Nevada Ready!

State Improvement Plan: Shifting to a New Nevada 2017-2021



Dr. Steve Canavero, Superintendent of Public Instruction 3/16/2017

This document, commonly known as the State Improvement Plan (STIP), outlines certain key Department strategies for 2017 designed to improve student achievement by addressing identified problems and to begin to initiate changes to the overall system of P-12 public education through attention to additional factors identified through this analysis.

Table of Contents

INTRODUCTION	3
ABOUT THE DEPARTMENT OF EDUCATION	3
Department Vision	4
Department Mission	4
State Education Goals	4
Members of the Nevada State Board of Education	4
SECTION 1: DATA REVIEW AND ANALYSIS	4
DEMOGRAPHICS OF NEVADA'S K-12 POPULATION	5
STUDENT PERFORMANCE	6
FISCAL INFORMATION	15
TEACHER AND CLASSROOM DATA	16
SCHOOL PERFORMANCE PLANS	17
SECTION 2: COMMON PROBLEMS AND FACTORS	18
SECTION 3: GOALS, OBJECTIVES, TIMELINE, AND STRATEGIES FOR IMPROVEMENT	19
Goal 1: All students are proficient in reading by the end of 3rd grade.	23
Goal 2: All students enter high school with the skills necessary to succeed.	23
Goal 3: All students graduate college, career, and community ready.	23
Objective 1 – Strong Start [Goal 1 Only]	23
Objective 2 – Standards and Instruction	24
Objective 3 – Assessment	25
Objective 4 – Accountability	26
Objective 5 – School Improvement	27
Objective 6 – College and Career Readiness	27
Goal 4: All students served by effective educators.	28
Objective 7 – Equitable Distribution of Effective Educators	28
Objective 8 – Support Educator Capacity to Engage Parents and Families	29
Goal 5: Efficient and effective use of public funds in service to students.	30
Objective 9 – Fiscal Transparency	30
Objective 10 – Strategically Administer Grants to Aligned Goals	30
Goal 6: All students learn in an environment that is physically, emotionally, and intellectually safe.	32
Objective 11 – Students and Adults Develop Social and Emotional Competencies	32
Objective 12 – Empower Student Access to School Social Workers, Safe School Professionals, and	
Behavior Health Support Personnel	33
SECTION 4: INFORMATION CONCERNING SUCCESS AFTER GRADUATION	33
SECTION 5: ALLOCATION OF RESOURCES/BUDGET	34

PPENDIX I	36
Budget Impact of This Plan	<i>35</i>
Strategies for Improvement	35
	Budget Impact of This Plan

INTRODUCTION

State law requires the Nevada State Board of Education to develop an annual plan to improve the achievement of pupils enrolled in Nevada public schools. This plan, commonly referred to as the "State Improvement Plan," or "STIP," is prepared for State Board consideration by the Superintendent of Public Instruction and staff of the Department of Education, as well as a variety of stakeholders. The focus of this year's plan is similar to previous years - college and career readiness of all students in the P-12 public education system, but has also been informed by robust stakeholder engagement through the process of writing Nevada's Every Student Succeeds Act Consolidated State Plan and the development of the Department's new Five-Year Strategic Plan, which was adopted by the State Board in December of 2016. Nevada stakeholders came together to set a bold but achievable goal to become the fastest improving state in the nation. As the Department's programs evolve under the promise through the continued implementation of an historic suite of education programs and initiatives passed in 2015, we recognize that this plan reflects our continued effort in making sure Nevada's educators and students are truly ready for success.

Pursuant to NRS 385.3593 and Assembly Bill 30 from the 2015 Legislative Session, the plan must contain at least the following components:

- A review and analysis of student data collected by the Department;
- The identification of any problems or factors common among school districts or charter schools;
- Strategies to improve student achievement;
- Strategies to provide information about higher education and financial aid;
- Strategies to improve the allocation of resources, including information on the effectiveness of legislative appropriations related to education; and
- Clearly defined goals and benchmarks.

The plan must also include an identification of Department staff responsible for ensuring strategies are successful, as well as timelines and measurable criteria for determining such success, and a budget for the overall cost of carrying out the plan.

For 2017, the Superintendent of Public Instruction and Department staff elected to present a new plan for State Board approval that reflects many lessons learned from the implementation of the 2014, 2015, and 2016 STIP. Like its predecessor, this document adheres as closely as possible to statutory requirements, is focused solely on calendar year 2017, and seeks to provide the next step in the state's future plan amendments. The plan is limited to: (1) certain ongoing key activities of the Department, and (2) new initiatives the Department is beginning to implement. The Department's new Five-Year Strategic Plan, approved by the State Board in December 2016, is incorporated by reference as required by state law; it is available online.

ABOUT THE DEPARTMENT OF EDUCATION

Nevada's Department of Education consists of the State Board, the Superintendent of Public Instruction, approximately 170 employees, and more than a dozen statutorily-created committees, councils, and commissions. The Superintendent is the executive head of the Department and works in partnership

with the State Board on the development of regulations and policies governing P-12 public education. From the licensure of new educators, to the adoption of academic content standards, to the reporting of school performance, and the administration of federal and state appropriations, the Department directly and indirectly impacts the achievement of the nearly half a million school-aged children and some 30,000 adults seeking high school equivalency education. Pursuant to an Executive Order issued by Governor Sandoval in 2013, the Department also shares educational responsibility with the Nevada Department of Health and Human Services for an estimated 180,000 children aged 0 to 4. The Department works in close coordination with local school districts, the State Public Charter School Authority (SPCSA), the Nevada System of Higher Education, and Regional Professional Development Programs.

Department Vision

"All Nevadans ready for success in a global 21st Century."

Department Mission

To improve student achievement and educator effectiveness by ensuring opportunities, facilitating learning, and promoting excellence.

State Education Goals

- All students are proficient in reading by the end of 3rd grade.
- All students enter high school with the skills necessary to succeed.
- All students graduate college, career, and community ready.
- All students served by effective educators.
- Efficient and effective use of public funds in service to students.
- All students learn in an environment that is physically, emotionally, and intellectually safe.

Members of the Nevada State Board of Education

Elaine Wynn, President
Mark Newburn, Vice President
Robert Blakely
Beth Brown-Swanberg
David Carter
Tonia Holmes-Sutton
Dave Jensen
Sam Lieberman
Dawn Miller
Samantha Molisee
Felicia Ortiz

SECTION 1: DATA REVIEW AND ANALYSIS

The Department of Education collects and reports two primary sources of accountability data concerning the achievement of pupils: the Nevada Report Card and the Nevada School Performance Framework (NSPF). The Department also collects and reports data from the National Assessment of Educational Performance (NAEP), as well as information on Career and Technical Education (CTE) that is

not included in the Nevada Report Card. Included below is a high-level review of these available data streams; Department employees and stakeholders have analyzed this information for the reporting of problems and factors and the creation of related strategies.

DEMOGRAPHICS OF NEVADA'S K-12 POPULATION

As of March 2017, there were 467,527 students enrolled in Nevada's K-12 public schools (district and charter combined). Three entities -- Clark County School District, Washoe County School District, and the State Public Charter School Authority -- represent 89% of the total statewide enrollment, with the balance distributed among the 15 other districts.

Ethnicity

Nevada has a rapidly changing student population. The fastest growing ethnic group is Hispanic, with a corresponding decrease in the percent of White students as illustrated in Figure 1. Beginning in the 2010-2011 school year a new ethnicity classification, "Two or More Races," was introduced, which resulted in shifts in other categories. As revealed by data elsewhere in this analysis, long-standing ethnic subgroups (Black and American Indian in particular) continue to experience significant achievement gaps in student performance.

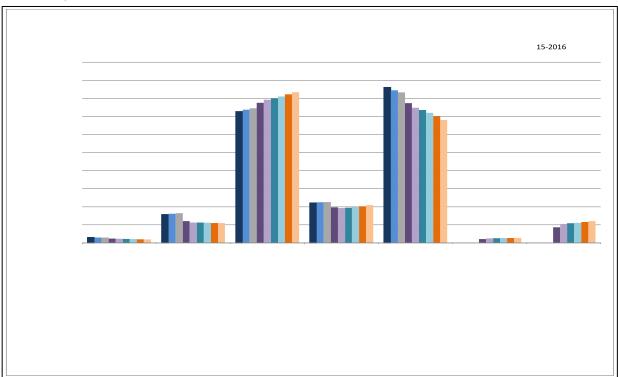


Figure 1 Nevada student enrollment by ethnicity

Special Populations

Figure 2 illustrates the three primary special population groups, English Learners (EL), Free/Reduced-price Lunch (FRL), and Special Education (IEP) program. There appears to be a significant increase in students qualifying for FRL, particularly since the 2009-2010 school year. Interestingly, it appears that an

increase in the percentage of students qualifying for FRL coincides with a decrease in the percentage of students identified as EL.

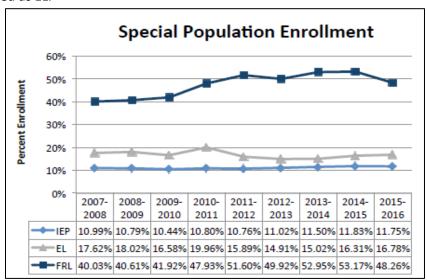


Figure 2 Percent of Nevada Students identified as IEP, EL, and/or FRL

STUDENT PERFORMANCE¹

Testing Irregularity

During the 2014-2015 school year, Nevada experienced a testing irregularity during the first administration of the computer-based Smarter Balanced criterion-referenced tests (CRT), resulting in incomplete assessment results for students in grades 3-8 in English Language Arts (ELA) and Mathematics statewide. On April 20, 2015, former Superintendent Dale Erquiaga issued a guidance memo to school districts and the SPCSA that addressed the disruption in computer service during the administration of the CRTs and provided a course of action for districts and the SPCSA to follow in light of the testing challenge. Subsequently, a large number of Nevada students were unable to complete the required testing, causing an incomplete data set relative to statewide student performance and achievement. Therefore, the analysis of student performance data is without 2014-2015 student test results. Figure 3 represents student data, grades 3-8, through the 2015-16 school year. Nevada schools will receive a new star rating on the Nevada School Performance Framework (NSPF) on September 15, 2017. This will be the first new star rating schools will have received since the 2013-2014 school year.

Aggregate Data

Two primary metrics exist which are used to evaluate and describe the performance of Nevada students: scale scores and the percentage of students at one of four proficiency levels.

The number of questions a student correctly answers is converted into a value on a scale for any given assessment. Based upon the scale score, a student will fall into one of four performance categories, otherwise known as "proficiency levels": Emergent/Developing (ED), Approaches Standard (AS), Meets

¹ Note: Data presented are for representative grades. Comprehensive data is available at the <u>Nevada Report Card</u> <u>web site</u>.

Standard (MS), or Exceeds Standard (ES). The demarcation point for any given proficiency level is referred to as a "cut score." To understand how groups of students are performing, scores of individual students are aggregated and reported as mean scale scores and percentage of students at each of the four performance levels. Trends in the performance of Nevada's students overall, or in specific subgroups of students, can then be reported by reviewing these data over time².

The mean scale score and percent proficient values typically move in a correlated fashion; as the average scale score of Nevada students increase, there is often a corresponding increase in the number of students reaching the categories of MS or ES, although this is not necessarily the case. For example, it is possible to see a moderate increase in the mean scale score of students in the bottom 25 percent of the data range with no corresponding increase in the top 75 percent of students. This could increase the overall mean scale score for the state while only moving that group of students from the ED range to the AS range. This would be seen as an increase in the state mean scale score with no change in the percent proficient. Changes in performance standards, cut scores, or assessments can result in shifts in trend lines for mean scale scores, percentage of students reaching the cut scores for proficient or above, or shifts in both. Such changes in the trend lines can be seen in Figure 3. These shifts in trend co-occurred with policy changes in Mathematics in the 2008-2009 and 2011-2012 school years, and in Reading in the 2009-2010 school year. By comparison, science did not undergo major policy changes recently and the data for mean scale score and percent proficient have moved in a relatively parallel manner. Although changes in policy can result in sudden shifts in various measures of performance, there are many other factors that can influence the performance of groups of students.

_

² Changes in slope of any given trend line or between data points do not necessarily indicate a statistically significant change. A change of one point, or even several points, may simply indicate random variance in scores from year to year.

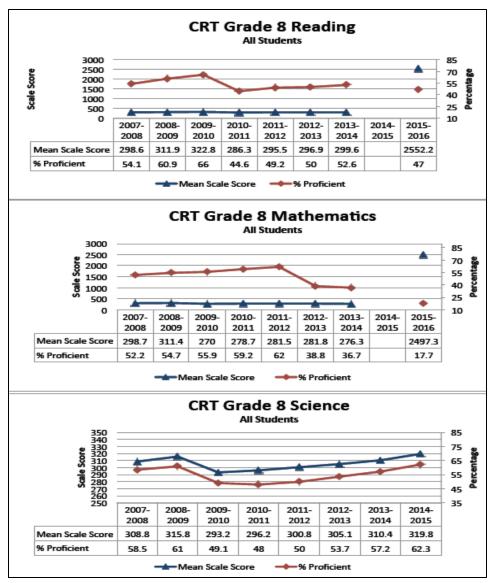


Figure 1 Grade 8 student performance in Mathematics, Reading, and Science

Another assessment is available to provide a degree of external validation of the CRT performance data. The NAEP assesses students in grades 4 and 8 in Reading, Mathematics, and other subjects. Every two years the results of such assessments are released as state-level data and can be used to compare general trends between the CRTs, which are based upon state standards, and NAEP, which is based upon a Federal framework. The two assessments are different in composition, design, scale, and administration; therefore results are not directly comparable. However, it is useful to compare trends in performance between the assessments to evaluate the general pattern of results. Using the available NAEP data as a comparison, Figure 4 shows a similar trend between CRT percent proficient and NAEP percent proficient for grade 8 Reading and Mathematics.

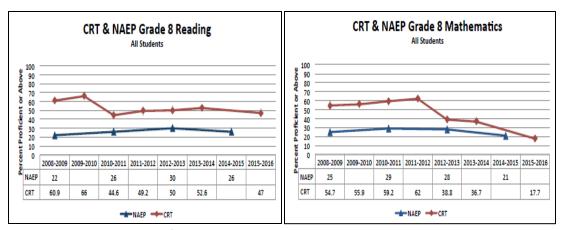


Figure 4 Nevada student performance on CRT and NAEP in Reading and Mathematics

The exceptions occur in years when Nevada assessment standards changed. These changes are reflected in the decline in mean scale scores in the 2009-2010 assessment year for Mathematics and the 2010-2011 assessment year for Reading. Overall, there had been a positive trend in aggregate performance of Nevada students in math and reading during the previous five years according to NAEP; however, there was a slight decline in 2014-2015.

Performance on the High School Proficiency Examinations (HSPE), see Figure 5, provides a clear illustration of the effect of policy change on student proficiency ratings and mean scale scores. The dramatic changes in performance in Reading and Mathematics coincide with changes in standards and cut scores.

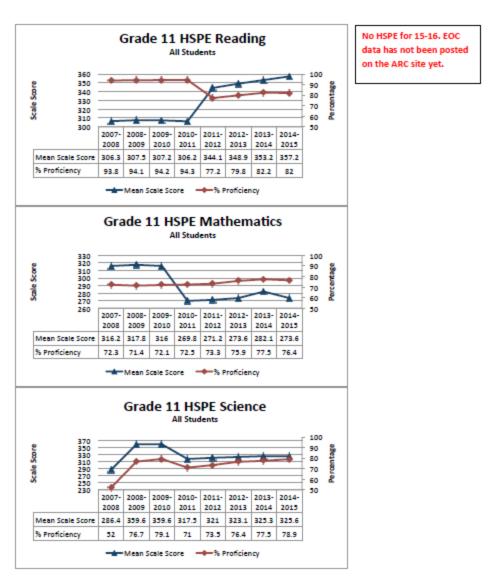


Figure 5 Grade 8 student performance in Mathematics, Reading, and Science

Ethnicity

Overall performance of students appears to have improved over the past five years with a decline in performance across all groups, except Asians, in 2013-2014. Figure 6 illustrates an apparent increase in the percent proficient of grade 4 students in Mathematics across most ethnic groups followed by the decline. A performance gap between ethnic groups exists. Figure 7 shows gaps between grade 4 and 8 White students compared to other ethnic groups. A significant difference exists between nearly all groups compared to Whites.

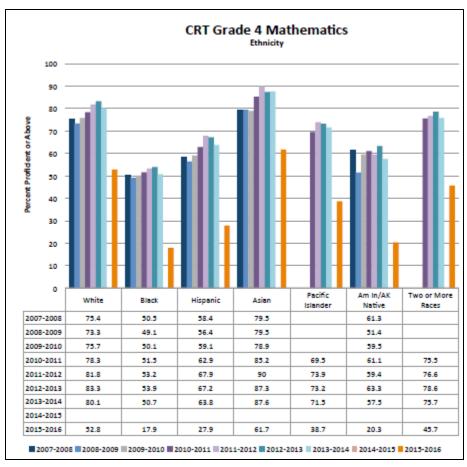


Figure 6 Grade 4 Mathematics performance by ethnicity

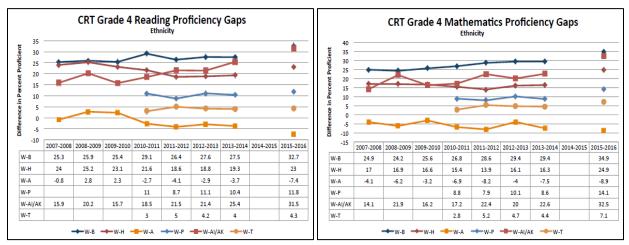


Figure 7 Grade 4 Reading and Mathematics proficiency gaps by ethnic group when compared to Whites

Special Populations

Data for the three primary special population groups; IEP, EL, and FRL are of a more complex nature. There exists a correlation between EL students and FRL students. This correlation, or covariance, between groups means that an overlap exists between the two data sets. As such, a change in values for

one group necessarily means a change in the other will exist, thus making an understanding of the factors affecting such changes more challenging. Figure 8 illustrates the overall pattern for IEP, EL, and FRL groups for grade 4 Reading and Mathematics.

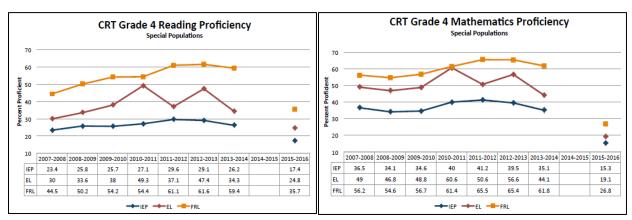


Figure 8 Grade 4 Reading and Mathematics proficiency by special population

The data appear to show a positive trend over the previous five years with a decline across all subgroups in 2013-2014. This pattern is consistent with the "All Student" analysis described earlier in this report. The corresponding NAEP data show a statistically significant increase in student performance over the same time period.

Aside from the overall performance of students, scores of dichotomous groups are compared to evaluate the status of any systematic gap in scores. For example, assessment scores of students qualifying for aid under the FRL program, which serves as an indicator of socioeconomic status, are compared to scores of those students who do not qualify for this aid and therefore are presumed to be in a higher socioeconomic group. The gaps between grade 4 percent proficient in special populations are shown in Figure 9. Again, small fluctuations in slope do not necessarily indicate statistically significant change.

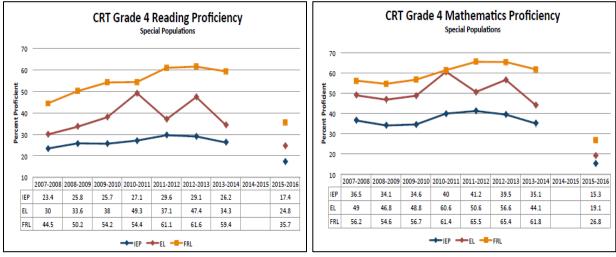


Figure 9 Grade 4 Reading and Mathematics proficiency gaps between students identified as part of a special population and their counterparts not identified as such

Career and Technical Education

The Nevada Office of Career Readiness, Adult Learning, and Education Options serves a breadth of students who are focused on more technical academic experiences as they grow into individuals who are college and career ready. A variety of performance indicators are available to review CTE student performance. Beyond providing a means of monitoring success, the data have the potential to provide insight into some of the motivation and drive that result in students taking CTE coursework. During the 2015-2016 school year, all grade levels experienced increased enrollment in CTE programs with an overall increased enrollment in CTE enrollment of 12 percent from 2014-2015 (56,544) to 2015-2016 (63,294). Ninth grade experienced the most significant increase (see Figure 10).

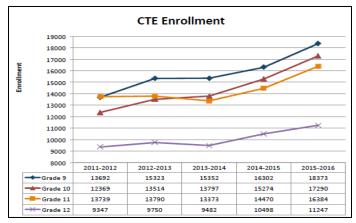


Figure 10 Career and Technical Education enrollment by year

Tables 1 and 2 show performance of grade 11 students on the Math, Reading, and Writing components of the 2014-2015 administration of the High School Proficiency Exam (HPSE) appears similar overall, however there appears to be a trend for CTE students to have slightly higher scores especially for Black and Hispanic students.

			LL		EP	Е	LL	F	RL
		#Tested	% Prof						
	Math	6798	86.82	396	49.49	163	32.52	2787	82.1
CTE 2014-2015	Reading	6794	89.67	393	51.4	160	30.63	2782	85.08
School Year	Writing	6803	89.77	389	46.27	163	37.94	2791	86.31
	Math	31256	76.4	2622	32.2	1594	28	14806	68.6
State 2014-2015	Reading	31241	82	2608	34.7	1584	22.5	14796	74.9
School Year	Writing	30850	80.7	2525	32.2	1523	23.8	14535	73.6

Table 1 CTE and State grade 11 HSPE percent proficient by subpopulation

		Am In/A	\K native	Bl	ack	His	oanic	W	hite	Two or N	ore Races	As	ian	Pacific	Islander
		#Tested	% Prof	#Tested	% Prof	#Tested	% Prof	#Tested	% Prof	#Tested	% Prof	#Tested	% Prof	#Tested	% Prof
	Math	70	78.57	476	76.47	2556	82.24	2661	90.91	369	91.6	576	94.62	90	87.78
CTE 2014-2015	Reading	70	77.14	476	81.51	2557	86.59	2657	92.81	369	92.95	575	94.96	90	90
School Year	Writing	72	83.33	480	84.17	2565	87.6	2657	91.38	368	94.84	569	94.38	92	89.13
Chaha 2014 2015	Math	302	72.8	3024	59.8	12193	69.8	11535	84.7	1661	82.1	2105	89.7	436	75
State 2014-2015 School Year	Reading	300	75.3	3008	69.3	12181	76.1	11545	89.7	1670	87.6	2103	88.9	434	79
SCHOOL LEGI	Writing	298	78.5	2946	70	12022	75.2	11414	86.9	1646	87.6	2095	88.4	429	82.5

Table 2 CTE and State grade 11 HSPE percent proficient by ethnicity

Graduation Rates

Beginning in the 2011-2012 academic year, a new formula has been used in the calculation of graduation rates. The new designation is "Cohort Graduation Rate." Overall, the statewide graduation rate has remained relatively the same over the past three years. Figure 11 shows the cohort graduation rate disaggregated by ethnicity as well as the statewide total. Figure 12 provides similar data for CTE students. Figure 13 shows the Nevada high school cohort graduation rate - CTE graduation rates compared to all Nevada student graduation rates. Notably, it appears that CTE students have consistently higher graduation rates than the general student population in Nevada. The CTE cohort graduation rate measures the graduation rates of students who reach concentrator status by completing two credits in a CTE course sequence.

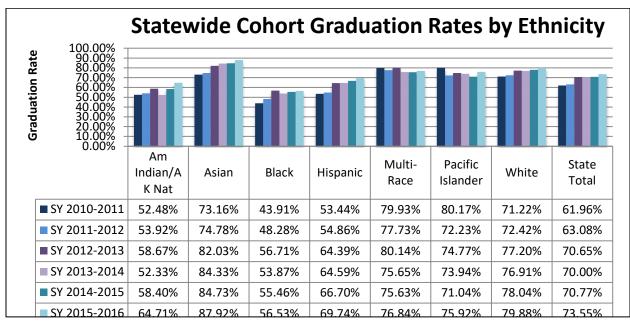


Figure 11 Statewide cohort graduation rates by ethnicity

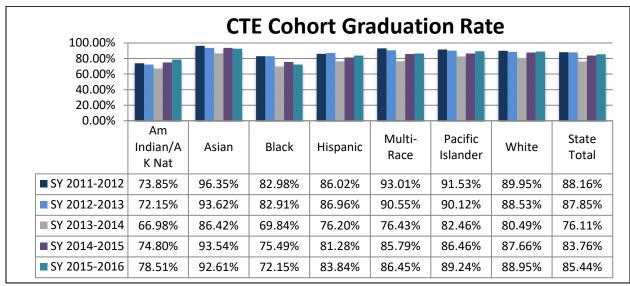


Figure 12 CTE cohort graduation rates by ethnicity

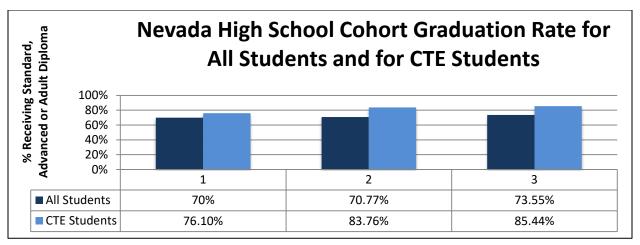


Figure 13 Nevada high school cohort graduation rate for all students and for CTE students

Disciplinary Incidents

Historically the Department of Education has tracked six categories of discipline incidents:

- Violence to Other Students
- Violence to School Staff
- Possession of Weapons
- Distribution of Controlled Substances
- Possession of Use or Controlled Substances
- Possession of Use of Alcoholic Beverages

During the 2011-2012 school year a seventh factor, Bullying, Cyber Bullying, Harassment & Intimidation, was added. As of 2013–2014 school year, harassment and intimidation were no longer identified as violations of a Safe and Respectful Learning Environment: the definitions of these two incidents were combined under the definitions of Bullying and Cyber-Bullying. Figure 14 shows the number of Bully and Cyber-Bullying incidents during the 2015-2016 school year. Figure 15 shows the change in discipline incidents over the past eight years for each category.

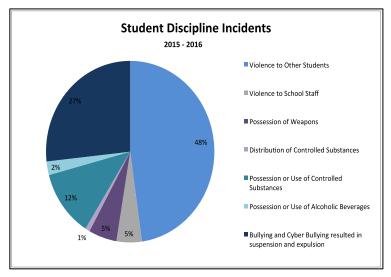


Figure 14 Student discipline incidents, 2015-2016

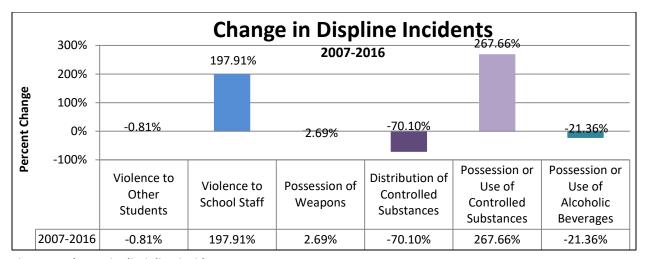


Figure 15 Change in discipline incidents, 2007-2016

FISCAL INFORMATION

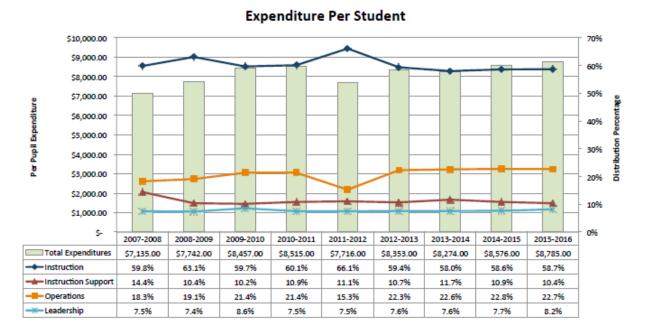


Figure 16 provides data on per pupil expenditures. By far, the majority of funding per pupil is devoted to instruction, with the second highest going towards operations. There appears to be an inverse relationship between these two areas during the previous six years and a slight increase in both during the 2014-2015 school year. [NOTE: While Department information on the state of local finances is somewhat limited by the State Accountability Information Network, Section 5 of this plan contains strategies dealing with the allocation of resources.]

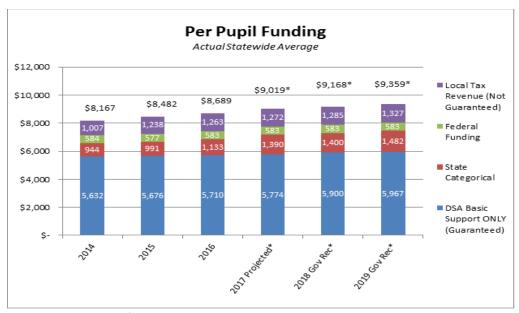


Figure 17 Per pupil funding

Figure 17 shows an increase in per pupil funding from 2014 to the Governor's recommended budget in 2019. Local tax revenue, state categorical funding, and DSA basic support guarantee has all increased.

TEACHER AND CLASSROOM DATA

In accordance with the U.S. Department of Education (USDE)'s "Excellent Educators for All" initiative requirements, the Department received notification that the 2015 Nevada Plan to Ensure Equitable Access to Excellent Educators was approved on September 10, 2015. In addition to the federal requirement that states develop a plan to ensure that students from low-income families and students of color are not taught at higher rates than other students by inexperienced, unqualified, or out-of-field teachers, Nevada also included steps to address the equity issue for students with disabilities and English learners. Nevada is committed to ensuring that all students, but particularly those in these subgroups, have access to effective teachers and school leaders.

As represented in Table 3, during the first year of full implementation of the statewide Nevada Educator Performance Framework, districts reported that less than 2% of teachers and administrators received an Ineffective or Minimally Effective Rating. In contrast, more than 90% of administrators and 80% of teachers received an Effective rating with over 13% and 5% of teachers and administrators receiving a Highly Effective rating, respectively. Additionally, the number of teacher vacancies during the 2016-2017 school year is of particular concern, even though improvements have been made since the 2015-2016 year, and is represented in Table 4.

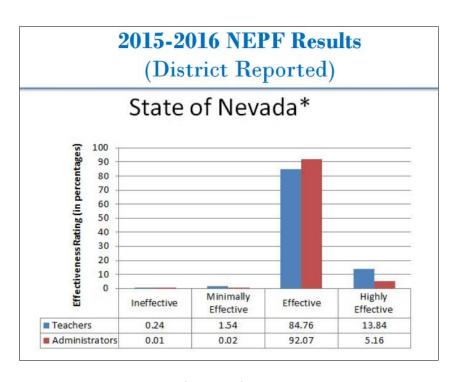


Table 3 Nevada Educator Performance final ratings as reported by districts

Staffing/Vacancy Data Comparisons 2015-2016 to 2016-2017									
	1	November 201	6	ı	December 201	5	Difference 15-16 to 16-17		
	Total Staffing	Total Vacancies	% Vacant Positions	Total Staffing	Total Vacancies	% Vacant Positions	# Diff	% Diff	
Statewide	22,781	578	2.5%	21,972	817	3.7%	-239	-1.189	
Clark	15,808	437	2.8%	15,695	698	4.4%	-261	-1.689	
Washoe	4,004	34	0.8%	3,127	27	0.9%	7	-0.01%	
Others/ Rurals	2,969	108	3.6%	3,151	92	2.9%	16	0.72%	
Victory	1,168	47	4.0%	1,071	95	8.9%	-48	-4.859	
Zoom	2,638	87	3.3%	1,660	94	5.7%	-7	-2.36%	
Focus	1,153	62	5.4%	1,135	74	6.5%	-12	-1.14%	
Priority	1,371	59	4.3%	1,328	99	7.5%	-40	-3.15%	
1-Star	516	25	4.8%	460	39	8.5%	-14	-3.63%	
2-Star	4,811	218	4.5%	4,729	304	6.4%	-86	-1.90%	
3-Star	10,071	204	2.0%	9,813	354	3.6%	-150	-1.58%	
4-Star	3,672	61	1.7%	3,548	67	1.9%	-6	-0.23%	
5-Star	3,076	40	1.3%	3,000	39	1.3%	1	0.00%	

Table 4 Statewide teacher vacancy as reported by districts

SCHOOL PERFORMANCE PLANS

All public school principals, in consultation with staff, must prepare a plan to improve the achievement of pupils enrolled in the school (NRS 385.357). This plan, known as the School Performance Plan (SPP), is developed by completing a comprehensive needs analysis in order to determine the priority

needs/goals, measurable objectives and action steps for the school to address and implement in order to improve. It is submitted annually to several state agencies and entities, including the State Board and the Department of Education.

Legislation passed during the 2015 Legislative Session requires the State Board to review the SPPs, determine common problems being identified by Nevada schools, and make recommendations to the Department on how to best support the needs of schools. The Department along with stakeholders reviewed the SPPs and the following themes have emerged, some of which mirror problems identified in Section 2:

- Increasing student achievement in ELA and Mathematics;
- Providing professional development to teachers in order to increase effective instructional practices and skills in delivering curriculum aligned to state standards;
- Providing structures, such as professional learning communities, for teachers to effectively analyze student data and use the data to inform instruction;
- Improving the school's climate and culture; and
- In high schools, increasing graduation rates for all students.

SECTION 2: COMMON PROBLEMS AND FACTORS

State law requires this plan to include the "identification of any problems or factors common among the school districts or charter schools in this State, as revealed by the review and analysis" of certain data (outlined in Section 1 above). The Department has identified six problem/factor areas that are readily apparent in the most recent student and school performance data:

- 1. Student performance in reading;
- 2. Student performance in mathematics (specifically in middle school);
- 3. Student performance at the middle school level;
- 4. Achievement gaps between student subgroups;
- 5. Early childhood preparation; and
- 6. College and Career Readiness

In addition, conversations between Department staff and stakeholders led to the identification of three key levers for improving Nevada's student achievement. The three key levers are:

- 1. Identifying and improving the state's lowest performing schools;
- 2. Developing and supporting great school leaders; and
- 3. Making data informed policy and instructional decisions.

Presented in Section 3 are the objectives and strategies for improvement in each of these identified problem/factor areas, the assignment of Department personnel, measurement criteria, and associated timelines. Several "cross-cutting" strategies are also presented.

SECTION 3: GOALS, OBJECTIVES, TIMELINE, AND STRATEGIES FOR IMPROVEMENT

The Department engaged in months of stakeholder engagement in preparation for the development and submission of its Every Student Succeeds Act Plan and new Five-Year Strategic Plan, which was adopted by the State Board of Education in December of 2016. Department staff reviewed data and research to identify critical strategies within and across offices that will result in increased student achievement and educator effectiveness. This process resulted in a number of objectives nested under each goal that defines the focus of each office within the Department. Alignment of the work by Department staff and the STIP is evident in the following outline of the goals, objectives, and timelines. Each office, in consultation with leadership, is tasked with identifying the work or strategies that will result in the measurable objectives listed below, which align with the common problems/factor areas identified within the STIP. It is our belief that these goals and objectives are aligned with the Department's vision, mission, and priorities (see page 4) and with Nevada's Strategic Plan for P-12 Educational Excellence (adopted in 2016). However, the presentation of the goals and objectives below contemplate a future review of the strategic plan given many of the timelines are, by their nature, extend beyond the "annual" nature of this particular plan. Please note that some objectives will not yet have a baseline or identify progress because of the testing irregularity.

Through the Department's stakeholder engagement during the course of its Every Student Succeeds Act plan development the Department developed, and the State Board adopted, a goal to become the fastest improving state in the nation. The long-term goals and annual benchmarks outlines the current state of student achievement and the progress that would need to be made to exceed the improvement of the state that had the fastest improvement on that particular measure over the previous five-year period.

Early Childhood Program Quality Long-term Goals and Annual Benchmarks

Goal	4 or 5 Star Rating	Annual Targets	Interim 4 or 5 Star Rating Goal	Long-term 4 or 5 Star Rating Goal
		2016-2017		
The fastest improving state		15		
for increasing the number of	2015-2016	2017-2018	2019-2020	2021-2022
4- and 5- star early childhood	12	20	30	40
programs.		2018-2019		
		25		

Special Education Inclusion in Early Childhood Programs Long-term Goals and Annual Benchmarks

Goal	Baseline Percent Inclusion	Annual Targets	Interim Inclusion Goal	Long-term Inclusion Goal
The fastest improving state for including children with disabilities in inclusive early childhood programs.	2015-2016 30.2 %	2016-2017 33% 2017-2018 40% 2018-2019 50%	2019-2020 60 %	2021-2022 75 %

English Language Proficiency Long-term Goals and Annual Benchmarks

Goal	Baseline Score	Annual Targets	Interim Score Goal	Long-term Score Goal:
The fastest improving state on the English Language Proficiency Exam.	2015-2016 24.9 %	2016-2017 25% 2017-2018 38% 2018-2019 51%	2019-2020 64 %	2021-2022 95 %

^{*}Goal is that 90% of ELs will exit EL status within six years of initial EL identification and 90% of Long-term ELs will exit EL status by 2022. This will be measured by aggregating the number of ELs who achieve Nevada's EL exit criteria over a six-year period.

Smarter Balanced Assessments Long-term Goals and Annual Benchmarks

Goal	Proficient	Annual ELA Targets	Annual Math Targets	Interim Proficient Goal	Long-term Proficient Goal
The fastest	2015-2016	2016-2017	2016-2017	2010 2020	2024 2022
improving state for	ELA	51%	36%	2019-2020	2021-2022
increasing student	48%	2017-2018	2017-2018	ELA 59%	ELA 61%
achievement on	2015-2016	54%	37%		
Smarter Balanced	Math	2018-2019	2018-2019	Math	Math
assessments.	34%	57%	38%	39%	41%

High School Graduation Long-term Goals and Annual Benchmarks

Goal	Class of 2015	Annual Targets	Interim Graduation Rate Goal	Long-term Graduation Rate Goal
The fastest improving state for increasing high school graduation rates.	70.77%	2016-2017 73% 2017-2018 75% 2018-2019 77%	2019-2020 80 %	2021-2022 84 %

ACT Long-term Goals and Annual Benchmarks

Goal	Baseline Composite Score	Annual Targets	Interim Graduation Rate Goal	Long-term Graduation Rate Goal:
		2016-2017		
The fastest		17.9		
improving state for	2015-2016	2017-2018	2019-2020	2021-2022
increasing ACT	17.4	18.1	18.5	20
benchmark scores.		2018-2019		
		18.3		

NAEP Proficiency Long-term Goals and Annual Benchmarks

Goal	Baseline Score 2015	Annual Targets 2017	Annual Targets 2019	Interim NAEP Score Goal: 2021	Long-term NAEP Score Goal: 2023
	Grade 4	Grade 4	Grade 4	Grade 4	Grade 4
	Science	Science	Science	Science	Science
	142	143	145	147	149
	Writing	Writing	Writing	Writing	Writing
	145	147	149	151	153
	Reading	Reading	Reading	Reading	Reading
	214	216	218	220	222
	Math	Math	Math	Math	Math
The fastest	234	236	238	240	242
improving state for					
NAEP proficiency.	Grade 8	Grade 8	Grade 8	Grade 8	Grade
	Science	Science	Science	Science	Science
	149	150	151	152	153
	Writing	Writing	Writing	Writing	Writing
	143	145	147	149	151
	Reading	Reading	Reading	Reading	Reading
	259	261	262	264	266
	Math	Math	Math	Math	Math
	275	277	279	281	283

The table that follows is an outline of the Five-year-Strategic Plan adopted by the State Board in December 2016.

Goal 1: All students are proficient in reading by the end of 3rd grade. (Deputy Superintendent Barley) Goal 2: All students enter high school with skills necessary to succeed. (Deputy Superintendent Barley)	Goal 4: All students served by effective educators. (Deputy Superintendent Durish)	Goal 5: Efficient and effective use of public funds in service to students. (Deputy Superintendent	Goal 6: All students learn in an environment that is physically, emotionally, and intellectually safe.
Goal 3: All students graduate college, career, and community ready. (Deputy Superintendent Barley)		Rahming)	(Director McGill)
1. Strong Start (Patti Oya) [Goal 1 Only]	7. Equitable Distribution of	9. Fiscal	11. Students and
• Improve the quality of early childhood (birth-3 rd grade) programs.	Effective Educators	Transparency (Nate	adults develop social
Increase access to high quality childhood programs.	(Kathleen Galland-Collins)	Hanson)	and emotional
Establish an aligned system of screening and assessment across early	Revise the NV Educator	Improve public	competencies.
childhood programs.	Equity Plan to identify and address equity gaps and	communications. • Improve external	(Christy McGill) OSRLE is responsive
Improve effective literacy instruction for emergent skills and domains of literacy.	monitor district-level equity plans.	reporting. • Modernize audit	and proactive to the needs and goals of
2. Standards and Instruction (Dave Brancamp)	Develop and implement a	methodologies	NRS 388.
• Establish the Nevada Ready Network to collaborate on both instructional	coherent and rigorous	utilizing technology.	Create shared
practices and professional learning opportunities aligned to student	review, approval,	Build internal	systems between
data.	evaluation, and accountability system for in-	systems and effectiveness.	schools and partners for the
Facilitate the alignment of the Nevada diploma requirement to the College and Career Ready standards.	state educator preparation	errectiveness.	promotion of social
Expand the access to the Nevada Instructional Materials Resource	programs (traditional and	10. Strategically	and emotional
Center through stewardship of statewide-developed material.	alternative) that is aligned	Administer Grants to	competencies.
	with NEPF and NVACS.	aligned goals. (Nate	 Adopt, train, and
3. Assessment (Peter Zutz)	Modernize the educator	Hanson)	implement state
Administer valid and reliable assessments that are aligned to the	licensure application, management, and reporting	Provide guidance on	level social and emotional
academic content standards. Communicate with key stakeholders on all matters related to the	system; and ensure that	grants use and flexibility to internal	standards with
statewide assessment system.	requirements support	and external	shared indicators.
Support the use and understanding of assessment data	reciprocity, reflect	stakeholders.	
(formative/interim/summative).	meaningful readiness	 Identify & replicate 	12. Empower
	measures, and meet 21 st	effective practices	students to
4. Accountability (Peter Zutz)	century educator workforce needs, and promote	in braiding/ blending funds	overcome challenges and achieve their
Provide meaningful and actionable data to internal and external stakeholders and assist in the interpretation of the accountability model and data.	professional growth in the NEPF identified areas.	bienuing runus	educational goals through a system of
Create an accountability system that is easily understood by all internal	Build capacity of school		care that ensures a
and external stakeholders.	leaders through a statewide		rapid response to
 Include indicators and data points that promote the values of Nevada stakeholders. 	NEPF implementation monitoring system that		• Partner to support
Hold every District and school to high standards for school and student	improves inter-rater reliability and accurately		schools in implementing
level progress and proficiency.	reflects a meaningful		evidence-based
5. School Improvement (Seng-Dao Keo)	distribution of effectiveness		multi-tiered
Establish a framework for an aligned school improvement approach.	ratings.		systems of school
Align school and LEA needs assessment, planning, evaluation, funding,	Recognize and support		based support and
interventions, and support to the school improvement framework.	effective educators and enhance statewide teacher		wellness. • Define, adopt, train,
Implement state strategies to address chronic underperformance	leadership opportunities.		and implement
through available mechanisms (e.g., NDE MOU, SB 92, and the NV ASD).	8. Support Educator Capacity		multi-tiered system
Support and develop the capacity of school leadership as one key lever to change school outcomes and close opportunity gaps.	to Engage Parents and		of support.
Implement SEA-LEA continuous improvement cycle to systematically	Families (Cynthia Santos)		Increase student
enhance the quality of practices and programs, scale successes, and	Analyze family engagement data and provide feedback		access to school social workers, safe
organize highly coordinated cross-sector collaboration to achieve	Support family engagement		school
significant change.	best practice by		professionals, and
6. College and Career Readiness (Vacant) [Goal 3 Only]	coordinating state, regional,		behavior health
Establish benchmarks in NSPF for career readiness, skill attainment, and	and district resources.		support personnel.
employability.	Collaborate with educator propagation providers to		
Tie grant funding to completion.	preparation providers to build educator capacity to		
• Establish and/or scale quality CTE programs aligned to industry need.	engage families.		
Expand access to advanced coursework, dual enrollment, work based Learning councils and access to advanced coursework.			
learning experiences.	1	1	1

Goal 1: All students are proficient in reading by the end of 3rd grade.

Goal 2: All students enter high school with the skills necessary to succeed.

Goal 3: All students graduate college, career, and community ready.

Objective 1 – Strong Start [Goal 1 Only]

Quality early childhood (Birth -3^{rd} Grade) environments that includes the establishment of effective system of early literacy instruction and intervention is the key to developing solid groundwork for learning - one that ensures equal access to future success for all Nevada children.

- ➤ Strategy 1.1: Improve the quality of early childhood (Birth 3rd grade) programs.
- > Strategy 1.2: Increase access to high quality early childhood programs.
- Strategy 1.3: Establish an aligned system of screening and assessment across early childhood programs.
- > Strategy 1.4: Improve effective literacy instruction for both emergent skills and the domains of literacy.

Metrics	Baseline Data (SY 2015-2016)	Five-Year Goal (SY 2020-2021)
 Number of seats in 4 -and 5-star Quality Rating & Improvement System (QRIS) programs Number of 4 and 5 star QRIS programs 	 1167 seats (3.7% of state total) 12 programs (4% of state total) 	 3500 seats (11% of state total) 30 programs (10% of state of total)
Number of children who are receiving child care subsidies (at or below 130% Federal poverty level) enrolled in a 4- or 5-star rated program	Four children receiving subsidies in 4 and 5 star rated programs (.04% of total eligible)	875 children receiving subsidies in 4 and 5 star rated programs (12% of total eligible)
Number of children ages 3-5 with IEPs who are attending a regular early childhood program and receive the majority of special education and related services in the regular early childhood program	• 30.2% (2015 Annual Performance Report Indicator 6a data)	• Increase to 60%
 Increase the number of students ready based on the Kindergarten Entry Assessment 	Baseline data to be collected 2017/18 school year	Goal to be set after baseline data is collected
Increase the number of students who are proficient in reading as measured by the Measures of Academic Progress (MAP) reading assessment	Baseline data to be collected 2017/18 school year	Goal to be set after baseline data is collected

Objective 2 – Standards and Instruction

Standards are designed to encourage the highest achievement of all students by defining the minimal knowledge, concepts, and skills that the students should acquire at each grade level. Aligned standards provide consistency across programs, schools, and grade levels and ensure a smooth transition from grade to grade.

Standards-based instruction is a continuous teaching/learning cycle that includes the critical elements of planning, instructing, and assessing that are necessary to ensure all students actively engage with and ultimately master the Nevada Academic Content Standards (NVACS).

Every school district in Nevada will have a knowledgeable and cohesive leadership team that guides the professional learning and practice of all administrators, teachers, and staff so that every student experiences highly effective teaching, learning, and assessment practices in every classroom, every day.

- > Strategy 2.1: Establish the Nevada Ready Network to collaborate on both instructional practices and professional learning opportunities aligned to student data.
- > Strategy 2.2: Facilitate the alignment of the Nevada diploma requirement to the College and Career Ready standards.
- > Strategy 2.3: Expand the access to the Nevada Instructional Materials Resource Center through stewardship of statewide-developed material.

Metrics	Baseline Data (SY 2015-2016)	Five-Year Goal (SY 2020-2021)
 Professional Learning Targets for each year are based on the needs aligned to the results on the MAP tests over the previous year's results that are aligned to the current NVACS Review Regional Professional Development Program's (RPDP) Annual Professional Learning Plan 	Baseline data to be collected 2017/18 school year	School proficiency levels raised in each grade level 2% per year in ELA
Professional Learning Targets for each year are based on the needs aligned to the results on the Smarter 3-8 assessments from the previous year that are aligned to the current NVACS	 2015-2016 ELA 48% 2015-2016 Math 34% 	 All students demonstrate an increased proficiency level for ELA to at least 61% and math to 41% by 2021 There is an increase in the overall state percentage each year from 2015-16 through 2020-21

Metrics	Baseline Data (SY 2015-2016)	Five-Year Goal (SY 2020-2021)
Credit counts from each district for each high school student stored in a longitudinal data system to track the progress and completion rates compared to aligned courses for CCR standards	 ACT Composite Score Average (17.4) Credit counts of current HS students as well as projections for "2017", "2018", "2019" cohorts 	 ACT scores will improve from 17.4 to 20 by 2021 80% of all students in Nevada are demonstrating proficiency on CCR standards through credits; EOC cut score of Level 2 or higher and graduation rates There is an increase in the overall state percentage each year from 2015-16 through 2020-21

Objective 3 – Assessment

To meet the needs of students and teachers as well as federal requirements, Nevada has created a valid and reliable state assessment system aligned to NVACS. The Nevada Assessment System will inform the trajectory of areas such as with reading proficiency from pre-K through grade three and later in ELA, Mathematics, and Science in middle and in high school. This data reflects progress towards college and career readiness.

- Strategy 3.1: Administer valid and reliable assessments that are aligned to the academic content standards.
- Strategy 3.2: Communicate with key stakeholders on all matters related to the statewide assessment system.
- Strategy 3.3: Support the use and understanding of assessment data (formative/interim/summative).

Metrics	Baseline Data (SY 2015-2016)	Five-Year Goal (SY 2020-2021)
State assessment system passes Federal Peer Review	 The Nevada Assessment System is currently aligned to federal peer review requirements Continue test development to meet federal requirements and best practice 	 Continue test development to meet federal requirements. Demonstrate continuous improvement of test development to match the evolving best practice research in the field
 Stakeholders will develop a comprehensive knowledge of the relationship between standards, assessment, curriculum, and instruction Stakeholders have timely reports and have knowledge of how to analyze and interpret results 	 Needs assessments indicate a stakeholder need for training on the relationship between standards, assessment, curriculum, and instruction Results provided and stakeholders' needs identified 	 Improved stakeholder assessment literacy leads to improved student outcomes. Consistent communication facilitates development of stakeholder assessment literacy, which leads to improved student outcomes

Objective 4 – Accountability

A valid and reliable accountability system is the foundation for all school and District related data reporting and generates all data reports required by state and Federal law. As a repository for meaningful and actionable data, the accountability system provides accurate, useful, honest, and ontime data and assists in rigorous analysis to identify whether schools and Districts are improving and are preparing students for success in college and career. The system tracks student learning progress, is essential to monitoring school quality, informs instructional practices and is-helpful to parents in informing school selection.

- > Strategy 4.1: Provide meaningful and actionable data to internal and external stakeholders and assist in the interpretation of the accountability model and data.
- > Strategy 4.2: Create an accountability system that is easily understood by all internal and external stakeholders.
- Strategy 4.3: Include indicators and data points that promote the values of Nevada stakeholders.
- > Strategy 4.4: Hold every District and school to high bar for school and student level progress and overall proficiency.

 Current system is comprised of disconnected reporting sites (NSPF, 	A common technology platform with one user
Nevada Report Card, QRIS, Nevada Educator Performance Framework, school improvement, Infinite Campus, fiscal, etc.)	interface across multiple systems and navigational paths that delivers the right information at the right time to the right people for the improvement of instruction and ultimately, student success
 Assessment vendor data has been late, not accurate, and missing Multiple data requests 	• 100% accountability data reports released are trustworthy because they are accurate, honest, useful and on-time
 Evert Student Succeeds Act, Nevada Report Card, EdFacts, NSPF, NAEP 	 100% accountability data reports released are accurate, honest, useful and on-time
 Revised NSPF 2.0 and APF Accountability Advisory Committee ESSA Accountability Workgroup 	 System trusted as a source of reliable and accurate school and district achievement Reduce the number of 1-
	Nevada Report Card, QRIS, Nevada Educator Performance Framework, school improvement, Infinite Campus, fiscal, etc.) Assessment vendor data has been late, not accurate, and missing Multiple data requests Evert Student Succeeds Act, Nevada Report Card, EdFacts, NSPF, NAEP Revised NSPF 2.0 and APF Accountability Advisory Committee ESSA Accountability

Metrics	Baseline Data (SY 2015-2016)	Five-Year Goal (SY 2020-2021)
 Increased proficiency 	• 130 2-star schools	and 2-star schools by 30%
 Growth reports are timely and 	• WIDA: Fall 2017	Growth Model integrated
accurate	• GM: Fall 2017	into Data Portal

Objective 5 – School Improvement

Nevada will create systemic improvements in the lowest-performing schools by supporting their implementation of improvement strategies with evidence- and research-based interventions. All schools currently identified as 1- and 2-star schools will be at least 3-stars in three years (on a 1-5 rating scale). Schools that have not yet reached 5-stars, or are the furthest from that rating, must have a plan to get there. The Department has a moral and statutory obligation to ensure that schools in all zip codes are performing at the highest levels for students across the state.

- > Strategy 5.1: Establish a framework for an aligned school improvement approach.
- > Strategy 5.2: Align school and LEA needs assessment, planning, evaluation, funding, interventions, and support to the school improvement framework.
- > Strategy 5.3: Implement state strategies to address chronic underperformance through available mechanisms (e.g., NDE MOU, SB 92, and the NV ASD).
- > Strategy 5.4: Support and develop the capacity of school leadership as one key lever to change school outcomes and close opportunity gaps.
- > Strategy 5.5: Implement SEA-LEA continuous improvement cycle to systematically enhance the quality of practices and programs, scale successes, and organize highly coordinated cross-sector collaboration to achieve significant change.

Metrics	Baseline Data (SY 2015-2016)	Five-Year Goal (SY 2020-2021)
Number of schools that meet the Rising Stars (previously Underperforming Schools List) criteria and are 3-star schools	• 157: 1- and 2-star schools from 2013-2014 rating system	• Reduce the number of 1- and 2-star schools by 30%
 Number of schools that increase by one star-ranking per year Number of 5-star schools that persist at that rating 	99, 5-star schools109 increased star rating from 2012-2013 to 2013- 2014	 99, 5-star schools persist at the rating 50 schools that become sustainably 5-stars 150 schools move at least one rating

Objective 6 – College and Career Readiness

By 2020, 65 percent of all jobs—compared to 28 percent in 1973—will require some form of postsecondary education, according to a new report from the Georgetown University Center on Education and the Workforce. At the other end of the education spectrum, the percentage of jobs requiring a high school diploma or less will continue to shrink. According to the report, *Recovery: Job Growth and Education Requirements Through 2020*, 72 percent of jobs were open to high school graduates in 1973; by 2020, that percentage is expected to fall to just 36 percent.

- > Strategy 6.1: Establish benchmarks in NSPF for career readiness, skill attainment, and employability.
- > Strategy 6.2: Tie grant funding to completion.
- > Strategy 5.3: Establish and/or scale quality CTE programs aligned to industry need.
- > Strategy 6.4: Expand access to advanced coursework, dual enrollment, and work based learning experiences.

Metrics	Baseline Data (SY 2015-2016)	Five-Year Goal (SY 2020-2021)
• Increase to the number of CTE	• 7,559 CTE program	• 11,000 CTE program
completers	completers	completers
 Increase the number of CTE 	• 12,595 CTE concentrators	• 18,300 CTE concentrators
concentrators (students who	(enrolled in level 2 courses)	(enrolled in level 2 courses)
enroll in level 2 CTE courses)		
• Increase the number of students	• 18,094 (May 2016)	• 19,487 students who took
who enter college with college	students who took AP	AP exams (7.7% increase;
credit via dual enrollment, AP, or	exams	n=464 additional students,
IB	2015 Legislature approved	per year)
	\$8 million to expand dual	• 5,536 students who scored
	enrollment programs and	three or higher on at least
	STEM grants	one AP exam (7.7% increase;
	• 5,140 students who scored	n=132 additional students
	three or higher on at least	per year)
	one AP exam	

Goal 4: All students served by effective educators.

Objective 7 – Equitable Distribution of Effective Educators

- > Strategy 7.1: Revise the NV Educator Equity Plan to identify and address equity gaps and monitor district-level equity plans.
- Strategy 7.2: Develop and implement a coherent and rigorous review, approval, evaluation, and accountability system for in-state educator preparation programs that is aligned with NEPF and NVACS.
- Strategy 7.3: Modernize the educator licensure application, management, and reporting system; and ensure that licensure requirements support reciprocity, reflect meaningful readiness measures, meet 21st century educator workforce needs, and promote professional growth in NEPF identified areas.
- > Strategy 7.4: Build capacity of school leaders through a statewide NEPF implementation monitoring system that improves inter-rater reliability and accurately reflects a meaningful distribution of effectiveness ratings.
- > Strategy 7.5: Recognize and support effective educators and create opportunities for teacher leadership opportunities.

Metrics	Baseline Data (SY 2015-2016)	Five-Year Goal (SY 2020-2021)
 Increased access to effective, 	• 2017-2018 Educator	Improvement targets will be

Metrics	Baseline Data (SY 2015-2016)	Five-Year Goal (SY 2020-2021)
experienced, and fully certified for students who are identified as high-poverty, high-minority, and/or high-EL	Equity Plan = Baseline data to be collected using 16/17 teacher experience, certification, and effectiveness measures	set when new baseline data is available.
Increase the number of high- performing educator preparation programs	 Baseline data from newly- developed review, approval, evaluation, and accountability system to be collected during 2017/18 school year 	Target will be set when baseline data is available.
Normalization of NEPF final ratings and Instructional Practice & Professional Responsibilities Standards scores	 2015-2016 NEPF Teacher Ratings (no student performance measures) .24% - Ineffective 1.54% - Minimally Effective 84.76% - Effective 13.84% - Highly Effective 	Target will be set when 16-17 baseline data is available, comprised of 20% student performance measures (half statewide assessments and half district-determined)

Objective 8 – Support Educator Capacity to Engage Parents and Families

Students benefit when their parents and family members are engaged in their education. The Department knows families are capable of playing a key role in their children's education by supporting learning at home, advocating for all children, and making decisions to ensure students' best interests are being taken into consideration when creating policies. The Department also believes it is the responsibility of district and school staff to engage their families but equally important for the Department to support in building their capacity to do so.

- > Strategy 8.1: Analyze family engagement data and provide feedback.
- Strategy 8.2: Support family engagement best practice by coordinating state, regional, and district resources.
- > Strategy 8.3: Collaborate with educator preparation providers to build educator capacity to engage families.

Metrics	Baseline Data (SY 2015-2016)	Five-Year Goal (SY 2020-2021)
Educators' performance on the	Not yet available.	Target will be set when data
Nevada Educator Performance	Historically, the	is available.
Framework – Professional	Department has not	
Responsibility Standard 4	collected this data. A	
	regulation was passed in	
	November 2016 to begin	
	collecting this data	
• Tier 4 evidenced-based strategies	• 12 percent of all Rising Star	• By July 2020, 100% of all
detailed in School Performance	schools are utilizing	Rising Star schools will utilize

Metrics	Baseline Data (SY 2015-2016)	Five-Year Goal (SY 2020-2021)
Plan reviews	effective strategies in each	evidenced based strategies
	of the six standards on the	in each of the six standards
	Nevada Policy on Parental	on the Nevada Policy on
	Involvement and Family	Parental Involvement and
	Engagement	Family Engagement
Annual District Family Engagement	 Not yet available. Changes 	• 100% percent all school
Reports (PIFE District Reports)	in reporting practices and	districts will utilize effective
	expectations will be made	strategies in each of the six
	in order to collect this data	standards on the Nevada
		Policy on Parental
		Involvement and Family
		Engagement

Goal 5: Efficient and effective use of public funds in service to students.

Objective 9 – Fiscal Transparency

To better serve the public and Department partners by increasing understanding of the Department funding processes. To address equity concerns in the state by ensuring effective distribution of resources.

- > Strategy 9.1: Improve public communications.
- > Strategy 9.2: Improve external reporting.
- > Strategy 9.3: Modernize audit methodologies utilizing technology.
- > Strategy 9.4: Build internal systems and effectiveness.

Metrics	Baseline Data (SY 2015-2016)	Five-Year Goal (SY 2020-2021)
Customer service survey results	Yet to be conducted	• Target will be set when data is available
Percentage of grants in ePage	• 40%	• 100%as funding available (write into future grants, when possible)
 Percentage of LEAs with direct Infinite Campus access by Audit [VS. % of audits performed remotely] 	• 75% now	• 100%
 Percentage errors (by #, \$, and adverse LEA impact) in final funding or published information/calculations 	Unknown	• 0% errors

Objective 10 – Strategically Administer Grants to Aligned Goals

Available funding put to demonstrably best use in maximizing student educational outcomes among desired student populations.

- > Strategy 10.1: Provide guidance on grants use and flexibility to internal and external stakeholders.
- > Strategy 10.2: Identify and replicate effective practices in braiding/blending funds.

Metrics	Baseline Data (SY 2015-2016)	Five-Year Goal (SY 2020-2021)
Non-compliance occurrences	Unknown	100% Compliance (ZERO grants non-compliance occurrences/findings/fines)
Improved educational outcomes for target student communities	•	 Fastest improvement among "Smarter Balanced" peer states
 Maximizing impact of education dollars (EROI—Educational Return on Investment) 	•	• TBD
 Healthy participation in ongoing learning and dissemination of best practices 	• N/A	• TBD

Goal 6: All students learn in an environment that is physically, emotionally, and intellectually safe.

Objective 11 – Students and Adults Develop Social and Emotional Competencies

Studies have shown that social and emotional learning (SEL) is essential for student success in schools and after graduation. Indeed many risky behaviors such as drug use, bullying, and absenteeism are often linked to poor social and emotional skills. SEL has been linked to improved performance within the classroom and on academic assessments.

- > Strategy 11.1: Office for a Safe and Respectful Learning Environment is responsive and proactive to the needs and goals of NRS 388.
- Strategy 11.2: Create shared systems between schools and partners for the promotion of social and emotional competencies.
- Strategy 11.3: Adopt, train, and implement state level social and emotional standards with shared indicators.

Metrics	Baseline Data (SY 2015-2016)	Five-Year Goal (SY 2020-2021)
SEL standards adopted	Washoe County School	All school districts have
SEL trainings to teachers	District has adopted SEL	adopted SEL Standards
SEL included into UNR and UNLV	Standards	
teacher curriculum		
SEL included into NSHE curriculum		
for student support professionals		
School Climate Survey will	 School Climate Survey 	A 10% increase across all
measure the following aspects:	Cultural and Linguistic	schools reaching current
Cultural and Linguistic	Competencies (329)	state baseline levels *this
Competencies	 Relationships (323) 	might change when we
Relationships	Physical Safety (327)	explore
Physical Safety	Emotional Safety (316)	
Emotional Safety	 Social and Emotional 	
Social and Emotional Competence	Competence (71/100)	

Objective 12 – Empower Student Access to School Social Workers, Safe School Professionals, and Behavior Health Support Personnel

The Elementary and Secondary Education Act, Individuals with Disabilities Education Act, and NRS 388 all promote high graduation rates, increase success of students, and environments conducive to learning. A multi-tier system of support helps meet those goals and includes evidenced based strategies that empower school and community partners to respond to student needs.

- > Strategy 12.1: Develop partnerships to support schools in implementing evidence-based multitiered systems of school based support and wellness.
- > Strategy 12.2: Define, adopt, train, and implement multi-tiered system of support.
- > Strategy 12.3: Increase student access to school social workers, safe school professionals, and behavior health support personnel.

Metrics	Baseline Data (SY 2015-2016)	Five-Year Goal (SY 2020-2021)
 Responsive system in place Increased graduation rates Suspensions or Expulsions rate Violence to students Violence to staff Weapons Dist. Controlled Substances Possession Bullying 	 PBIS schools (Lyon County School Health Hub and White Pine County School) 73.55% graduation rate TBD suspension or expulsion rate 8,416 violence to students 953 violence to staff 154 weapons 2103 dist. controlled substances 427 possession TBD 	 All school districts have MTSS in place. Match state goal Trend downward by 10%
 School Climate Survey will measure the following aspects: Cultural and Linguistic Competencies Relationships Physical Safety Emotional Safety Social and Emotional Competence 	 School Climate Survey Cultural and Linguistic Competencies (329) Relationships (323) Physical Safety (327) Emotional Safety (316) Social and Emotional Competence (71/100) 	A 10% increase across all schools reaching current state baseline levels *this might change when we explore

SECTION 4: INFORMATION CONCERNING SUCCESS AFTER GRADUATION

State law requires this plan to include strategies to provide information in the areas of admission requirements for institutions of higher education, opportunities for financial aid, the Governor Guinn Millennium Scholarship, and preparation for success after graduation. These strategies are integrally aligned with the Department's vision of "all Nevadans ready for success in the 21st Century."

The Department has made and will continue to make significant progress in this area. In January of 2017, Nevada was announced as one of just 10 states that were awarded Phase 2 of the JP Morgan Chase and Chief State School Officers New Skills for Youth Grant. Through this \$1.95 million grant, Nevada will achieve two overarching goals: (1) increase the number of students completing relevant and effective career pathways in high-demand and high-skill areas; and, (2) create sustainability by establishing durable policy and processes that align agencies and actors across the state. By achieving these goals, Nevada will align services to students and adults to prepare them for post-secondary success in the New Nevada Economy.

The Department's work to provide industry validated CTE coursework and certificates of value, advance coursework that culminates in college bearing credit through articulation agreements with each college (i.e., CSN, GBC, TMCC and WNC), and work based learning experience will be accelerated through the partnerships and plans developed through the New Skills For Youth initiative.

Additionally, the state of Nevada offers a number of programs that help prepare students for post-secondary success:

- Nevada College Savings Plans Program
- Nevada Prepaid Tuition Program
- Governor Guinn Millennium Scholarship Program
- Nevada College Kick Start Savings Program
- Nevada GEAR UP program
- Articulated college credit programs
- GoToCollegeNevada.org campaign

SECTION 5: ALLOCATION OF RESOURCES/BUDGET

State law requires this plan to include an analysis of and strategies to improve the allocation of financial resources dedicated to P-12 public education. However, much of the data required is not currently available to the Department because certain requirements of NRS 386.650 concerning the automated system of accountability information have never been met; specifically, the automated system does not have the capacity to fully access financial accountability information for each public school, for each school district, and for this state as a whole. The Department therefore proposes the following baseline strategies and the continuation of exploratory work begun in 2014 to begin the work of better analyzing how the allocation of State resources actually improves the academic achievement of pupils.

Strategies for Improvement

STRATEGY	STAFF LEAD	TIMELINE
Gather information on the means of funding student needs through	Canavero	2015-17
weighted formulas and data collection, as recommended by Governor		Biennium
Sandoval.		
Review and update Grant Tracking Processes	Rahming	July 2018
Develop a standard agency wide grant tracking application	Rahming	July 2018
Review and standardize procedures for NDE grants.	Rahming	July 2017
Develop a single application for grants synchronized with the school	Barley/Rahming	Ongoing
districts needs assessment.		

Budget Impact of This Plan

The provisions of this plan are within the Governor's Recommended Budget for 2017-2019 for the Department of Education.

APPENDIX I

Grade 3 CRT Results 2015-2016 Sex		Ethnicity							Special Populations								
		State	Female	Male	Am In/ AK Native	Black	Hispanic	White	Two or More Races	Asian	Pacific Islander	IEP	Not IEP	ELL	Not ELL	FRL	Not FRL
	Number Enrolled	37925	18559	19366	338	4015	16300	12363	2540	1816	553	397	0 33955	9946	27979	22346	15579
	Number Tested	37400	18304	19096	333	3930	16163	12131	2496	1802	545	387	2 33528	9887	27513	22055	15345
Mathematics	Mean Scale Score	2423.3	2421.7	2424.9	2400.1	2384.2	2407.5	2447.5	2436.9	2472.3	2425.7	2364	2 2430.1	2395.1	2433.4	2403.8	2451.3
	% Proficient	44.9	43.8	46	28.2	25.9	35.4	58.5	53.3	71.1	45.7	2	3 47.4	27.9	51	34.5	59.9
	Number Tested	37439	18320	19119	335	3938	16178	12143	2497	1803	545	387	5 33564	9891	27548	22081	15358
Reading	Mean Scale Score	2420.3	2428.2	2412.7	2389.6	2383.6	2402.5	2446.8	2436.8	2463.7	2421	2363	5 2426.8	2385	2432.9	2398.6	2451.5
-	% Proficient	46	49.8	42.4	29.6	28.5	36.1	60.2	54.9	69	45.1	21	5 48.8	25.6	53.3	34.6	62.4
Grade 4 CRT	Results 2015-2016		Se	ex				Ethnicit	У				Sį	oecial Po	pulation	S	
		State	Female	Male	Am In/ AK Native	Black	Hispanic	White	Two or More Races	Asian	Pacific Islander	IEP	Not IEP	ELL	Not ELL	FRL	Not FRL
	Number Enrolled	36547	17883	18664	368	3867	15476	12166	2355	1795	520	389	7 32650	8567	27980	21177	15370
	Number Tested	36012	17644	18368	359	3766	15346	11931	2315	1781	514	379	32219	8515	27497	20890	15122
Mathematics	Mean Scale Score	2459.8	2458.6	2460.9	2424.3	2417.2	2442.7	2486.5	2474.5	2504.8	2465.3	2395.	1 2467.4	2426.2	2470.2	2439.2	2488.1
	% Proficient	38	36.5	39.5	20.3	17.9	27.9	52.8	45.7	61.7	38.7	15.	3 40.7	19.1	43.9	26.8	53.5
	Number Tested	36070	17673	18397	360	3784	15359	11948	2321	1783	515	379	32272	8524	27546	20934	15136
Reading	Mean Scale Score	2462.8	2473	2453	2433.4	2421.4	2444.4	2490.1	2481.8	2506.1	2465.3	2390.	2471.3	2420.6	2475.9	2439.9	2494.5
	% Proficient	47.1	51.9	42.4	29.2	28	37.7	60.7	56.4	68.1	48.9	17.	50.6	24.8	54	35.7	62.9
Grade 5 CRT	Results 2015-2016		Se	×				Ethnicit	У			Special Populations					
		State	Female	Male	Am In/ AK Native	Black	Hispanic	White	Two or More Races	Asian	Pacific Islander	IEP	Not IEP	ELL	Not ELL	FRL	Not FRL
	Number Enrolled	35685	17506	18179	348	3843	15069	11838	2217	1862	508	3961	31724	5712	29973	20554	15131
	Number Tested	35228	17297	17931	341	3764	14951	11634	2187	1851	500	3854	31374	5671	29557	20295	14933
Mathematics	Mean Scale Score	2485.6	2484.9	2486.3	2458.8	2439.9	2466.6	2514.6	2500.8	2536.6	2485.7	2415.7	2494.2	2428.5	2496.5	2463.7	2515.3
	% Proficient	32.2	30.4	34	18.5	13.3	22.3	46.3	39.6	55.6	33	10.3	34.9	8.1	36.9	21.7	46.5
	Number Tested	35262	17310	17952	341	3773	14964	11642	2191	1850	501	3864	31398	5675	29587	20317	14945
Reading	Mean Scale Score	2500.1	2512.6	2488	2469.8	2463.4	2481.9	2525.7	2517.2	2546	2501	2418.5	2510.1	2434.2	2512.7	2478.6	2529.3
	% Proficient	50.6	56.3	45.2	36.1	33.1	41.2	63.8	58.6	73.4	51.3	14.4	55.1	14.6	57.6	39.9	65.3
	Number Tested																
Science	Mean Scale Score																
-	% Proficient																

Grade 6 CRT Results 2015-2016 Sex			ex	Ethnicity								Special Populations					
		State	Female	Male	Am In/ AK Native	Black	Hispanic	White	Two or More Races	Asian	Pacific Islander	IEP	Not IEP	ELL	Not ELL	FRL	Not FRL
	Number Enrolled	35000	17192	17808	358	3650	14827	11618	2095	1935	517	3686	31314	4746	30254	20427	14573
	Number Tested	34387	16916	17471	347	3543	14615	11391	2060	1922	509	3573	30814	4672	29715	20065	14322
Mathematics	Mean Scale Score	2498.4	2499	2497.9	2478.5	2441.7	2477.4	2530.5	2511.2	2562.3	2500.1	2397.3	2510.2	2420.4	2510.7	2472.9	2534.3
	% Proficient	30.3	28.9	31.7	19	11.5	20.7	43.7	35	55.9	29.1	6.8	33	4.8	34.3	19.6	45.3
	Number Tested	34435	16925	17510	345	3542	14643	11412	2054	1930	509	3572	30863	4681	29754	20092	14343
Reading	Mean Scale Score	2508.7	2521.8	2496	2487.6	2467.3	2490.3	2534.2	2523	2562.1	2506.4	2422.4	2518.7	2433.1	2520.6	2486.7	2539.5
	% Proficient	41.9	47.5	36.6	24.9	22.4	32	55.5	49.1	69	38.7	8	45.9	6.1	47.6	30.3	58.3
				_													_
Grade 7 CRT	Results 2015-2016		S	ex				Ethnicit	ty				S	pecial Po	opulation	ıs	
		State	Female	Male	Am In/ AK Native	Black	Hispanic	White	Two or More Races	Asian	Pacific Islander	IEP	Not IEP	ELL	Not ELL	FRL	Not FRL
	Number Enrolled	35316	17157	18159	334	3790	14689	11865	2091	2010	537	3552	31764	4765	30551	19837	15479
	Number Tested	34189	16659	17530	318	3635	14446	11376	2001	1890	523	3421	30768	4702	29487	19382	14807
Mathematics	Mean Scale Score	2509.4	2511.2	2507.7	2486.6	2457.6	2486.8	2542	2524.5	2573.8	2507.9	2412.1	2520.2	2432	2521.8	2483.9	2542.8
	% Proficient	29.3	28.5	30.1	18.6	12.1	19.8	42.3	34.3	55.3	24.3	6.3	31.9	5.3	33.1	19.2	42.6
	Number Tested	34665	16854	17811	317	3660	14525	11605	2037	1992	529	3440	31225	4711	29954	19506	15159
Reading	Mean Scale Score	2540.8	2555.2	2527.2	2518.2	2496.7	2520.6	2568.9	2557.9	2592.8	2535	2445.4	2551.3	2457.2	2553.9	2517.1	2571.2
	% Proficient	46.9	53.5	40.7	34.4	26.8	36.7	60.7	55.9	71.1	43.9	9.7	51	7.6	53.1	35.5	61.5
Grade 8 CRT I	Results 2015-2016		Se	ex				Ethnicit	ty			Special Populations					
		State	Female	Male	Am In/ AK Native	Black	Hispanic	White	Two or More Races	Asian	Pacific Islander	IEP	Not IEP	ELL	Not ELL	FRL	Not FRL
	Number Enrolled	35834	17360	18474	341	3861	15087	11920	1982	2103	540	3674	32160	4868	30966	19971	15863
	Number Tested	28402	13466	14936	303	3380	12879	8675	1500	1234	431	3370	25032	4679	23723	17118	11284
Mathematics	Mean Scale Score	2497.3	2501	2493.9	2486.6	2454.4	2482	2525.6	2511.6	2555.8	2510.4	2422.3	2507.3	2440.7	2508.4	2479.9	2523.5
	% Proficient	17.7	18.2	17.2	13.9	6.4	12.1	26.5	21	40.2	21.8	3.6	19.5	3.9	20.4	11.9	26.4
	Number Tested	34702	16833	17869	329	3699	14778	11433	1911	2025	527	3438	31264	4747	29955	19441	15261
Reading	Mean Scale Score	2552.2	2567.7	2537.7	2532.1	2505.1	2531.5	2582.1	2569.7	2606.8	2556.2	2454.2	2563	2464	2566.2	2527.7	
	% Proficient	47	53.7	40.7	38	26.6	37.3	60.6	54.6	72	49	9.5	51.2	7.6	53.3	35.8	61.3
6 :	Number Tested																
Science	Mean Scale Score																
	% Proficient																

Grade 11 ACT Results 2015-2016

		State	Female	Male	Am In/AK Native	Black	Hispanic	White	Two or More Races	Asian	Pacific Islander	IEP	Not IEP	ELL	Not ELL	FRL	Not FRL
	Number Enrolled	32009	15768	16241	328	3207	12643	11449	1686	2212	483	2719	29290	2028	29981	14798	17211
Mathematics	Number Tested	31840	15720	16120	325	3166	12584	11397	1676	2210	481	2650	29190	2002	29838	14687	17153
	Mean Scale Score	17.7	17.6	17.8	16.8	15.7	16.4	19.1	18.3	20.5	17	14.6	18	14.5	17.9	16.5	18.8
English	Number Tested	31853	15725	16128	326	3167	12589	11404	1675	2210	481	2654	29199	2003	29850	14695	17158
Eligiisii	Mean Scale Score	15.8	16.5	15.1	14.1	13.1	13.8	18	17.2	18.9	15.4	11	16.2	10.1	16.2	14	17.4
Reading	Number Tested	31816	15715	16101	325	3156	12576	11391	1677	2210	480	2638	29178	2000	29816	14670	17146
Keauing	Mean Scale Score	17.7	18.2	17.1	16.1	15.3	16	19.7	18.8	20	16.9	13.2	18.1	12.6	18	16.1	19
Science	Number Tested	31806	15709	16097	325	3155	12575	11386	1674	2210	480	2633	29173	1999	29807	14666	17140
Science	Mean Scale Score	18	18.1	17.9	17	15.9	16.8	19.4	18.6	20.4	17.5	14.5	18.3	14.6	18.2	16.8	19
Writing	Number Tested	31334	15589	15745	317	3082	12372	11225	1666	2194	477	2487	28847	1885	29449	14375	16959
Writing	Mean Scale Score	15.1	16.1	14.1	13.4	12.6	13.8	16.5	16.3	18.4	15	8.7	15.7	9	15.5	13.6	16.4

Ethnicity

Special Populations

	Ν	AEP - Grad	e 4 Mather	matics	
	Average Scale	% Below	% Basic	% Proficient or	% Advanced
	Score	Basic	or Above	Above	% Advanced
2006-2007	232	26	74	30	3
2008-2009	235	21	79	32	3
2010-2011	237	21	79	36	5
2012-2013	236	20	80	34	4
2014-2015	234	24	76	32	4
		NAEP - Gr	ade 4 Reac	ling	
	Average Scale	% Below	% Basic	% Proficient or	04 0 -1
	Score	Basic	or Above	Above	% Advanced
2006-2007	211	43	57	24	5
2008-2009	211	43	57	24	4
2010-2011	213	42	58	25	5
2012-2013	214	39	61	27	5
2014-2015	214	39	61	29	6
	Ν	AEP - Grad	e 8 Mather	matics	
	Average Scale	% Below	% Basic	% Proficient or	0/ 0 1
	Score	Basic	or Above	Above	% Advanced
2006-2007	271	40	60	23	4
2008-2009	274	37	63	25	5
2010-2011	278	33	67	29	6
2012-2013	278	32	68	28	6
2014-2015	275	35	65	26	5
		NAEP - Gr	ade 8 Reac	ling	
	Average Scale	% Below	% Basic	% Proficient or	
	Score	Basic	or Above	Above	% Advanced
2006-2007	252	37	63	22	2
2008-2009	254	35	65	22	1
2010-2011	258	31	69	26	2
2012-2013	262	28	72	30	3
2014-2015	259	29	71	27	2

Sex