

Section II

Academic Achievement

Table 2.1. ACT Score Distributions, Cumulative Percentages (CP¹), and Score Averages for All Students

ACT Scale Score	English		Mathematics		Reading		Science		Composite		ACT Scale Score
	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	
36	1,933	100	3,986	100	8,720	100	3,290	100	428	100	36
35	14,906	100	8,419	100	12,718	99	6,174	100	2,872	100	35
34	19,729	99	11,023	99	16,801	98	6,837	99	6,358	100	34
33	16,167	97	16,931	98	25,559	97	10,198	99	10,583	99	33
32	17,946	96	14,241	97	28,434	96	9,056	98	15,555	99	32
31	23,171	95	15,010	96	35,616	94	11,878	97	21,423	97	31
30	31,068	93	27,134	95	45,177	91	17,877	97	28,948	96	30
29	35,774	91	34,699	93	43,139	88	20,490	95	35,725	94	29
28	38,378	89	47,610	91	50,730	85	30,645	94	44,964	91	28
27	41,049	86	56,088	87	48,428	81	41,257	92	54,298	88	27
26	55,203	83	67,473	83	49,961	78	55,689	89	63,329	84	26
25	70,411	79	79,917	79	59,976	74	96,271	85	74,021	80	25
24	71,287	74	80,376	73	72,674	70	88,715	78	84,038	75	24
23	74,247	69	75,582	67	93,596	65	94,850	72	92,044	69	23
22	92,653	64	66,760	62	70,380	58	126,005	65	99,676	62	22
21	112,808	58	80,698	57	87,068	53	107,325	56	105,855	55	21
20	103,409	50	71,282	52	92,282	47	146,374	49	106,902	48	20
19	79,661	42	86,573	47	96,602	41	125,921	39	102,884	40	19
18	73,182	37	107,675	41	61,758	34	96,254	30	99,925	33	18
17	71,768	32	124,156	33	76,646	30	72,277	23	91,454	26	17
16	68,499	27	147,887	24	77,294	24	65,333	18	81,654	20	16
15	77,802	22	114,531	14	72,557	19	46,311	13	70,135	14	15
14	55,524	16	54,102	6	62,283	14	39,867	10	56,097	9	14
13	42,326	12	19,947	2	56,305	9	35,158	7	39,305	5	13
12	34,158	9	6,808	1	37,140	5	28,003	5	22,021	2	12
11	30,798	7	1,847	1	20,864	3	18,939	3	8,263	1	11
10	27,978	5	728	1	11,281	1	11,748	1	2,152	1	10
9	18,215	3	219	1	3,619	1	5,340	1	678	1	9
8	12,809	2	99	1	1,890	1	2,192	1	226	1	8
7	6,103	1	31	1	1,292	1	886	1	84	1	7
6	1,983	1	55	1	487	1	423	1	28	1	6
5	675	1	11	1	405	1	136	1	12	1	5
4	214	1	31	1	123	1	82	1	3	1	4
3	71	1	1	1	49	1	94	1	1	1	3
2	23	1	2	1	66	1	2	1	0	1	2
1	13	1	9	1	21	1	44	1	0	1	1
Avg (SD)	20.6 (6.1)		21.0 (5.2)		21.4 (6.1)		20.8 (4.9)		21.1 (5.0)		Avg (SD)

¹Note: CP is the cumulative percent of students at or below a score point. Also, shaded portions of columns identify the students who met/exceeded the ACT College Readiness Benchmark Scores.

Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP¹), and Subtest Score Averages for All Students

ACT Scale Score	English				Reading				Mathematics						ACT Scale Score
	Usage/ Mechanics		Rhetorical Skills		Social Studies		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry		Plane Geometry/ Trigonometry		
	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	
18	47,080	100	8,989	100	35,044	100	37,386	100	62,496	100	10,820	100	12,853	100	18
17	54,848	97	33,524	99	59,826	98	74,270	97	64,098	96	21,641	99	5,895	99	17
16	63,662	93	64,414	97	70,863	93	102,137	92	74,509	91	29,404	98	53,825	99	16
15	58,856	88	96,294	92	88,653	88	101,903	85	68,394	86	48,203	96	60,398	95	15
14	77,959	84	80,771	86	79,826	82	102,909	78	104,025	81	116,751	92	128,637	91	14
13	101,322	79	114,783	80	120,121	76	76,260	71	117,894	74	117,075	84	113,220	82	13
12	99,999	72	166,300	72	115,336	68	126,634	65	122,424	65	133,376	76	157,468	74	12
11	134,185	65	162,153	60	139,038	60	143,033	56	119,295	57	187,297	66	150,869	63	11
10	160,755	55	189,739	49	143,869	50	125,694	46	143,998	48	238,412	53	217,936	52	10
9	137,805	44	137,707	36	159,208	40	117,844	37	103,727	38	196,815	36	175,325	37	9
8	124,803	34	133,273	26	164,467	29	112,769	29	176,172	31	137,348	23	126,788	24	8
7	107,083	25	90,471	16	98,809	17	93,310	21	157,973	19	56,891	13	90,732	15	7
6	96,179	18	56,356	10	75,987	10	78,992	15	72,172	8	59,150	9	44,733	9	6
5	69,213	11	42,454	6	32,661	5	80,162	9	21,093	2	35,509	5	38,202	6	5
4	53,297	6	30,936	3	20,110	3	32,127	3	9,037	1	16,118	2	17,146	3	4
3	24,565	2	10,893	1	11,795	1	11,470	1	3,168	1	12,651	1	18,997	2	3
2	9,301	1	2,559	1	4,539	1	4,788	1	1,225	1	1,428	1	5,335	1	2
1	1,029	1	325	1	1,789	1	253	1	241	1	3,052	1	3,582	1	1
Avg (SD)	10.3 (3.8)		10.7 (3.2)		10.8 (3.5)		10.9 (3.8)		11.0 (3.5)		10.5 (2.9)		10.5 (3.1)		Avg (SD)

¹Note: CP is the cumulative percent of students at or below a score point.

Table 2.3. ACT Score Quartile Values for All Students

Quartile	English	Math	Reading	Science	Composite
Q3 (75th Percentile)	25	25	26	24	25
Q2 (50th Percentile)	21	20	21	21	21
Q1 (25th Percentile)	16	17	17	18	17

Table 2.4. Average ACT Composite Scores by Level of Preparation by Race/Ethnicity

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More	Average ACT Composite Score	
				Core or More	Less Than Core
National	All Students	1,421,941	61	22.0	19.5
	African Am./Black	178,417	58	17.7	16.0
	Am. Indian/Alaska Native	14,380	53	20.3	17.6
	Caucasian Am./White	895,588	64	22.9	20.4
	Hispanic	114,697	60	19.6	17.4
	Asian Am./Pacific Islander	51,368	71	23.4	21.4
	Other/No Response	167,491	52	22.5	20.1

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
National	All Students	20.6	21.0	21.4	20.8	21.1
	African Am./Black	16.1	17.0	17.0	17.2	16.9
	Am. Indian/Alaska Native	18.1	18.8	19.6	19.2	19.0
	Caucasian Am./White	21.7	21.8	22.5	21.7	22.1
	Hispanic	17.7	19.0	18.9	18.7	18.7
	Asian Am./Pacific Islander	22.1	24.1	22.4	22.3	22.9
	Other/No Response	21.2	21.7	22.1	21.2	21.7

Table 2.6. Percent of Students in College Readiness Standards (CRS) Score Ranges

Student Group	CRS Range	English		Mathematics		Reading		Science	
		N	%	N	%	N	%	N	%
National	33 to 36	52,735	4	40,359	3	63,798	4	26,499	2
	28 to 32	146,337	10	138,694	10	203,096	14	89,946	6
	24 to 27	237,950	17	283,854	20	231,039	16	281,932	20
	20 to 23	383,117	27	294,322	21	343,326	24	474,554	33
	16 to 19	293,110	21	466,291	33	312,300	22	359,785	25
	13 to 15	175,652	12	188,580	13	191,145	13	121,336	9
	01 to 12	133,040	9	9,841	1	77,237	5	67,889	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Math	Reading	Science	Composite
National	Males	625,887	44	20.1	21.6	21.2	21.3	21.2
	Females	764,282	54	21.0	20.4	21.5	20.4	21.0
	Missing	31,772	2	22.8	23.3	23.6	22.4	23.1

Table 2.8. Percent of Students Meeting College Readiness Benchmark Scores by Gender

Student Group	Gender	Percent of Students				Meet All Four
		English	Math	Reading	Science	
National	Males	65	47	51	32	26
	Females	70	38	53	24	19

Table 2.9. Number, College Readiness Benchmark Percent, and Average ACT Scores for ACT-Tested Graduates by Overall High School Curriculum

Student Group	Curriculum Taken ²	N	English		Mathematics		Reading		Science		Composite ¹	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg
National	Core	873,743	75	21.6	50	21.9	59	22.3	33	21.6	27	22.0
	Non-Core	431,748	56	18.8	29	19.3	41	19.9	18	19.4	14	19.5
	Missing	116,450	62	19.9	42	20.8	48	20.8	27	20.3	23	20.6

¹% under Composite heading reflects the percent of students who meet all four benchmarks

²"Curriculum Taken" reflects overall high school curriculum.

For instance, "Core" results correspond to students taking four years of English AND three years each of math, social studies, and natural science.

Table 2.10. Number, College Readiness Benchmark Percent, and Average ACT Scores for ACT-Tested Graduates by Content-Specific Curriculum

Student Group	Curriculum Taken ¹	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
National	Core	1,216,115	70	20.8	1,192,135	46	21.4	1,137,832	54	21.6	1,063,049	32	21.4
	Non-Core	111,558	57	18.8	124,104	14	17.4	183,026	45	20.4	253,561	13	18.7
	Missing	94,268	64	20.2	105,702	42	20.8	101,083	50	21.1	105,331	28	20.5

¹"Curriculum Taken" reflects content-specific curriculum.

For instance, Reading "Core" results correspond to students taking three or more years each of social studies, regardless of courses taken in other content areas.