

UPSTART Program Report

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Introduction: UPSTART

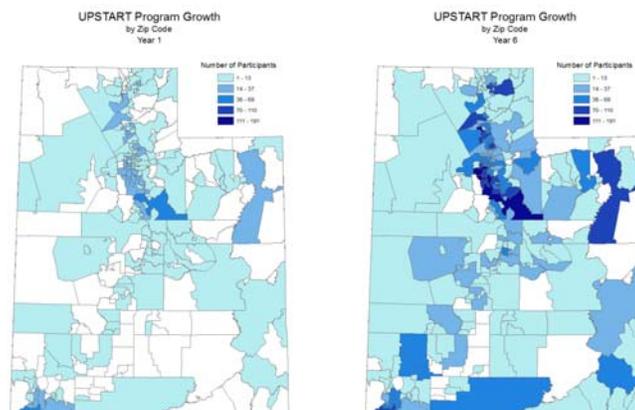
- Utah Preparing Students Today for a Rewarding Tomorrow (UPSTART) is a pilot project established by the Utah State Legislature in 2008.
- Preschool age home-based education technology
- UPSTART enrollment for FY17 is approximately 10,369 students
 - \$4,763,900 in UPSTART Early Childhood Education
 - \$2 million in TANF funds from High-Quality School Readiness Expansion Program
 - Line Item \$1.5 million in Education Funds and **500K in TANF**

Current Financial Status

- Outstanding unencumbered amount: **\$2,643,154.80**
- Option #1: Spread out unencumbered amount of the next three years in an equal distribution=\$881,051 (UPSTART, surplus, evaluation, audit)
- Option #2: Make a decision based on a look at the outcome data...

Program Implementation: Demographics

Figure 1. Map of UPSTART program participation in Year 1 and Year 6



Program Implementation: Demographics

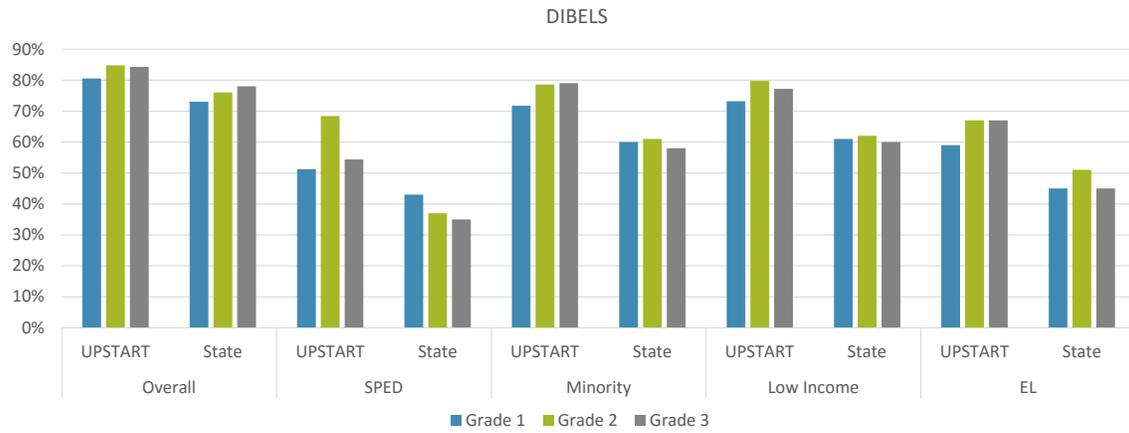
Demographic Categories		All C6 UPSTART (N=5,091)
Child's Gender	Male	48%
	Female	52%
Child's Ethnicity	White	83%
	Hispanic	12%
	Asian/Pacific Islander	3%
	African American	1%
	Native American	<1%
	Other	2%
Child's Language	English	92%
	Spanish	7%
	Other	1%
Parent Educational Attainment	Some High School	3%
	High School Graduate	10%
	Some College	36%
	College Graduate	42%
Parent Marital Status	Advanced Degree	9%
	Married	94%
Household Poverty Level	Otherwise	6%
	Under 100%	16%
	Under 185%	45%
	Under 200%	50%

Impacts on Literacy

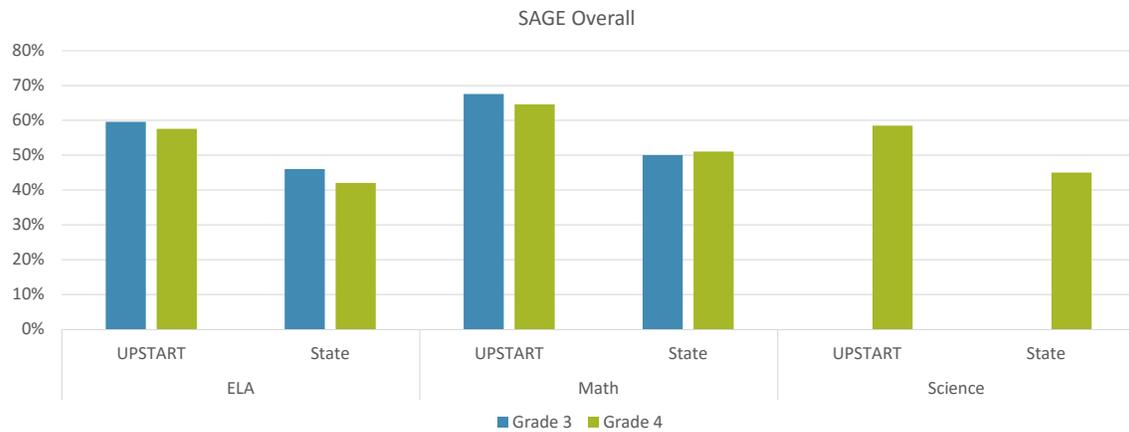
Figure 4. Brigance and Bader Posttest Analysis of Composite Scores



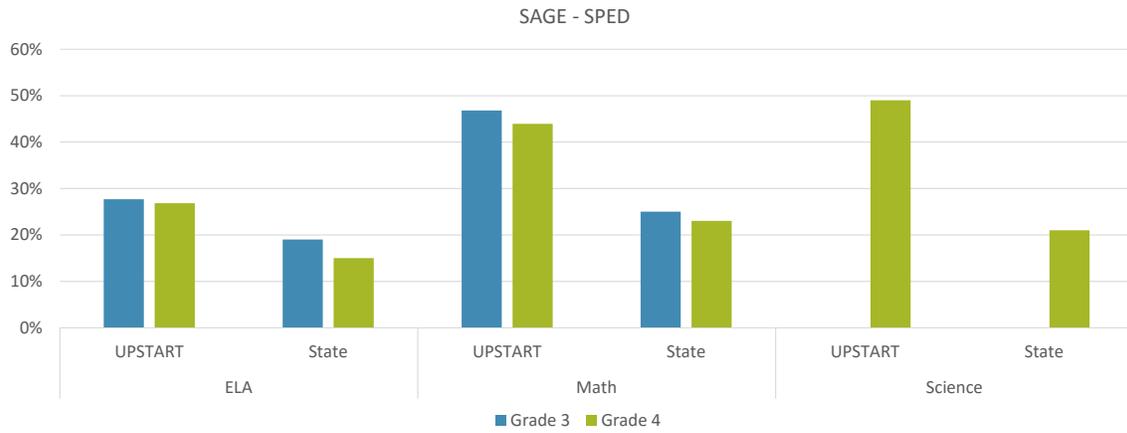
Longitudinal Effects - DIBELS



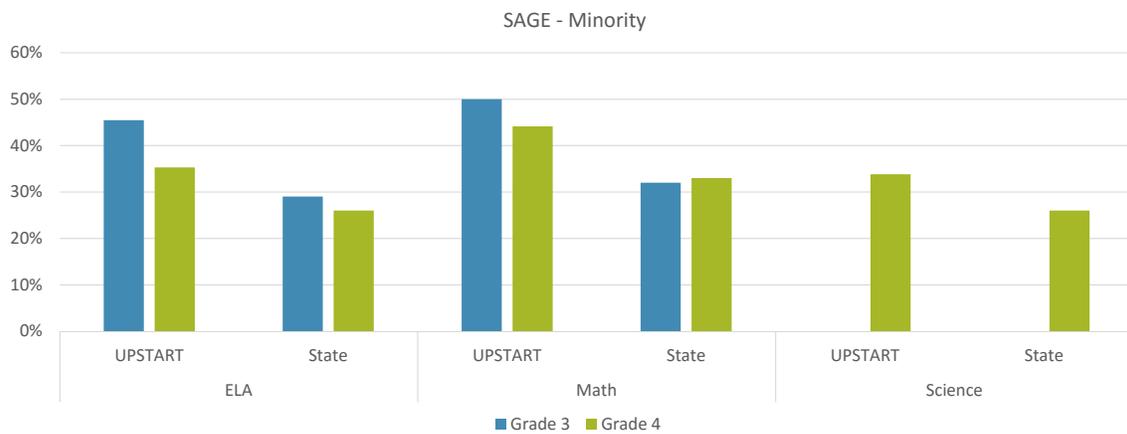
Longitudinal Effects – SAGE Overall



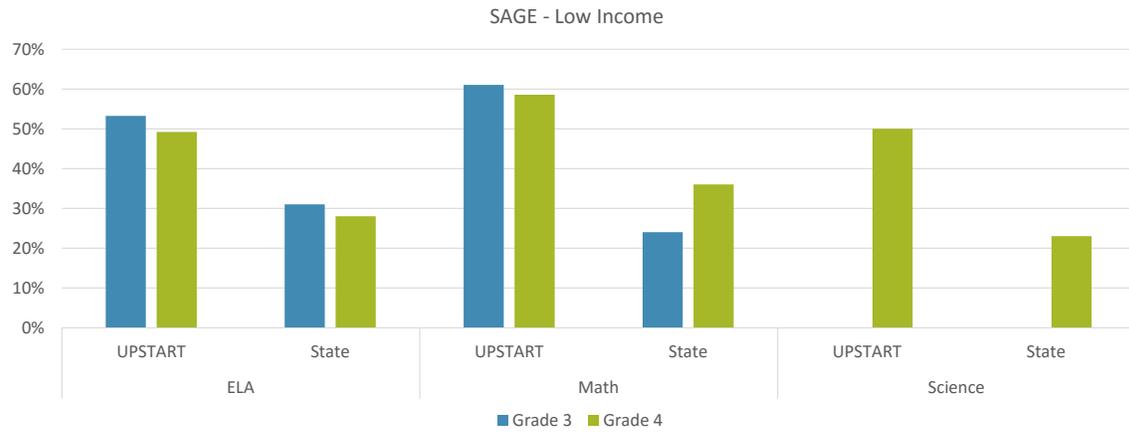
Longitudinal Effects – SAGE SPED



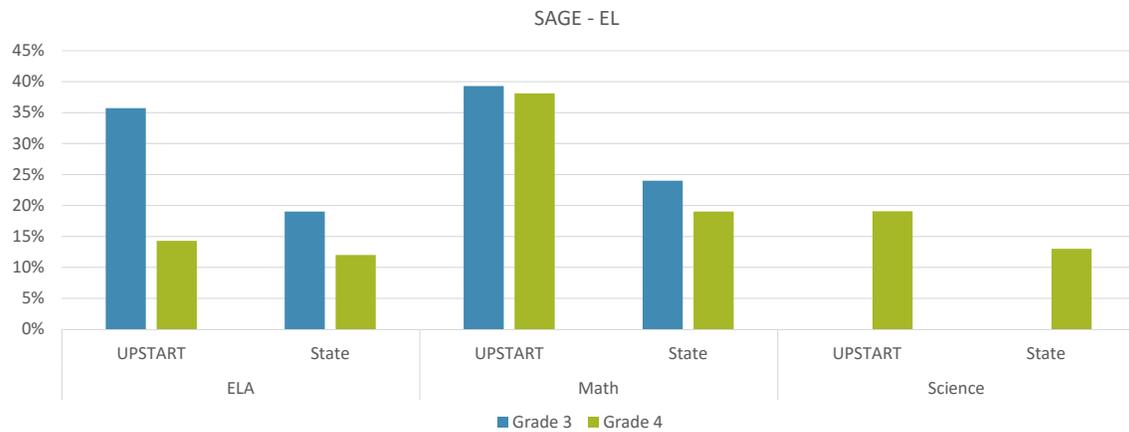
Longitudinal Effects – SAGE Minority



Longitudinal Effects – SAGE Low Income

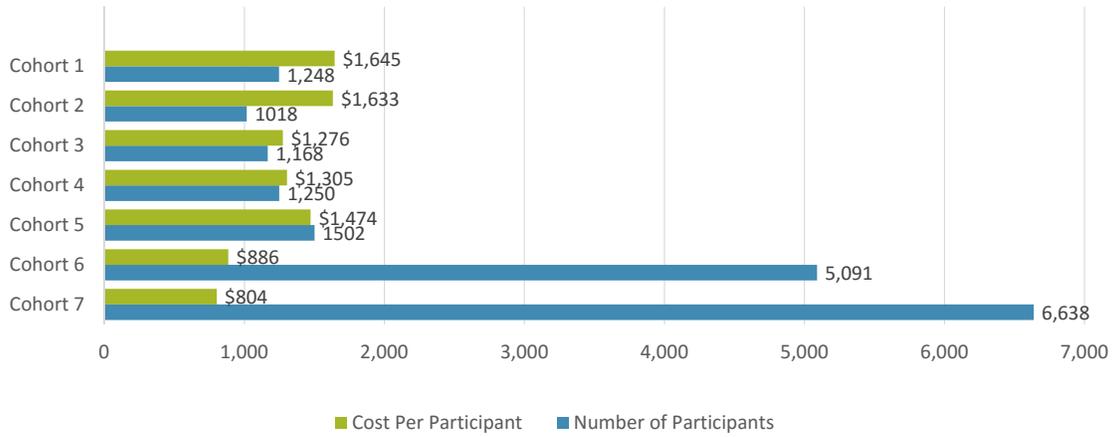


Longitudinal Effects – SAGE EL



Participant Cost Summary

UPSTART Cost Summary



Conclusion

The UPSTART program shows continued success at helping preschool age children develop literacy skills and prepare for school.

K-3 DIBELS Assessment Tool

Jennifer Thronsen
PreK-12 Literacy & Library Media Coordinator

Funding Levels

- FY16 \$1.6 million
- FY17 \$2.1 million (\$500,000 ongoing appropriation added)

Current Estimated Expenditures

Amplify	Dynamic Measurement Group
Approximately 160,531 students	Approximately 45,394 students
Cost \$12 per student	Cost \$1 per student
96 LEAs (484 schools)	27 LEAs (156 schools)
Total Cost: \$1,926,372	Total Cost: \$45,394

Total FY17 Estimated Cost for Licenses: \$1,971,766

Total FY17 Estimated Cost for PD: \$25,000

Total FY17 Estimated Cost: \$1,996,766

Early Intervention Reading Software

Jennifer Throndsen
PreK-12 Literacy & Library Media Coordinator

Expected Costs for FY17

Program	# of schools	FY17 Costs
Imagine Learning	159	\$3,358,000
i-Ready	87	\$1,133,070
Istation	7	\$49,600
Lexia Reading Core5	168	\$1,653,300
MyOn	32	\$182,240
Reading Plus	27	\$211,255
SuccessMaker	26	\$449,836
Waterford	55	\$692,225
Evaluation		\$102,750
Grand Total	561	\$7,832,276

2015-16 Program Details

Program	Number of Schools	Number of Students	% of students
Imagine Learning	184	23,798	34%
i-Ready	56	12,567	18%
Istation	4	898	1%
Lexia Reading Core5	73	17,346	25%
MyOn	16	2,451	4%
Reading Plus	14	1,095	2%
SuccessMaker	23	3,679	5%
Waterford	55	7,609	11%
Totals	425	69,443	100%

Student Outcomes by Vendor by Grade

Vendor	Kindergarten						1st Grade				2nd Grade		3rd Grade		
	FSF	LNF	PSF	NWF-CLS	NWF-WWR	Comp	NWF-CLS	NWF-WWR	DORF	Comp	DORF	Comp	DORF	DAZE	Comp
Imagine Learning	.31	.38	.43	.30	.23	.52	.09	.10			.18	.33			
i-Ready															-.25
Istation	.65	.29	.95			1.12	.45	.34							
Lexia	.09	.30	.28	.31	.15	.43	.22	.16		.11					
MyOn		.36	.50	.51		.37									
Reading Plus													.53		
SuccessMaker	.22		.41								.29	.52			
Waterford	.15	.25	.30	.24		.42		.10							

*i-Ready submitted usage data that included assessment data—data is being run with just learning usage data; results may change

**Reading Plus is only used in grades 2-3

Varying Levels of Use and Outcomes

Table 1. Program-wide Treatment and Control Group Composite Score Means and Effect Sizes, by Level of Use

Usage Group	Kindergarten			1 st Grade			2 nd Grade			3 rd Grade		
	Tr.	Cntrl	ES	Tr.	Cntrl	ES	Tr.	Cntrl	ES	Tr.	Cntrl	ES
Intent to Treat	N=8,073			N=11,490			N=2,841			N=2,524		
(lowest use)	148	139	.10	191	192	-.01	162	158	.05	-	-	-
Relaxed Optimal	N=2,218			N=4,544			N=924			N=612		
	155	139	.26	198	194	.04	164	153	.16	-	-	-
Optimal	N=409			N=993			N=157			N=100		
(highest use)	158	138	.42	-	-	-	168	134	.46	-	-	-

Note. A dash in a cell means that the treatment does not have a significant effect. ITT (lowest use): all students; Relaxed optimal (second highest use): students must meet at least 80% of vendors recommended dosage; Optimal (highest use): students must meet vendors' recs for at least 80% of the weeks used and use it for the minimum weeks recommended.

Fidelity Use by Grade Level

Grade Level	2014-15	2015-16	
Kindergarten	40%	49%	+9%
1 st Grade	35%	50%	+15%
2 nd Grade	25%	51%	+26%
3 rd Grade	17%	54%	+37%

Fidelity By School

- A school met fidelity of use if at least **80%** of their students' average minutes of use were greater than or equal to **80%** of the vendor's average minutes of use recommendations.

Fidelity Status	2014-15 # of schools	2014-15 % of schools	2015-16 # of schools	2015-16 % of schools
Met fidelity requirements	46	13%	60	16%
Did not meet fidelity requirements	309	87%	319	84%

Recommendations

- All vendors should provide monthly usage reports to schools to help them monitor their fidelity, and they should signal to the state which schools are falling behind.
- The state should support vendors by reaching out to LEAs who are not meeting program fidelity.
- An implementation evaluation should be sponsored by the state that focuses on how students are selected for the program, how schools and vendors monitor program use, challenges to continual program use, and best practices in using the program according to vendor recommendations.