

**West Virginia
Higher Education
Policy Commission**

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TO: Legislative Oversight Commission on Education Accountability

FROM: Sarah Armstrong Tucker, Ph.D.
Chancellor

DATE: December 22, 2020

RE: 2020 Academic Readiness Report

**West Virginia
Council for Community
and Technical
College Education**

Robert L. Brown
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The Academic Readiness Report satisfies the requirements outlined in West Virginia Code §18B-1-1e concerning the assessment of student postsecondary readiness. In accordance with the requirement, this report will discuss the number of graduates from West Virginia public high schools who were accepted in the last calendar year for enrollment at a West Virginia public two- or four-year college or university in the fall semester following high school graduation, and whose knowledge, skill and competency were below the minimum expected levels for full preparation as defined by the governing boards. This information is disaggregated by county throughout the report.

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The West Virginia Higher Education Policy Commission (Commission) and the West Virginia Council for Community and Technical College Education (Council) are committed to postsecondary access and providing a quality educational experience at their respective institutions. This report focuses specifically on student preparation and college success indicators relative to the critical transition period from high school to college.

Of the students representing the 2019 public high school graduating cohort, approximately 42 percent attended an in-state, public postsecondary institution. The following academic preparation indicators are reviewed:

- Reported Student ACT and SAT Composite Scores
- Enrollment and success in Corequisite Education
- Enrollment and success in College-Level Coursework

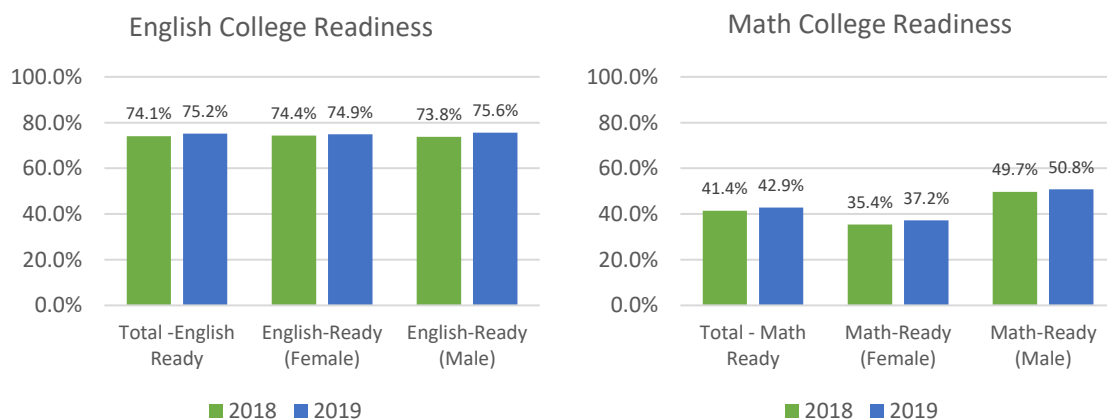
Students continue to have a choice between taking the ACT or SAT for admission to a West Virginia public postsecondary institution. Approximately 91 percent of the 2019 public West Virginia high school graduates who enrolled at a public postsecondary institution reported ACT or SAT scores (composite scores or subscores). Starting with 2019 high school graduates, significantly more students reported SAT scores in comparison to previous years, a shift likely precipitated by the state's recent transition to the SAT School Day test as the 11th grade summative assessment.

Students who are identified as academically underprepared for college-level coursework in mathematics or English are typically required to complete corequisite education courses. Traditional, non-credit bearing developmental education courses have been phased out by most West Virginia public institutions and have been replaced by corequisite education, a model recognized nationally as a best practice because it promotes student success while maintaining the academic rigor of important foundational courses. Under the corequisite model, students are enrolled in credit-bearing courses, usually in English or mathematics, and are provided additional academic support to help them find success and remain on track for on-time degree completion.

Key findings from our report are highlighted below:

- The average ACT composite score for 2019 West Virginia public high school graduates who enrolled in a public in-state postsecondary institution was 21.8, which increased slightly from the 2018 average score of 21.5.
- The average SAT composite score for 2019 West Virginia public high school graduates who enrolled in a public in-state postsecondary institution was 1042.
- Approximately 91 percent of the 2019 West Virginia public high school graduates who enrolled at a public postsecondary institution in the state reported either ACT or SAT scores. Of those:
 - 75.2 percent were considered prepared for college-level English (ACT English score 18 or higher, SAT Evidence-Based Reading and Writing score of 480 or higher); and
 - 42.9 percent were considered prepared for college-level mathematics (ACT Math score of 22 or higher, SAT Math score of 530 or higher).
- Figure 1 provides a comparison of mathematics and English college readiness rates among male and female students. English readiness rates were similar between males and females, while the data suggest that male students arrived at college better prepared for success in math.

Figure 1: English and Math College Readiness by Gender for 2018 and 2019 West Virginia Public High School Graduates attending a West Virginia Public Institution of Higher Education



- Only 14.9 percent of 2019 West Virginia public high school graduates were required to enroll in a corequisite English course. Of those, 72.0 percent achieved a passing grade (C or better).
- Approximately 23.0 percent of 2019 West Virginia public high school graduates were required to enroll in a corequisite math course. Of those, 67.0 percent passed the course with a C or better.
- Of the 56.5 percent of West Virginia public high school graduates who enrolled in college-level English at a public in-state postsecondary institution, 83.1 percent passed the course.
- Of the 54.8 percent of West Virginia public high school graduates who enrolled in college-level math at a public in-state postsecondary institution, 78.1 percent passed the course.

Through continued collaboration among our public postsecondary institutions and K-12 partners, we continue to see modest improvements in the percentage of high school graduates who were deemed academically prepared for college-level coursework after graduation. For example, the percentage of students who were considered adequately prepared for college-level English coursework increased from 74.1 to 75.2 percent since last year. Additionally, there was an increase in the proportion of students considered ready for college-level mathematics, up from 41.4 to 42.9 percent.

In many counties, more students enrolled in public postsecondary institutions in 2019 in comparison to the last year, including 12 counties where the 2019 enrollment exceeded the 2018 enrollment by 10 students or more. Further, 23 counties saw increases in the proportions of students who were prepared for college-level English and mathematics. For five of those counties the increases in both English and mathematics readiness were 10 percentage points or more.

These positive shifts in student preparation are evidence that more students are entering postsecondary institutions with the knowledge and skills critical for academic success. Further, changes in developmental education implemented by our public colleges and universities have made academic success more attainable for those students who require additional support.

I invite you to review the county-level data on the pages that follow and to contact me should you have questions or require additional information.

Average ACT Composite Scores for 2019 Public High School Graduates by County*

County	Number of Students with Reported ACT Score	Average ACT Score
Barbour	23	22.4
Berkeley	216	21.5
Boone	69	22.5
Braxton	32	22.0
Brooke	50	22.2
Cabell	319	22.2
Calhoun	16	19.8
Clay	30	20.8
Doddridge	18	18.9
Fayette	125	20.5
Gilmer	12	23.9
Grant	40	20.7
Greenbrier	72	20.6
Hampshire	40	20.9
Hancock	80	21.2
Hardy	47	21.6
Harrison	204	22.8
Jackson	95	21.3
Jefferson	85	22.5
Kanawha	501	21.7
Lewis	34	20.6
Lincoln	33	20.6
Logan	129	21.1
Marion	138	22.2
Marshall	81	22.0
Mason	82	22.4
McDowell	46	19.2
Mercer	159	20.2

County	Number of Students with Reported ACT Score	Average ACT Score
Mineral	86	22.3
Mingo	44	20.4
Monongalia	267	24.1
Monroe	35	20.6
Morgan	12	21.8
Nicholas	86	21.3
Ohio	127	22.2
Pendleton	17	21.3
Pleasants	15	20.5
Pocahontas	17	19.4
Preston	53	21.2
Putnam	316	22.6
Raleigh	218	22.0
Randolph	53	22.5
Ritchie	22	22.4
Roane	30	20.7
Summers	28	19.9
Taylor	29	22.1
Tucker	<10	22.7
Tyler	27	24.1
Upshur	47	21.5
Wayne	137	21.5
Webster	32	19.7
Wetzel	57	20.5
Wirt	<10	19.8
Wood	216	22.5
Wyoming	51	20.5
Statewide (Public High Schools)	4,814	21.8

* Students with both ACT and SAT scores on file were included in both the ACT and SAT calculations.

These data represent only those recent West Virginia public high school graduates who matriculated to a West Virginia public institution of higher education. Data were not available for graduates attending private or out-of-state public institutions.

Average SAT Composite Scores for 2019 Public High School Graduates by County*

County	Number of Students with Reported SAT Score	Average SAT Score
Barbour	26	1034
Berkeley	382	1038
Boone	48	1031
Braxton	31	1047
Brooke	39	1010
Cabell	91	1028
Calhoun	12	1025
Clay	26	938
Doddridge	24	1012
Fayette	114	1014
Gilmer	18	1037
Grant	35	1009
Greenbrier	68	1044
Hampshire	46	969
Hancock	80	1017
Hardy	44	1017
Harrison	244	1052
Jackson	36	1038
Jefferson	220	1102
Kanawha	422	1051
Lewis	36	989
Lincoln	18	996
Logan	26	985
Marion	211	1050
Marshall	122	1016
Mason	32	1034
McDowell	39	981
Mercer	193	1005

County	Number of Students with Reported SAT Score	Average SAT Score
Mineral	114	1030
Mingo	10	1001
Monongalia	327	1115
Monroe	24	995
Morgan	37	1042
Nicholas	49	1058
Ohio	141	1038
Pendleton	19	1089
Pleasants	<10	957
Pocahontas	16	1086
Preston	63	999
Putnam	142	1091
Raleigh	206	1053
Randolph	49	1017
Ritchie	18	1088
Roane	30	1035
Summers	21	960
Taylor	43	1020
Tucker	24	958
Tyler	26	1017
Upshur	52	1013
Wayne	40	1009
Webster	26	979
Wetzel	69	963
Wirt	<10	998
Wood	151	1081
Wyoming	27	974
Statewide (Public High Schools)	4,419	1042

* Students with both ACT and SAT scores on file were included in both the ACT and SAT calculations.

These data represent only those recent West Virginia public high school graduates who matriculated to a West Virginia public institution of higher education. Data were not available for graduates attending private or out-of-state public institutions.

Enrollment and Pass Rates for 2019 Public High School Graduates in Corequisite English Courses as First-Time Freshman at Public-Institutions

County	Number of Students Enrolled in Corequisite English Course	% Passing the Course
Barbour	<10	100.0%
Berkeley	28	85.7%
Boone	30	46.7%
Braxton	<10	33.3%
Brooke	<10	66.7%
Cabell	50	76.0%
Calhoun	<10	66.7%
Clay	13	53.8%
Doddridge	<10	85.7%
Fayette	34	70.6%
Gilmer	<10	80.0%
Grant	<10	88.9%
Greenbrier	11	81.8%
Hampshire	18	77.8%
Hancock	10	70.0%
Hardy	12	58.3%
Harrison	30	80.0%
Jackson	24	79.2%
Jefferson	13	84.6%
Kanawha	102	68.6%
Lewis	<10	66.7%
Lincoln	29	72.4%
Logan	56	80.4%
Marion	23	52.2%
Marshall	20	70.0%
Mason	11	81.8%
McDowell	17	64.7%
Mercer	70	70.0%

County	Number of Students Enrolled in Corequisite English Course	% Passing the Course
Mineral	23	91.3%
Mingo	71	77.5%
Monongalia	23	65.2%
Monroe	<10	100.0%
Morgan	<10	60.0%
Nicholas	11	72.7%
Ohio	14	78.6%
Pendleton	<10	40.0%
Pleasants	12	58.3%
Pocahontas	<10	83.3%
Preston	11	72.7%
Putnam	38	73.7%
Raleigh	43	74.4%
Randolph	12	75.0%
Ritchie	<10	100.0%
Roane	11	72.7%
Summers	<10	75.0%
Taylor	<10	66.7%
Tyler	0	.
Tucker	<10	88.9%
Upshur	12	41.7%
Wayne	12	75.0%
Webster	<10	33.3%
Wetzel	<10	62.5%
Wirt	<10	75.0%
Wood	40	82.5%
Wyoming	45	62.2%
Statewide (Public High Schools)	1,094	72.0%

Note: A majority of West Virginia public postsecondary institutions have transitioned to offering corequisite courses for academically underprepared students.

These data represent only those recent West Virginia public high school graduates who matriculated to a West Virginia public institution of higher education. Data were not available for graduates attending private or out-of-state public institutions.

Enrollment and Pass Rates for 2019 Public High School Graduates in Corequisite Math Courses as First-Time Freshman at Public-Institutions

County	Number of Students Enrolled in Corequisite Math Course	% Passing the Course
Barbour	12	83.3%
Berkeley	96	63.5%
Boone	32	56.3%
Braxton	11	54.5%
Brooke	<10	66.7%
Cabell	94	64.9%
Calhoun	<10	71.4%
Clay	17	58.8%
Doddridge	15	86.7%
Fayette	52	53.8%
Gilmer	<10	85.7%
Grant	14	64.3%
Greenbrier	22	72.7%
Hampshire	22	63.6%
Hancock	<10	42.9%
Hardy	21	52.4%
Harrison	94	72.3%
Jackson	38	78.9%
Jefferson	35	57.1%
Kanawha	150	64.0%
Lewis	19	84.2%
Lincoln	38	50.0%
Logan	66	74.2%
Marion	83	66.3%
Marshall	14	78.6%
Mason	21	81.0%
McDowell	21	66.7%
Mercer	65	55.4%

County	Number of Students Enrolled in Corequisite Math Course	% Passing the Course
Mineral	42	85.7%
Mingo	55	81.8%
Monongalia	42	76.2%
Monroe	<10	50.0%
Morgan	<10	87.5%
Nicholas	20	55.0%
Ohio	21	71.4%
Pendleton	<10	0.0%
Pleasants	16	50.0%
Pocahontas	<10	100.0%
Preston	16	62.5%
Putnam	60	71.7%
Raleigh	48	70.8%
Randolph	20	70.0%
Ritchie	<10	50.0%
Roane	<10	66.7%
Summers	11	72.7%
Taylor	17	76.5%
Tucker	12	75.0%
Tyler	<10	80.0%
Upshur	26	57.7%
Wayne	59	67.8%
Webster	10	70.0%
Wetzel	<10	75.0%
Wirt	<10	66.7%
Wood	46	52.2%
Wyoming	41	70.7%
Statewide (Public High Schools)	1,690	67.0%

Note: A majority of West Virginia public postsecondary institutions have transitioned to offering corequisite courses for academically underprepared students.

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Enrollment and Pass Rates for 2019 Public High School Graduates in College-Level English Courses as First-Time Freshman at Public-Institutions

County	Number of Students Enrolled in College-Level English Course	% Passing the Course
Barbour	21	95.2%
Berkeley	276	82.6%
Boone	32	87.5%
Braxton	20	70.0%
Brooke	54	83.3%
Cabell	283	83.7%
Calhoun	<10	85.7%
Clay	20	90.0%
Doddridge	21	81.0%
Fayette	100	79.0%
Gilmer	12	91.7%
Grant	17	82.4%
Greenbrier	72	81.9%
Hampshire	22	68.2%
Hancock	52	88.5%
Hardy	35	82.9%
Harrison	205	85.9%
Jackson	46	82.6%
Jefferson	165	87.3%
Kanawha	351	81.5%
Lewis	24	87.5%
Lincoln	34	76.5%
Logan	93	89.2%
Marion	180	83.3%
Marshall	96	88.5%
Mason	62	82.3%
McDowell	39	76.9%
Mercer	128	76.6%

County	Number of Students Enrolled in College-Level English Course	% Passing the Course
Mineral	48	79.2%
Mingo	31	87.1%
Monongalia	283	91.2%
Monroe	24	83.3%
Morgan	24	79.2%
Nicholas	58	81.0%
Ohio	100	80.0%
Pendleton	<10	75.0%
Pleasants	<10	57.1%
Pocahontas	<10	100.0%
Preston	50	78.0%
Putnam	221	82.8%
Raleigh	185	88.1%
Randolph	46	82.6%
Ritchie	14	64.3%
Roane	22	68.2%
Summers	27	70.4%
Taylor	38	89.5%
Tucker	11	54.5%
Tyler	14	64.3%
Upshur	46	80.4%
Wayne	138	76.8%
Webster	19	68.4%
Wetzel	26	69.2%
Wirt	<10	83.3%
Wood	200	83.0%
Wyoming	35	91.4%
Statewide (Public High Schools)	4,148	83.1%

These data represent only those recent West Virginia public high school graduates who matriculated to a West Virginia public institution of higher education. Data were not available for graduates attending private or out-of-state public institutions.

Enrollment and Pass Rates for 2019 Public High School Graduates in College-Level Math Courses as First-Time Freshman at Public-Institutions

County	Number of Students Enrolled in College-Level Math Course	% Passing the Course
Barbour	16	87.5%
Berkeley	295	78.6%
Boone	44	77.3%
Braxton	28	78.6%
Brooke	50	74.0%
Cabell	214	76.2%
Calhoun	<10	57.1%
Clay	11	72.7%
Doddridge	14	78.6%
Fayette	100	75.0%
Gilmer	<10	100.0%
Grant	23	60.9%
Greenbrier	86	73.3%
Hampshire	28	71.4%
Hancock	66	77.3%
Hardy	31	87.1%
Harrison	152	80.3%
Jackson	61	82.0%
Jefferson	180	78.9%
Kanawha	373	78.3%
Lewis	20	90.0%
Lincoln	16	75.0%
Logan	68	80.9%
Marion	127	78.7%
Marshall	75	74.7%
Mason	52	80.8%
McDowell	30	66.7%
Mercer	110	79.1%

County	Number of Students Enrolled in College-Level Math Course	% Passing the Course
Mineral	78	71.8%
Mingo	23	65.2%
Monongalia	278	79.1%
Monroe	23	87.0%
Morgan	30	70.0%
Nicholas	57	77.2%
Ohio	112	72.3%
Pendleton	20	80.0%
Pleasants	<10	77.8%
Pocahontas	11	81.8%
Preston	47	63.8%
Putnam	222	79.7%
Raleigh	201	79.1%
Randolph	33	75.8%
Ritchie	14	71.4%
Roane	24	83.3%
Summers	24	75.0%
Taylor	32	87.5%
Tucker	13	69.2%
Tyler	22	90.9%
Upshur	39	74.4%
Wayne	91	82.4%
Webster	22	86.4%
Wetzel	50	78.0%
Wirt	<10	87.5%
Wood	219	83.6%
Wyoming	42	76.2%
Statewide (Public High Schools)	4,024	78.1%

These data represent only those recent West Virginia public high school graduates who matriculated to a West Virginia public institution of higher education. Data were not available for graduates attending private or out-of-state public institutions.

First-time Freshmen Percentage of Students Ready for College-Level Coursework in English and Math for 2018 and 2019 Graduating Class

	2018 Graduating Class			2019 Graduating Class		
	Number of Students Enrolling in a Public In-State Institution	% English Ready	% Math Ready	Number of Students Enrolling in a Public In-State Institution	% English Ready	% Math Ready
Barbour	20	65.0%	20.0%	34	82.4%	41.2%
Berkeley	432	79.4%	41.0%	474	75.5%	38.8%
Boone	96	58.3%	38.5%	85	80.0%	48.2%
Braxton	51	82.4%	52.9%	43	81.4%	48.8%
Brooke	90	80.0%	41.1%	68	73.5%	35.3%
Cabell	379	75.5%	41.7%	361	76.2%	40.7%
Calhoun	25	48.0%	24.0%	17	58.8%	23.5%
Clay	36	55.6%	30.6%	40	62.5%	35.9%
Doddridge	21	71.4%	42.9%	31	77.4%	22.6%
Fayette	155	61.3%	27.1%	162	69.1%	27.8%
Gilmer	29	62.1%	37.9%	18	77.8%	66.7%
Grant	61	77.0%	52.5%	45	75.6%	35.6%
Greenbrier	117	68.4%	32.5%	99	71.7%	36.4%
Hampshire	85	68.2%	37.6%	57	50.9%	26.3%
Hancock	95	66.3%	46.3%	101	67.3%	47.5%
Hardy	39	74.4%	30.8%	56	78.6%	39.3%
Harrison	318	76.4%	50.3%	322	80.1%	44.1%
Jackson	121	80.2%	40.5%	101	71.3%	33.7%
Jefferson	262	85.9%	50.0%	257	82.5%	55.3%
Kanawha	641	72.1%	38.7%	662	74.5%	41.4%
Lewis	52	80.8%	44.2%	43	72.1%	25.6%
Lincoln	65	64.6%	38.5%	47	70.2%	29.8%
Logan	155	55.5%	21.3%	138	79.7%	34.8%
Marion	255	72.9%	42.7%	267	74.5%	43.8%
Marshall	143	70.6%	38.5%	139	74.8%	45.3%
Mason	82	78.0%	48.8%	95	83.2%	40.0%
McDowell	51	49.0%	15.7%	59	69.5%	16.9%
Mercer	223	71.7%	45.3%	218	65.6%	36.7%
Mineral	110	81.8%	54.5%	127	78.0%	52.0%
Mingo	86	58.1%	18.6%	48	60.4%	25.0%
Monongalia	355	85.1%	54.9%	394	85.8%	67.0%

	2018 Graduating Class			2019 Graduating Class		
	Number of Students Enrolling in a Public In-State Institution	% English Ready	% Math Ready	Number of Students Enrolling in a Public In-State Institution	% English Ready	% Math Ready
Monroe	50	64.0%	24.0%	38	78.9%	34.2%
Morgan	47	74.5%	34.0%	41	65.9%	43.9%
Nicholas	110	67.3%	38.2%	94	76.6%	40.4%
Ohio	155	80.6%	49.7%	181	73.5%	38.7%
Pendleton	24	75.0%	50.0%	22	68.2%	63.6%
Pleasants	26	65.4%	26.9%	17	52.9%	23.5%
Pocahontas	19	78.9%	57.9%	20	65.0%	55.0%
Preston	91	74.7%	28.6%	74	74.3%	31.1%
Putnam	347	84.1%	56.8%	350	77.7%	51.4%
Raleigh	274	73.0%	40.9%	280	75.7%	52.9%
Randolph	70	77.1%	47.1%	71	63.4%	47.9%
Ritchie	24	95.8%	41.7%	25	80.0%	52.0%
Roane	55	72.7%	32.7%	41	70.7%	48.8%
Summers	33	84.8%	42.4%	32	65.6%	21.9%
Taylor	54	72.2%	40.7%	55	72.7%	49.1%
Tucker	32	78.1%	34.4%	28	60.7%	35.7%
Tyler	47	68.1%	31.9%	36	86.1%	47.2%
Upshur	48	85.4%	33.3%	75	68.0%	36.0%
Wayne	214	70.6%	34.1%	166	75.9%	33.7%
Webster	34	64.7%	29.4%	39	69.2%	20.5%
Wetzel	79	57.0%	25.3%	75	65.3%	29.3%
Wirt	22	68.2%	31.8%	12	58.3%	33.3%
Wood	280	75.0%	43.2%	241	80.5%	49.4%
Wyoming	86	77.9%	34.9%	63	68.3%	28.6%

Note: Data provided are only representative of students with a reported English or Math ACT or SAT score. For students with both ACT and SAT Score, all available scores were considered to determine college readiness. Scores were reported by the postsecondary institutions.

These data represent only those recent West Virginia public high school graduates who matriculated to a West Virginia public institution of higher education. Data were not available for graduates attending private or out-of-state public institutions.