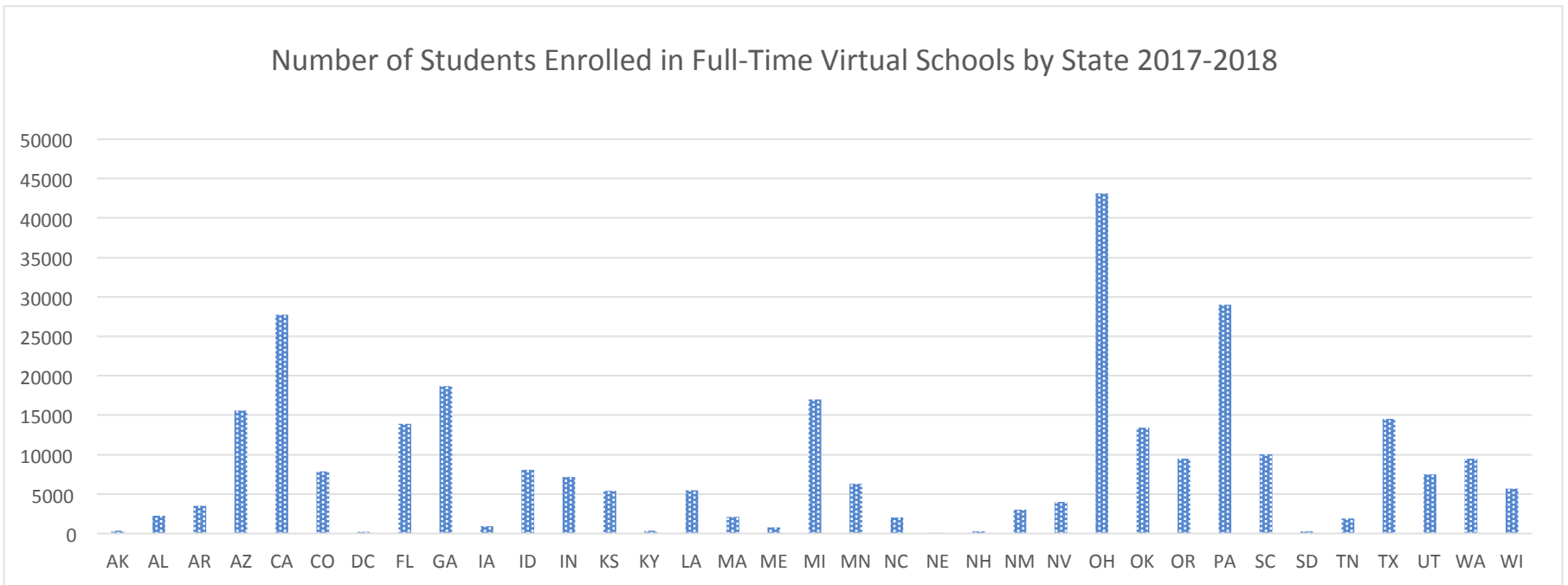
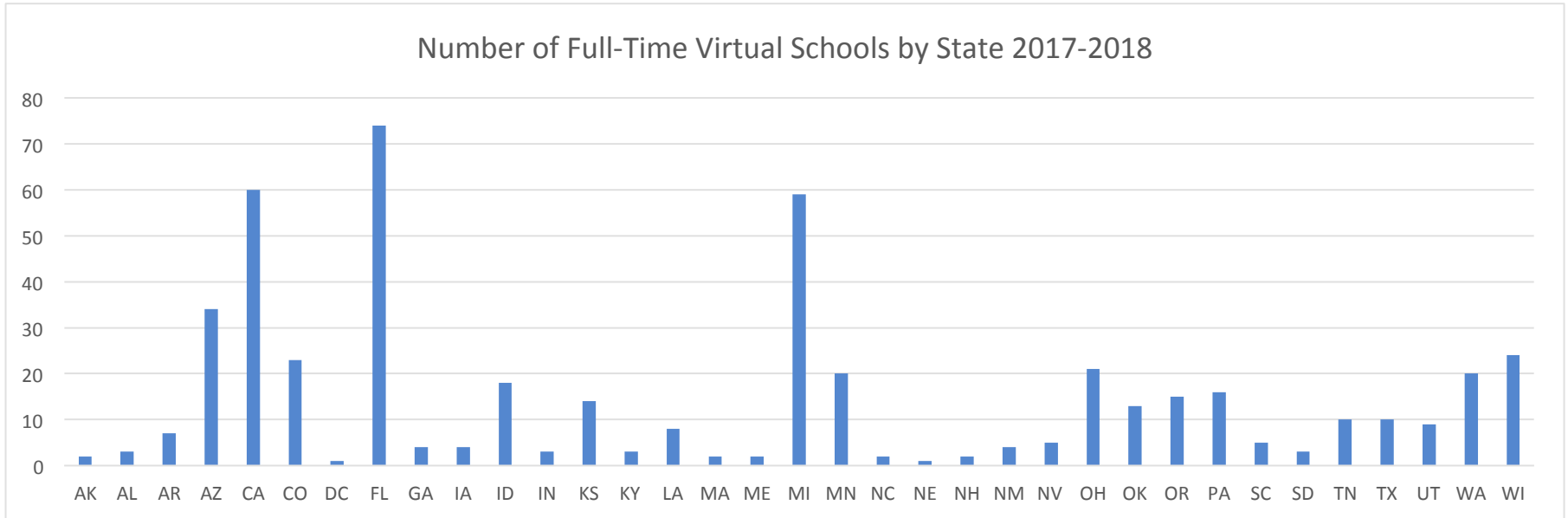
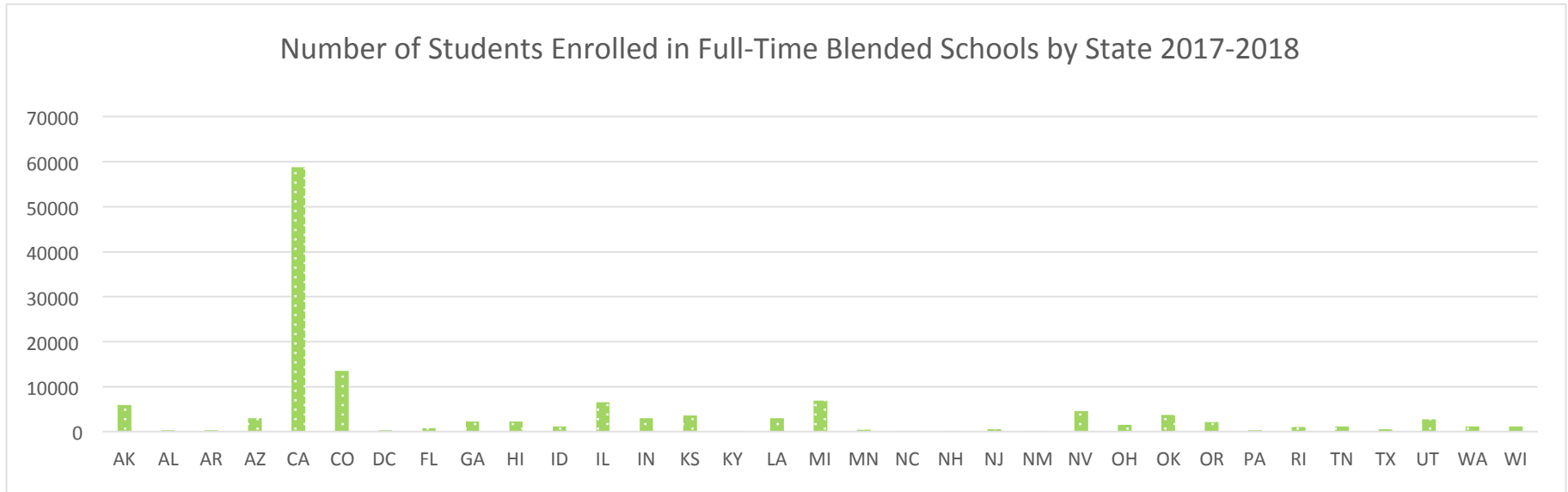
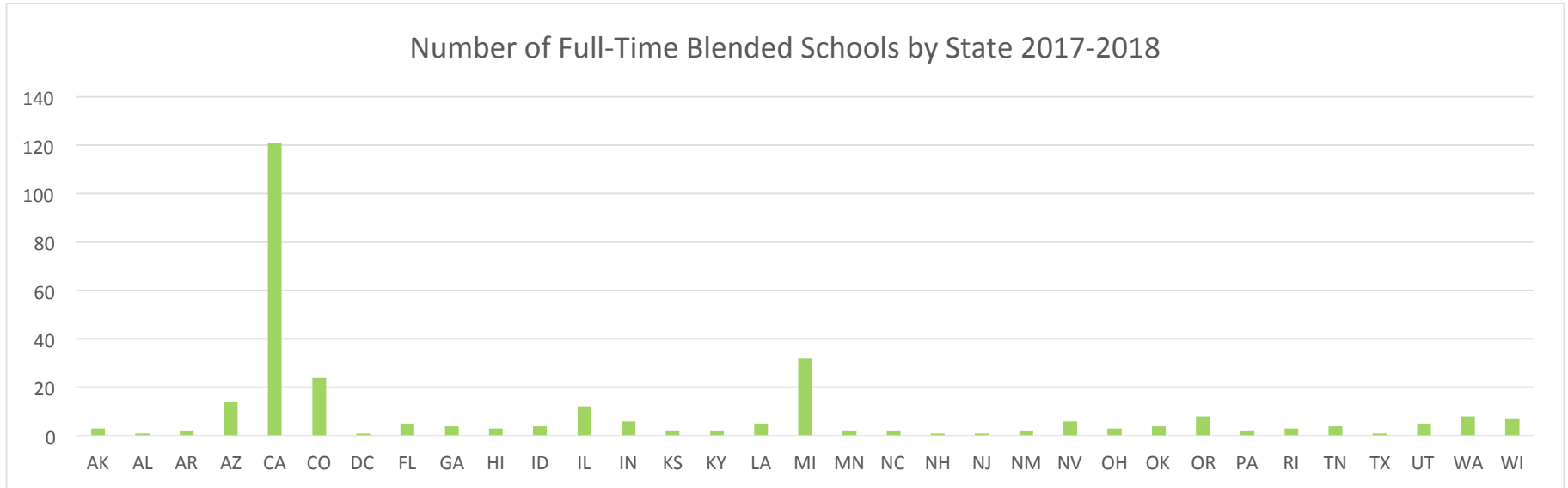


Appendix A1. Numbers of Full-time Virtual Schools and Students They Serve, by State



Appendix A2. Numbers of Blended Learning Schools and Students They Serve, by State



**Appendix B. States' Assessment System, School Performance Ratings
Summarized by States for their Full-Time Virtual and Blended Learning Schools**

State	Measures Included in State Accountability System	Overall Ratings Included in Analysis?	Determination of Acceptable and Unacceptable	Number of Acceptable, Unacceptable, and Not Rated Full-time Virtual Schools	Number of Acceptable, Unacceptable, and Not Rated Full-time Blended Learning Schools	Graduation Rate Full-time Virtual Schools*	Graduation Rate Full-time Blended Learning Schools*
Alabama	<ul style="list-style-type: none"> • Learning gains in Reading and Math • Student achievement in Reading and Math • Alabama PLAN 2020 Program Reviews • Local indicator • Achievement gap (schools without a grade 12 only) • College & Career-Ready (schools with a grade 12 only) • Graduation rate (schools with a grade 12 only) • Attendance (as a bonus) https://ap.alsde.edu/accountability/atof	No	Not applicable	Not applicable	Not applicable	Not Applicable	Not Applicable
Alaska	<ul style="list-style-type: none"> • ELA • Math • Participation Rate • Attendance Rate • Graduation Rate https://education.alaska.gov/reportcardtothepublic/	yes		Acceptable=1/2 (50%) Unacceptable=1/2 (50%)	Unacceptable=3/3 (100%)	50.73%	67.82%
Arizona	<ul style="list-style-type: none"> -Proficiency ELA and Math -Growth ELA and Math (percentiles and target) -English Language Learners -Acceleration/Readiness https://azsbe.az.gov/f-school-letter-grades	No	Not applicable	Not applicable	Not applicable	37.09%	23.76%
		Only preliminary grades were released for 2016-17 and most of the Virtual and Blended				25 schools	11 schools

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State	Measures Included in State Accountability System	Overall Ratings Included in Analysis?	Determination of Acceptable and Unacceptable	Number of Acceptable, Unacceptable, and Not Rated Full-time Virtual Schools	Number of Acceptable, Unacceptable, and Not Rated Full-time Blended Learning Schools	Graduation Rate Full-time Virtual Schools*	Graduation Rate Full-time Blended Learning Schools*
		Schools did not receive preliminary grades					
Arkansas	<ul style="list-style-type: none"> The ESSA School Index score stakeholder recommended rating scale http://www.arkansased.gov/divisions/public-school-accountability/school-performance/report-card	yes	Acceptable=A, B, C Unacceptable=D, F	Acceptable=5/7 (71.42%) Unacceptable=1/7 (14.29%) Not Rated=1/7 (14.29%)	Acceptable=1//2 (50%) Not Rated=1/2 (50%)	73.45% 2 schools	54.36% 2 schools
CA	Detailed information about California schools can be found on the California School Dashboard (https://www.caschooldashboard.org/#/Home) or through School Accountability Report Card Reports (http://sarconline.org).	No California's new system does not include an overall rating.	Not applicable	Not applicable	Not applicable	50.18% 32 schools	71.59% 42 schools
CO	<ul style="list-style-type: none"> Academic achievement Academic growth Postsecondary & workforce readiness http://www.cde.state.co.us/schoolview/performance	Yes	Acceptable=Performance Plan Unacceptable=Improvement Plan, Priority Improvement Plan, Turnaround Plan	Acceptable=6/23 (26.1%) Unacceptable=8/23 (34.8%) Not Rated=9/23 (39.1%)	Acceptable=11/24 (45.83%) Unacceptable=11/24(45.83%) Not Rated=2/24 (8.33%)	49.66% 16 schools	43.3% 15 schools

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Summarized by States for their Full-Time Virtual and Blended Learning Schools**

State	Measures Included in State Accountability System	Overall Ratings Included in Analysis?	Determination of Acceptable and Unacceptable	Number of Acceptable, Unacceptable, and Not Rated Full-time Virtual Schools	Number of Acceptable, Unacceptable, and Not Rated Full-time Blended Learning Schools	Graduation Rate Full-time Virtual Schools*	Graduation Rate Full-time Blended Learning Schools*
DC	STUDENT PROGRESS (Growth on English Language Arts (ELA) and math assessments) PARENT SATISFACTION (Based on re-enrollment) STUDENT ACHIEVEMENT College and Career Ready performance on ELA and math state assessments ATTENDANCE Percentage of students at school each day. FOR HIGH SCHOOL 9th graders on track to graduate 11th grade PSAT performance 12th grade SAT/ACT performance College acceptance rate Graduation rate Performance on Advanced Placement (AP) International Baccalaureate (IB) tests passing grade in Dual Enrollment courses. https://www.dcpccb.org/schoolquality?field_school_tier_value=All&keys=FriendshipPCS Online	No	Tier 1= High-performing Score = 65.0 – 100% Tier 2 - Mid-Performing Score = 35.0 – 64.9% Tier 3 - Low-Performing Score = 0.0 – 34.9% Acceptable is Tier 1 Unacceptable is Tier 2 and Tier 3	Unacceptable= 1/1 (100%)	Not Rated= 1/1 (100%)	Not applicable	Not applicable
FL	<ul style="list-style-type: none"> Achievement, learning gains, and learning gains of the lowest 25% for ELA, Math, Science and Social Studies. Graduation rate Acceleration success (high school: AP, IB, AICE, dual enrollment or industry certification; middle school: EOCs or industry certification) 	Yes	Acceptable = A, B Unacceptable = C, D, F	Acceptable= 23/74 (31.1%) Unacceptable= 11/74 (14.86%) Not Rated= 40/74 (54.1%)	Unacceptable= 1/5 (20%) Not Rated= 4/5 (80%)	80.92% 27 schools	22.01% 5 schools

**Appendix B. States' Assessment System, School Performance Ratings
Summarized by States for their Full-Time Virtual and Blended Learning Schools**

State	Measures Included in State Accountability System	Overall Ratings Included in Analysis?	Determination of Acceptable and Unacceptable	Number of Acceptable, Unacceptable, and Not Rated Full-time Virtual Schools	Number of Acceptable, Unacceptable, and Not Rated Full-time Blended Learning Schools	Graduation Rate Full-time Virtual Schools*	Graduation Rate Full-time Blended Learning Schools*
	http://schoolgrades.fldoe.org/						
GA	<ul style="list-style-type: none"> • Achievement • Progress • Achievement Gap https://schoolgrades.georgia.gov/	Yes	Acceptable= A, B, C Unacceptable= D, F	Acceptable = 2/4 (50%) Unacceptable = 2/4 (50%)	Unacceptable= 2/4 (50%) Not Rated = 2/4 (50%)	50.91% 2 schools	Not applicable
HI	Data available for: <ul style="list-style-type: none"> • Achievement • Growth • Readiness • Achievement gap http://www.hawaiipublicschools.org/VisionForSuccess/AdvancingEducation/StriveHIPerformanceSystem/Pages/home.aspx	No No overall rating available	Not applicable	Not applicable	Not applicable	Not applicable	78.86% 2 schools
IA	<ul style="list-style-type: none"> • Proficiency • College and career-ready growth • Closing achievement gap-minority students (within school and against state average) • Annual expected growth • Closing achievement gap-students with disabilities, FRL, ELL • College and career readiness • Graduation rate • Attendance • Staff retention • Parent involvement and teacher survey 	Yes	Acceptable= Acceptable, Commendable, High-Performing, Exceptional Unacceptable= Needs Improvement, Priority	Acceptable= 2/4 (50%) Unacceptable= 2/4 (50%)	Not applicable	52.35% 2 school	Not applicable

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Summarized by States for their Full-Time Virtual and Blended Learning Schools**

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	http://reports.educateiowa.gov/schoolreportcard						
ID	Data available for: <ul style="list-style-type: none"> Student performance by group is available for ELA, Math, and Science: anticipated release date is 9/1/17 https://apps.sde.idaho.gov/ReportCard/SchoolYear/23#	No No overall rating available	Not applicable	Not applicable	Not applicable	53.08% 10 school	84.01% 2 school
IL	Data available for: <ul style="list-style-type: none"> Academic success in ELA and Math Success by student group College and career readiness Graduation rate Teacher retention http://www.illinoisreportcard.com/	No No overall rating available	Not applicable	Not applicable	Not applicable	Not applicable	57.46% 4 school
IN	<ul style="list-style-type: none"> Performance Score: English Language Arts Score, Mathematics Score Growth Score: English Language Arts Score, Mathematics Score Multiple Measures Score: Graduation Score, College & Career Readiness Score http://www.doe.in.gov/accountability/indiana-student-centered-accountability	Yes	Acceptable= A, B Unacceptable= C, D, F	Acceptable= 0/4 (0%) Unacceptable= 33(100%)	Acceptable= 5/6 (83.3%) Unacceptable= 1/6 (16.67%)	39.06% 3 schools	71.43% 1 school
KS		No No overall	Not applicable	Not applicable	Not applicable	60.87%	53.19%

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	http://ksreportcard.ksde.org/	rating available				12 schools	2 school
KY	<ul style="list-style-type: none"> • Growth • Achievement Gap Closure • Proficiency (reading/writing & mathematics) • Other Academic Indicator (science & social studies) • Transition Readiness • Opportunity & Access https://education.ky.gov/AA/Acct/Documents/StandardSettingFinalReport.pdf	No No overall rating available	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
LA	<p>Elementary schools (K-6)</p> <ul style="list-style-type: none"> • 100 percent based on student achievement on annual assessments in English language arts, math, science, and social studies <p>Middle schools (7-8)</p> <ul style="list-style-type: none"> • 95 percent of the school grade is based on student achievement on annual assessments • Five percent of the school grade is based on credits earned through the end of students' 9th grade year. <p>High schools (9-12): Half of the school grade is based on student achievement on state assessments and the other half on graduation performance.</p> <ul style="list-style-type: none"> • 25 percent is attributed to student performance on the ACT or WorkKeys • 25 percent is attributed to student 	Yes	Acceptable= A, B Unacceptable= C, D, F	Acceptable= 1/8 (12.5%) Unacceptable= 6/8 (75.0%) Not Rated= 1/8 (12.5%)	Not Rated= 5/5 (100%)	Not applicable	Not applicable

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Summarized by States for their Full-Time Virtual and Blended Learning Schools**

State	Measures Included in State Accountability System	Overall Ratings Included in Analysis?	Determination of Acceptable and Unacceptable	Number of Acceptable, Unacceptable, and Not Rated Full-time Virtual Schools	Number of Acceptable, Unacceptable, and Not Rated Full-time Blended Learning Schools	Graduation Rate Full-time Virtual Schools*	Graduation Rate Full-time Blended Learning Schools*
	<p>performance on End-of-Course assessments</p> <ul style="list-style-type: none"> • 25 percent is attributed to the strength of diploma index, which rewards achievements like Advanced Placement and International Baccalaureate exam credit • 25 percent is attributed to the cohort graduation rate, or the percentage of students who started 9th grade and graduated on-time within four years. <p>Schools may also earn additional points for significant improvement with students who are academically behind.</p> <p>http://www.louisianaschools.com/</p>						
ME		No No overall rating available	Not applicable	Not applicable	Not applicable	48.98% 1 school	Not applicable
MA	<ul style="list-style-type: none"> • ELA, Math & Science proficiency gap narrowing • ELA & Math growth (SGP) • Annual Dropout rate • Cohort Graduation rate <p>http://profiles.doe.mass.edu/statereport/accountability.aspx</p>	Yes	Acceptable= Commendation , Level 1, Level 2 Unacceptable= Level 3, Level 4, Level 5	Unacceptable= 2/2 (100%)	Not applicable	Not applicable	Not applicable

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MI	<ul style="list-style-type: none"> • Growth • Graduation Rates • Proficiency • English learners progress index • Assessment participation • School quality and Student Success index https://www.mischooldata.org/SchoolIndex2/SchoolOverview.aspx?SchoolLevel=High%20School&LocationId=S,8546,1268,89&LocationCode=06117	No	Not applicable	Not applicable	Not applicable	34.16%	39.5%
		Grades for 2017-18 not published at time of report				52 schools	26 schools
MN	<ul style="list-style-type: none"> • The number of students meeting standards in math, reading, and science over time • Graduation rates. http://rc.education.state.mn.us/	No	Not applicable	Not applicable	Not applicable	49.1%	57.59%
		No overall rating available				16 schools	2 schools
NE	http://nep.education.ne.gov/Schools/Index/40-0082-003?DataYears=20172018&type=ELEMENTARY	No	Not applicable	Not applicable	Not applicable	37.0%	Not applicable
		Grades for 2017-18 not published at time of report				1 school	
NC	<ul style="list-style-type: none"> • Student achievement • Academic growth http://www.ncpublicschools.org/accountability/reporting/	Yes	Acceptable= A, B, C Unacceptable= D, F	Unacceptable= 2/2 (100%)	Acceptable= 1/2 (50%) Not Rated = 1/2 (50%)	60.0%	92.6%
						1 school	1 school

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Summarized by States for their Full-Time Virtual and Blended Learning Schools**

State	Measures Included in State Accountability System	Overall Ratings Included in Analysis?	Determination of Acceptable and Unacceptable	Number of Acceptable, Unacceptable, and Not Rated Full-time Virtual Schools	Number of Acceptable, Unacceptable, and Not Rated Full-time Blended Learning Schools	Graduation Rate Full-time Virtual Schools*	Graduation Rate Full-time Blended Learning Schools*
NH	http://my.doe.nh.gov/profiles/profile.aspx?d=35&year=2017	No Grades for 2017-18 not published at time of report	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
NJ	<ul style="list-style-type: none"> English and Math Achievement Graduation rates Chronic absenteeism. https://rc.doe.state.nj.us/SearchForSchool.aspx	No Grades for 2017-18 not published at time of report	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
NM	<ul style="list-style-type: none"> Current standing (proficiency) School growth Student growth Opportunity to learn Graduation Career and College Readiness Bonus points for student and parent engagement http://aae.ped.state.nm.us/	Yes	Acceptable= A, B, C Unacceptable= D, F	Acceptable= 1/4 (25%) Unacceptable= 3/4 (75%)	Acceptable= 2/2 (100%) Unacceptable= 0/2 (0%)	38.49% 3 school	57.59% 2 school
NV	<ul style="list-style-type: none"> Academic Achievement-Student Proficiency English Language Proficiency Student Engagement Growth 	Yes	Acceptable = Five stars, four stars, three stars	Acceptable= 1/5 (20%) Unacceptable= 2/5 (40%)	Acceptable= 2//6 (33.33%) Unacceptable= 4/6 (66.67%)	65.01% 2 schools	82.44 4 schools

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	<ul style="list-style-type: none"> Closing Opportunity Gaps/Equity http://nspf.doe.nv.gov/Home/NVReportCards		Unacceptable= Two stars, one star	Not Rated= 2/5 (40%)			
OH	Data available for: <ul style="list-style-type: none"> Achievement Gap closing Progress K-3 literacy Graduate rate Prepared for success https://reportcard.education.ohio.gov/school/overview/142950	yes	Acceptable=A, B, C Unacceptable=D, F	Unacceptable= 6/21 (28.6%) Not Rated= 15/21 (71.4%)	Unacceptable= 1/3 (33.33%) Not Rated= 2/3 (66.67)	47.81% 17 schools	14.7% 3 schools
OK	<ul style="list-style-type: none"> Student growth Student performance http://afreportcards.ok.gov/	No	Not applicable	Not applicable	Not applicable	37.67% 4 schools	Not applicable
OR	<ul style="list-style-type: none"> Achievement Growth Student group growth http://www.ode.state.or.us/data/ReportCard/Media.aspx	No	Not applicable	Not applicable	Not applicable	61.8% 11 schools	73.92% 5 schools

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PA	<ul style="list-style-type: none"> Indicators of academic achievement Indicators of closing the achievement gap Indicators of academic growth Other academic indicators Extra credit for Advanced Placement http://www.paschoolperformance.org/SelectCounty#	No No overall rating	Not applicable	Not applicable	Not applicable	60.13% 12 schools	44.46% 2 schools
RI	<ul style="list-style-type: none"> Percent that meets expectations (proficiency) for ELA and Math Performance gaps or gap closure for ELA and Math Student Growth for ELA and Math High school graduation rate (HS only) https://reportcard.ride.ri.gov/	Yes	Acceptable=Three stars, four stars, five stars Unacceptable=Two stars, one star	Not applicable	Acceptable=1/3 (33.33%) Unacceptable=2/3 (66.67%)	Not applicable	98.5% 1 school
SC	<p>ACADEMICS:</p> <ul style="list-style-type: none"> Academic Achievement Preparing for Success English Learners' Progress Student Progress <p>SCHOOL ENVIRONMENT:</p> <ul style="list-style-type: none"> School Quality Classroom Environment Student Safety Financial Data https://screportcards.com	yes	Acceptable=>60 (Excellent) Unacceptable=<60 (Good, Average, Below Average, Unsatisfactory)	Unacceptable=5/5 (100%)	Not applicable	48.96% 5 schools	Not applicable

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SD	<p>Elementary/Middle School Accountability System Student Performance Student Progress English Language Learners Progress Attendance High School Accountability System Student Performance High School Completion On-Time Graduation College and Career Readiness English Language Learners Progress http://doe.sd.gov/accountability/index.aspx https://doe.sd.gov/reportcard/</p>	yes	Acceptable=>60 (Excellent) Unacceptable=<60 (Good, Average, Below Average, Unsatisfactory)	Unacceptable = 1/3 (33.33%) Not Rated= 2/3 (66.67%)	Not applicable	16.95% 1 school	Not applicable
TN	<p>https://www.tn.gov/education/topic/report-card</p>	No No overall ratings available	Not applicable	Not applicable	Not applicable	79.71% 6 schools	6.56% 2 schools
TX	<ul style="list-style-type: none"> • Student achievement • Student progress • Closing performance gaps • Postsecondary readiness <p>https://rptsvr1.tea.texas.gov/perfreport/account/2017/srch.html?srch=C</p>	Yes	Acceptable= Met Standard, Met Alternative Standard Unacceptable= Improvement Required	Acceptable= 8/10 (80%) Unacceptable= 2/10 (20%)	Acceptable= 1/1 (100%)	Not applicable	Not applicable

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UT	<ul style="list-style-type: none"> Academic proficiency Academic growth College and career readiness (HS) Participation rates https://datagateway.schools.utah.gov/Schools/27801	Yes	Acceptable= A, B Unacceptable= C, D, F	Acceptable= 0/9 (0%) Unacceptable= 6/9 (66.67%) Not Rated= 3/9 (33.33%)	Acceptable= 1/5 (20%) Unacceptable= 3/5 (60%) Not Rated= 1/5 (20%)	47.35% 6 schools	69.31% 3 schools
VA	http://schoolquality.virginia.gov/	No No virtual or blended schools this year for VA	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
WA	http://reportcard.ospi.k12.wa.us/summary.aspx	No No overall rating available	Not applicable	Not applicable	Not applicable	53.97% 7 schools	64.52% 3 schools
WI	<ul style="list-style-type: none"> Student achievement Student growth Closing gaps On-track and postsecondary readiness Student engagement 	Yes	Acceptable= Significantly Exceeds Expectations, Exceeds Expectations, Meets Expectations, Satisfactory (Alternative	Acceptable= 17/24 (70.83%) Unacceptable= 7/24 (29.17%)	Acceptable= 4/7 (57.14%) Unacceptable= 3/7 (42.85%)	67.88% 10 schools	89.3% 1 school

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	https://apps2.dpi.wi.gov/reportcards/		Rating) Unacceptable= Meets Few Expectations, Fails to Meet Expectations, Needs Improvement (Alternative Rating)				
*Note: the Graduation Rate Full-time Blended and virtual Learning Schools are Weighted Graduation Rates per enrollment.							