.49	3007	14.9	4.0	15.4	2.2	15.7	3.7	16.3	3.3	15.7	2.7
1.99 & below	1102	14.0	3.8	15.0	2.0	14.9	3.6	15.8	3.3	15.1	2.5

STATE COMPOSITE FOR  
MISSISSIPPITABLE 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	5420	23	3.16	19.9	19.4
ENG 9, ENG 10, ENG 11, ENG 12	15973	67	2.97	18.6	18.5
LESS THAN 4 YEARS OF ENGLISH	1237	5	2.81	17.0	17.5
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	1189	5	- . -	17.7	18.1
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	1069	4	3.37	20.5	21.2
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	2475	10	3.22	19.4	20.6
ALG 1, ALG 2, GEOM, TRIG	1862	8	3.04	18.0	19.1
ALG 1, ALG 2, GEOM, OTHER ADV MATH	1175	5	2.90	17.9	18.9
ALG 1, ALG 2, GEOM	6888	29	2.60	16.1	17.0
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	4637	19	3.36	20.9	21.8
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	959	4	2.82	16.9	18.0
LESS THAN 3 YEARS OF MATH	3531	15	2.29	15.3	15.8
NO MATH COURSE/GRADE INFORMATION REPORTED	1223	5	- . -	17.6	18.1
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	504	2	3.19	19.7	19.6
US HIST, WORLD HIST, AM GOVT	417	2	2.80	16.9	16.7
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	16195	68	3.29	19.5	19.2
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	3900	16	3.00	17.5	17.4
LESS THAN 3 YEARS OF SOC SCI	1543	6	2.86	16.8	16.8
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	1260	5	- . -	18.3	18.1
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	4571	19	3.39	20.6	21.0
BIOLOGY, CHEMISTRY, PHYSICS	1638	7	3.39	21.3	21.8
GEN SCIENCE, BIOLOGY, CHEMISTRY	6891	29	3.06	18.5	18.5
OTHER COMBINATIONS OF 3 YEARS NAT SCI	399	2	2.92	17.5	17.0
LESS THAN 3 YEARS OF NAT SCI	9039	38	2.84	17.4	17.2
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	1281	5	- . -	18.3	18.1

STATE COMPOSITE FOR  
MISSISSIPPITABLE 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	2257	21	3.02	19.4	19.6
ENG 9, ENG 10, ENG 11, ENG 12	6937	66	2.79	18.1	18.5
LESS THAN 4 YEARS OF ENGLISH	634	6	2.68	16.8	17.7
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	724	7	- . -	17.2	18.0
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	495	5	3.37	21.4	21.5
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	900	9	3.12	20.2	20.7
ALG 1, ALG 2, GEOM, TRIG	775	7	2.97	18.6	19.3
ALG 1, ALG 2, GEOM, OTHER ADV MATH	443	4	2.81	18.4	18.9
ALG 1, ALG 2, GEOM	2826	27	2.50	16.4	16.9
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	2182	21	3.29	21.6	21.9
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	477	5	2.71	17.2	17.9
LESS THAN 3 YEARS OF MATH	1701	16	2.26	15.5	15.8
NO MATH COURSE/GRADE INFORMATION REPORTED	753	7	- . -	17.9	18.0
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	272	3	3.08	18.9	19.2
US HIST, WORLD HIST, AM GOVT	217	2	2.69	17.0	17.0
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	6807	65	3.21	19.2	19.3
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	1721	16	2.92	17.3	17.5
LESS THAN 3 YEARS OF SOC SCI	766	7	2.83	16.8	17.0
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	769	7	- . -	18.0	18.0
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	2212	21	3.33	21.4	21.4
BIOLOGY, CHEMISTRY, PHYSICS	759	7	3.37	22.1	22.2
GEN SCIENCE, BIOLOGY, CHEMISTRY	2769	26	2.90	18.6	18.2
OTHER COMBINATIONS OF 3 YEARS NAT SCI	220	2	2.87	18.2	17.2
LESS THAN 3 YEARS OF NAT SCI	3812	36	2.71	17.7	17.0
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	780	7	- . -	18.5	18.0

STATE COMPOSITE FOR  
MISSISSIPPITABLE 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	3141	24	3.27	20.2	19.3
ENG 9, ENG 10, ENG 11, ENG 12	8986	68	3.10	19.1	18.5
LESS THAN 4 YEARS OF ENGLISH	590	4	2.94	17.2	17.3
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	453	3	- . -	18.3	18.2
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	571	4	3.37	19.8	20.9
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	1568	12	3.27	18.9	20.5
ALG 1, ALG 2, GEOM, TRIG	1080	8	3.09	17.6	18.9
ALG 1, ALG 2, GEOM, OTHER ADV MATH	728	6	2.95	17.6	19.0
ALG 1, ALG 2, GEOM	4043	31	2.66	15.9	17.1
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	2443	19	3.42	20.3	21.6
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	480	4	2.93	16.7	18.1
LESS THAN 3 YEARS OF MATH	1798	14	2.31	15.0	15.7
NO MATH COURSE/GRADE INFORMATION REPORTED	459	3	- . -	17.2	18.2
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	231	2	3.30	20.6	20.1
US HIST, WORLD HIST, AM GOVT	199	2	2.91	16.9	16.5
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	9336	71	3.35	19.7	19.1
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	2158	16	3.06	17.6	17.3
LESS THAN 3 YEARS OF SOC SCI	767	6	2.89	16.7	16.5
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	479	4	- . -	18.9	18.3
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	2343	18	3.44	19.9	20.6
BIOLOGY, CHEMISTRY, PHYSICS	876	7	3.41	20.6	21.4
GEN SCIENCE, BIOLOGY, CHEMISTRY	4105	31	3.17	18.4	18.7
OTHER COMBINATIONS OF 3 YEARS NAT SCI	176	1	2.99	16.8	16.8
LESS THAN 3 YEARS OF NAT SCI	5182	39	2.93	17.2	17.3
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	488	4	- . -	17.9	18.1

TABLE 10 DISTRIBUTION OF PLANNED EDUCATIONAL MAJOR AND FIRST VOCATIONAL CHOICE

	---PLANNED EDUC MAJOR---				MALE		FEMALE		TOTAL	
	NUMBER OF STUDENTS	AVG ACT COMP	CERTAINTY VERY FAIRLY (PERCENT)		EDUC 1ST MAJOR VOC (PERCENT)		EDUC 1ST MAJOR VOC (PERCENT)		EDUC 1ST MAJOR VOC (PERCENT)	
AGRICULTURE SCIENCE/TECH	553	16.8	37	46	5	5	1	1	3	3
ARCH & ENVIR DESIGN	433	19.1	41	47	3	3	1	2	2	2
BUSINESS & MGMT	1639	18.2	40	46	10	9	7	6	8	7
BUSINESS & OFFICE	172	17.2	36	50	1	1	1	1	1	1
MARKETING & DISTRIBUTION	165	18.1	36	47	0	1	1	1	1	1
COMMUNICATION & COMM TEC	404	19.4	37	49	2	2	2	2	2	2
COMMUNITY & PRSNL SVCS	762	16.8	55	36	3	3	5	5	4	4
COMPUTER & INFO SCI	686	18.5	46	44	6	5	2	1	3	3
CROSS-DISC STUDIES	25	19.6	12	40	0	0	0	0	0	0
EDUCATION	712	18.4	49	42	2	2	5	5	3	4
TEACHER EDUCATION	526	18.0	51	39	3	3	2	3	3	3
ENGINEERING	1088	19.4	39	48	11	10	1	1	5	5
ENGINEERING-RELATED TECH	498	19.6	38	50	5	6	1	1	2	3
FOREIGN LANGUAGES	42	21.5	43	48	0	0	0	0	0	0
HEALTH SCI & ALLIED HLTH	6303	18.6	57	35	15	15	42	43	31	31
HUMAN, FAMILY/CONS SCI	264	17.2	44	47	1	1	2	3	1	2
LETTERS	79	23.1	32	53	0	0	0	0	0	0
MATHEMATICS	93	22.7	45	39	1	0	0	0	0	0
PHILOS, RELIG & THEOL	118	21.3	44	42	1	1	0	0	1	1
SCI (BIOL & PHYSICAL)	665	21.5	42	46	3	3	3	2	3	2
SOCIAL SCIENCES	1323	19.8	46	44	5	4	8	8	6	6
TRADE & INDUSTRIAL	448	16.2	53	38	5	6	0	0	2	3
VISUAL & PERFORM ARTS	1047	19.1	47	40	5	6	5	5	5	6
UNDECIDED	2453	18.6	11	18	16	14	9	8	12	11
NO RESPONSE	3321									

NUMBER OF STUDENTS - 23819



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	3004	16.2	13	AFRICAN-AMER/BLACK	8432	16.2	35
COLL PREP	11871	19.9	50	AM INDIAN,ALASKAN NTV	113	17.8	0
OTHER/GENERAL/NO RESP	8944	17.9	38	CAUCASIAN-AMER/WHITE	13407	20.1	56
REQUEST ASSISTANCE WITH				MEXICAN-AMER/CHICANO	114	19.7	0
ED/OCCUP PLANS	8630	18.8	36	ASIAN-AMER,PACIFIC ISL	262	21.2	1
EXPR IDEAS IN WRITING	5470	17.7	23	PUERTO RICAN,HISPANIC	85	18.6	0
READING/COMPREHENSION	6061	17.5	25	OTHER	245	17.9	1
STUDY SKILLS	10117	17.7	42	MULTIRACIAL	166	19.7	1
MATH SKILLS	9706	17.4	41	PREFER NOT TO RESPOND	728	19.3	3
PERSONAL CONCERNS	2999	17.0	13	NO RESPONSE	267	18.0	1
EXPRESSED FIN NEED				ESTIMATED FAMILY INCOME			
NEED FINANCIAL AID	18811	18.5	79	LESS THAN \$18,000	4171	16.3	18
NEED TO FIND WORK	15885	18.3	67	ABOUT \$18,000-\$24,000	2623	17.1	11
SPECIAL COLLEGE PROG				ABOUT \$24,000-\$30,000	2015	17.8	8
INDEP STUDY	8811	19.1	37	ABOUT \$30,000-\$36,000	1588	18.4	7
HONORS COURSES	7368	20.3	31	ABOUT \$36,000-\$42,000	1479	18.9	6
ADV PLACEMENT IN COLL				ABOUT \$42,000-\$50,000	1598	19.3	7
ENGLISH	6409	20.1	27	ABOUT \$50,000-\$60,000	1697	19.9	7
MATH	5808	20.3	24	ABOUT \$60,000-\$80,000	2213	20.5	9
SOCIAL STUDIES	5465	20.0	23	ABOUT \$80,000-\$100,000	1238	20.9	5
NATURAL SCIENCE	4936	20.1	21	MORE THAN \$100,000	1256	21.7	5
FOREIGN LANG	3847	19.0	16	NO RESPONSE	3941	19.0	17
MAX YEARLY COLL TUITION				HS CLASS RANK			
\$1000 & UNDER	2475	15.9	10	TOP QTR	7625	21.6	32
\$1001 - \$2000	2446	16.9	10	2ND QTR	8223	17.7	35
\$2001 - \$4000	3400	17.8	14	3RD QTR	4508	16.2	19
\$4001 - \$7500	2520	19.1	11	4TH QTR	722	15.2	3
\$7501 & OVER	677	19.6	3	NO RESPONSE	2741	18.3	12
NO PREFERENCE	9499	19.9	40	EDUC DEG ASPIRATION			
NO RESPONSE	2802	18.7	12	VOC-TECH	562	15.2	2
MOST RECENTLY TESTED				2YR COL DEGREE	2318	15.9	10
SOPHOMORE	509	18.2	2	BACHELORS DEGREE	7757	18.1	33
JUNIOR	3620	18.5	15	GRAD STUDY	3369	20.2	14
SENIOR	18034	18.5	76	PROF LEVEL DEGREE	6874	20.1	29
OTHER/NO RESPONSE	1656	20.4	7	OTHER	832	16.8	3
COLLEGE CORE PREPARATION				NO RESPONSE	2107	18.2	9
CORE OR MORE	12149	20.0	51	NUMBER OF STUDENTS			
LESS THAN CORE	10516	17.2	44	HOME SCHOOLED	284	20.4	1
NO RESPONSE	1154	18.1	5	EARNED A GED	95	17.5	0
				ALL STUDENTS	23819	18.7	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	
2220 MISSISSIPPI STATE U	MS	8208	2291	5917	2	17	37	26	13	5	0	
2218 UNIV SO MISS	MS	6548	1589	4959	2	18	39	25	12	3	0	
2250 U OF MISSISSIPPI	MS	6385	1735	4650	1	12	35	29	16	7	0	
2204 JACKSON STATE UNIV	MS	3124	822	2302	7	39	42	10	2	0	0	
2190 DELTA STATE UNIV	MS	2275	504	1771	3	22	42	23	8	2	0	
2176 ALCORN STATE UNIV	MS	2167	626	1541	7	40	43	9	2	0	0	
2206 JONES COUNTY JR COLL	MS	2000	969	1031	4	28	39	20	8	1	0	
2228 NORTHWEST MISS CC	MS	1843	847	996	5	25	42	21	6	1	0	
2226 NORTHEAST MISS CC	MS	1753	746	1007	3	22	43	22	8	2	0	
2198 HINDS CC-RAYMOND	MS	1591	655	936	7	33	39	14	5	1	0	
2202 ITAWAMBA COMM COLL	MS	1523	767	756	3	22	42	23	8	2	0	
2214 MISSISSIPPI COLLEGE	MS	1484	283	1201	1	10	31	29	18	9	1	
2232 PEARL RIVER CC	MS	1345	584	761	5	26	40	21	7	1	0	
2200 HOLMES COMM COLLEGE	MS	1296	419	877	5	30	39	19	6	1	0	
2224 MISSISSIPPI VLY ST U	MS	1142	215	927	9	45	38	7	1	0	0	
2210 MERIDAN COMM COLL	MS	1048	333	715	6	29	40	17	6	1	0	
2222 MISSISSIPPI U WOMEN	MS	979	184	795	3	22	35	25	12	3	0	
2248 TOUGALOO COLLEGE	MS	952	159	793	5	33	44	15	3	0	0	
2254 WILLIAM CAREY COLL	MS	942	111	831	2	21	38	24	12	3	0	
2244 MISSISSIPPI DELTA CC	MS	937	315	622	10	41	37	9	2	0	0	
2192 EAST CENTRAL COMM C	MS	854	429	425	6	28	41	17	7	1	0	
2188 COPIAH-LINCOLN CC	MS	851	404	447	6	28	40	20	5	1	0	
2177 HINDS CC-JACKSON	MS	834	212	622	8	39	39	11	2	0	0	
2205 MS GULF CC-JEFF DAVS	MS	820	296	524	1	18	45	26	9	1	0	
2251 U OF MISSISSIPPI-MED	MS	816	58	758	3	18	39	26	11	3	0	
2212 MILLSAPS COLLEGE	MS	759	113	646	2	11	25	26	21	14	2	
1590 LSU A&M-BATON ROUGE	LA	731	179	552	1	8	29	30	22	9	1	
2262 HINDS CC-RANKIN	MS	641	295	346	3	21	39	27	9	1	0	
2234 MS GULF COAST COMM C	MS	625	211	414	2	24	40	23	9	2	0	
0059 U OF SOUTH ALABAMA	AL	602	151	451	1	9	31	37	15	6	0	
2203 MS GULF CC-JACKSON	MS	598	317	281	2	17	42	28	10	2	0	
2242 SOUTHWEST MISS CC	MS	574	200	374	7	33	39	15	5	1	0	
2217 UNIVERSITY SOUTHERN	MS	563	80	483	2	19	44	23	10	2	0	
2180 BELHAVEN COLLEGE	MS	534	117	417	5	20	32	24	13	6	1	
2194 EAST MISSISSIPPI CC	MS	517	143	374	7	37	39	15	3	0	0	
ALL OTHER INSTITUTIONS		17871	3776	14095	3	20	32	23	13	7	1	
TOTALS		75732	21135	54597	4	22	37	22	11	4	0	

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	( 553)	(16.8)	BUSINESS & OFFICE	( 172)	(17.2)
AGRICULTURAL BUSINESS	25	16.3	BOOKKEEPING/ACCT TECH	17	17.9
AGRICULTURAL ECONOMICS	5	14.4	BUSINESS DP/COMPUTER OPER	21	16.4
AGRICULTURAL MECHANICS	13	17.2	COURT REPORTING	5	16.2
AGRI PRODUCTION/TECH	7	16.4	OFFICE SUPERVISION & MGMT	12	17.5
AGRONOMY	1	13.0	SECRETARIAL	15	17.4
ANIMAL SCIENCES	36	18.6	TYPING & GENERAL OFFICE	3	12.7
FARM & RANCH MANAGEMENT	12	16.5	WORD PROCESSING	5	15.2
FISH, GAME, WILDLIFE MGMT	96	17.2	BUSINESS & OFFICE, GEN	94	17.5
FOOD SCIENCES/ENGINEERING	2	15.0			
FORESTRY & RELATED SCI	47	17.1	MARKETING & DISTRIBUTION	( 165)	(18.1)
HORTICULTURE/ORNMENTAL HORT	8	19.6	FASHION MERCHANDISING	58	17.3
NATURAL RESOURCES MGMT	5	16.8	RETAILING & SALES	16	17.0
AGRICULTURE & AG TECH, GEN	296	16.5	TRAVEL SERVICES & TOURISM	3	16.3
			MARKETING & DISTRIB, GEN	88	19.0
ARCH & ENVIR DESIGN	( 433)	(19.1)			
ARCHITECTURAL DRAFTING	65	18.2	COMMUNICATIONS & COMM TECH	( 404)	(19.4)
ARCHITECTURE	69	20.4	ADVERTISING	17	18.3
BLDG CON/CONSTRUCTION SCI	28	15.9	GRAPHIC/COMMERCIAL ART	18	17.7
CITY, COMM & REG PLANNING	3	13.0	GRAPHIC & PRINT COMMUNIC	5	15.8
ENVIRONMENTAL DESIGN	2	14.5	JOURNALISM	81	20.9
INTERIOR DESIGN	75	19.2	PHOTO/FILM/VIDEO TECH	25	17.4
LANDSCAPE ARCHITECTURE	27	20.2	PUBLIC RELATIONS	20	21.0
ARCHI & ENVIR DESIGN, GEN	164	19.4	RADIO/TV BROADCASTING	65	17.7
			RADIO/TV PRODUCTN & TECH	10	19.7
BUSINESS & MGMT	( 1639)	(18.2)	COMMUNIC & COMM TECH, GEN	163	19.8
ACCOUNTING	215	18.3			
BANKING & FINANCE	46	17.6	COMMNTY & PRSNL SVCS	( 762)	(16.8)
BUSINESS ADMIN & MGMT	268	17.5	CORRECTIONS	2	14.5
BUSINESS ECONOMICS	18	17.6	COSMETOLOGY/HAIRSTYLING	145	15.6
CONTRACT MGMT & PURCHSING	6	17.0	CRIMINAL JUSTICE/CRIMINOL	210	17.6
HOTEL/RESTAURANT MGMT	15	17.9	FIRE PROTECTN/SAFETY TECH	9	17.2
HUMAN RESOURCE DEVEL/TRNG	2	13.5	FUNERAL SVCS/MORTUARY SCI	18	15.4
INSTITUTIONAL MANAGEMENT	0	0.0	LAW ENFORCEMENT & ADMIN	70	16.5
INSURANCE & RISK MGMT	7	17.1	LIBRARY SCI/LIB ASSISTING	5	20.0
INTERNATL BUSINESS/MGMT	43	19.5	MILITARY SCIENCE/TECH	16	18.6
LABOR/INDUSTRL RELATIONS	1	17.0	PARKS & RECREATION	6	16.5
MANAGEMENT INFO SYSTEMS	3	21.0	PUBLIC ADMINISTRATION	3	15.7
MANAGEMENT SCIENCE	0	0.0	PUBLIC AFFAIRS	2	19.0
MARKETING MGMT & RESEARCH	27	19.7	SOCIAL WORK	90	15.7
ORGANIZATIONAL BEHAVIOR	0	0.0	COMMNTY & PRSNL SVCS, GEN	186	17.4
PERSONNEL MANAGEMENT	1	15.0			
REAL ESTATE	58	16.5			
SML BUSINESS MGMT/OWNRSHIP	97	18.0			
TRADE & INDUSTRIAL MGMT	4	18.3			
TRANSPORTATION MANAGEMENT	4	18.8			
BUSINESS & MGMT, GEN	824	18.4			

STATE COMPOSITE FOR  
MISSISSIPPI

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	( 686)	(18.5)	ENGINEERING	( 1088)	(19.4)
COMPUTER PROGRAMMING	311	18.1	AEROSPACE ENGINEERING	54	24.2
COMPUTER SCIENCE	99	18.5	AGRICULTURAL ENGINEERING	15	17.1
DATA PROCESSING	5	14.6	ARCHITECTURAL ENGINEERING	13	20.3
INFO SCIENCES & SYSTEMS	14	20.1	BIOENGINEER & BIOMED ENG	19	23.4
MATH/COMPUTER SCIENCE	10	18.4	CERAMIC ENGINEERING	1	20.0
COMPUTER & INFO SCI, GEN	247	19.2	CHEMICAL ENGINEERING	37	24.2
CROSS-DISC STUDIES	( 25)	(19.6)	CIVIL ENGINEERING	41	20.6
AREA & ETHNIC STUDIES	2	16.0	COMPUTER ENGINEERING	129	17.9
LIBERAL ARTS/GEN STUDIES	15	20.1	CONSTRUCTION ENG/MGMT	15	17.5
MULTI-/INTERDISC STUDIES	0	0.0	ELECTRCL & ELECTRONIC ENG	91	18.6
CROSS-DISC STUDIES, GEN	8	19.6	ENGINEERING MANAGEMENT	8	14.3
EDUCATION	( 712)	(18.4)	ENGINEERING PHYSICS	4	22.3
ADULT & CONTINUING EDUC	3	17.7	ENGINEERING SCIENCE	3	21.3
EDUCATION ADMINISTRATION	11	16.5	ENVIRONMENTAL HEALTH ENG	2	22.5
ELEMENTARY EDUCATION	239	18.1	GEOLOGICAL & GEOPHYS ENG	3	17.0
JR HIGH/MIDDLE SCH EDUC	42	17.4	INDUSTRIAL ENGINEERING	17	19.4
PRE-ELEMENTARY EDUCATION	38	15.5	MATERIALS ENGINEERING	0	0.0
SECONDARY EDUCATION	88	20.4	MECHANICAL ENGINEERING	112	20.2
STUDENT COUNSELING	14	17.2	METALLURGICAL ENGINEERING	0	0.0
TEACHER AIDE	1	14.0	MINING & MINERAL ENG	2	15.5
EDUCATION, GENERAL	276	18.6	MINING & MINERAL ENG	2	15.5
TEACHER EDUCATION	( 526)	(18.0)	NAVAL ARCHIT & MARINE ENG	2	22.0
AGRICULTURAL EDUCATION	4	16.3	NUCLEAR ENGINEERING	7	18.6
ART EDUCATION	10	20.0	OCEAN ENGINEERING	2	17.0
BUSINESS EDUCATION	5	15.6	PETROLEUM ENGINEERING	5	18.6
ENGLISH EDUCATION	25	20.4	SYSTEMS ENGINEERING	2	13.0
FOREIGN LANGUAGES EDUC	3	21.0	ENGINEERING, GENERAL	504	18.9
HEALTH EDUCATION	8	16.9	ENGINEERING-RELATED TECH	( 498)	(19.6)
HUMAN, FAM/CONS SCI EDUC	0	0.0	AERONAUTICAL TECHNOLOGY	22	23.8
INDUSTRIAL ARTS EDUCATION	0	0.0	AC, HEATING, REFRIG TECH	3	16.3
MATHEMATICS EDUCATION	28	19.9	ARCHITECTURAL DESIGN TECH	21	19.2
MUSIC EDUCATION	56	19.1	BIOMEDICAL EQUIPMENT TECH	7	25.3
PHYSICAL EDUCATION	134	15.9	CIVIL ENGINEERING TECH	13	20.7
SCIENCE EDUCATION	6	19.3	COMPUTER ENGINEERING TECH	76	18.7
SOC STUDIES/SOC SCI EDUC	27	19.2	CONSTRUCTION/BLDG TECH	11	17.4
SPECIAL EDUCATION	7	17.4	DRAFTING & DESIGN TECH	15	17.7
SPEECH CORRECTION EDUC	5	19.4	ELECTRICAL ENG TECHNOLOGY	48	17.6
TEACHING ENGL AS 2ND LANG	0	0.0	ELECTRONIC ENG TECHNOLOGY	25	16.4
TECH/TRADE & IND ED	0	0.0	ELECTROMECHAN INSTR TECH	3	16.7
TEACHER EDUCATION, OTHER	11	16.7	ENVIRONMENTAL CONTRL TECH	1	16.0
TEACHER EDUCATION, GEN	197	18.3	INDUSTRIL PRODUCTION TECH	5	24.4

STATE COMPOSITE FOR  
MISSISSIPPI

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	( 264)	(17.2)
MANUFACTURING TECHNOLOGY	1	17.0	CHILD DEV, CARE, GUIDANCE	56	16.5
MECHANICAL ENG TECH	52	19.6	CHILD CARE AIDE/ASSISTING	18	14.6
MINING & PETROLEUM TECH	1	13.0	CULINARY ARTS	54	18.2
OCCUPATL SFTY & HLTH TECH	0	0.0	FAMILY/CONS RESOURCE MGMT	0	0.0
SURVEYING & MAPPING TECH	1	16.0	FASHION DESIGN	33	17.3
ENGINEERING TECH, OTHER	5	18.0	FOOD PRODUCTN, MGMT, SVCS	8	15.4
ENGINEER-RELATD TECH, GEN	188	20.4	FOOD SCI & NUTR/DIETETICS	8	21.9
			HUMAN ENVIRON & HOUSING	2	14.5
FOREIGN LANGUAGES	( 42)	(21.5)	INDIVIDUAL & FAMILY DEVEL	2	17.0
ASIATIC LANGUAGES	3	22.0	TEXTILES AND CLOTHING	0	0.0
CLASSICAL LANGUAGES	0	0.0	HUMAN, FAM/CONS SCI, GEN	83	17.3
FRENCH	8	19.6			
GERMAN	1	12.0	LETTERS	( 79)	(23.1)
ITALIAN	0	0.0	CLASSICS	2	25.5
MIDDLE EASTERN LANGUAGES	1	29.0	COMPARATIVE LITERATURE	0	0.0
RUSSIAN	1	21.0	CREATIVE WRITING	37	22.1
SPANISH	9	19.1	ENGLISH, GENERAL	15	24.5
FOREIGN LANGUAGES, OTHER	4	22.0	LINGUISTICS	0	0.0
FOREIGN LANGUAGES, GEN	15	24.0	LITERATURE, ENGLISH/AMER	12	24.8
			SPEECH & RHETORICAL STUDY	1	16.0
HEALTH SCI & ALLIED HLTH	( 6303)	(18.6)	LETTERS, GENERAL	12	22.8
CHIROPRACTIC	16	16.9			
DENTAL ASSISTING	19	15.7	MATHEMATICS	( 93)	(22.7)
DENTAL HYGIENE	103	17.0	ACTUARIAL SCIENCES	3	22.7
DENTAL LAB/TECHNOLOGY	3	15.3	APPLIED MATHEMATICS	17	20.8
DENTISTRY	119	19.8	STATISTICS	2	29.5
EMERG MED TECH/PARAMEDIC	33	16.8	MATHEMATICS, GENERAL	71	23.0
HEALTH CARE ADMIN	20	18.2			
MEDICAL/SURG ASSISTING	140	17.5	PHILOS, RELIG & THEOLOGY	( 118)	(21.3)
MEDICAL LAB/TECHNOLOGY	52	18.2	BIBLE STUDIES	10	21.7
MED RECORDS ADMIN/TECH	17	15.2	PHILOSOPHY	10	25.6
MEDICINE	640	21.2	RELIGION	11	22.5
MNTL HLTH & HUM SVCS/TECH	26	17.4	RELIGIOUS EDUCATION	10	20.6
NUCLEAR MEDICINE TECH	13	18.5	RELIGIOUS MUSIC	4	17.3
NURSING (PRACTICAL)	247	16.1	THEOLOGY	14	20.1
NURSING (REGISTERED)	1242	17.1	PHILOS, RELIG & THEOL, GEN	59	20.9
OCCUPATNL THERAPY/ASSIST	43	17.0			
OPTOMETRY	40	19.1			
PHARMACY	271	20.6			
PHYSICIAN ASSISTING	29	16.9			
PHYSICAL THERAPY/ASSIST	488	18.0			
RADIOLOGY/RADIOLOGIC TECH	268	18.5			
REC/ART/MUSIC THERAPY	6	17.5			
RESPIRATORY THERAPY/TECH	43	16.4			
SPEECH PATHOL/AUDIOLOGY	28	18.4			
VETERINARIAN ASSISTING	29	17.3			
VETERINARY MEDICINE	185	19.9			
HEALTH SCI & ALLIED, GEN	2183	19.1			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL) (	665)	(21.5)	VISUAL/PERFORM ARTS	( 1047)	(19.1)
ASTRONOMY	13	20.9	APPLIED DESIGN/CRAFTS	5	20.0
ATMOSPHER SCI & METEOROL	23	19.8	ART	92	19.0
BIOCHEMISTRY & BIOPHYSICS	36	24.3	ART HIST & APPRECIATION	3	21.3
BIOLOGY	223	20.9	CINEMATOGRAPHY/FILM/VIDEO	38	20.6
BOTANY	4	15.8	DANCE	41	18.4
CHEMISTRY	73	22.5	DESIGN, GENERAL	27	19.6
EARTH SCIENCE	2	19.0	DRAMA/THEATRE ARTS	92	20.0
ECOLOGY/ENV STUDIES	8	22.6	FINE ARTS, GENERAL	21	22.1
GEOLOGY	6	16.7	GRAPHIC ARTS TECHNOLOGY	18	18.2
MICROBIOLOGY	19	24.6	GRAPHIC DESIGN	80	19.3
OCEANOGRAPHY	26	19.8	MUSIC (LIBERAL ARTS)	48	19.4
PHYSICS	11	25.5	MUSIC PERFORMANCE	157	19.0
ZOOLOGY	33	19.6	MUSIC THEORY & COMPOSIT	38	20.3
SCIENCES (BIO & PHYS), GEN	188	21.9	PHOTOGRAPHY	66	19.1
			VISUAL/PERFORM ARTS, GEN	321	18.4
SOCIAL SCIENCES (	1323)	(19.8)	UNDECIDED	( 2453)	(18.6)
ANTHROPOLOGY	18	23.0			
ECONOMICS	5	26.2			
GEOGRAPHY	1	18.0			
HISTORY	61	21.7			
INTERNATIONAL RELATIONS	14	24.0			
LAW	358	19.6			
PARALEGAL/LEGAL ASSISTING	38	17.1			
POLITICAL SCI/GOVERNMENT	59	22.2			
PSYCHOLOGY	421	19.6			
SOCIOLOGY	22	17.5			
URBAN STUDIES	2	12.0			
SOCIAL SCIENCES, GENERAL	324	19.5			
TRADE & INDUSTRIAL (	448)	(16.2)			
AIRCRAFT TECHNICIAN	4	18.3			
AIRPLANE PILOTING & NAVIG	35	21.4			
AUTOMOTIVE BODY REPAIR	76	15.8			
AUTOMOTIVE TECHNOLOGY	66	17.2			
AVIATION MANAGEMENT	2	16.0			
COMPUTER ELECTRNCS/REPAIR	12	14.8			
CONSTRCT TRADES & CARPENT	14	16.2			
DIESEL MECHANICS & TECH	26	15.1			
DRAFTING	1	14.0			
ELECTRICAL EQUIP REPAIR	17	15.7			
HEATING, AC, REFRIG MECH	8	14.4			
MACHINE TECHNOLOGY	6	15.3			
MECHANICAL DRAFTING	3	21.7			
WELDING & WELDING TECH	40	14.4			
TRADE & INDUSTRIAL, GEN	138	15.6			

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)	259	15.2	81	16.1	178	14.8	45	15.1	213	15.3
BUSINESS OPER (04-05)	336	15.6	101	16.5	234	15.3	159	15.3	175	15.9
TECHNICAL (06-07)	632	15.5	181	16.1	438	15.2	444	15.5	183	15.5
SCIENCE & TECH (08-09)	339	16.6	99	17.2	237	16.3	177	16.4	160	16.7
ARTS (10-11)	187	16.5	54	17.3	130	16.3	50	16.3	136	16.7
SOCIAL SERVICE (12-01)	211	15.6	57	16.5	153	15.4	51	14.9	159	15.9
OTHER*	916	15.7	262	16.1	627	15.5	407	15.5	505	15.7
TOTAL	2880	15.7	835	16.4	1997	15.5	1333	15.6	1531	15.9
<u>PLAN ON 4-YEARS OR MORE OF COLLEGE</u>										
ADMIN & SALES (02-03)	2205	18.6	1280	19.4	911	17.3	595	18.8	1604	18.5
BUSINESS OPER (04-05)	1484	18.3	791	19.3	677	17.2	668	18.2	810	18.4
TECHNICAL (06-07)	2093	18.7	1192	19.9	876	17.1	1374	18.7	716	18.6
SCIENCE & TECH (08-09)	2674	20.5	1670	21.6	970	18.6	1346	20.7	1321	20.3
ARTS (10-11)	1923	20.5	1154	21.6	741	18.9	652	20.7	1264	20.5
SOCIAL SERVICE (12-01)	1941	19.3	1100	20.3	818	18.0	544	19.7	1392	19.1
OTHER*	5680	19.0	3173	20.0	2340	17.5	2498	19.1	3159	18.9
TOTAL	18000	19.3	10360	20.3	7333	17.8	7677	19.4	10266	19.2

\* 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	HS GPA
		ENGLISH	MATH	SOCIAL STUDIES	NATURAL SCIENCE	AVG	SD
MALE	8703	2.84	2.82	3.12	2.97	2.94	0.67
FEMALE	11724	3.14	2.95	3.27	3.14	3.13	0.61
NO RESPONSE	66	2.87	2.90	2.97	2.92	2.90	0.66
AFRICAN-AMERICAN/BLACK	7466	2.78	2.66	2.96	2.84	2.82	0.61
CAUCASIAN-AMERICAN/WHITE	11420	3.15	3.04	3.36	3.20	3.20	0.62
OTHER MINORITY	674	3.10	3.07	3.32	3.13	3.16	0.64
MISSING/PREFER NO RESP	933	3.01	2.88	3.22	3.08	3.05	0.64
TOTAL	20493	3.01	2.90	3.21	3.06	3.05	0.64

APPENDIX

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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 76, THIS MEANS THAT 76% 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 70 PERCENT OF STUDENTS SCORED BELOW 21.

TABLE 4 EXAMPLE

STD SCORE	ACT COMPOSITE	
	FREQ	CP
36	3	99
35	14	99
34	35	99
33	54	99
32	90	99
31	135	99
30	205	99
29	268	98
28	292	97
27	426	95
26	543	94
25	688	91
24	771	88
23	901	85
22	1230	81
21	1410	76 <-- 76% OF THE STUDENTS SCORE AT OR BELOW 21
20	1597	70 <-- 70% OF THE STUDENTS SCORE BELOW 21
19	1850	64
18	2215	56
17	2305	47
16	2407	37
15	2255	27
14	1920	17
13	1290	9
12	659	4
11	216	1
10	35	1
9	4	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

