



COLORADO DEPARTMENT *of* EDUCATION

Evaluation of Supplemental Educational Services (SES): Provider Effectiveness

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List of Acronyms

CDE	Colorado Department of Education	ELL	English Language Learners
SES	Supplemental Educational Services	NEP	Not English Proficient
ESEA	Elementary and Secondary Education Act	LEP	Limited English Proficient
NCLB	No Child Left Behind	FEP	Fluent English Proficient
CBLA	Colorado Basic Literacy Act	IEP	Individual Education Plan
SASID	State Assigned Student Identifier	CSAP	Colorado State Assessment Program
<i>N</i> or <i>n</i>	Number	TCAP	Transitional Colorado Assessment Program
<i>M</i> or <i>m</i>	Mean (average)	DRA 2	Developmental Reading Assessment, 2 nd edition
		MGP	Median Growth Percentile

Executive Summary

Introduction

Under the Elementary and Secondary Education Act (ESEA), districts with schools that have failed to make adequate yearly progress for three consecutive years are required to utilize Title I funds to provide tutoring services to students in those schools who qualify for free and reduced lunch (a proxy for socio-economic status). The intent of the law is to provide tutoring services outside of the school day to increase the academic performance of those students on the state assessment. The State Educational Agencies, such as Colorado Department of Education (CDE), are charged with the responsibility of ensuring that students receive tutoring services from providers that have a demonstrated record of effectiveness. Therefore, CDE evaluates the effectiveness of all providers approved to implement SES in the state in increasing the academic performance of served students based on the state assessment [e.g., the Transitional Colorado Assessment Program or TCAP (formerly the Colorado Student Assessment Program or CSAP)]. Provider effectiveness analyses have been conducted since 2007-2008. The current report presents the results of the evaluation of services provided in 2011-2012.

Supplemental Educational Services (2011-2012)

In the 2011-2012 school year, 58,800 Colorado students were eligible for services and of those, 8,949 (15.2% of eligible students) participated in the SES program. A majority of students (67%) received services for the first time in 2011-2012; whereas the remaining students had received services in at least one prior year. Over 88% of the students served were enrolled in Kindergarten through fifth grade. A diverse population of students received services: 76.9% were Hispanic or Latino and 9.5% were Black or African-American. Approximately, 17%¹ of Colorado students are English Language Learners, whereas 67.2% of the SES students served in 2011-2012 were English Language Learners. Less than 10% of Colorado students have Individual Educational Plans (Special Education IEPs) and over 12% of the SES students served in 2011-2012 had IEPs.

The 27 districts that implemented SES in 2011-2012 ranged in size, location, and number of schools eligible. The majority of the students served (58.8%) were from Denver Public Schools and Adams-Arapahoe 28J.

More than 47% of the students received over 25 hours of tutoring, with students receiving an average of approximately 26 hours of tutoring in either reading or math. Over 236,300 total hours of services were provided, costing approximately \$10,000,000.00 in Title I, Set Aside funds.

Seventy-four providers were approved to serve Colorado students in 2011-2012 and of those, 53² were selected to serve Colorado students. The majority of students (77.1%) received their services at a school site, with over 50% of the students being served in group settings.

Evaluation Methods

Each year, the performance of served students on the state reading and math assessments is compared to the performance of students who were eligible for services but did not receive any SES services. Steps are taken to ensure that the comparison students are academically and demographically similar to the students served. The percent of students who performed below proficient the year prior to implementation but moved up at least one

¹ Based on the state language proficiency assessment.

² Providers are selected by parents. Therefore, a larger number of providers are approved to serve the state than were selected by parents in 2011-2012.

proficiency level the year after implementation is calculated for both students served and the comparison group. If a provider's percentage of students who moved up at least one proficiency level is higher than that of the comparison group, then that provider is considered effective on that metric. In the evaluation, CDE also compares the median growth percentile of the students served by each provider to the median growth percentile of the comparison group for each content area. The providers whose students' median growth percentile is above the comparison group are considered effective. In order to remain on the state's list of approved providers, the provider has to demonstrate growth on at least one of these metrics.

Data cleaning procedures ensure that only students who were eligible for services are included in the evaluation analyses. Not all students served can be included in the evaluation because a minimum of two years of assessment data is necessary to conduct these analyses and only students in certain grades are administered state assessments. Each type of analysis requires a minimum of 20 students, which leads to further reduction of the number of students in the evaluation. Lastly, only students who completed all of their tutoring sessions, or a minimum of 20 hours of tutoring, prior to the testing window are included in the analyses.

Of the 7,219 students served with reading tutoring by 49³ providers, 4,078 were included in the reading evaluation. Of the 3,961 students served with math tutoring by 44⁴ providers, 1,447 were included in the math evaluation.

Evaluation Results

Reading

Students in Kindergarten through third grade were evaluated in reading using the DRA2 assessment. Eighteen providers had served enough students in these grades to be included in the evaluation. Of those 18, 5 providers' percent of students who increased at least one proficiency level on the DRA 2 was greater than the comparison students (EDUSS Learning, Weld RE-8 School District, Right On Learning, eXL Learning LLC, and Mesa School District).

Fourth through tenth grade students served with reading tutoring were evaluated using the state reading assessment. The percent of students who started unsatisfactory or partially-proficient on CSAP the year prior to implementation and moved up at least one proficiency level the year after implementation were calculated for each provider and the comparison group. Twenty-four providers served enough students to be included in this part of the evaluation. Of those 24, 13 providers had a larger percentage of students who moved up at least one proficiency level than the comparison group (See Reading Table below).

Reading tutoring is also evaluated using the median growth percentile (MGP) of the students served by each provider. Of the 27 providers who served enough students to be included in this part of the evaluation, 14 had a higher MGP than the comparison group. Five providers had a higher MGP than the comparison group, but not a higher proficiency level change (See Reading Table below).

The providers with both a proficiency level change and a MGP higher than the comparison group (the providers with an asterisk next to their name in the Reading Table) are considered to be the most effective in serving reading to students in fourth through tenth grade.

³ Not including Colorado School for the Deaf and Blind (CSDB).

⁴ Not including Colorado School for the Deaf and Blind (CSDB).

<u>Reading</u>	Considered Effective based on:		
	DRA 2 (K – 3rd Grade)	CSAP/TCAP Proficiency Level Chang (4th – 10th Grade)	Median Growth Percentile (4th – 10th Grade)
Mesa School District*	✓	✓	✓
A+ Learning Solutions*		✓	✓
BOSSReaders*		✓	✓
Club Z*		✓	✓
Department of Extended Learning*		✓	✓
Imagine Learning*		✓	✓
Learn It Systems*		✓	✓
Summer Scholars*		✓	✓
Right On Learning	✓	✓	
Weld RE-8 School District	✓	✓	
Orion’s Mind		✓	
Results learning LLC		✓	
eXL Learning LLC	✓		✓
A to Z In Home Tutoring			✓
Reading and Math Success (RaMS)			✓
Sheridan School District			✓
EDUSS Learning	✓		

Math

Fourth through tenth grade students served with math tutoring were evaluated using the state math assessment (TCAP, formerly known as CSAP). The percent of students who started unsatisfactory or partially-proficient on CSAP the year prior to implementation and moved up at least one proficiency level the year after implementation was calculated for each provider and the comparison group. Fourteen providers served enough students to be included in this part of the evaluation. Of those 14, 8 providers had a larger percentage of students who moved up at least one proficiency level than the comparison group (See Math Table below).

Math tutoring is also evaluated using the median growth percentile (MGP) of the students served by each provider. Of the 28 providers who served enough students to be included in this part of the evaluation, 12 had a higher MGP than the comparison group. Six providers had a higher MGP, as well as a higher increase in proficiency level change, than the comparison group.

The providers with both a proficiency level change and a MGP higher than the comparison group (the names with an asterisk) are considered to be the most effective in serving math to students in fourth through tenth grade.

Math	Considered Effective based on:	
	CSAP/TCAP Proficiency Level Chang (4th – 10th Grade)	Median Growth Percentile (4th – 10th Grade)
Academic Coaching*	✓	✓
Club Z*	✓	✓
Department of Extended Learning*	✓	✓
Geo Foundation*	✓	✓
Orion's Mind*	✓	✓
Reading and Math Success (RaMS)*	✓	✓
1st Advantage Tutoring	✓	
Sylvan Learning Center	✓	
A+ Learning Solutions		✓
EDUSS Learning		✓
John Corcoran Foundation		✓
Learn It Systems		✓
Right On Learning		✓
Weld RE-8 School District		✓

Conclusion

Some providers are effective in increasing the academic performance of students on one metric while others have demonstrated effectiveness on multiple metrics. Some have greater success with younger students (i.e., K-3) while others are more successful with older students. It is recommended that districts, schools, and parents utilize this information, in addition to other information available on the CDE website about each organization (e.g., the location of services, hours available, format of tutoring), to determine which provider could best meet the needs of students eligible for SES services.

Introduction

Historical Context of the SES Program

The Elementary and Secondary Education Act, reauthorized as the No Child Left Behind Act (NCLB) of 2001, required that schools identified for improvement for more than three consecutive years offer tutoring using Title I Set Aside funds, in reading and math, to economically disadvantaged students at no charge to the students [NCLB, Title I, Part A, §1116(e)⁵ Supplemental Educational Services (SES)]. Title I funded tutoring has been provided to Colorado students under the SES program since 2003. The Colorado Department of Education (CDE) is responsible for approving providers based on a demonstrated record of effectiveness and to remove from its list of approved providers any provider that fails for two consecutive years to increase the academic performance of served students on the state assessments.

Program Description

Supplemental Educational Services are tutoring services offered, at no charge to the student or the student's family, outside of the regular school day. The program is designed to provide extra academic assistance for eligible students in a Title I school on school improvement year 2, restructuring, or corrective action⁶. Eligible students include those who are eligible for free or reduced meals⁷. Supplemental Educational Services must be high quality, research-based, and specifically designed to increase student academic achievement on the state assessment. Districts with schools on improvement year 2 and beyond must pay for SES services from the district's Title I, Part A SES set aside funds. These services may include academic assistance such as tutoring or remediation in reading or math.

The main purpose of Supplemental Educational Services is to:

- Increase the academic achievement in reading/language arts and/or mathematics of eligible students as measured by the State's assessment system and;
- Enable these students to attain proficiency in meeting the state academic achievement standards.

Program Evaluation Background

CDE has been evaluating the effectiveness of SES providers since 2007-2008 using external evaluation firms, under the direction of the Unit of Federal Programs Administration. Each year's evaluation is based on state assessment results which are available for use the year after services are implemented. Therefore, the evaluation

⁵ In January 2012, the U.S. Department of Education granted a waiver from ESEA requirements to the Colorado Department of Education. Said waiver has allowed CDE to revise the SES guidance as of the 2012-2013 school year. Therefore, for all intent and purposes, the 2011-2012 academic year, which is the subject of this evaluation, is the final year of SES implementation under this statute and its accompanying regulations and guidance.

⁶ Per the ESEA Flexibility Waiver, 2011-2012 was the final year for SES program implementation for schools with these designations.

⁷ Per the ESEA Flexibility Waiver, 2011-2012 was the final year for determining program eligibility using these criteria.

Reach of the SES Program Colorado Students Served

- 13,958 number of students have received math tutoring since 2007-2008
- 29,800 number of students have received reading tutoring since 2007-2008
- 3,961 students received math tutoring in 2011-2012
- 7,219 students received reading tutoring in 2011-2012

reports are one year lagged. The reports provided to CDE from 2007-2008 through 2010-2011 on provider effectiveness can be accessed on the CDE website

[<http://www.cde.state.co.us/FedPrograms/dper/evalrpts.asp#tiases>]. The current report presented herein is based on the evaluation of services implemented in 2011-2012 and was conducted by CDE staff from the Office of Data, Program Evaluation, and Reporting.

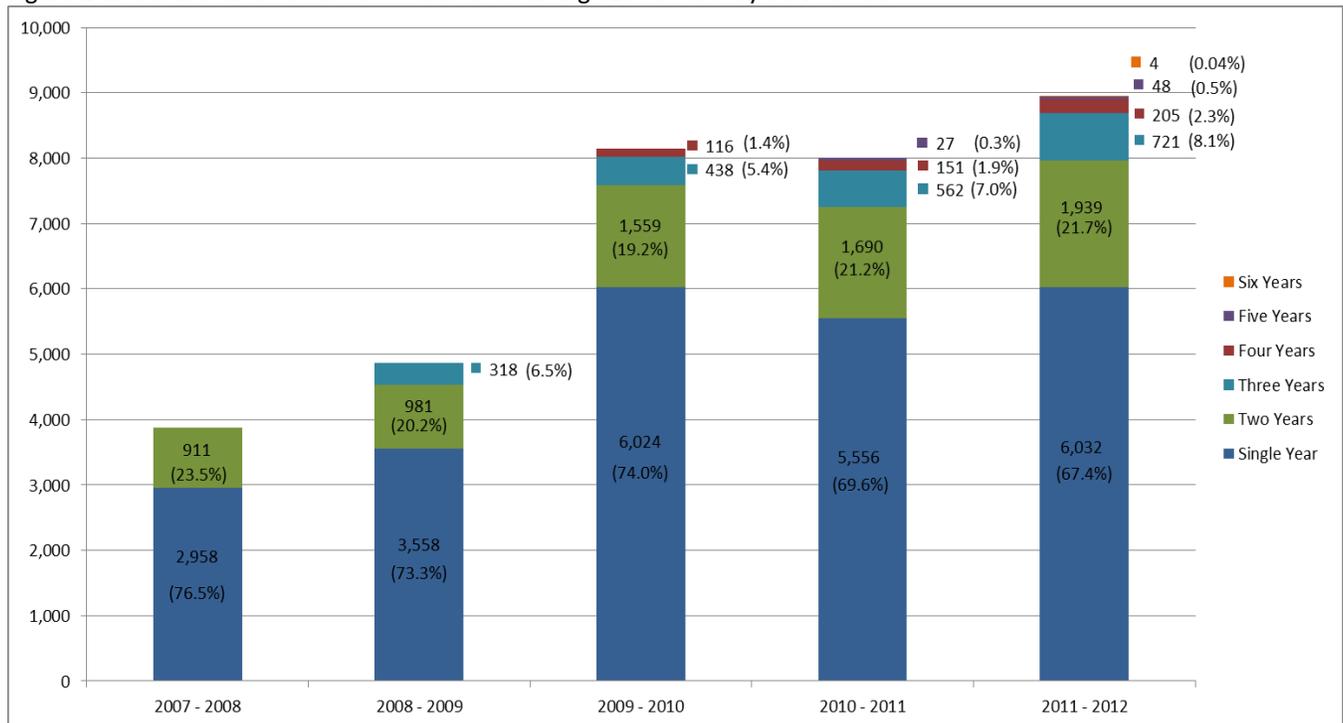
SES Program (2011-2012)

Program Reach

Eligible Students Served

In the 2011-2012 school year, 58,800 Colorado students were eligible for services and of those, 8,949 (15.2% of eligible students) participated in the SES program, which is a growth of 12.1% from the 7,986 students served in 2010-2011. Of the students served in 2011-2012, over 67% ($n = 6,032$) received services for the first time in that year. Over 21% ($n = 1,939$) had previously participated in one year of services and were participating in a second year of services in 2011-2012 and the remaining 11% ($n = 978$) had participated in SES for at least two prior years and were receiving services for at least their third year in 2011-2012.

Figure 2-1. Number and Percent of Students Receiving SES Services by Service Year⁸



Students Served in 2011-2012

Each year, the SES program reaches a diverse population of students with approximately 75% of the students served being Hispanic or Latino and approximately 10% being Black or African-American⁹ while the state

⁸ Includes all *eligible* students who received SES services.

⁹ For data on the students served in prior years, see prior years' evaluation reports at <http://www.cde.state.co.us/FedPrograms/dper/evalrpts.asp#tiases>.

averages for these groups range around 32% and 4.8%, respectively. In 2011-2012, 76.9% of the students served were Hispanic or Latino and 9.5% were Black or African-American. Approximately, 17.0%¹⁰ of Colorado students are English Language Learners, whereas 67.2%¹¹ of the SES students served in 2011-2012 were English Language Learners. Less than 10% of Colorado students have Individual Educational Plans (Special Education IEPs) and over 12% of the SES students served in 2011-2012 had IEPs.

Table 2-1. Demographic Characteristics of Students Receiving SES Services

Demographic Characteristics	SES Students ¹²		Statewide (11-12) ¹³	
	N	%	N	%
Gender				
Male	4,578	51.32	437,833	51.25
Female	4,342	48.68	416,432	48.75
Total	8,920		854,265	
Ethnicity				
American Indian or Alaska Native	64	0.72	7,143	0.84
Asian	231	2.59	26,522	3.10
Black or African American	843	9.45	40,932	4.79
Hispanic or Latino	6,857	76.87	272,490	31.90
White	783	8.78	479,288	56.11
Native Hawaiian or Other Pacific Islander	17	0.19	1,817	0.21
Two or More Races	125	1.40	26,073	3.05
Total	8,920		854,265	
Language Proficiency				
N/A - English only speakers	2,924	32.78	709,794	82.67
NEP	2,666	29.89	40,697	4.74
LEP	2,944	33.00	64,910	7.56
FEP	386	4.33	43,218	5.03
Total	8,920		858,619¹⁴	
IEP				
No IEP	7,828	87.76	771,377	90.30
Has an IEP	1,092	12.24	82,888	9.70
Total	8,920		854,265	

Similar to prior years, SES services were provided predominately to students in Kindergarten through fifth grade, with over 88.1% ($n = 7,866$) of students served in these grades.

Table 2-2. Grade of Students Receiving SES Services Compared to Statewide

¹⁰ Based on the state language proficiency assessment.

¹¹ This is fairly representative of the students served across the past years. For the exact counts and percentages of ELL served in prior years, see prior years' evaluation reports at <http://www.cde.state.co.us/FedPrograms/dper/evalrpts.asp#tiases>.

¹² Numbers are based on 2012 Student October data. Includes all *eligible* students with valid SASIDs who received SES services, except students from Colorado School for the Deaf and the Blind (CSDB), as information for CSDB is not available in the Student October collection.

¹³ Statewide numbers (except for Language Proficiency) are based on Pupil Membership information for Fall 2011, located on the CDE Education Statistics webpage at http://www.cde.state.co.us/index_stats.htm.

¹⁴ Statewide language proficiency is based on 2011 Student October data, excluding invalid SASIDs and students with duplicate entries.

Grade	SES Students		Statewide	
	N	%	N	%
Preschool	0	0.00	31,091	3.64
Kindergarten	433	4.85	66,361	7.77
1st Grade	1,528	17.13	66,398	7.77
2nd Grade	1,614	18.09	65,598	7.68
3rd Grade	1,563	17.52	65,956	7.72
4th Grade	1,439	16.13	64,560	7.56
5th Grade	1,289	14.45	64,089	7.50
6th Grade	313	3.51	63,492	7.43
7th Grade	235	2.63	62,153	7.28
8th Grade	210	2.35	61,156	7.16
9th Grade	98	1.10	62,358	7.30
10th Grade	74	0.83	60,662	7.10
11th Grade	71	0.80	58,993	6.91
12th Grade	53	0.59	61,398	7.19
Total	8,920	100.00	854,265	100.00

Schools and Districts Served in 2011-2012

The participating districts (n = 27, including Colorado School for the Deaf and Blind¹⁵), ranged in size and location. The number of participating schools from each district ranged between 1 and 60 schools. This represented as few as 3.7% of the schools in some districts (e.g., Jeffco) to a high of 50% (e.g., Sheridan and Weld 8) of the schools in other district. Of all of the 2011-2012 SES Students (n = 8,920¹⁶), 40.9% were Denver Public School students and 17.8% were Adams-Arapahoe students (combined total of 58.8% of students served being from these two districts). The remaining 41.2% were distributed in the other 25 districts (see Table 2-3).

The districts with the fewest number of participating students were Fremont, Del Norte, and Platte Valley (n = 2, 5, and 7 respectively). Districts with the smallest percentages of SES students included Adams 12, Boulder Valley, Cherry Creek, Colorado Springs 11, Del Norte, Delta County, Fremont, Harrison 2, Jefferson County, Mapleton, Platte Valley, St. Vrain, Summit, and Thompson all of which served less than 1% of their student population with SES.

The districts with the most number of students served were Denver Public Schools (n = 3,652 and 4.5% of all DPS students) and Adams-Arapahoe (n = 1,589 and 4.0% of all APS students).

The districts with the highest average number of service hours per student were Mesa County (m = 46.34 hours), Weld 8 (m = 45.28 hours), and Westminster 50 (m = 39.20 hours). Districts with the lowest average number of service hours per student were Gunnison (m = 14.14 hours), Keenesburg (m = 14.77 hours), and Boulder Valley (m = 17.88 hours).

¹⁵ Colorado School for the Deaf and Blind (CSDB) does not submit data via some of the CDE collections, such as Student October. Therefore, some of the following data tables do not include CSDB, which is noted when that is the case, or the data for CSDB is presented separately.

¹⁶ Does not include CSDB.

For a breakdown of the districts served by each provider, including student counts, please refer to Appendix B-1. In addition, Appendix B-2 provides the number of students served within each district, by provider.

Table 2-3. Number of Tutoring Hours Received by SES Students by District during 2011-2012 Academic Year¹⁷

District Name	Schools in District Participating		Students in District Participating		Hours Per Student			
	N	%	N	%	Min	Max	Mean	Median
Adams County 14	4	30.77	224	3.06	1.50	32.75	20.47	21.75
Adams-Arapahoe 28J	16	26.67	1,589	4.00	1.00	78.75	26.62	26.00
Boulder Valley Re 2	3	5.45	75	0.25	1.00	30.00	17.88	16.50
Cherry Creek 5	4	6.90	449	0.85	0.50	35.00	20.27	20.00
Colorado Springs 11	2	3.39	83	0.28	1.00	54.00	21.77	20.25
Del Norte C-7	1	25.00	5	0.96	7.50	33.25	18.00	10.50
Delta County 50(J)	1	5.00	21	0.40	3.00	46.50	23.14	21.00
Denver County 1	60	36.59	3,652	4.51	0.50	110.25	27.03	26.00
Fremont Re-2	1	20.00	2	0.13	30.00	30.25	30.13	30.13
Greeley 6	4	12.90	441	2.22	0.50	34.00	18.37	20.00
Gunnison Watershed Re1J	1	16.67	20	1.08	3.00	20.00	14.14	16.75
Harrison 2	1	4.00	16	0.14	3.50	31.50	19.33	20.25
Jefferson County R-1	6	3.70	445	0.52	0.50	32.00	20.92	21.00
Keenesburg Re-3(J)	1	16.67	35	1.54	2.00	19.00	14.77	17.00
Mapleton 1	1	11.11	41	0.53	1.00	66.00	28.96	20.00
Mesa County Valley 51	4	8.70	349	1.59	1.00	60.00	46.34	52.00
Montrose County Re-1J	2	12.50	119	1.89	1.00	34.00	19.99	23.00
Northglenn-Thornton 12 (Adams 12)	10	18.52	362	0.84	0.75	46.00	22.28	22.50
Platte Valley Re-7	1	33.33	7	0.64	6.00	25.00	20.79	25.00
Sheridan 2	2	50.00	220	13.41	1.50	47.50	24.19	26.00
St Vrain Valley Re 1J	4	7.69	201	0.72	1.25	39.75	20.65	22.50
Summit Re-1	2	22.22	10	0.32	15.00	30.25	25.30	28.00
Thompson R2-J	1	2.94	32	0.20	8.50	30.00	21.39	25.00
Trinidad 1	1	25.00	21	1.54	2.00	31.00	18.90	22.00
Weld County S/D Re-8	2	50.00	89	3.60	3.00	76.50	45.28	37.50
Westminster 50	5	26.32	412	4.07	1.00	63.00	39.20	46.50
Total	140	15.18	8,920	1.75	0.50	110.25	26.45	25.00
Colorado School for the Deaf and the Blind	1	N/A	29	N/A	1.50	23.50	12.10	10.00

Program Implementation

Approved Providers

In 2011-2012, CDE had 9 providers approved to serve the state in reading, 3 in math, and 62 in both content areas, for a total of 74 providers approved to provide services to Colorado students. Of those, 53 were selected by parents to provide services to students (For a list of providers approved to serve the state in each content area, please see Appendix C). The remainder of this evaluation report will focus on the 53 selected providers.

¹⁷ Includes all *eligible* students with valid SASIDs who received SES services. Information for CSDB is not included in the Total counts.

Services Rendered

Over 85% of the students served received more than 15 hours of tutoring. The largest number of students ($n = 2,070$ or 23.1%) received between 20.25 to 25 hours of service. More than 47% ($n = 4,246$) received more than 25 hours of tutoring.

Table 2-4. Hours of Tutoring Services Received by SES Students during 2011-2012 Academic Year¹⁸

Hours of Services	Number of Students	Percent of Students
0.25 - 15.00	1,283	14.34
15.25 - 20.00	1,350	15.09
20.25 - 25.00	2,070	23.13
25.25 - 30.00	1,944	21.72
30.25 - 35.00	894	9.99
35.25 - 110.25	1,408	15.73
Total	8,949	100.00

The minimum approved contract hours for providers ranged from 13 to 90 hours, with a median of 25 hours per student. Overall, about 44% ($n = 3,952$) of students completed all of their contracted hours. On average, tutoring services cost approximately \$47.58 per hour, with an average cost of \$1,147.33 per student. See Appendix D-1 for a summary of service hours and costs by provider. For a breakdown of the number of students served, as well as the median number of sessions and hours per student, by provider since the 2007-2008 academic year, see Appendix D-2.

Table 2-5. Summary of Service Hours and Costs¹⁹

Students Served (N)	Summary of Service Hours					Summary of Service Costs			
	Min Approved Contract Hours	Mean Hours per Student	Median Hours per Student	Students Completing ALL Contracted Hours		Total Hours of Tutoring	Mean Cost per Hour	Mean Cost per Student	Total Cost
				N	%				
8,978	13.00	26.32	25.00	3,952	44.02	236,304.75	\$47.58	\$1,147.33	\$10,300,693.89

Most of the students received tutoring at a school site ($n = 6,925$ and 77.1% of students served). However, some students were tutored in their home ($n = 1,458$ and 16.2%). The remaining 6.6% were served at an offsite location. For a breakdown of the location by provider, see Appendix D-3.

¹⁸ Includes all *eligible* students with valid SASIDs who received SES services, including CSDB.

¹⁹ Includes all provider contracts with *eligible* students.

Table 2-6. Location of Tutoring Services Provided to SES Students²⁰

School		Home		Community Center		Multiple Sites		Other		Total Students (N)
N	%	N	%	N	%	N	%	N	%	
6,925	77.13	1,458	16.24	289	3.22	13	0.14	293	3.26	8,978

The majority of students ($n = 4,178$ and 46.5%) were tutored in group settings of 5 to 10 students per group. However, many students received tutoring in one-on-one sessions ($n = 2,061$ and 23.0%) and in group settings of less than 5 students per group ($n = 1,975$ and 22.0%). Only 4.0% ($n = 361$) of students were tutored in groups with more than 10 students and 4.5% of students ($n = 403$) were tutored online (see Table 2-7). For a breakdown of delivery format by provider, see Appendix D-4. The online students were from the following districts: Denver Public Schools ($n = 205$), Adams-Arapahoe ($n = 71$), Greeley 6 ($n = 61$), Jefferson County ($n = 21$), Adams 12 ($n = 17$), Adams 14 ($n = 17$), Colorado Springs 11 ($n = 8$), Boulder Valley ($n = 2$), and Cherry Creek ($n = 1$).

Table 2-7. Session Delivery Format of Tutoring Services Provided to SES Students²¹

Individual		Groups less than 5		Groups 5 - 10		Groups more than 10		Online		Total Students (N)
N	%	N	%	N	%	N	%	N	%	
2,061	22.96	1,975	22.00	4,178	46.54	361	4.02	403	4.49	8,978

Evaluation Methods

Data Cleaning and Preparation

The primary purpose of data cleaning was to ensure reliability and validity of the data used in analyses. For example, measures were taken to ensure that only eligible students (those eligible for Free and Reduced Lunch in the 2011-2012 school year) from schools on school improvement year 2 and beyond were included in the evaluation. In order to conduct effectiveness analyses, it is necessary to have two consecutive years of state assessment data for each participating student. Therefore, students who did not have two years of assessment data or did not have a valid State Assigned Student Identifier Number (SASID) to track state assessment data in the content area in which they received tutoring were excluded from the analyses. Additionally, in keeping with the prior years of evaluation analyses, only students with a minimum of one hour of tutoring were included in the analyses. However, the student must have either completed all of the tutoring prior the mid-point²² of the state assessment window or completed a minimum of 20 hours of services in order to be included in the analyses.

Anomalies in the data were analyzed on a case-by-case basis. For example, students receiving services from more than one provider were investigated to determine which provider provided the student with more hours of tutoring in order to determine which provider’s evaluation should include that student. CDE followed a series of data cleaning and preparation steps that are delineated in Appendix A.

²⁰ Includes all provider contracts with *eligible* students.

²¹ Includes all provider contracts with *eligible* students.

²² Each year all Colorado students are assessed in the spring within a given range of dates. Because actual testing dates vary across students, the mid-point of the testing window is selected as the cutoff.

Served Students and Comparison Groups

After the cleaning processes were completed, a comparison group was created by randomly selecting students who were eligible for SES services, but did not receive services, from the schools eligible to implement the program (schools on second year of improvement or beyond) and had at least one student served. The comparison group was selected based on the prior year's performance using stratification by grade to ensure that the comparison group had the same proportions of students that scored unsatisfactory, partially-proficient, proficient, and advanced in each grade as the served group.

The demographics of the randomly selected sample were compared to the students served to ensure that the comparison group was demographically similar to the group of students served. Table 3-1 demonstrates that the SES students and the comparison groups were within a few percentages of each other on the demographic categories of Gender and Ethnicity. Furthermore, the percentages of the SES students who were English Language Learners (ELL) or had Individual Education Plans (IEPs) were very similar to the percentages of the comparison group. For a breakdown of the percentage of SES students who were ELL or had IEPs by provider, see Appendix E-1.

Table 3-1. Demographics of SES and Comparison Students with CSAP/TCAP or DRA2 Scores (2011-2012)

Demographic Characteristics	DRA2 N (%)		CSAP/TCAP Reading N (%)		CSAP/TCAP Math N (%)	
	SES	Comparison	SES	Comparison	SES	Comparison
Gender						
Male	1,104 (51.49)	2,673 (51.52)	1,021 (52.79)	3,934 (53.18)	725 (50.10)	5,542 (51.04)
Female	1,040 (48.51)	2,515 (48.48)	913 (47.21)	3,463 (46.82)	722 (49.90)	5,317 (48.96)
Total	2,144	5,188	1,934	7,397	1,447	10,859
Ethnicity						
American Indian or Alaska Native	17 (0.79)	32 (0.62)	10 (0.52)	64 (0.87)	4 (0.28)	86 (0.79)
Asian	41 (1.91)	120 (2.31)	63 (3.26)	199 (2.69)	43 (2.97)	243 (2.24)
Black or African American	226 (10.54)	662 (12.76)	203 (10.50)	715 (9.67)	155 (10.71)	1,077 (9.92)
Hispanic or Latino	1,697 (79.15)	3,896 (75.10)	1,492 (77.15)	5,540 (74.90)	1,117 (77.19)	8,244 (75.92)
White	126 (5.88)	362 (6.98)	136 (7.03)	759 (10.26)	100 (6.91)	1,035 (9.53)
Native Hawaiian or Other Pacific Islander	4 (0.19)	23 (0.44)	4 (0.21)	15 (0.20)	4 (0.28)	24 (0.22)
Two or More Races	33 (1.54)	93 (1.79)	26 (1.34)	105 (1.42)	24 (1.66)	150 (1.38)
Total	2,144	5,188	1,934	7,397	1,447	10,859
Language Proficiency						
N/A - English only speakers	595 (27.75)	1,965 (37.88)	617 (31.90)	3,024 (40.88)	492 (34.00)	4,367 (40.22)
NEP	439 (20.48)	933 (17.98)	176 (9.10)	611 (8.26)	112 (7.74)	789 (7.27)
LEP	1,063 (49.58)	2,191 (42.23)	939 (48.55)	3,161 (42.73)	671 (46.37)	4,428 (40.78)
FEP	47 (2.19)	99 (1.91)	202 (10.44)	601 (8.12)	172 (11.89)	1,275 (11.74)
Total	2,144	5,188	1,934	7,397	1,447	10,859
IEP						
No IEP	1,931 (90.07)	4,695 (90.50)	1,648 (85.21)	6,186 (83.63)	1,266 (87.49)	9,298 (85.62)
Has an IEP	213 (9.93)	493 (9.50)	286 (14.79)	1,211 (16.37)	181 (12.51)	1,561 (14.38)
Total	2,144	5,188	1,934	7,397	1,447	10,859

Provider Effectiveness

Reading Performance

In order to compare the effectiveness of providers longitudinally, the same methodology was used as in prior years' evaluations. Only students served with at least one hour of reading tutoring are included in this section of the analyses. Reading evaluation is conducted using three metrics: the Developmental Reading Assessment, 2nd edition (DRA2), the reading Colorado Student Assessment Program (CSAP)/Transitional Colorado Assessment Program (TCAP), and the reading Colorado Growth Model data.

The DRA2 is a reading assessment administered to students in earlier grades. For this evaluation, the DRA2 is used to evaluate the performance of served students in grades Kindergarten through third grade. CSAP in 2011 and TCAP in 2012 were administered to third through tenth graders. This evaluation includes analyses of fourth through tenth graders because two years of CSAP/TCAP scores are needed for the analyses conducted.

Because the primary focus of all Title I programs, including SES, are to increase the performance of the lowest performing students, only students who scored below grade level on DRA2 or non-proficient on CSAP the year prior to services were included in the evaluation. The percentage of students who moved up at least one proficiency level on each assessment were calculated for the students served by each provider and the comparison group. Additionally, the median growth percentile for all students served were included in the analyses to provide information about the effects of tutoring on all students served (not just those who scored unsatisfactory or partially-proficient).

In 2011-2012, 49 providers implemented reading tutoring for 7,219 students, with 2,661 in grades four through ten and 4,538 in grades Kindergarten through three. Of the 7,219 students who received reading tutoring, 4,078 (56.5%) could be included in the reading evaluation. The providers with the largest number of students included in the reading evaluation were Imagine Learning ($n = 663$), Reading and Math Success ($n = 392$), and Sylvan Learning Center ($n = 320$).

Table 3-2. SES Reading Students Included in the 2011-2012²³ Evaluation by Provider

Provider	Served Overall (N)	Served for Reading (N)	CSAP/TCAP Reading		DRA2		Total Evaluated for Reading	
			N	%	N	%	N	%
1st Advantage Tutoring	186	186	32	17.20	24	12.90	56	30.11
A to Z In-Home Tutoring	253	162	23	14.20	24	14.81	47	29.01
A+ In Home Tutoring, Inc.	25	20	0	0.00	0	0.00	0	0.00
A+ Learning Solutions	183	146	30	20.55	43	29.45	73	50.00
Abacus In-Home Tutoring, Inc.	25	20	4	20.00	3	15.00	7	35.00
Academic Coaching	147	147	38	25.85	22	14.97	60	40.82
Advanced Brain Gym Plus	77	77	9	11.69	10	12.99	19	24.68
Adventures in Learning K-12	82	69	8	11.59	13	18.84	21	30.43
Applied Scholastics International	34	25	10	40.00	8	32.00	18	72.00
ATS Project Success	84	50	16	32.00	5	10.00	21	42.00
Bennie E. Goodwin After School Academic Program	23	23	8	34.78	14	60.87	22	95.65
BOSSreaders	50	50	30	60.00	11	22.00	41	82.00
Center for Hearing, Speech and Language	285	285	82	28.77	0	0.00	82	28.77
Club Z	540	387	122	31.52	121	31.27	243	62.79
Department of Extended Learning	164	164	27	16.46	73	44.51	100	60.98
Dreamcatcher Direct Instruction	528	490	108	22.04	58	11.84	166	33.88
Educate-Online / Catapult Online	82	38	12	31.58	8	21.05	20	52.63
EDUSS Learning	798	274	50	18.25	87	31.75	137	50.00
Eduwizards, Inc.	1	0	--	--	--	--	--	--
eXL Learning, LLC	117	109	36	33.03	39	35.78	75	68.81
GEO Foundation Educational Services	95	0	--	--	--	--	--	--
Global Partnership Schools, Inc.	68	60	20	33.33	10	16.67	30	50.00
Imagine Learning	942	942	231	24.52	432	45.86	663	70.38
Innovadia	20	14	3	21.43	0	0.00	3	21.43
Inspired Solutions	113	74	11	14.86	0	0.00	11	14.86
John Corcoran Foundation	359	212	98	46.23	44	20.75	142	66.98
L.I.F.E. Centered Training Corporation, Inc.	19	19	0	0.00	3	15.79	3	15.79
Learn It Systems	228	192	32	16.67	14	7.29	46	23.96
Lutheran Family Services of Colorado	5	5	0	0.00	2	40.00	2	40.00
Mapleton Public Schools	36	16	2	12.50	0	0.00	2	12.50
Mathnasium	9	0	--	--	--	--	--	--
Mesa School District 51	313	223	47	21.08	122	54.71	169	75.78
Mobile Minds Tutoring	73	41	4	9.76	1	2.44	5	12.20
Montrose County School District RE-1J	117	84	17	20.24	0	0.00	17	20.24
Orion's Mind	265	265	96	36.23	126	47.55	222	83.77
Reading and Math Success (RaMS)	433	433	155	35.80	237	54.73	392	90.53
Results Learning LLC.	332	332	55	16.57	123	37.05	178	53.61
Right On Learning	176	143	48	33.57	37	25.87	85	59.44
Riverside Educational Center	35	35	7	20.00	12	34.29	19	54.29
Sheridan School District	216	151	49	32.45	1	0.66	50	33.11
Step to Success Community Learning Center	205	205	92	44.88	102	49.76	194	94.63
Summer Scholars	219	183	46	25.14	92	50.27	138	75.41
Summit Learning Services	131	127	26	20.47	15	11.81	41	32.28
Sylvan Learning Center	544	469	181	38.59	139	29.64	320	68.23
The HillSprings Learning Center	13	13	1	7.69	0	0.00	1	7.69
The Tutors and Virtual Campus, Inc.	5	4	1	25.00	0	0.00	1	25.00
The Way Out Tutoring	12	12	2	16.67	4	33.33	6	50.00
Tree of Knowledge	51	26	3	11.54	3	11.54	6	23.08
Tutorial Services	35	35	8	22.86	10	28.57	18	51.43
Tutoring Club of Westminster	67	53	6	11.32	0	0.00	6	11.32
University of Denver Bridge Project	40	40	20	50.00	9	22.50	29	72.50
Weld RE-8 School District	89	89	28	31.46	43	48.31	71	79.78
Total	8,949	7,219	1,934	26.79	2,144	29.70	4,078	56.49

²³ Includes all *primary* provider contracts with eligible students.

Math Performance

The same methodology was used to select students for inclusion in the math evaluation. However, the metrics used vary by content. At this time, Colorado does not have a state assessment for assessing student math performance for grades Kindergarten through second grade. Therefore, for the math evaluation, only the CSAP/TCAP proficiency levels and median growth percentiles were used to evaluate the performance of SES students and the comparison group. The math performance of the SES students who scored unsatisfactory or partially-proficient the year before services are compared to the year after services to determine what percentage of students moved up at least one proficiency level. Just as in the reading evaluation, the median growth percentile for all students served are included in the analyses to provide additional information about the effects of tutoring on all students served (not just those who scored unsatisfactory or partially-proficient).

The performance of the comparison students are assessed using the same metrics.

In 2011-2012, 44 providers provided math tutoring to 3,961 students in grades four through ten²⁴. Of those 3,961 students, 36.5% ($n = 1,447$) could be included in the math evaluation. The providers with the most number of students in the math evaluation were EDUSS Learning ($n = 301$), Reading and Math Success ($n = 156$), and Club Z ($n = 154$).

²⁴ Colorado does not have a state math assessment for students in Kindergarten through third grade, which would be the equivalent of DRA2 for reading.

Table 3-3. SES Math Students Included in the 2011-2012²⁵ Evaluation by Provider

Provider	Served Overall (N)	Served for Math (N)	Total Evaluated for Math	
			N	%
1st Advantage Tutoring	186	186	31	16.67
A to Z In-Home Tutoring	253	91	18	19.78
A+ In Home Tutoring, Inc.	25	5	1	20.00
A+ Learning Solutions	183	146	43	29.45
Abacus In-Home Tutoring, Inc.	25	13	2	15.38
Academic Coaching	147	147	39	26.90
Advanced Brain Gym Plus	77	0	--	--
Adventures in Learning K-12	82	13	2	15.38
Applied Scholastics International	34	9	3	33.33
ATS Project Success	84	34	17	50.00
Bennie E. Goodwin After School Academic Program	23	0	--	--
BOSReaders	50	0	--	--
Center for Hearing, Speech and Language	285	0	--	--
Club Z	540	432	154	35.65
Department of Extended Learning	164	164	48	29.27
Dreamcatcher Direct Instruction	528	38	14	36.84
Educate-Online / Catapult Online	82	44	23	53.49
EDUSS Learning	798	599	301	50.25
Eduwizards, Inc.	1	1	0	0.00
eXL Learning, LLC	117	8	3	37.50
GEO Foundation Educational Services	95	95	43	45.26
Global Partnership Schools, Inc.	68	12	3	25.00
Imagine Learning	942	0	--	--
Innovadia	20	18	5	27.78
Inspired Solutions	113	39	12	30.77
John Corcoran Foundation	359	155	89	57.42
L.I.F.E. Centered Training Corporation, Inc.	19	19	0	0.00
Learn It Systems	228	107	23	21.50
Lutheran Family Services of Colorado	5	5	0	0.00
Mapleton Public Schools	36	20	13	65.00
Mathnasium	9	9	3	33.33
Mesa School District 51	313	112	41	36.61
Mobile Minds Tutoring	73	32	9	28.13
Montrose County School District RE-1J	117	34	11	32.35
Orion's Mind	265	265	96	36.23
Reading and Math Success (RaMS)	433	433	156	36.03
Results Learning LLC.	332	0	--	--
Right On Learning	176	74	24	32.43
Riverside Educational Center	35	35	10	28.57
Sheridan School District	216	65	60	92.31
Step to Success Community Learning Center	205	0	--	--
Summer Scholars	219	36	12	33.33
Summit Learning Services	131	127	25	19.69
Sylvan Learning Center	544	127	61	48.03
The HillSprings Learning Center	13	13	1	7.69
The Tutors and Virtual Campus, Inc.	5	1	0	0.00
The Way Out Tutoring	12	12	2	16.67
Tree of Knowledge	51	25	3	13.04
Tutorial Services	35	35	8	22.86
Tutoring Club of Westminster	67	37	10	27.03
University of Denver Bridge Project	40	0	--	--
Weld RE-8 School District	89	89	28	31.46
Total	8,949	3,961	1,447	36.53

²⁵ Includes all *primary* provider contracts with eligible students.

Provider Evaluation Results

Reading Performance

Change in Proficiency Level

When evaluating the performance of the Kindergarten through third grade students, only students who performed below grade level on the DRA2 the year before implementation are included in these analyses. In general of the 1,330 students who received SES reading services and started off below grade level on the DRA2, only 13.2% ($n = 175$) moved to at, or above, grade level after services.

Five providers had a greater percentage of students increase in proficiency level, from below proficiency the year prior to services, to at or above grade level the year after implementation, in contrast to the comparison group which had 14.4% of its students increase to at, or above, grade level. EDUSS Learning, Weld 8, and Right On Learning had the top three percentages of students whose performance improved on the DRA2.

When considering the performance of the students served by only the high performing providers, 17.2% moved up to at, or above, grade level on the DRA2 ($n = 34$ out of 198).

Table 4-1. Reading Achievement for Grades K-3 based on the DRA2²⁶

Provider	Served for Reading (N) ²⁷	Valid DRA2 Data (N)	Below Grade-Level Target (N)	Improved	
				N	%
EDUSS Learning	208	87	45	11	24.44
Weld RE-8 School District	55	43	25	4	16.00
Right On Learning	80	37	25	4	16.00
eXL Learning, LLC	63	39	27	4	14.81
Mesa School District 51	167	122	76	11	14.47
Comparison Group	N/A	5,188	3,219	463	14.38
A to Z In-Home Tutoring	99	24	21	3	14.29
Club Z	214	121	70	10	14.29
Imagine Learning	623	432	274	39	14.23
Sylvan Learning Center	249	139	75	10	13.33
Orion's Mind	159	126	75	10	13.33
Summer Scholars	118	92	62	8	12.90
Results Learning LLC.	247	123	85	10	11.76
Step to Success Community Learning Center	110	102	63	7	11.11
Department of Extended Learning	103	73	55	5	9.09
Reading and Math Success (RaMS)	270	237	155	14	9.03
Dreamcatcher Direct Instruction	327	58	38	3	7.89
A+ Learning Solutions	98	43	27	2	7.41
John Corcoran Foundation	81	44	20	1	5.00
Providers below have fewer than 20 students starting below grade-level target					
1st Advantage Tutoring	111	24	--	--	--
A+ In Home Tutoring, Inc.	11	0	--	--	--
Abacus In-Home Tutoring, Inc.	10	3	--	--	--
Academic Coaching	85	22	--	--	--
Advanced Brain Gym Plus	55	10	--	--	--
Adventures in Learning K-12	53	13	--	--	--
Applied Scholastics International	15	8	--	--	--
ATS Project Success	31	5	--	--	--
Bennie E. Goodwin After School Academic Program	14	14	--	--	--
BOSSreaders	13	11	--	--	--
Center for Hearing, Speech and Language	194	0	--	--	--
Educate-Online / Catapult Online	20	8	--	--	--
Global Partnership Schools, Inc.	36	10	--	--	--
Inspired Solutions	50	0	--	--	--
L.I.F.E. Centered Training Corporation, Inc.	16	3	--	--	--
Learn It Systems	148	14	--	--	--
Lutheran Family Services of Colorado	4	2	--	--	--
Mapleton Public Schools	12	0	--	--	--
Mobile Minds Tutoring	30	1	--	--	--
Montrose County School District RE-1J	63	0	--	--	--
Riverside Educational Center	23	12	--	--	--
Sheridan School District	102	1	--	--	--
Summit Learning Services	70	15	--	--	--
The HillSprings Learning Center	11	0	--	--	--
The Tutors and Virtual Campus, Inc.	3	0	--	--	--
The Way Out Tutoring	9	4	--	--	--
Tree of Knowledge	21	3	--	--	--
Tutorial Services	14	10	--	--	--
Tutoring Club of Westminster	30	0	--	--	--
University of Denver Bridge Project	13	9	--	--	--

²⁶ Includes all *primary* provider contracts with eligible students.

²⁷ Includes students in grades K-3.

When evaluating the performance of the fourth through tenth grade students, only students who performed unsatisfactory or partially-proficient the year before implementation are included in these analyses. In general of the 1,474 students who received SES reading services and had scored unsatisfactory or partially proficient on CSAP the year before services, 25.0% ($n = 369$) moved up at least one proficiency level on the reading TCAP the year after services.

Thirteen providers had a greater percentage of students who moved up at least one proficiency level from the year prior to implementation, in contrast to the comparison group which had 27.1% of the students increase at least one proficiency level. Department of Extended Learning, Mesa School District, and 1st Advantage Tutoring had the greatest percentages of students whose performance increased at least one proficiency level on reading CSAP/TCAP.

When considering the performance of the students served by only the 13 high performing providers, 31.1% moved up at least one proficiency level on reading TCAP ($n = 190$ out of 611), which is 4% higher than the comparison group.

Table 4-2. Reading Achievement for Grades 4-10 based on CSAP/TCAP Performance²⁸

Provider	Served for Reading (N) ²⁹	Valid CSAP / TCAP Data (N)	Started Unsatisfactory OR Partially Proficient (N)	Improved	
				N	%
Department of Extended Learning	61	27	20	8	40.00
Mesa School District 51	56	47	37	14	37.84
1st Advantage Tutoring	74	32	23	8	34.78
Results Learning LLC.	84	55	41	14	34.15
Summer Scholars	65	46	39	13	33.33
Imagine Learning	319	231	167	52	31.14
Club Z	170	122	89	27	30.34
A+ Learning Solutions	48	30	24	7	29.17
Learn It Systems	44	32	21	6	28.57
Right On Learning	63	48	36	10	27.78
BOSSreaders	37	30	22	6	27.27
Weld RE-8 School District	34	28	22	6	27.27
Orion's Mind	106	96	70	19	27.14
Comparison Group	N/A	7,397	5,636	1,525	27.06
Center for Hearing, Speech and Language	91	82	61	16	26.23
eXL Learning, LLC	46	36	32	8	25.00
Academic Coaching	58	38	32	7	21.88
EDUSS Learning	62	50	37	8	21.62
Step to Success Community Learning Center	95	92	63	13	20.63
Sylvan Learning Center	217	181	137	26	18.98
Reading and Math Success (RaMS)	163	155	125	23	18.40
Sheridan School District	49	49	40	7	17.50
Dreamcatcher Direct Instruction	163	108	78	13	16.67
John Corcoran Foundation	130	98	79	13	16.46
Summit Learning Services	57	26	21	3	14.29
Providers below have fewer than 20 students starting Unsatisfactory or Partially Proficient					
A to Z In-Home Tutoring	63	23	--	--	--
A+ In Home Tutoring, Inc.	9	0	--	--	--
Abacus In-Home Tutoring, Inc.	10	4	--	--	--
Advanced Brain Gym Plus	22	9	--	--	--
Adventures in Learning K-12	16	8	--	--	--
Applied Scholastics International	10	10	--	--	--
ATS Project Success	19	16	--	--	--
Bennie E. Goodwin After School Academic Program	9	8	--	--	--
Educate-Online / Catapult Online	18	12	--	--	--
Global Partnership Schools, Inc.	24	20	--	--	--
Innovadia	13	3	--	--	--
Inspired Solutions	24	11	--	--	--
L.I.F.E. Centered Training Corporation, Inc.	3	0	--	--	--
Lutheran Family Services of Colorado	1	0	--	--	--
Mapleton Public Schools	4	2	--	--	--
Mobile Minds Tutoring	11	4	--	--	--
Montrose County School District RE-1J	21	17	--	--	--
Riverside Educational Center	12	7	--	--	--
The HillSprings Learning Center	2	1	--	--	--
The Tutors and Virtual Campus, Inc.	1	1	--	--	--
The Way Out Tutoring	2	2	--	--	--
Tree of Knowledge	5	3	--	--	--
Tutorial Services	20	8	--	--	--
Tutoring Club of Westminster	23	6	--	--	--
University of Denver Bridge Project	27	20	--	--	--

²⁸ Includes all *primary* provider contracts with eligible students.

²⁹ Includes students in grades 4-10.

Colorado Growth Model

The Colorado Growth Model data is also used to evaluate the services provided to all fourth through tenth graders. The Colorado Growth Model calculates the growth of each student in comparison to his/her academic peers (students with similar performance histories). A median growth percentile (MGP) of 50 is considered to be average growth and often referred to as one year's worth of growth in one year.

The overall MGP of all students served with SES was 51. The reading MGP of the SES-eligible students who did not receive tutoring (the comparison group) was 50. There were 14 providers with a higher MGP than the comparison group MGP of 50 and the state MGP of 50. Five providers had MGPs of 60 or higher: Department of Extended Learning (74), Mesa School District (65), Imagine Learning (64), Summer Scholars (60.5), and 1st Advantage Tutoring (60).

Table 4-3. Reading Growth of 4th through 10th Graders by Provider (2011-2012)³⁰

Provider	Served for Reading (N) ³¹	Valid TCAP Data (N)	Median Z-Scores			Median Growth Percentile
			2011	2012	Difference	
Department of Extended Learning	61	27	-0.85	-0.73	0.33	74.0
Mesa School District 51	56	47	-0.74	-0.53	0.25	65.0
Imagine Learning	319	231	-0.79	-0.56	0.26	64.0
Summer Scholars	65	46	-1.16	-1.04	0.31	60.5
1st Advantage Tutoring	74	32	-0.72	-0.41	0.24	60.0
eXL Learning, LLC	46	36	-0.97	-0.97	0.04	55.5
Reading and Math Success (RaMS)	163	155	-1.03	-0.89	0.15	54.0
Sheridan School District	49	49	-1.17	-0.90	0.28	54.0
BOSSreaders	37	30	-0.74	-0.67	0.17	53.0
Step to Success Community Learning Center	95	92	-0.64	-0.53	0.10	52.0
A+ Learning Solutions	48	30	-1.05	-0.80	0.21	52.0
Learn It Systems	44	32	-0.59	-0.60	0.06	52.0
Club Z	170	122	-0.87	-0.77	0.08	51.5
A to Z In-Home Tutoring	63	23	-1.37	-1.06	0.13	51.0
Comparison Group	N/A	7,397	-0.88	-0.76	0.11	50.0
Orion's Mind	106	96	-0.88	-0.68	0.15	49.0
John Corcoran Foundation	130	98	-1.27	-1.10	0.14	48.5
Dreamcatcher Direct Instruction	163	108	-0.86	-0.74	0.13	48.0
Center for Hearing, Speech and Language	91	82	-0.90	-0.70	0.05	46.0
Summit Learning Services	57	26	-1.01	-0.95	0.07	46.0
Results Learning LLC.	84	55	-1.01	-0.82	0.10	45.0
EDUSS Learning	62	50	-0.75	-0.65	0.15	42.5
Academic Coaching	58	38	-0.81	-1.15	0.01	42.0
Sylvan Learning Center	217	181	-0.93	-0.92	0.03	41.0
Right On Learning	63	48	-1.07	-0.96	-0.06	40.0
Weld RE-8 School District	34	28	-0.86	-0.64	0.01	40.0
Global Partnership Schools, Inc.	24	20	-0.92	-0.95	-0.01	37.0
University of Denver Bridge Project	27	20	-0.87	-0.71	-0.01	34.5
Providers below have fewer than 20 students with CSAP/TCAP growth data						
A+ In Home Tutoring, Inc.	9	0	--	--	--	--
Abacus In-Home Tutoring, Inc.	10	4	--	--	--	--
Advanced Brain Gym Plus	22	9	--	--	--	--
Adventures in Learning K-12	16	8	--	--	--	--
Applied Scholastics International	10	10	--	--	--	--
ATS Project Success	19	16	--	--	--	--
Bennie E. Goodwin After School Academic Program	9	8	--	--	--	--
Educate-Online / Catapult Online	18	12	--	--	--	--
Innovadia	13	3	--	--	--	--
Inspired Solutions	24	11	--	--	--	--
L.I.F.E. Centered Training Corporation, Inc.	3	0	--	--	--	--
Lutheran Family Services of Colorado	1	0	--	--	--	--
Mapleton Public Schools	4	2	--	--	--	--
Mobile Minds Tutoring	11	4	--	--	--	--
Montrose County School District RE-1J	21	17	--	--	--	--
Riverside Educational Center	12	7	--	--	--	--
The HillSprings Learning Center	2	1	--	--	--	--
The Tutors and Virtual Campus, Inc.	1	1	--	--	--	--
The Way Out Tutoring	2	2	--	--	--	--
Tree of Knowledge	5	3	--	--	--	--
Tutorial Services	20	8	--	--	--	--
Tutoring Club of Westminster	23	6	--	--	--	--

³⁰ Includes all *primary* provider contracts with eligible students.

³¹ Includes students in grades 4-10.

Math Performance

Change in Proficiency Level

When evaluating the performance of the fourth through tenth grade students, only students who performed unsatisfactory or partially-proficient the year before implementation are included in these analyses. In general, of the 1,447 students included in the evaluation, 1,048 had scored unsatisfactory or partially-proficient the year before implementation. Of the students served who had scored unsatisfactory or partially-proficient, 21.5% ($n = 225$) moved up at least one proficiency level on the math CSAP/TCAP the year after services.

Students served by Club Z or Reading and Math Success had both a higher Median Growth Percentile (MGP) and a higher percentage of students who moved up at least one proficiency level than the comparison group. Students served by EDUSS also had a higher MGP than the comparison group (see Tables 4-4 through 4-5 for details).

Eight providers had a greater percentage of students who moved up at least one proficiency level from the year prior to implementation, in contrast to the comparison group which had 20% of its students increase at least one proficiency level. GEO Foundation, Reading and Math Success, and Club Z had the greatest percentage of students whose performance increased at least one proficiency level on math CSAP/TCAP.

When considering the performance of the students served by only the eight high performing providers, 27.0% moved up at least one proficiency level on math TCAP ($n = 123$ out of 456), from unsatisfactory or partially-proficient the year prior to implementation to at least one proficiency level higher the year after implementation. This is 7% higher than the comparison group.

Table 4-4. Math Achievement for Grades 4-10 based on CSAP/TCAP³²

Provider	Served for Math (N) ³³	Valid CSAP/TCAP Data (N)	Started Unsatisfactory OR Partially Proficient	Improved	
				N	%
GEO Foundation Educational Services	45	43	24	8	33.33
Reading and Math Success (RaMS)	163	156	111	35	31.53
Club Z	191	154	109	31	28.44
1st Advantage Tutoring	74	31	26	7	26.92
Department of Extended Learning	61	48	38	10	26.32
Sylvan Learning Center	75	61	45	10	22.22
Orion's Mind	106	96	70	15	21.43
Academic Coaching	58	39	33	7	21.21
Comparison Group	N/A	10,859	7,864	1,574	20.02
Mesa School District 51	42	41	32	6	18.75
EDUSS Learning	371	301	213	33	15.49
Summit Learning Services	57	25	21	3	14.29
John Corcoran Foundation	97	89	63	9	14.29
Sheridan School District	65	60	51	5	9.80
A+ Learning Solutions	68	43	31	3	9.68
Providers below have fewer than 20 students starting below grade-level target					
A to Z In-Home Tutoring	52	18	--	--	--
A+ In Home Tutoring, Inc.	4	1	--	--	--
Abacus In-Home Tutoring, Inc.	6	2	--	--	--
Adventures in Learning K-12	6	2	--	--	--
Applied Scholastics International	5	3	--	--	--
ATS Project Success	20	17	--	--	--
Dreamcatcher Direct Instruction	19	14	--	--	--
Educate-Online / Catapult Online	34	23	--	--	--
eXL Learning, LLC	3	3	--	--	--
Global Partnership Schools, Inc.	6	3	--	--	--
Innovadia	15	5	--	--	--
Inspired Solutions	17	12	--	--	--
L.I.F.E. Centered Training Corporation, Inc.	3	0	--	--	--
Learn It Systems	25	23	--	--	--
Lutheran Family Services of Colorado	1	0	--	--	--
Mapleton Public Schools	16	13	--	--	--
Mathnasium	7	3	--	--	--
Mobile Minds Tutoring	18	9	--	--	--
Montrose County School District RE-1J	16	11	--	--	--
Right On Learning	41	24	--	--	--
Riverside Educational Center	12	10	--	--	--
Summer Scholars	13	12	--	--	--
The HillSprings Learning Center	2	1	--	--	--
The Way Out Tutoring	2	2	--	--	--
Tree of Knowledge	9	3	--	--	--
Tutorial Services	20	8	--	--	--
Tutoring Club of Westminster	25	10	--	--	--
Weld RE-8 School District	34	28	--	--	--

³² Includes all *primary* provider contracts with eligible students.

³³ Includes students in grades 4-10.

Colorado Growth Model

The Colorado Growth data is also used to evaluate the fourth through tenth graders who received SES services. The Colorado Growth Model calculates the growth of each student in comparison to his/her academic peers (students with similar performance histories). A median growth percentile (MGP) of 50 is considered to be average growth and often referred to as one year's worth of growth in one year.

The overall math MGP of all students served with SES was 54. The math MGP of the SES-eligible students who did not receive tutoring (the comparison group) was 49. There were 10 providers with higher MGPs than the comparison group MGP of 49 and the state MGP of 50. Four providers had MGPs of 60 or higher: Reading and Math Success (69), Club Z (62.5), Weld 8 (62), and John Corcoran (60).

Table 4-5. Math Growth of 4th through 10th Graders by Provider (2011-2012)³⁴

Provider	Served for Math (N) ³⁵	Valid CSAP/TCAP Data (N)	Median Z-Scores			Median Growth Percentile
			2011	2012	Difference	
Reading and Math Success (RaMS)	163	156	-0.93	-0.65	0.25	69.0
Club Z	191	154	-0.80	-0.60	0.19	62.5
Weld RE-8 School District	34	28	-0.67	-0.54	0.13	62.0
John Corcoran Foundation	97	89	-0.83	-0.78	0.15	60.0
Right On Learning	41	24	-0.84	-0.63	0.11	59.0
Academic Coaching	58	39	-0.88	-0.82	-0.07	55.0
Learn It Systems	25	23	-1.19	-0.72	0.12	55.0
GEO Foundation Educational Services	45	43	-0.60	-0.34	0.25	54.0
Orion's Mind	106	96	-0.94	-0.77	0.15	53.0
EDUSS Learning	371	301	-0.65	-0.62	0.07	51.0
A+ Learning Solutions	68	43	-0.81	-0.74	0.12	50.0
Department of Extended Learning	61	48	-1.12	-0.93	0.06	49.0
Comparison Group	N/A	10,859	-0.80	-0.76	0.06	49.0
Summit Learning Services	57	25	-1.22	-1.15	0.11	48.0
Sylvan Learning Center	75	61	-1.02	-0.81	0.08	45.0
1st Advantage Tutoring	74	31	-1.19	-0.81	0.13	45.0
Educate-Online / Catapult Online	34	23	-0.48	-0.40	0.05	43.0
Mesa School District 51	42	41	-1.25	-1.02	-0.01	42.0
Sheridan School District	65	60	-0.71	-0.91	-0.10	35.0
Providers below have fewer than 20 students with CSAP/TCAP growth data						
A to Z In-Home Tutoring	52	18	--	--	--	--
A+ In Home Tutoring, Inc.	4	1	--	--	--	--
Abacus In-Home Tutoring, Inc.	6	2	--	--	--	--
Adventures in Learning K-12	6	2	--	--	--	--
Applied Scholastics International	5	3	--	--	--	--
ATS Project Success	20	17	--	--	--	--
Dreamcatcher Direct Instruction	19	14	--	--	--	--
eXL Learning, LLC	3	3	--	--	--	--
Global Partnership Schools, Inc.	6	3	--	--	--	--
Innovadia	15	5	--	--	--	--
Inspired Solutions	17	12	--	--	--	--
L.I.F.E. Centered Training Corporation, Inc.	3	0	--	--	--	--
Lutheran Family Services of Colorado	1	0	--	--	--	--
Mapleton Public Schools	16	13	--	--	--	--
Mathnasium	7	3	--	--	--	--
Mobile Minds Tutoring	18	9	--	--	--	--
Montrose County School District RE-1J	16	11	--	--	--	--
Riverside Educational Center	12	10	--	--	--	--
Summer Scholars	13	12	--	--	--	--
The HillSprings Learning Center	2	1	--	--	--	--
The Way Out Tutoring	2	2	--	--	--	--
Tree of Knowledge	9	3	--	--	--	--
Tutorial Services	20	8	--	--	--	--
Tutoring Club of Westminster	25	10	--	--	--	--

Additional Performance Considerations

The Colorado Department of Education utilizes the evaluation results to remove any providers that have failed to increase the academic performance of students for two consecutive years on at least one of the metrics in each

³⁴ Includes all *primary* provider contracts with eligible students.

³⁵ Includes students in grades 4-10.

content area. Before removing providers, a comparison is made of the students served by the provider and those in the comparison group. If a provider's students have a disproportional rate of students that are eligible for free and reduced lunch, English Language Learners, or students with IEPs, then that is factored into consideration before the provider is removed from the list of approved providers. Another point of consideration is the percentage of students that completed the provider's program (i.e., completed the full number of hours the provider is approved to serve students in each content area based on district contracts) and how the performance of students who completed the program compares to the students who did not complete the program. The additional data that is taken into consideration can be found in Appendix E.

Conclusion and Next Steps

There is great variability in the effectiveness of providers. Some providers had greater success with younger students, such as EDUSS Learning, while other providers were more successful with older students, such as Department of Extended Learning. Some providers were more successful with reading tutoring, while others excelled in math. One provider Club Z increased the academic performance of its students on both reading and math TCAP.

Reading

Services provided to student in Kindergarten through third grade were evaluated in reading using the DRA2 assessment. Eighteen providers had served enough students in these grades to be included in the evaluation. Of those 18 providers, 5 had a larger percentage of students who increased at least one proficiency level on the DRA 2 than the comparison group (EDUSS Learning, Weld RE-8 School District, Right On Learning, eXL Learning LLC, and Mesa School District). These providers are considered effective in providing reading services to Kindergarten through third graders.

Reading services provided to fourth through tenth grade students were evaluated by comparing the CSAP proficiency level change of students served to the comparison students who had performed unsatisfactory or partially proficient on CSAP the year prior to services. Twenty-four providers had served enough students to be included in this part of the evaluation. Of those 24 providers, 13 had a larger percentage of students who moved up at least one proficiency level than the comparison group. Those providers were:

- Department of Extended Learning*
- Mesa School District 51*
- 1st Advantage Tutoring*
- Results Learning LLC
- Summer Scholars*
- Imagine Learning*
- Club Z*
- A+ Learning Solutions*
- Learn It Systems*
- Right On Learning
- BOSSReaders*
- Weld RE-8 School District
- Orion's Mind

The effectiveness of the SES program varies by provider, content area, and grade level served.

Reading tutoring is also evaluated using the median growth percentile (MGP) of the students served by each provider in comparison to the MGP of the comparison group. Of the 27 providers who had served enough students to be included in this part of the evaluation, 14 had a higher MGP than the comparison group. The above

nine providers with an asterisk after their name had a higher MGP, as well as the higher increase in proficiency level change, than the comparison group.

The five providers below had a higher MGP than the comparison group, but not a higher proficiency level change:

- eXL Learning LLC
- Reading and Math Success (RaMs)
- Sheridan School District
- Step to Success
- A to Z In Home Tutoring

The providers with both a proficiency level change and a MGP higher than the comparison group (those with an asterisk) are considered to be the most effective in serving reading to students in fourth through tenth grade.

Math

Math services provided to fourth through tenth grade students were evaluated by comparing the CSAP proficiency level change of students served to the comparison students who had performed unsatisfactory or partially proficient on CSAP the year prior to services. Fourteen providers had served enough students to be included in this part of the evaluation. Of those 14, eight providers had a larger percentage of students who moved up at least one proficiency level than the comparison group. Those providers were:

- GEO Foundation*
- Reading and Math Success (RaMS)*
- Club Z*
- 1st Advantage Tutoring
- Department of Extended Learning*
- Sylvan Learning Center
- Orion's Mind*
- Academic Coaching*

Math tutoring is also evaluated using the median growth percentile (MGP) of the students served by each provider. Of the 28 providers who had served enough students to be included in this part of the evaluation, 12 had a higher MGP than the comparison group. The above six providers with an asterisk after their name had a higher MGP, as well as the higher increase in proficiency level change, than the comparison group.

The six providers below had a higher MGP than the comparison group, but not a higher proficiency level change:

- Weld RE-8 School District
- John Corcoran Foundation
- Right On Learning
- Learn It Systems
- EDUSS Learning
- A+ Learning Solutions

The providers with both a proficiency level change and a MGP higher than the comparison group (those with an asterisk) are considered to be the most effective in serving math to students in fourth through tenth grade.

Overall

The effectiveness of the SES program varies by provider, content area, and grade level served. Providers who had a positive impact on student performance across multiple metrics were considered to be the most effective. There is some evidence that math services had a greater impact on student performance than reading. The highest percentage of proficiency level change in reading for students served by a reading provider was 24.4%, whereas five providers were able to increase the math performance of more than 25% of their students. Conversely, the highest MGP of all math providers was 69, whereas the highest MGP of all reading providers was 74 (Department of Extended Learning). In this program, increasing the proficiency level of students in math might be more feasible, whereas increases in reading performance are more detectable by the Colorado Growth Model.

Other Analyses and Next Steps

CDE also provides a summary chart that outlines the performance of each provider based on the five years of evaluation findings. The summary chart is color-coded so that information can be quickly gleaned regarding the performance of providers across the years. Cells highlighted in green represent performance above the comparison group.

CDE will continue to annually evaluate the effectiveness of providers in increasing the academic performance of students and make the findings of those evaluations available to the public. In addition to these evaluation findings, CDE provides a wealth of information on the CDE website regarding each provider approved to provide services to Colorado students, including the format, hours, and cost of tutoring. Parents, schools, and districts are encouraged to utilize the information from this evaluation report, its accompanying summary table (also available on the CDE website), and other information pertaining to the quality of services available to make an informed decision in selecting the provider that is most likely to meet the needs of eligible students.

The Department has also evaluated the statewide effectiveness of the program, as well as school and district level analyses to determine which schools and districts have experienced greater success with this program. The findings from the school, district, and statewide evaluations can be found in a separate report, also available on the CDE (DPER) website [<http://www.cde.state.co.us/FedPrograms/dper/evalrpts.asp#tiases>].

Appendices

Appendix A: Data Cleaning Procedures

A database developed by OMNI Institute (OMNI) was used to track information about students receiving SES. Each year, providers enter contract information on each student, pre- and post-test assessment data, and sessions attended by each student. At the end of the 2011-2012 academic year, the data were downloaded by OMNI and sent to CDE's Unit of Federal Programs, Office of Data, Program Evaluation, and Reporting (DPER). CDE used the data from the OMNI Tracker System files to create a master file of students served. DPER cleaned the data using the following procedures.

First, service data were checked to ensure that a session type entry had a valid session time entry and that only scheduled sessions were included. All recorded session types equal to 'session' had to have a corresponding session time greater than zero hours; all recorded session types equal to 'absent' and to 'parent only contact' had to have corresponding session times equal to zero. Despite database constraints to limit these types of errors, an examination of the data found that there were three service entries with incongruent session type/session time information (e.g., a session coded as lasting 0 hours). The three discrepant entries were deleted from the data. Deleting these entries did not result in the loss of any students. Sessions coded as "Absent" or "Parent Contact" were removed (21,651 and 17 entries respectively). This resulted in a loss of 162 unique SASIDs.

Second, SASIDs were checked for accuracy. One student's SASID was incorrectly entered as a different student's SASID. This case was deleted, but did not result in loss of any students. One SASID was identified with the same first name and different last names. The sessions with the name that matched CBLA/TCAP files were retained and the others deleted. Two additional SASIDs were identified with different student first and last names assigned to them. All of the sessions assigned to these two SASIDs were deleted. This resulted in the loss of at least two students. An additional 123 invalid SASIDs were corrected, when the correct SASID could be determined with a reasonable degree of confidence (e.g., all other student identifiers were identical across the two files), in order to keep as many students served in the evaluation as possible. These errors were corrected by locating the correct SASID from the CBLA,TCAP and Student October files using the students' names, grades, and schools on record.

Third, session data were also checked to ensure that session times were entered within a reasonable tutoring session range (less than four hours on school days). Sessions that were longer than four hours were checked against school calendars to ensure that sessions that were four hours or longer occurred on non-school days (i.e., week-end days, spring break, winter break, or summer sessions). Any sessions that were four hours or more but occurred during a school day were researched to ensure the data was not entered incorrectly. One case was corrected per the provider, and another case was removed as the session time could not be validated. This did not result in the loss of any students. All remaining cases were validated by the providers and retained for this evaluation.

Fourth, service data were checked to ensure that for each service date only one service entry was recorded, with the exception of when sessions for both reading and math were provided. There were five students that had multiple records on the same date. In cases where the two entries were exact duplicates one was kept and the others dropped. When it was not possible to determine which of the entries were valid the records were deleted from the file. Deleting these service records resulted in the loss of one student.

Fifth, one provider initially entered incorrect cost per hour. Dreamcatcher Direct Instruction incorrectly entered cost per hour of \$652.04/hour which was revised to \$26.00/hour, cost per hour of \$987.78/hour which was revised to \$40.00/hour, and cost per hour of \$1,580.79/hour which was revised to \$52.70/hour. The provider was contacted to confirm the changes. Additionally, one provider incorrectly entered the grade for two students as '99.' These students were matched to Student October data to determine their correct grade levels (one student was changed to 3rd grade and the other student to 5th grade).

Sixth, service data were checked to verify that all providers serving students were on the list of Colorado approved providers for the 2011-2012 academic year. Three schools were listed as providers (Johnson Elementary School, Skinner Middle School, and Valverde Elementary School). These records were checked with district personnel, and it was determined that the appropriate provider for all of these cases was Department of Extended Learning. The provider name was changed for these records.

Finally, service data were checked to ensure that students served were eligible for SES services. In order to be eligible for services, students must have been eligible for free and reduced meals. Students not eligible for free and reduced meals based on 2011-2012 Student October data were removed (this resulted in the loss of 150 students). An additional 47 students were removed because they could not be matched to Student October data and eligibility could not be determined. To meet eligibility requirements, students must also have been from a school eligible to implement SES. There were seven students from a school not eligible for SES; these students were removed.

The data cleaning procedures described above resulted in a dataset (Provider Session file) with service information on 8,949 unique students. Descriptive information for these students is provided in Section 1 of this report. The clean Provider Session file was aggregated on SASID and provider, resulting in 8,978 unique student/provider contracts. Twenty-nine students had contracts with two providers. This information was used to populate the descriptive tables of provider service in Section 2 of this report.

For the provider effectiveness analyses, service data were checked to determine whether students received tutoring from multiple providers. Twenty-nine students were served by multiple providers. If a student had multiple contracts for the same

content area (math or reading), the contract with the greatest sum of service session times was retained for effectiveness analyses. This method was undertaken so that each student was assigned to only one provider per content area. If a student had two contracts, but at least one of the contracts was for one subject exclusively (i.e. math), and the other contract was for the other subject exclusively (i.e. reading) or for both subjects (math and reading), then the first contract counted towards one test (i.e. TCAP Math), and the second contract counted for the second test (i.e. TCAP Reading). All unique student/provider contracts were preserved for provider descriptive analyses, however, ensuring that any student who received tutoring with a provider was included for all provider tables other than those for effectiveness. For example, the tables on completion rates of providers include all students with more than 0 hours of services. A total of 11 student/provider contracts were removed from the provider effectiveness analyses, as both contracts for these students were in the same content area (6 were reading only contracts, 3 were math only contracts, and the remaining 2 were contracts in math and reading combined).

Additionally, the data were checked to ensure that students received a minimum of 1 hour of tutoring. Nine students were flagged as receiving more than 15 minutes but less than 1 hour of tutoring. These students were included in descriptive analyses, but were eliminated from the effectiveness analyses.

Additional Cleaning for Effectiveness Analyses

CSAP/TCAP Merging and Data Cleaning

For students in fourth through tenth grade, assessment information was based on CSAP/TCAP data. Prior to merging CSAP/TCAP data with the SES provider file, tests with invalid SASIDs were removed in both the 2011 CSAP file and 2012 TCAP file (58 and 42 students for reading 2011 and 2012, respectively, and 54 and 43 for math 2011 and 2012 respectively). Students with test invalidations (i.e. misadministration, etc.) were also removed (4,380 and 3,733 students for reading 2011 and 2012, and 3,740 and 4,214 students for math 2011 and 2012). For reading, students taking the test in Spanish were removed (1,319 students in 2011 and 1,283 students in 2012). Also, students marked as “Did not test” were removed (585 and 1,399 students for reading 2011 and 2012, and 367 and 474 students for math 2011 and 2012). Students with duplicate records in a given year were also removed (2011: 35 students in Math file and 30 students in Reading file; 2012: 22 students in Math file and 20 students in Reading file). Students without a 2012 student growth percentile (SGP) were removed from the TCAP growth files (98,007 students in reading and 96,147 students in math). The 2011 CSAP file, 2012 TCAP file, and 2012 TCAP growth file were then merged, and students without CSAP/TCAP scores for both years as well as a 2012 SGP were removed (173,925 students in Math file and 173,773 in Reading file).

When examining the effectiveness of SES on math and reading achievement using CSAP/TCAP data, tutoring sessions that occurred after TCAP tests were administered could not be included in the evaluation. March 29, 2012, the middle date in the testing window, was used as the cutoff for excluding sessions. Tutoring sessions that occurred on or after March 29 were not included in the analyses. Students who received all of their tutoring sessions prior to the cutoff were included in the provider effectiveness analyses. Students who only received part of their tutoring prior to the cutoff were only included if they received a minimum of 20 hours of services prior to the cutoff date.

March 29 was chosen as the cutoff as it was the middle of the testing window for the state. Therefore, it is important to note that for some students a small number of tutoring sessions included in the provider effectiveness analyses may have occurred after TCAP tests were administered and for other students a small number of tutoring sessions that occurred before TCAP tests were administered may have not been included. There were 80 students served in reading and 65 students served in math who received all of their tutoring after March 29, 2012 and were not included in the effectiveness analyses. An additional 327 students served in reading and 260 students served in math were also excluded as they did not receive all of their tutoring services – and received less than 20 hours of services – prior to the cutoff date.

CSAP/TCAP Comparison Students

To assess the effectiveness of SES on achievement, it is important to compare SES students’ changes in achievement to students who were eligible to participate in the program but did not enroll. To create an appropriate comparison group, several steps were taken. First, students who were in schools in which SES tutoring was offered in 2011-2012 were selected (i.e., at least one student from that school had been recorded as receiving SES). Second, students who qualified for free or reduced lunch in 2011-2012 were selected to match eligibility requirements for SES services. Finally, students were selected so that their grade and prior proficiency levels proportionally matched SES students for reading and math achievement. Before drawing the sample, the sizes of the different grades and prior proficiency levels of students in the SES group and students within the pool of potential comparison students were examined in order to determine the largest proportions of comparison students that could be included in analyses. For example, there were 321 students in the SES group who were in 4th grade and scored Unsatisfactory in CSAP reading in 2011, while there were 1,384 students in the eligible comparison pool in the same category (4.31 times more students in this category in the comparison pool than in the SES group). The smallest ratio across each group was found and this ratio was used to pull a proportional sample from each grade and 2011 proficiency category from the comparison pool. The smallest ratio for reading (CSAP) was 3.82 (for 3rd grade Unsatisfactory) and this was applied to the other categories for reading achievement (CSAP). For example, there were 43 SES students in 7th grade who scored Unsatisfactory in 2011, so 164 (or about 3.82 times) of

the possible 896 Comparison 7th grade students were randomly selected from the comparison pool. The ratios differed by test (CSAP reading and CSAP math); therefore, the smallest ratio for each test was used to pull the comparison group for each test. The smallest ratio for math was 7.5. This process allowed for a large group of comparison students for each test. This process resulted in a comparison group of 7,397 students for CSAP/TCAP reading analyses and 10,859 for CSAP/TCAP math analyses.

CBLA Merging and Data Cleaning

CBLA data were used to examine the effectiveness of SES tutoring on reading achievement for kindergarten through third grade. While schools can assess the literacy skills of their K-3 students using three assessments (DRA2, DIBELS, and PALS), only the DRA2 was selected for the provider effectiveness analyses of SES, because that is the assessment used by most of the SES-eligible districts and it is the assessment used in prior SES evaluations. For both the 2011 and 2012 CBLA files, only valid scores on the DRA2 were selected (missing scores, absent scores, and scores outside the range of acceptable values were removed). Students with duplicate records in a given year were also removed (169 students in 2011 and 0 in 2012). The 2011 and 2012 files were then merged, and 64,069 students without scores for both years were removed. The grade difference between 2012 grade and 2011 grade was then calculated. Students without a grade difference of 1 (i.e. students who repeated or skipped grades) were removed (859 students).

Prior to merging the cleaned DRA2 file with the SES provider file, it was necessary to exclude tutoring sessions that occurred after DRA2 tests were administered. While schools are able to set their own collection windows for CBLA, the data collection for CDE began on April 1, 2012; therefore, April 1, 2012 was used as the cutoff. Tutoring sessions that occurred on or after April 1 were not included in the analyses. Students who received all of their tutoring sessions prior to the cutoff were included in the provider effectiveness analyses. Students who only received part of their tutoring prior to the cutoff were included only if they received a minimum of 20 hours of services prior to the cutoff date.

It is important to note that for some students a small number of tutoring sessions included in the provider effectiveness analyses may have occurred after DRA2 tests were administered, and for other students a small number of tutoring sessions that occurred before DRA2 tests were administered may have not been included. There were 100 students served in Reading who received all of their tutoring after April 1, 2012 and were not included in the analyses examining effectiveness of tutoring on student DRA2 achievement. An additional 242 students served in reading were also excluded as they did not receive all of their tutoring services – and received less than 20 hours of services – prior to the cutoff date.

Students within each grade are expected to reach a specific grade-level target score for literacy. For example, 2nd grade students are expected to achieve a score of 28 or higher, and in 3rd grade they are expected to achieve a score of 38 or higher. The appropriate grade level cutoff scores were used to categorize student achievement as falling below or meeting/exceeding grade level benchmarks.

CBLA Comparison Students

Several steps were taken to select comparison students for CBLA analysis. First, students who were in schools in which SES tutoring was offered in 2011-2012 were selected (i.e. at least one student from that school had been recorded as receiving SES). Second, students who qualified for free or reduced lunch in 2011-2012 were selected to match eligibility requirements for SES services. Finally, students who had DRA2 scores for 2011 and 2012 were proportionally selected so that their grade and whether they met their grade-level target matched SES students. As described in the CSAP/TCAP section for comparison students, the size of each grade/proficiency category group for the comparison pool and SES students were compared and a ratio of comparison students to SES students was computed for each group. The smallest ratio was used to pull a proportionally stratified sample from the comparison pool for use in analyses. The smallest ratio for the DRA2 data was 2.42. For example, 536 second graders who received SES were below their grade level target in 2011; thus, 1,297 second graders ($536 * 2.42$) who were below their grade level target were randomly selected from the pool of students who did not receive SES, had valid DRA2 scores in 2011 and 2012, attended an eligible school, and were eligible for free/reduced lunch. This process was completed for the different categories of students to obtain a sample of comparison students to be included in CBLA (DRA2) analyses ($n = 5,188$).

Appendix B: SES Students Served by Provider and District

Table B-1. Number of SES Students by Provider by District

Provider/District	Students (N)
1st Advantage Tutoring	186
Adams County 14	7
Adams-Arapahoe 28J	29
Cherry Creek 5	4
Denver County 1	89
Jefferson County R-1	48
Westminster 50	9
A to Z In-Home Tutoring	253
Adams County 14	2
Adams-Arapahoe 28J	43
Boulder Valley Re 2	20
Cherry Creek 5	23
Colorado Springs 11	1
Denver County 1	56
Greeley 6	17
Harrison 2	6
Jefferson County R-1	35
Northglenn-Thornton 12	37
St Vrain Valley Re 1J	4
Thompson R-2J	3
Westminster 50	6
A+ In Home Tutoring, Inc.	25
Adams-Arapahoe 28J	9
Denver County 1	16
A+ Learning Solutions	183
Adams County 14	7
Adams-Arapahoe 28J	69
Cherry Creek 5	49
Colorado Springs 11	2
Denver County 1	11
Greeley 6	10
Harrison 2	2
Jefferson County R-1	16
Mesa County Valley 51	1
Northglenn-Thornton 12	15
Summit Re-1	1
Abacus In-Home Tutoring, Inc.	25
Adams County 14	4
Adams-Arapahoe 28J	6
Cherry Creek 5	6
Colorado Springs 11	2
Northglenn-Thornton 12	7

Provider/District	Students (N)
Academic Coaching	147
Adams County 14	16
Adams-Arapahoe 28J	34
Boulder Valley Re 2	27
Cherry Creek 5	9
Denver County 1	21
Jefferson County R-1	9
Northglenn-Thornton 12	29
Westminster 50	2
Advanced Brain Gym Plus	77
Adams-Arapahoe 28J	16
Denver County 1	4
Jefferson County R-1	5
St Vrain Valley Re 1J	52
Adventures in Learning K-12	82
Adams County 14	1
Adams-Arapahoe 28J	5
Cherry Creek 5	12
Colorado Springs 11	31
Denver County 1	2
Gunnison Watershed Re1J	20
Harrison 2	5
Jefferson County R-1	2
Thompson R-2J	4
Applied Scholastics International	34
Adams-Arapahoe 28J	20
Denver County 1	4
Jefferson County R-1	10
ATS Project Success	84
Adams County 14	17
Adams-Arapahoe 28J	16
Boulder Valley Re 2	2
Cherry Creek 5	1
Colorado Springs 11	8
Denver County 1	15
Greeley 6	21
Northglenn-Thornton 12	4
Bennie E. Goodwin After School Academic Program	23
Adams-Arapahoe 28J	23
BOSSreaders	50
Denver County 1	47
Jefferson County R-1	3

Provider/District	Students (N)
Center for Hearing, Speech and Language	285
Westminster 50	285
Club Z	540
Adams County 14	12
Adams-Arapahoe 28J	98
Cherry Creek 5	21
Colorado Springs 11	6
Denver County 1	342
Jefferson County R-1	37
Northglenn-Thornton 12	23
Westminster 50	1
Colorado School for the Deaf and the Blind	29
Colorado School for the Deaf and the Blind	29
Department of Extended Learning	164
Denver County 1	164
Dreamcatcher Direct Instruction	528
Adams County 14	32
Adams-Arapahoe 28J	60
Boulder Valley Re 2	26
Cherry Creek 5	41
Colorado Springs 11	4
Del Norte C-7	5
Denver County 1	36
Florence Re-2	2
Greeley 6	74
Platte Valley Re-7	3
St Vrain Valley Re 1J	141
Summit Re-1	9
Thompson R-2J	23
Trinidad 1	21
Westminster 50	51
Educate-Online / Catapult Online	82
Adams County 14	10
Adams-Arapahoe 28J	15
Denver County 1	44
Jefferson County R-1	13

Provider/District	Students (N)
EDUSS Learning	798
Adams County 14	16
Adams-Arapahoe 28J	152
Cherry Creek 5	90
Colorado Springs 11	14
Delta County 50(J)	21
Denver County 1	329
Greeley 6	37
Jefferson County R-1	139
Eduwizards, Inc.	1
Denver County 1	1
eXL Learning, LLC	117
Adams-Arapahoe 28J	25
Cherry Creek 5	9
Denver County 1	83
GEO Foundation Educational Services	95
Denver County 1	95
Global Partnership Schools, Inc.	68
Adams-Arapahoe 28J	14
Denver County 1	12
Greeley 6	34
Westminster 50	8
Imagine Learning	942
Denver County 1	942
Innovadia	20
Denver County 1	20
Inspired Solutions	113
Adams County 14	12
Greeley 6	66
Keenesburg Re-3(J)	35
John Corcoran Foundation	359
Adams-Arapahoe 28J	14
Denver County 1	290
Greeley 6	37
Jefferson County R-1	8
Northglenn-Thornton 12	10
L.I.F.E. Centered Training Corporation, Inc.	19
Adams-Arapahoe 28J	3
Colorado Springs 11	3
Greeley 6	7
Harrison 2	3
Montrose County Re-1J	3

Provider/District	Students (N)
Learn It Systems	228
Adams County 14	35
Adams-Arapahoe 28J	7
Cherry Creek 5	17
Denver County 1	36
Greeley 6	92
Jefferson County R-1	17
Westminster 50	24
Lutheran Family Services of Colorado	5
Denver County 1	5
Mapleton Public Schools	36
Mapleton 1	36
Mathnasium	9
Cherry Creek 5	3
Northglenn-Thornton 12	6
Mesa School District 51	313
Mesa County Valley 51	313
Mobile Minds Tutoring	73
Adams County 14	2
Adams-Arapahoe 28J	7
Cherry Creek 5	20
Jefferson County R-1	5
Mapleton 1	5
Northglenn-Thornton 12	17
Sheridan 2	5
Westminster 50	12
Montrose County School District RE-1J	117
Montrose County Re-1J	117
Orion's Mind	265
Denver County 1	265
Reading and Math Success (RaMS)	433
Adams-Arapahoe 28J	433
Results Learning LLC.	332
Adams-Arapahoe 28J	10
Cherry Creek 5	96
Denver County 1	204
Jefferson County R-1	12
Westminster 50	10

Provider/District	Students (N)
Right On Learning	176
Adams County 14	16
Adams-Arapahoe 28J	90
Cherry Creek 5	2
Denver County 1	2
Greeley 6	14
Jefferson County R-1	39
Northglenn-Thornton 12	5
Platte Valley Re-7	4
St Vrain Valley Re 1J	4
Riverside Educational Center	35
Mesa County Valley 51	35
Sheridan School District	216
Sheridan 2	216
Step to Success Community Learning Center	205
Adams-Arapahoe 28J	205
Summer Scholars	219
Denver County 1	219
Summit Learning Services	131
Adams County 14	2
Adams-Arapahoe 28J	22
Denver County 1	25
Jefferson County R-1	10
Northglenn-Thornton 12	71
Westminster 50	1
Sylvan Learning Center	544
Adams County 14	22
Adams-Arapahoe 28J	145
Cherry Creek 5	47
Denver County 1	219
Jefferson County R-1	33
Northglenn-Thornton 12	74
Westminster 50	4
The HillSprings Learning Center	13
Colorado Springs 11	13
The Tutors and Virtual Campus, Inc.	5
Greeley 6	5
The Way Out Tutoring	12
Adams-Arapahoe 28J	10
Denver County 1	2

Provider/District	Students (N)
Tree of Knowledge	51
Adams-Arapahoe 28J	7
Boulder Valley Re 2	3
Denver County 1	4
Greeley 6	28
Jefferson County R-1	7
Thompson R-2J	2
Tutorial Services	35
Adams County 14	11
Adams-Arapahoe 28J	13
Denver County 1	11
Tutoring Club of Westminster	67
Northglenn-Thornton 12	66
Westminster 50	1
University of Denver Bridge Project	40
Denver County 1	40
Weld RE-8 School District	89
Weld County S/D Re-8	89

Table B-2. Number of SES Students by District by Provider

District/Provider	Students (N)
ADAMS COUNTY 14	224
1st Advantage Tutoring	7
A to Z In-Home Tutoring	2
A+ Learning Solutions	7
Abacus In-Home Tutoring, Inc.	4
Academic Coaching	16
Adventures in Learning K-12	1
ATS Project Success	17
Club Z	12
Dreamcatcher Direct Instruction	32
Educate-Online / Catapult Online	10
EDUSS Learning	16
Inspired Solutions	12
Learn It Systems	35
Mobile Minds Tutoring	2
Right On Learning	16
Summit Learning Services	2
Sylvan Learning Center	22
Tutorial Services	11
ADAMS-ARAPAHOE 28J	1,600
1st Advantage Tutoring	29
A to Z In-Home Tutoring	43
A+ In Home Tutoring, Inc.	9
A+ Learning Solutions	69
Abacus In-Home Tutoring, Inc.	6
Academic Coaching	34
Advanced Brain Gym Plus	16
Adventures in Learning K-12	5
Applied Scholastics International	20
ATS Project Success	16
Bennie E. Goodwin After School Academic Program	23
Club Z	98
Dreamcatcher Direct Instruction	60
Educate-Online / Catapult Online	15
EDUSS Learning	152
eXL Learning, LLC	25
Global Partnership Schools, Inc.	14
John Corcoran Foundation	14
L.I.F.E. Centered Training Corporation, Inc.	3
Learn It Systems	7
Mobile Minds Tutoring	7
Reading and Math Success (RaMS)	433
Results Learning LLC.	10
Right On Learning	90
Step to Success Community Learning Center	205
Summit Learning Services	22
Sylvan Learning Center	145
The Way Out Tutoring	10
Tree of Knowledge	7
Tutorial Services	13

District/Provider	Students (N)
BOULDER VALLEY RE 2	78
A to Z In-Home Tutoring	20
Academic Coaching	27
ATS Project Success	2
Dreamcatcher Direct Instruction	26
Tree of Knowledge	3
CHERRY CREEK 5	450
1st Advantage Tutoring	4
A to Z In-Home Tutoring	23
A+ Learning Solutions	49
Abacus In-Home Tutoring, Inc.	6
Academic Coaching	9
Adventures in Learning K-12	12
ATS Project Success	1
Club Z	21
Dreamcatcher Direct Instruction	41
EDUSS Learning	90
eXL Learning, LLC	9
Learn It Systems	17
Mathnasium	3
Mobile Minds Tutoring	20
Results Learning LLC.	96
Right On Learning	2
Sylvan Learning Center	47
COLORADO SCHOOL FOR THE DEAF AND THE BLIND	29
Colorado School for the Deaf and the Blind	29
COLORADO SPRINGS 11	84
A to Z In-Home Tutoring	1
A+ Learning Solutions	2
Abacus In-Home Tutoring, Inc.	2
Adventures in Learning K-12	31
ATS Project Success	8
Club Z	6
Dreamcatcher Direct Instruction	4
EDUSS Learning	14
L.I.F.E. Centered Training Corporation, Inc.	3
The HillSprings Learning Center	13
DEL NORTE C-7	5
Dreamcatcher Direct Instruction	5
DELTA COUNTY 50(J)	21
EDUSS Learning	21

District/Provider	Students (N)
DENVER COUNTY 1	3,655
1st Advantage Tutoring	89
A to Z In-Home Tutoring	56
A+ In Home Tutoring, Inc.	16
A+ Learning Solutions	11
Academic Coaching	21
Advanced Brain Gym Plus	4
Adventures in Learning K-12	2
Applied Scholastics International	4
ATS Project Success	15
BOSSreaders	47
Club Z	342
Department of Extended Learning	164
Dreamcatcher Direct Instruction	36
Educate-Online / Catapult Online	44
EDUSS Learning	329
Eduwizards, Inc.	1
eXL Learning, LLC	83
GEO Foundation Educational Services	95
Global Partnership Schools, Inc.	12
Imagine Learning	942
Innovadia	20
John Corcoran Foundation	290
Learn It Systems	36
Lutheran Family Services of Colorado	5
Orion's Mind	265
Results Learning LLC.	204
Right On Learning	2
Summer Scholars	219
Summit Learning Services	25
Sylvan Learning Center	219
The Way Out Tutoring	2
Tree of Knowledge	4
Tutorial Services	11
University of Denver Bridge Project	40
FLORENCE RE-2	2
Dreamcatcher Direct Instruction	2
GREELEY 6	442
A to Z In-Home Tutoring	17
A+ Learning Solutions	10
ATS Project Success	21
Dreamcatcher Direct Instruction	74
EDUSS Learning	37
Global Partnership Schools, Inc.	34
Inspired Solutions	66
John Corcoran Foundation	37
L.I.F.E. Centered Training Corporation, Inc.	7
Learn It Systems	92
Right On Learning	14
The Tutors and Virtual Campus, Inc.	5
Tree of Knowledge	28

District/Provider	Students (N)
GUNNISON WATERSHED RE1J	20
Adventures in Learning K-12	20
HARRISON 2	16
A to Z In-Home Tutoring	6
A+ Learning Solutions	2
Adventures in Learning K-12	5
L.I.F.E. Centered Training Corporation, Inc.	3
JEFFERSON COUNTY R-1	448
1st Advantage Tutoring	48
A to Z In-Home Tutoring	35
A+ Learning Solutions	16
Academic Coaching	9
Advanced Brain Gym Plus	5
Adventures in Learning K-12	2
Applied Scholastics International	10
BOSSreaders	3
Club Z	37
Educate-Online / Catapult Online	13
EDUSS Learning	139
John Corcoran Foundation	8
Learn It Systems	17
Mobile Minds Tutoring	5
Results Learning LLC.	12
Right On Learning	39
Summit Learning Services	10
Sylvan Learning Center	33
Tree of Knowledge	7
KEENESBURG RE-3(J)	35
Inspired Solutions	35
MAPLETON 1	41
Mapleton Public Schools	36
Mobile Minds Tutoring	5
MESA COUNTY VALLEY 51	349
A+ Learning Solutions	1
Mesa School District 51	313
Riverside Educational Center	35
MONTROSE COUNTY RE-1J	120
L.I.F.E. Centered Training Corporation, Inc.	3
Montrose County School District RE-1J	117
NORTHGLENN-THORNTON 12	364
A to Z In-Home Tutoring	37
A+ Learning Solutions	15
Abacus In-Home Tutoring, Inc.	7
Academic Coaching	29
ATS Project Success	4
Club Z	23
John Corcoran Foundation	10
Mathnasium	6
Mobile Minds Tutoring	17
Right On Learning	5
Summit Learning Services	71
Sylvan Learning Center	74
Tutoring Club of Westminster	66

District/Provider	Students (N)
PLATTE VALLEY RE-7	7
Dreamcatcher Direct Instruction	3
Right On Learning	4
SHERIDAN 2	221
Mobile Minds Tutoring	5
Sheridan School District	216
ST VRAIN VALLEY RE 1J	201
A to Z In-Home Tutoring	4
Advanced Brain Gym Plus	52
Dreamcatcher Direct Instruction	141
Right On Learning	4
SUMMIT RE-1	10
A+ Learning Solutions	1
Dreamcatcher Direct Instruction	9
THOMPSON R-2J	32
A to Z In-Home Tutoring	3
Adventures in Learning K-12	4
Dreamcatcher Direct Instruction	23
Tree of Knowledge	2
TRINIDAD 1	21
Dreamcatcher Direct Instruction	21
WELD COUNTY S/D RE-8	89
Weld RE-8 School District	89
WESTMINSTER 50	414
1st Advantage Tutoring	9
A to Z In-Home Tutoring	6
Academic Coaching	2
Center for Hearing, Speech and Language	285
Club Z	1
Dreamcatcher Direct Instruction	51
Global Partnership Schools, Inc.	8
Learn It Systems	24
Mobile Minds Tutoring	12
Results Learning LLC.	10
Summit Learning Services	1
Sylvan Learning Center	4
Tutoring Club of Westminster	1

Appendix C: Approved Providers Selected by Parents to Provide Services in 2011-2012³⁶

Provider	Reading		Math	
	Approved Provider for 2011-2012	Selected to Provide Services	Approved Provider for 2011-2012	Selected to Provide Services
1st Advantage Tutoring	Yes	Yes	Yes	Yes
A to Z In-Home Tutoring	Yes	Yes	Yes	Yes
A+ In Home Tutoring, Inc.	Yes	Yes	Yes	Yes
A+ Learning Solutions	Yes	Yes	Yes	Yes
A+ Scholarship Tutoring	Yes	No	Yes	No
Abacus In-Home Tutoring, Inc.	Yes	Yes	Yes	Yes
ABC Phonetic Reading School, Inc.	Yes	No	--	--
Academic Coaching	Yes	Yes	Yes	Yes
Achieve High Points	--	--	Yes	No
Advanced Brain Gym Plus	Yes	Yes	Yes	No
Adventures in Learning K-12	Yes	Yes	Yes	Yes
Ala Carte Learning Associates	Yes	No	Yes	No
Applied Scholastics International	Yes	Yes	Yes	Yes
ATS Project Success	Yes	Yes	Yes	Yes
Bennie E. Goodwin After School Academic Program	Yes	Yes	Yes	No
BOSSreaders	Yes	Yes	--	--
Boulder Valley School District	Yes	No	Yes	No
Brainfuse One-to-One Online	Yes	No	Yes	No
Bridges of Silence	Yes	No	Yes	No
Byrnes ELC, LLC	Yes	No	Yes	No
Catapult Learning	Yes	No	Yes	No
Center for Hearing, Speech and Language	Yes	Yes	--	--
Chancellor Supplemental Educational Services, LLC	Yes	No	Yes	No
Club Z	Yes	Yes	Yes	Yes
Colorado School for the Deaf and the Blind	Yes	Yes	Yes	Yes
Department of Extended Learning	Yes	Yes	Yes	Yes
Dreamcatcher Direct Instruction	Yes	Yes	Yes	Yes
Educate-Online / Catapult Online	Yes	Yes	Yes	Yes
Education Advantage!, LLC	Yes	No	Yes	No
EDUSS Learning	Yes	Yes	Yes	Yes
Eduwizards, Inc.	Yes	No	Yes	Yes
eXL Learning, LLC	Yes	Yes	Yes	Yes
GEO Foundation Educational Services	Yes	No	Yes	Yes
Global Partnership Schools, Inc.	Yes	Yes	Yes	Yes
Huntington Learning Centers, Inc.	Yes	No	Yes	No

³⁶ Providers were marked as providing services if they served at least one *eligible* student.

Imagine Learning	Yes	Yes	--	--
Innovadia	Yes	Yes	Yes	Yes
Inspired Solutions	Yes	Yes	Yes	Yes
John Corcoran Foundation	Yes	Yes	Yes	Yes
Keep Hope Alive Projects	Yes	No	Yes	No
KIDQUEST/Englewood Schools	Yes	No	Yes	No
L.I.F.E. Centered Training Corporation, Inc.	Yes	Yes	Yes	Yes
Learn It Systems	Yes	Yes	Yes	Yes
Lutheran Family Services of Colorado	Yes	Yes	Yes	Yes
Mapleton Public Schools	Yes	Yes	Yes	Yes
Mathnasium	--	--	Yes	Yes
Mesa School District 51	Yes	Yes	Yes	Yes
Mobile Minds Tutoring	Yes	Yes	Yes	Yes
Montrose County School District RE-1J	Yes	Yes	Yes	Yes
My Success! Tutoring	Yes	No	Yes	No
Orion's Mind	Yes	Yes	Yes	Yes
READ, READ, READ LLC	Yes	No	--	--
Reading and Math Success (RaMS)	Yes	Yes	Yes	Yes
Results Learning LLC.	Yes	Yes	--	--
Right On Learning	Yes	Yes	Yes	Yes
Riverside Educational Center	Yes	Yes	Yes	Yes
Santa Fe Trail BOCES	Yes	No	Yes	No
Sheridan School District	Yes	Yes	Yes	Yes
SmartKids Academy, LLC	Yes	No	Yes	No
Step to Success Community Learning Center	Yes	Yes	Yes	No
Summer Scholars	Yes	Yes	Yes	Yes
Summit Learning Services	Yes	Yes	Yes	Yes
Sylvan Learning Center	Yes	Yes	Yes	Yes
TCY Learning Solutions	--	--	Yes	No
The HillSprings Learning Center	Yes	Yes	Yes	Yes
The Tutors and Virtual Campus, Inc.	Yes	Yes	Yes	Yes
The Way Out Tutoring	Yes	Yes	Yes	Yes
Tree of Knowledge	Yes	Yes	Yes	Yes
Tu Tambien Puedes Tutoring	Yes	No	--	--
Tutorial Services	Yes	Yes	Yes	Yes
Tutoring Club of Westminster	Yes	Yes	Yes	Yes
University of Denver Bridge Project	Yes	Yes	--	--
Weld RE-8 School District	Yes	Yes	Yes	Yes
Youth Foundation Power Hours	Yes	No	--	--

Appendix D: Services Rendered Provider Tables

 Table D-1. Students Served by Provider: Summary of Service Hours and Costs³⁷

Vendor	Students Served (N)	Summary of Service Hours						Summary of Service Costs		
		Min Approved Contract Hours	Mean Hours per Student	Median Hours per Student	Students Completing ALL Contracted Hours		Total Hours of Tutoring	Mean Cost per Hour	Mean Cost per Student	Total Cost
					N	%				
1st Advantage Tutoring	186	25.00	20.05	21.00	63	33.87	3,730.00	\$60.00	\$1,203.23	\$223,800.00
A to Z In-Home Tutoring	253	18.00	19.09	18.75	46	18.18	4,828.75	\$54.17	\$1,034.58	\$261,747.69
A+ In Home Tutoring, Inc.	25	24.00	15.94	19.50	3	12.00	398.50	\$64.24	\$1,020.41	\$25,510.30
A+ Learning Solutions	183	15.00	15.60	16.25	49	26.78	2,854.00	\$64.10	\$999.25	\$182,862.22
Abacus In-Home Tutoring, Inc.	25	18.00	15.67	16.00	9	36.00	391.75	\$64.13	\$1,003.56	\$25,089.08
Academic Coaching	147	20.00	19.01	20.00	54	36.73	2,794.25	\$50.31	\$953.67	\$140,189.76
Advanced Brain Gym Plus	77	15.00	14.62	15.00	54	70.13	1,126.00	\$66.22	\$972.75	\$74,901.50
Adventures in Learning K-12	82	30.00	18.89	20.00	17	20.73	1,549.00	\$42.19	\$799.05	\$65,522.36
Applied Scholastics International	34	30.00	29.24	30.00	24	70.59	994.25	\$45.00	\$1,315.92	\$44,741.25
ATS Project Success	84	20.00	19.76	20.25	60	71.43	1,660.00	\$55.00	\$1,094.01	\$91,897.18
Bennie E. Goodwin After School Academic Program	23	45.00	53.13	57.00	17	73.91	1,222.00	\$19.31	\$1,025.95	\$23,596.82
BOSReaders	50	30.00	20.53	26.25	17	34.00	1,026.25	\$45.00	\$923.63	\$46,181.25
Center for Hearing, Speech and Language	285	60.00	47.78	54.00	48	16.84	13,618.50	\$28.20	\$1,347.51	\$384,041.70
Club Z	540	16.00	24.67	24.00	287	53.15	13,320.75	\$52.30	\$1,247.62	\$673,713.96
Colorado School for the Deaf and the Blind	29	15.00	12.10	10.00	10	34.48	351.00	\$25.00	\$302.59	\$8,775.00
Department of Extended Learning	164	64.00	42.61	43.63	24	14.63	6,988.75	\$22.00	\$937.52	\$153,752.50
Dreamcatcher Direct Instruction	528	30.00	23.66	26.88	109	20.64	12,494.25	\$39.03	\$930.92	\$491,527.39
Educate-Online / Catapult Online	82	24.00	20.11	24.00	59	71.95	1,649.25	\$60.53	\$1,217.04	\$99,797.28
EDUSS Learning	798	20.00	18.80	20.00	653	81.83	15,003.50	\$66.45	\$1,239.76	\$989,327.88
Eduwizards, Inc.	1	28.00	34.00	34.00	1	100.00	34.00	\$60.00	\$2,040.00	\$2,040.00
eXL Learning, LLC	117	26.00	21.64	24.00	33	28.21	2,531.50	\$54.23	\$1,172.16	\$137,142.50
GEO Foundation Educational Services	95	26.00	28.30	31.50	78	82.11	2,688.75	\$50.00	\$1,415.13	\$134,437.50
Global Partnership Schools, Inc.	68	21.00	18.75	18.00	15	22.06	1,275.00	\$59.96	\$1,124.10	\$76,439.00
Imagine Learning	942	25.00	22.14	26.00	551	58.49	20,860.25	\$60.00	\$1,328.68	\$1,251,615.00
Innovadia	20	20.00	26.33	26.25	20	100.00	526.50	\$60.00	\$1,579.50	\$31,590.00
Inspired Solutions	113	17.00	16.96	18.00	24	21.24	1,917.00	\$45.10	\$769.96	\$87,005.73
John Corcoran Foundation	359	20.00	27.34	25.00	292	81.34	9,813.75	\$50.45	\$1,305.40	\$468,637.40
L.I.F.E. Centered Training Corporation, Inc.	19	30.00	32.24	30.00	7	36.84	612.50	\$35.41	\$1,156.35	\$21,970.73
Learn It Systems	228	20.00	20.64	22.50	140	61.40	4,707.00	\$45.65	\$966.94	\$220,462.83
Lutheran Family Services of Colorado	5	60.00	50.70	51.00	0	0.00	253.50	\$25.00	\$1,267.50	\$6,337.50

³⁷ Includes all provider contracts with *eligible* students.

Mapleton Public Schools	36	70.00	29.61	20.00	0	0.00	1,066.00	\$32.10	\$950.52	\$34,218.60
Mathnasium	9	30.00	16.00	13.00	1	11.11	144.00	\$33.33	\$521.11	\$4,690.00
Mesa School District 51	313	60.00	48.33	53.00	18	5.75	15,127.50	\$16.90	\$816.79	\$255,654.75
Mobile Minds Tutoring	73	24.00	20.25	24.00	48	65.75	1,478.25	\$60.15	\$1,219.89	\$89,052.08
Montrose County School District RE-IJ	117	32.00	19.55	23.00	14	11.97	2,287.00	\$60.83	\$1,189.04	\$139,118.21
Orion's Mind	265	40.00	31.53	36.00	73	27.55	8,355.25	\$55.00	\$1,734.11	\$459,538.75
Reading and Math Success (RaMS)	433	40.00	29.40	32.00	5	1.15	12,730.75	\$34.93	\$1,026.99	\$444,685.10
Results Learning LLC.	332	24.00	24.08	27.00	67	20.18	7,994.50	\$46.98	\$1,140.56	\$378,666.63
Right On Learning	176	25.00	24.68	25.00	159	90.34	4,344.00	\$49.31	\$1,216.14	\$214,040.62
Riverside Educational Center	35	36.00	29.41	31.00	0	0.00	1,029.25	\$32.00	\$941.03	\$32,936.00
Sheridan School District	216	31.50	24.44	26.00	4	1.85	5,278.00	\$35.78	\$874.40	\$188,871.28
Step to Success Community Learning Center	205	18.00	31.90	36.00	102	49.76	6,540.50	\$39.05	\$1,169.37	\$239,720.93
Summer Scholars	219	51.00	52.75	61.00	134	61.19	11,552.00	\$30.48	\$1,607.79	\$352,104.96
Summit Learning Services	131	20.00	23.59	22.50	59	45.04	3,090.25	\$47.49	\$1,123.24	\$147,145.00
Sylvan Learning Center	544	24.00	26.46	30.00	436	80.15	14,395.00	\$42.42	\$1,116.24	\$607,234.60
The HillSprings Learning Center	13	30.00	26.23	27.00	3	23.08	341.00	\$39.30	\$1,031.61	\$13,410.88
The Tutors and Virtual Campus, Inc.	5	20.00	17.25	20.25	3	60.00	86.25	\$45.00	\$776.25	\$3,881.25
The Way Out Tutoring	12	25.00	24.17	25.25	10	83.33	290.00	\$55.00	\$1,329.17	\$15,950.00
Tree of Knowledge	51	13.00	13.32	13.75	31	60.78	679.50	\$65.00	\$866.03	\$44,167.50
Tutorial Services	35	36.00	24.69	24.50	0	0.00	864.00	\$53.89	\$1,329.47	\$46,531.51
Tutoring Club of Westminster	67	32.00	25.46	29.50	2	2.99	1,705.50	\$36.00	\$916.39	\$61,398.00
University of Denver Bridge Project	40	50.00	41.91	48.50	19	47.50	1,676.25	\$30.00	\$1,257.19	\$50,287.50
Weld RE-8 School District	89	90.00	45.28	37.50	0	0.00	4,029.50	\$8.07	\$367.83	\$32,736.44
Total	8,978	13.00	26.32	25.00	3,952	44.02	236,304.75	\$47.58	\$1,147.33	\$10,300,693.89

Table D-2. Number of SES Students Who Received Tutoring Services, Median Number of Tutoring Sessions per Student, and Median Number of Tutoring Hours by Students by Provider (07-08 to 11-12)³⁸

Provider	Total Number of Students					Median Number of Sessions per Student					Median Number of Hours per Student				
	07-08	08-09	09-10	10-11	11-12	07-08	08-09	09-10	10-11	11-12	07-08	08-09	09-10	10-11	11-12
1st Advantage Tutoring	--	--	75	210	186	--	--	18	14	13	--	--	18.00	25.00	21.00
A to Z In-Home Tutoring	38	103	172	233	253	15	16	15	16	18	24.50	25.00	21.25	22.50	18.75
A+ In Home Tutoring, Inc.	--	--	--	--	25	--	--	--	--	14	--	--	--	--	19.50
A+ Learning Solutions	--	--	90	148	183	--	--	14	15	13	--	--	18.00	21.50	16.25
Abacus In-Home Tutoring, Inc.	--	--	--	--	25	--	--	--	--	15	--	--	--	--	16.00
ABC Phonetic Reading School	--	--	--	23	--	--	--	--	13	--	--	--	--	18.00	--
Academic Coaching	--	--	--	60	147	--	--	--	24	20	--	--	--	24.63	20.00
Accelerated Schools	12	5	--	--	--	8.5	17	--	--	--	15.25	29.00	--	--	--
Advanced Brain Gym Plus	--	--	42	31	77	--	--	19	13	10	--	--	24.00	22.75	15.00
Advantage Tutoring Services	381	198	--	--	--	23	25	--	--	--	23.00	25.00	--	--	--
Adventures in Learning K-12	16	7	--	108	82	16	5	--	16	17	20.00	6.00	--	20.00	20.00
Applied Scholastics International	--	12	25	47	34	--	38	19	23	20	--	51.38	26.50	34.50	30.00
ATS Project Success	--	--	--	40	84	--	--	--	26	22	--	--	--	21.88	20.25
Babbage Net Schools, Inc.	--	--	23	--	--	--	--	39	--	--	--	--	31.25	--	--
Bennie E. Goodwin After School Academic Program	--	24	9	--	23	--	33	36	--	26	--	54.00	76.50	--	57.00
BOSSreaders	--	--	--	--	50	--	--	--	--	21	--	--	--	--	26.25
Boulder Valley School District RE-2	--	--	128	--	--	--	--	18	--	--	--	--	18.00	--	--
Brainfuse One-to-One Instruction	61	4	--	3	--	16	22.5	--	16	--	17.00	21.50	--	21.00	--
Center for Hearing, Speech and Language	135	121	225	316	285	39	41	40	31	36	66.50	67.50	57.50	46.50	54.00
Chancellor Supplemental Educational Services, LLC	141	151	216	15	--	23	24	25	24	--	29.50	33.00	34.50	36.00	--
Club Z	517	972	939	543	540	17	22	16	23	21	21.25	24.00	21.00	27.00	24.00
Colorado School for the Deaf and the Blind	--	--	--	--	29	--	--	--	--	20	--	--	--	--	10.00
Department of Extended Learning	109	129	200	212	164	58	36	71	43	39	58.00	47.00	93.13	59.50	43.63
Dreamcatcher Direct Instruction	--	11	62	572	528	--	20	29.5	23	23	--	22.00	23.00	23.63	26.88
Educate-Online / Catapult Online	23	6	37	144	82	16	19	21	22	21.5	17.00	22.00	24.00	24.00	24.00
Education Station	944	--	--	--	--	27	--	--	--	--	27.25	--	--	--	--
EDUSS Learning	--	--	97	416	798	--	--	9	14	13	--	--	16.00	20.00	20.00
Eduwizards, Inc.	--	--	--	--	1	--	--	--	--	33	--	--	--	--	34.00
eXL Learning, LLC	--	--	--	--	117	--	--	--	--	22	--	--	--	--	24.00
Faan Tone Liu	--	2	2	--	--	--	19.5	33	--	--	--	12.00	16.88	--	--
Florida Educational Leadership Council	--	--	201	--	--	--	--	16	--	--	--	--	9.00	--	--
GEO Foundation Educational Services	126	203	235	149	95	22	22	22	20	21	27.00	28.50	28.50	30.00	31.50
GOALS, Inc.	47	39	95	--	--	9	9	11	--	--	8.00	11.00	12.00	--	--
Global Partnership Schools, Inc.	--	--	--	31	68	--	--	--	19	12	--	--	--	28.00	18.00
Imagine Learning	--	--	206	285	942	--	--	26	21	21	--	--	25.50	25.00	26.00

³⁸ Total students served in 07-08 and 08-09 represent unduplicated student counts, while total students served in later years represent duplicated counts.

Innovadia	--	--	1	2	20	--	--	17	13	17.5	--	--	17.00	21.75	26.25
Inspired Solutions	--	--	8	218	113	--	--	14.5	24	18	--	--	16.88	24.00	18.00
John Corcoran Foundation	264	256	358	524	359	34	38	13	23	24	54.00	46.25	20.88	26.00	25.00
L.I.F.E. Centered Training Corporation, Inc.	--	--	--	33	19	--	--	--	34	20	--	--	--	42.50	30.00
Learn It Systems	--	474	408	165	228	--	27	23	25	16	--	27.00	23.00	26.00	22.50
Learning Connection LLC	6	--	--	--	--	21	--	--	--	--	30.50	--	--	--	--
Lutheran Family Services of Colorado	15	--	--	21	5	33	--	--	16	34	39.00	--	--	24.00	51.00
Mapleton Public Schools	--	--	84	--	36	--	--	53	--	20	--	--	49.00	--	20.00
Mapleton Public Schools - Summer Program	--	--	65	--	--	--	--	18	--	--	--	--	51.00	--	--
Mathnasium	--	--	--	--	9	--	--	--	--	13	--	--	--	--	13.00
Mesa School District 51	--	--	--	--	313	--	--	--	--	53	--	--	--	--	53.00
Mobile Minds Tutoring	--	--	--	--	73	--	--	--	--	14	--	--	--	--	24.00
Montrose County School District RE-1J	--	--	--	--	117	--	--	--	--	23	--	--	--	--	23.00
Northwest Coalition for Better Schools	--	--	106	27	--	--	--	11.5	26	--	--	--	11.50	38.00	--
Orion's Mind	--	--	--	--	265	--	--	--	--	26	--	--	--	--	36.00
Reach for Tomorrow, Inc.	--	--	--	13	--	--	--	--	21	--	--	--	--	21.00	--
Read, Read, Read	50	90	--	--	--	17	16	--	--	--	16.50	17.25	--	--	--
READ, READ, READ LLC	--	--	125	11	--	--	--	18	7	--	--	--	18.00	14.25	--
Reading and Math Success (RaMS)	--	--	308	462	433	--	--	13.5	26	28	--	--	12.50	29.50	32.00
Results Learning LLC.	20	70	232	475	332	19	20	22	28	27	17.50	18.50	21.50	27.00	27.00
Right On Learning	--	--	--	--	176	--	--	--	--	13	--	--	--	--	25.00
Riverside Educational Center	--	--	--	3	35	--	--	--	25	31	--	--	--	25.00	31.00
Santa Fe Trail BOCES	25	22	22	--	--	26	27	23.5	--	--	26.00	25.50	28.25	--	--
School Technology Extensions	--	--	--	84	--	--	--	--	14	--	--	--	--	21.25	--
Sheridan School District	--	--	115	205	216	--	--	19	27	21	--	--	27.00	28.00	26.00
SmartKids Academy	--	--	136	95	--	--	--	13	22	--	--	--	17.50	25.00	--
Step to Success Community Learning Center	129	207	281	370	205	23	22	19	19	18	40.00	40.00	36.00	20.00	36.00
Summer Scholars	361	338	1,195	564	219	46	42.5	33	23	40	80.00	78.00	64.00	46.00	61.00
Summit Learning Services	--	--	--	139	131	--	--	--	17	15	--	--	--	26.00	22.50
Sylvan Learning Center	--	73	388	740	544	--	20	20	21	20	--	30.00	24.00	30.00	30.00
The HillSprings Learning Center	--	--	--	4	13	--	--	--	20.5	27	--	--	--	33.00	27.00
The Pinon Project	9	17	--	--	--	25	44	--	--	--	48.00	74.00	--	--	--
The Tutors and Virtual Campus, Inc.	--	--	--	--	5	--	--	--	--	20	--	--	--	--	20.25
The Way Out Tutoring	--	--	--	--	12	--	--	--	--	17	--	--	--	--	25.25
The Youth Foundation Power Hours	--	--	--	63	--	--	--	--	66	--	--	--	--	66.00	--
Tree of Knowledge	--	--	57	81	51	--	--	15	14	13	--	--	18.25	17.50	13.75
Tu Tambien Puedes Tutoring	--	48	21	--	--	--	24	27	--	--	--	27.50	21.25	--	--
Tutor Train	379	1,224	1,120	--	--	33	31	30	--	--	29.00	28.50	25.00	--	--
Tutorial Services	--	--	11	48	35	--	--	23	23	23	--	--	24.50	27.75	24.50
Tutoring Club of Westminster	--	--	--	--	67	--	--	--	--	27	--	--	--	--	29.50
University of Denver Bridge Project	56	52	64	42	40	26	26.5	21.5	24	23.5	49.25	50.00	27.50	50.00	48.50
Weld RE-8 School District	--	--	--	39	89	--	--	--	32	25	--	--	--	48.00	37.50
Whiz Kids	5	--	--	--	--	13	--	--	--	--	12.00	--	--	--	--
Total Students	3,869	4,858	8,184	8,014	8,978	"--" indicates that no students were contracted by the provider in that year									
Number of Providers	25	28	41	45	53										
Mean Number of Students per Provider	154.76	173.50	199.61	178.09	169.40										

Table D-3. Location of Tutoring Services Provided to SES Students³⁹

Provider	School		Home		Community Center		Multiple Sites		Other		Total Students (N)
	N	%	N	%	N	%	N	%	N	%	
1st Advantage Tutoring	186	100.00	0	0.00	0	0.00	0	0.00	0	0.00	186
A to Z In-Home Tutoring	0	0.00	253	100.00	0	0.00	0	0.00	0	0.00	253
A+ In Home Tutoring, Inc.	0	0.00	25	100.00	0	0.00	0	0.00	0	0.00	25
A+ Learning Solutions	107	58.47	69	37.70	0	0.00	7	3.83	0	0.00	183
Abacus In-Home Tutoring, Inc.	0	0.00	25	100.00	0	0.00	0	0.00	0	0.00	25
Academic Coaching	36	24.49	108	73.47	0	0.00	0	0.00	3	2.04	147
Advanced Brain Gym Plus	77	100.00	0	0.00	0	0.00	0	0.00	0	0.00	77
Adventures in Learning K-12	0	0.00	82	100.00	0	0.00	0	0.00	0	0.00	82
Applied Scholastics International	22	64.71	11	32.35	1	2.94	0	0.00	0	0.00	34
ATS Project Success	0	0.00	84	100.00	0	0.00	0	0.00	0	0.00	84
Bennie E. Goodwin After School Academic Program	0	0.00	0	0.00	23	100.00	0	0.00	0	0.00	23
BOSSreaders	50	100.00	0	0.00	0	0.00	0	0.00	0	0.00	50
Center for Hearing, Speech and Language	285	100.00	0	0.00	0	0.00	0	0.00	0	0.00	285
Club Z	323	59.81	217	40.19	0	0.00	0	0.00	0	0.00	540
Colorado School for the Deaf and the Blind	29	100.00	0	0.00	0	0.00	0	0.00	0	0.00	29
Department of Extended Learning	164	100.00	0	0.00	0	0.00	0	0.00	0	0.00	164
Dreamcatcher Direct Instruction	481	91.10	18	3.41	11	2.08	0	0.00	18	3.41	528
Educate-Online / Catapult Online	0	0.00	82	100.00	0	0.00	0	0.00	0	0.00	82
EDUSS Learning	798	100.00	0	0.00	0	0.00	0	0.00	0	0.00	798
Eduwizards, Inc.	0	0.00	1	100.00	0	0.00	0	0.00	0	0.00	1
eXL Learning, LLC	116	99.15	0	0.00	0	0.00	0	0.00	1	0.85	117
GEO Foundation Educational Services	95	100.00	0	0.00	0	0.00	0	0.00	0	0.00	95
Global Partnership Schools, Inc.	61	89.71	0	0.00	6	8.82	1	1.47	0	0.00	68
Imagine Learning	942	100.00	0	0.00	0	0.00	0	0.00	0	0.00	942
Innovadia	0	0.00	0	0.00	0	0.00	0	0.00	20	100.00	20
Inspired Solutions	100	88.50	0	0.00	13	11.50	0	0.00	0	0.00	113
John Corcoran Foundation	121	33.70	238	66.30	0	0.00	0	0.00	0	0.00	359
L.I.F.E. Centered Training Corporation, Inc.	16	84.21	0	0.00	3	15.79	0	0.00	0	0.00	19
Learn It Systems	178	78.07	0	0.00	50	21.93	0	0.00	0	0.00	228
Lutheran Family Services of Colorado	4	80.00	0	0.00	1	20.00	0	0.00	0	0.00	5
Mapleton Public Schools	36	100.00	0	0.00	0	0.00	0	0.00	0	0.00	36
Mathnasium	0	0.00	0	0.00	0	0.00	0	0.00	9	100.00	9
Mesa School District 51	313	100.00	0	0.00	0	0.00	0	0.00	0	0.00	313
Mobile Minds Tutoring	29	39.73	32	43.84	9	12.33	0	0.00	3	4.11	73
Montrose County School District RE-1J	117	100.00	0	0.00	0	0.00	0	0.00	0	0.00	117
Orion's Mind	265	100.00	0	0.00	0	0.00	0	0.00	0	0.00	265
Reading and Math Success (RaMS)	433	100.00	0	0.00	0	0.00	0	0.00	0	0.00	433
Results Learning LLC.	308	92.77	24	7.23	0	0.00	0	0.00	0	0.00	332
Right On Learning	70	39.77	16	9.09	9	5.11	2	1.14	79	44.89	176
Riverside Educational Center	0	0.00	0	0.00	35	100.00	0	0.00	0	0.00	35
Sheridan School District	216	100.00	0	0.00	0	0.00	0	0.00	0	0.00	216
Step to Success Community Learning Center	164	80.00	41	20.00	0	0.00	0	0.00	0	0.00	205
Summer Scholars	219	100.00	0	0.00	0	0.00	0	0.00	0	0.00	219
Summit Learning Services	79	60.31	36	27.48	16	12.21	0	0.00	0	0.00	131
Sylvan Learning Center	383	70.40	0	0.00	72	13.24	0	0.00	89	16.36	544

³⁹ Includes all provider contracts with *eligible* students.

The HillSprings Learning Center	13	100.00	0	0.00	0	0.00	0	0.00	0	0.00	13
The Tutors and Virtual Campus, Inc.	0	0.00	0	0.00	0	0.00	3	60.00	2	40.00	5
The Way Out Tutoring	0	0.00	12	100.00	0	0.00	0	0.00	0	0.00	12
Tree of Knowledge	1	1.96	49	96.08	0	0.00	0	0.00	1	1.96	51
Tutorial Services	0	0.00	35	100.00	0	0.00	0	0.00	0	0.00	35
Tutoring Club of Westminster	0	0.00	0	0.00	0	0.00	0	0.00	67	100.00	67
University of Denver Bridge Project	0	0.00	0	0.00	40	100.00	0	0.00	0	0.00	40
Weld RE-8 School District	88	98.88	0	0.00	0	0.00	0	0.00	1	1.12	89
Total	6,925	77.13	1,458	16.24	289	3.22	13	0.14	293	3.26	8,978

Table D-4. Session Delivery Format of Tutoring Services Provided to SES Students⁴⁰

Provider	Individual		Groups less than 5		Groups 5 - 10		Groups more than 10		Online		Total Students (N)
	N	%	N	%	N	%	N	%	N	%	
1st Advantage Tutoring	0	0.00	186	100.00	0	0.00	0	0.00	0	0.00	186
A to Z In-Home Tutoring	253	100.00	0	0.00	0	0.00	0	0.00	0	0.00	253
A+ In Home Tutoring, Inc.	25	100.00	0	0.00	0	0.00	0	0.00	0	0.00	25
A+ Learning Solutions	77	42.08	106	57.92	0	0.00	0	0.00	0	0.00	183
Abacus In-Home Tutoring, Inc.	25	100.00	0	0.00	0	0.00	0	0.00	0	0.00	25
Academic Coaching	112	76.19	20	13.61	15	10.20	0	0.00	0	0.00	147
Advanced Brain Gym Plus	1	1.30	23	29.87	43	55.84	10	12.99	0	0.00	77
Adventures in Learning K-12	82	100.00	0	0.00	0	0.00	0	0.00	0	0.00	82
Applied Scholastics International	21	61.76	13	38.24	0	0.00	0	0.00	0	0.00	34
ATS Project Success	0	0.00	0	0.00	0	0.00	0	0.00	84	100.00	84
Bennie E. Goodwin After School Academic Program	0	0.00	0	0.00	23	100.00	0	0.00	0	0.00	23
BOSSreaders	0	0.00	3	6.00	47	94.00	0	0.00	0	0.00	50
Center for Hearing, Speech and Language	0	0.00	0	0.00	0	0.00	285	100.00	0	0.00	285
Club Z	217	40.19	47	8.70	276	51.11	0	0.00	0	0.00	540
Colorado School for the Deaf and the Blind	3	10.34	24	82.76	2	6.90	0	0.00	0	0.00	29
Department of Extended Learning	0	0.00	0	0.00	164	100.00	0	0.00	0	0.00	164
Dreamcatcher Direct Instruction	20	3.79	454	85.98	54	10.23	0	0.00	0	0.00	528
Educate-Online / Catapult Online	0	0.00	69	84.15	0	0.00	0	0.00	13	15.85	82
EDUSS Learning	0	0.00	0	0.00	797	99.87	1	0.13	0	0.00	798
Eduwizards, Inc.	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1
eXL Learning, LLC	0	0.00	1	0.85	116	99.15	0	0.00	0	0.00	117
GEO Foundation Educational Services	0	0.00	2	2.11	93	97.89	0	0.00	0	0.00	95
Global Partnership Schools, Inc.	0	0.00	2	2.94	66	97.06	0	0.00	0	0.00	68
Imagine Learning	942	100.00	0	0.00	0	0.00	0	0.00	0	0.00	942
Innovadia	0	0.00	0	0.00	0	0.00	0	0.00	20	100.00	20
Inspired Solutions	0	0.00	0	0.00	113	100.00	0	0.00	0	0.00	113
John Corcoran Foundation	0	0.00	0	0.00	120	33.43	0	0.00	239	66.57	359
L.I.F.E. Centered Training Corporation, Inc.	0	0.00	4	21.05	15	78.95	0	0.00	0	0.00	19
Learn It Systems	0	0.00	0	0.00	228	100.00	0	0.00	0	0.00	228
Lutheran Family Services of Colorado	0	0.00	5	100.00	0	0.00	0	0.00	0	0.00	5
Mapleton Public Schools	0	0.00	0	0.00	36	100.00	0	0.00	0	0.00	36
Mathnasium	9	100.00	0	0.00	0	0.00	0	0.00	0	0.00	9
Mesa School District 51	0	0.00	0	0.00	313	100.00	0	0.00	0	0.00	313
Mobile Minds Tutoring	15	20.55	31	42.47	27	36.99	0	0.00	0	0.00	73
Montrose County School District RE-1J	0	0.00	117	100.00	0	0.00	0	0.00	0	0.00	117
Orion's Mind	0	0.00	0	0.00	265	100.00	0	0.00	0	0.00	265
Reading and Math Success (RaMS)	0	0.00	0	0.00	433	100.00	0	0.00	0	0.00	433
Results Learning LLC.	24	7.23	276	83.13	32	9.64	0	0.00	0	0.00	332
Right On Learning	25	14.20	42	23.86	106	60.23	0	0.00	3	1.70	176
Riverside Educational Center	0	0.00	34	97.14	1	2.86	0	0.00	0	0.00	35
Sheridan School District	0	0.00	0	0.00	151	69.91	65	30.09	0	0.00	216
Step to Success Community Learning Center	0	0.00	164	80.00	0	0.00	0	0.00	41	20.00	205
Summer Scholars	0	0.00	0	0.00	219	100.00	0	0.00	0	0.00	219
Summit Learning Services	28	21.37	103	78.63	0	0.00	0	0.00	0	0.00	131
Sylvan Learning Center	79	14.52	168	30.88	297	54.60	0	0.00	0	0.00	544

⁴⁰ Includes all provider contracts with *eligible* students.

The HillSprings Learning Center	0	0.00	13	100.00	0	0.00	0	0.00	0	0.00	13
The Tutors and Virtual Campus, Inc.	2	40.00	0	0.00	0	0.00	0	0.00	3	60.00	5
The Way Out Tutoring	12	100.00	0	0.00	0	0.00	0	0.00	0	0.00	12
Tree of Knowledge	51	100.00	0	0.00	0	0.00	0	0.00	0	0.00	51
Tutorial Services	35	100.00	0	0.00	0	0.00	0	0.00	0	0.00	35
Tutoring Club of Westminster	2	2.99	65	97.01	0	0.00	0	0.00	0	0.00	67
University of Denver Bridge Project	0	0.00	0	0.00	40	100.00	0	0.00	0	0.00	40
Weld RE-8 School District	0	0.00	3	3.37	86	96.63	0	0.00	0	0.00	89
Total	2,061	22.96	1,975	22.00	4,178	46.54	361	4.02	403	4.49	8,978

Summer Scholars	DRA2	33	35.87	18	19.57	40	43.48	1	1.09	11	11.96	81	88.04
	TCAP - Reading	11	23.91	6	13.04	28	60.87	1	2.17	10	21.74	36	78.26
	TCAP - Math	7	58.33	2	16.67	2	16.67	1	8.33	2	16.67	10	83.33
Summit Learning Services	DRA2	5	33.33	3	20.00	7	46.67	0	0.00	2	13.33	13	86.67
	TCAP - Reading	14	53.85	4	15.38	6	23.08	2	7.69	4	15.38	22	84.62
	TCAP - Math	13	52.00	4	16.00	6	24.00	2	8.00	4	16.00	21	84.00
Sylvan Learning Center	DRA2	37	26.62	25	17.99	72	51.80	5	3.60	12	8.63	127	91.37
	TCAP - Reading	75	41.44	7	3.87	77	42.54	22	12.15	34	18.78	147	81.22
	TCAP - Math	37	60.66	1	1.64	14	22.95	9	14.75	6	9.84	55	90.16
The HillSprings Learning Center	DRA2	--	--	--	--	--	--	--	--	--	--	--	--
	TCAP - Reading	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
	TCAP - Math	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
The Tutors and Virtual Campus, Inc.	DRA2	--	--	--	--	--	--	--	--	--	--	--	--
	TCAP - Reading	0	0.00	0	0.00	0	0.00	1	100.00	0	0.00	1	100.00
	TCAP - Math	--	--	--	--	--	--	--	--	--	--	--	--
The Way Out Tutoring	DRA2	1	25.00	0	0.00	3	75.00	0	0.00	1	25.00	3	75.00
	TCAP - Reading	0	0.00	0	0.00	2	100.00	0	0.00	1	50.00	1	50.00
	TCAP - Math	0	0.00	0	0.00	2	100.00	0	0.00	1	50.00	1	50.00
Tree of Knowledge	DRA2	0	0.00	1	33.33	1	33.33	1	33.33	0	0.00	3	100.00
	TCAP - Reading	1	33.33	0	0.00	2	66.67	0	0.00	1	33.33	2	66.67
	TCAP - Math	2	66.67	0	0.00	0	0.00	1	33.33	0	0.00	3	100.00
Tutorial Services	DRA2	3	30.00	1	10.00	6	60.00	0	0.00	1	10.00	9	90.00
	TCAP - Reading	2	25.00	0	0.00	4	50.00	2	25.00	0	0.00	8	100.00
	TCAP - Math	2	25.00	0	0.00	4	50.00	2	25.00	0	0.00	8	100.00
Tutoring Club of Westminster	DRA2	--	--	--	--	--	--	--	--	--	--	--	--
	TCAP - Reading	2	33.33	0	0.00	4	66.67	0	0.00	0	0.00	6	100.00
	TCAP - Math	4	40.00	1	10.00	5	50.00	0	0.00	3	30.00	7	70.00
University of Denver Bridge Project	DRA2	6	66.67	0	0.00	3	33.33	0	0.00	2	22.22	7	77.78
	TCAP - Reading	8	40.00	0	0.00	8	40.00	4	20.00	2	10.00	18	90.00
	TCAP - Math	--	--	--	--	--	--	--	--	--	--	--	--
Weld RE-8 School District	DRA2	17	39.53	8	18.60	16	37.21	2	4.65	2	4.65	41	95.35
	TCAP - Reading	11	39.29	5	17.86	12	42.86	0	0.00	5	17.86	23	82.14
	TCAP - Math	11	39.29	5	17.86	12	42.86	0	0.00	5	17.86	23	82.14
Comparison Group	DRA2	1,965	37.88	933	17.98	2,191	42.23	99	1.91	493	9.50	4,695	90.50
	TCAP - Reading	3,024	40.88	611	8.26	3,161	42.73	601	8.12	1,211	16.37	6,186	83.63
	TCAP - Math	4,367	40.22	789	7.27	4,428	40.78	1,275	11.74	1,561	14.38	9,298	85.62

Table E-2. Reading Achievement: Grades 4-10. State Approved Contract Hours, Number of SES Students who Completed or Failed to Complete their Contracts, and 2012 Median Growth Percentiles (MGP) for SES Students with CSAP/TCAP Reading Scores by Provider (2011-2012)

Provider	Min Approved Contract Hours	Students Served		Students Completing All Contracted Hours			Students Completing Less Than All Contracted Hours		
		N	MGP	N	%	MGP	N	%	MGP
1st Advantage Tutoring	25.00	32	60.00	9	28.13	--	23	71.88	60.00
A to Z In-Home Tutoring	18.50	23	51.00	2	8.70	--	21	91.30	51.00
A+ Learning Solutions	15.00	30	52.00	5	16.67	--	25	83.33	49.00
Abacus In-Home Tutoring, Inc.	18.00	4	--	2	50.00	--	2	50.00	--
Academic Coaching	20.00	38	42.00	18	47.37	--	20	52.63	37.00
Advanced Brain Gym Plus	15.00	9	--	7	77.78	--	2	22.22	--
Adventures in Learning K-12	30.00	8	--	4	50.00	--	4	50.00	--
Applied Scholastics International	30.00	10	--	7	70.00	--	3	30.00	--
ATS Project Success	20.00	16	--	10	62.50	--	6	37.50	--
Bennie E. Goodwin After School Academic Program	45.00	8	--	3	37.50	--	5	62.50	--
BOSSreaders	30.00	30	53.00	7	23.33	--	23	76.67	55.00
Center for Hearing, Speech and Language	60.00	82	46.00	13	15.85	--	69	84.15	44.00
Club Z	16.00	122	51.50	52	42.62	59.00	70	57.38	45.00
Department of Extended Learning	64.00	27	74.00	0	0.00	--	27	100.00	74.00
Dreamcatcher Direct Instruction	30.00	108	48.00	24	22.22	50.50	84	77.78	47.00
Educate-Online / Catapult Online	24.00	12	--	7	58.33	--	5	41.67	--
EDUSS Learning	20.00	50	42.50	42	84.00	45.00	8	16.00	--
eXL Learning, LLC	26.00	36	55.50	12	33.33	--	24	66.67	56.00
Global Partnership Schools, Inc.	21.00	20	37.00	3	15.00	--	17	85.00	--
Imagine Learning	25.00	231	64.00	80	34.63	72.00	151	65.37	62.00
Innovadia	20.00	3	--	3	100.00	--	0	0.00	--
Inspired Solutions	17.00	11	--	3	27.27	--	8	72.73	--
John Corcoran Foundation	20.00	98	48.50	61	62.24	49.00	37	37.76	48.00
Learn It Systems	20.00	32	52.00	20	62.50	46.50	12	37.50	--
Mapleton Public Schools	70.00	2	--	0	0.00	--	2	100.00	--
Mesa School District 51	60.00	47	65.00	0	0.00	--	47	100.00	65.00
Mobile Minds Tutoring	24.00	4	--	2	50.00	--	2	50.00	--
Montrose County School District RE-1J	32.00	17	--	0	0.00	--	17	100.00	--
Orion's Mind	40.00	96	49.00	25	26.04	32.00	71	73.96	55.00
Reading and Math Success (RaMS)	40.00	155	54.00	0	0.00	--	155	100.00	54.00
Results Learning LLC.	24.00	55	45.00	10	18.18	--	45	81.82	50.00
Right On Learning	25.00	48	40.00	45	93.75	40.00	3	6.25	--
Riverside Educational Center	36.00	7	--	0	0.00	--	7	100.00	--
Sheridan School District	31.50	49	54.00	0	0.00	--	49	100.00	54.00
Step to Success Community Learning Center	18.00	92	52.00	44	47.83	35.50	48	52.17	56.50
Summer Scholars	51.00	46	60.50	14	30.43	--	32	69.57	56.50
Summit Learning Services	20.00	26	46.00	21	80.77	55.00	5	19.23	--
Sylvan Learning Center	24.00	181	41.00	134	74.03	39.00	47	25.97	46.00
The HillSprings Learning Center	30.00	1	--	0	0.00	--	1	100.00	--
The Tutors and Virtual Campus, Inc.	20.00	1	--	1	100.00	--	0	0.00	--
The Way Out Tutoring	25.00	2	--	1	50.00	--	1	50.00	--
Tree of Knowledge	13.00	3	--	2	66.67	--	1	33.33	--
Tutorial Services	36.00	8	--	0	0.00	--	8	100.00	--
Tutoring Club of Westminster	32.00	6	--	0	0.00	--	6	100.00	--
University of Denver Bridge Project	50.00	20	34.50	6	30.00	--	14	70.00	--
Weld RE-8 School District	90.00	28	40.00	0	0.00	--	28	100.00	40.00

Table E-3. Math Achievement: Grades 4-10. State Approved Contract Hours, Number of SES Students who Completed or Failed to Complete their Contracts, and 2012 Median Growth Percentiles (MGP) for SES Students with CSAP/TCAP Reading Scores by Provider (2011-2012)

Provider	Min Approved Contract Hours	Students Served		Students Completing All Contracted Hours			Students Completing Less Than All Contracted Hours		
		N	MGP	N	%	MGP	N	%	MGP
1st Advantage Tutoring	25.00	31	45.00	9	29.03	--	22	70.97	51.50
A to Z In-Home Tutoring	18.00	18	--	2	11.11	--	16	88.89	--
A+ In Home Tutoring, Inc.	24.00	1	--	0	0.00	--	1	100.00	--
A+ Learning Solutions	15.00	43	50.00	13	30.23	--	30	69.77	52.50
Abacus In-Home Tutoring, Inc.	19.35	2	--	1	50.00	--	1	50.00	--
Academic Coaching	20.00	39	55.00	18	46.15	--	21	53.85	39.00
Adventures in Learning K-12	30.00	2	--	0	0.00	--	2	100.00	--
Applied Scholastics International	30.00	3	--	2	66.67	--	1	33.33	--
ATS Project Success	20.00	17	--	7	41.18	--	10	58.82	--
Club Z	16.00	154	62.50	51	33.12	65.00	103	66.88	62.00
Department of Extended Learning	64.00	48	49.00	0	0.00	--	48	100.00	49.00
Dreamcatcher Direct Instruction	30.00	14	--	2	14.29	--	12	85.71	--
Educate-Online / Catapult Online	24.00	23	43.00	16	69.57	--	7	30.43	--
EDUSS Learning	20.00	301	51.00	247	82.06	49.00	54	17.94	56.50
eXL Learning, LLC	28.00	3	--	0	0.00	--	3	100.00	--
GEO Foundation Educational Services	26.00	43	54.00	35	81.40	66.00	8	18.60	--
Global Partnership Schools, Inc.	21.00	3	--	0	0.00	--	3	100.00	--
Innovadia	20.00	5	--	5	100.00	--	0	0.00	--
Inspired Solutions	24.00	12	--	1	8.33	--	11	91.67	--
John Corcoran Foundation	20.00	89	60.00	53	59.55	71.00	36	40.45	46.00
Learn It Systems	20.00	23	55.00	16	69.57	--	7	30.43	--
Mapleton Public Schools	70.00	13	--	0	0.00	--	13	100.00	--
Mathnasium	30.00	3	--	0	0.00	--	3	100.00	--
Mesa School District 51	60.00	41	42.00	0	0.00	--	41	100.00	42.00
Mobile Minds Tutoring	24.00	9	--	5	55.56	--	4	44.44	--
Montrose County School District RE-1J	32.00	11	--	0	0.00	--	11	100.00	--
Orion's Mind	40.00	96	53.00	25	26.04	50.00	71	73.96	53.00
Reading and Math Success (RaMS)	40.00	156	69.00	0	0.00	--	156	100.00	69.00
Right On Learning	25.00	24	59.00	22	91.67	57.50	2	8.33	--
Riverside Educational Center	36.00	10	--	0	0.00	--	10	100.00	--
Sheridan School District	31.50	60	35.00	3	5.00	--	57	95.00	36.00
Summer Scholars	51.00	12	--	3	25.00	--	9	75.00	--
Summit Learning Services	20.00	25	48.00	20	80.00	49.50	5	20.00	--
Sylvan Learning Center	24.00	61	45.00	39	63.93	46.00	22	36.07	44.50
The HillSprings Learning Center	30.00	1	--	0	0.00	--	1	100.00	--
The Way Out Tutoring	25.00	2	--	1	50.00	--	1	50.00	--
Tree of Knowledge	13.00	3	--	3	100.00	--	0	0.00	--
Tutorial Services	36.00	8	--	0	0.00	--	8	100.00	--
Tutoring Club of Westminster	32.00	10	--	0	0.00	--	10	100.00	--
Weld RE-8 School District	90.00	28	62.00	0	0.00	--	28	100.00	62.00