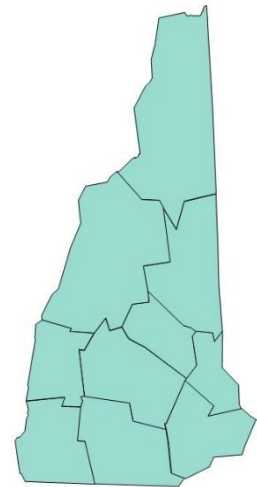


Waterford Upstart SY 2022-2023 Program NEW HAMPSHIRE PROGRAM – FINAL REPORT

Introduction

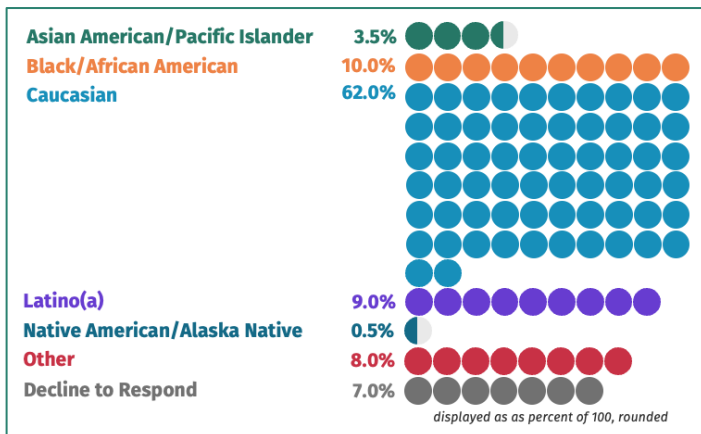
In early 2022, the New Hampshire Department of Education granted funding to Waterford.org in order to provide the Waterford Upstart program to children in the state during the summer of 2022 and during the 2022-2023 school year. This report details outcomes for those children served by funding from the State of New Hampshire in the 2022-2023 school year.



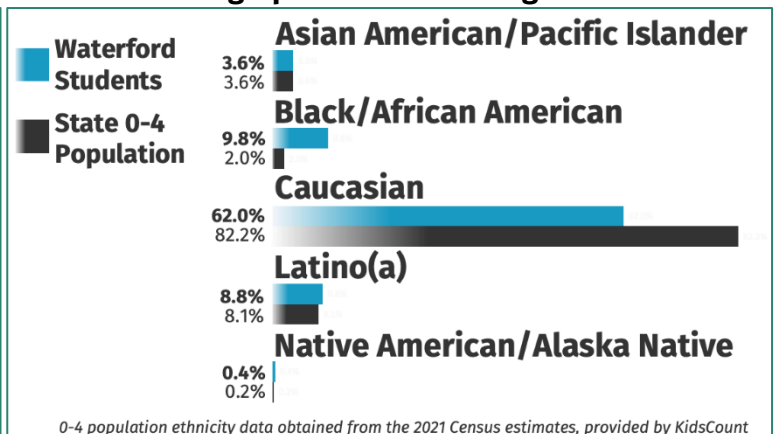
Statewide Reach



Children Registered by Ethnicity



Ethnicity of Registered Children Compared with State Demographics of Children Ages 0-4



Measuring Program Outcomes

To measure learning success and skills gained in reading with Waterford Upstart, students take an assessment at the beginning and end of the program. The Waterford Assessment of Core Skills (WACS)¹ is a computer-adaptive test of early literacy designed for pre-kindergarten to second grade students.

The following table provides question difficulty ranges for WACS by grade level. Each grade level is divided into thirds: e.g., Kindergarten Beginning, Kindergarten Intermediate, and Kindergarten Advanced.

Grade	Beginning	Intermediate	Advanced
Preschool	1001 - 1333	1334 - 1666	1667 - 2000
Kindergarten	2001 - 2333	2334 - 2666	2667 - 3000
First	3001 - 3333	3334 - 3666	3667 - 4000
Second	4001 - 4333	4334 - 4666	4667 - 5000

Program Results – Reading

- Children’s outcomes averaged at the “Kindergarten Advanced” level (with an average final WACS score of 2688), where most children would be expected to score near the end of the Kindergarten year. Children registered for the Waterford Upstart program were four-years-old, showing that on average children who were part of the New Hampshire 2022-2023 Waterford Upstart program achieved a literacy readiness level of one full academic year beyond what would ordinarily be expected for children of that age.
- 90% of children scored at the “Kindergarten Beginning” level or above, demonstrating strong school readiness outcomes.

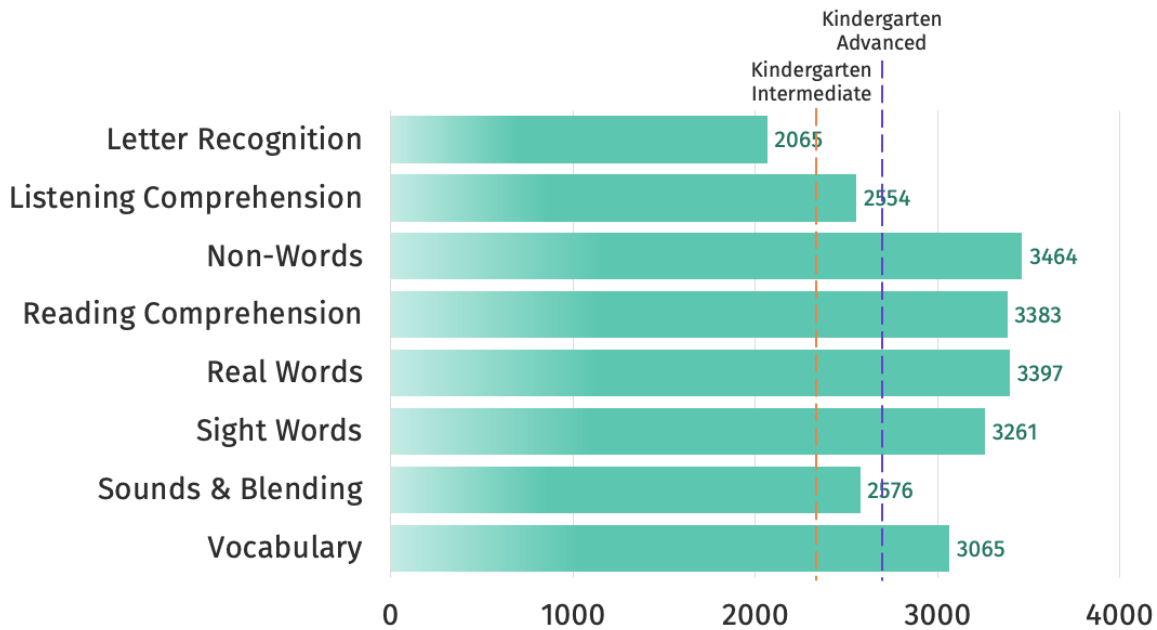
The following graph provides children’s results for assessed discrete literacy skills. The graph shows the average final WACS subtest scores and where those scores fall within their grade equivalents for the program.² For example, the children who had the opportunity to use the Waterford Upstart program in the 2022-2023 school year achieved a “Kindergarten Advanced”

¹ To establish initial content validity, student performance on WACS was compared to performance to performance on five similar standardized tests that measure early reading skills, including DIBELS (Dynamic Indicators of Basic Early Literacy Skills), IRI (Idaho Reading Indicator), ITBS (Iowa Test of Basic Skills), SAT 10 (Stanford Achievement Test Series), and TPRI (Texas Primary Reading Inventory). These results also established concurrent and predictive validity.

² “Kindergarten Beginning” is the highest possible achievement level for the “Letter Recognition” skill. Additionally, WACS is an adaptive test and not all children reach all advanced skills in the testing. Scores and grade equivalents are for the children who reach the individual skills.

level or higher in non-words, reading comprehension, real words, sight words, and vocabulary.

Average Final Reading Score by Assessed Skill



Geographic Reach

Registrations by County

County	Count
Belknap	18
Carroll	9
Cheshire	31

County	Count
Coos	12
Grafton	8
Hillsborough	208

County	Count
Merrimack	48
Rockingham	92
Strafford	69

County	Count
Sullivan	3
TOTAL	498

Registrations by Municipality

City	Count
Allenstown	2
Amherst	2
Atkinson	1
Barnstead	1
Barrington	3
Bartlett	1
Bedford	5
Belmont	2
Berlin	5

City	Count
Epsom	1
Exeter	1
Farmington	1
Franklin	1
Gilford	5
Gilmanton	1
Goffstown	5
Greenland	3
Groveton	1

City	Count
Litchfield	5
Littleton	1
Londonderry	7
Loudon	1
Madbury	1
Manchester	72
Merrimack	10
Milan	2
Milford	3

City	Count
Plaistow	1
Portsmouth	26
Randolph	1
Raymond	1
Rindge	1
Rochester	19
Rollinsford	1
Rumney	2
Rye	4

Boscawen	1
Bow	11
Brookline	1
Campton	2
Canterbury	1
Center Ossipee	2
Chesterfield	2
Chichester	1
Claremont	2
Concord	12
Conway	1
Derry	16
Dover	31
Dunbarton	2
Durham	3
Effingham	1
Epping	2

Hampstead	1
Hampton	4
Hampton Falls	1
Henniker	3
Hillsborough	2
Hinsdale	8
Hollis	1
Hooksett	7
Hudson	13
Jefferson	1
Keene	13
Kensington	2
Kingston	1
Laconia	7
Lancaster	1
Lebanon	1
Lee	1

Milton	2
Mont Vernon	2
Nashua	75
New Boston	2
New Ipswich	1
Newfields	1
Newmarket	2
Newton	1
North Conway	1
North Hampton	2
North Stratford	1
North Woodstock	1
Northfield	2
Northwood	1
Nottingham	2
Pelham	7
Pittsfield	1

Salem	4
Sanbornville	1
Seabrook	2
Somersworth	6
South Tamworth	1
Springfield	1
Strafford	2
Stratham	5
Suncook	2
Swanzey	3
Troy	1
Weare	1
Webster	2
West Lebanon	1
Wilton	1
Winchester	3
Windham	1
TOTAL	498

Family Satisfaction

Families participating in the Waterford Upstart program during the 2022-2023 school year were asked to complete a satisfaction survey and provide additional feedback related to their and their child's experience in the program. Selected results appear below; responses to all questions can be viewed at <https://bit.ly/3rOXZx4>.

The program helped prepare my child for kindergarten.



■ Agree ■ Disagree

I feel confident that I can help my child transition from PreK to Kindergarten.



■ Agree ■ Disagree

The program was engaging to my child.



■ Agree ■ Disagree

In general, did your child enjoy the Reading program?.



■ Yes ■ No



9.2

“On a scale of 0 to 10, how likely are you to recommend Waterford Upstart to a friend or colleague?”



8.4

“On a scale of 0 to 10, overall how satisfied are you with your and your child’s experience using the Waterford Upstart program?”

About Waterford Upstart

Waterford Upstart is a configurable kindergarten readiness program that helps preschool age children develop the cognitive and mindset skills they need for school success. In Wisconsin, Waterford Upstart was delivered fully in the home, leveraging adaptive software and providing tailored coaching to support families as their child’s first teacher.

Proven Technology

- Personalized curriculum in reading, math, and science, and models mindset skills
- Success in 15 to 30 minutes a day, five days a week
- Includes a computer tablet device and Internet service as needed

Family Engagement

- Coaching and offline resources to ensure strong parent/guardian engagement and student success
- Family services supported in English and Spanish, with interpretation services available in additional languages, as needed.

Waterford Upstart is aligned to the New Hampshire Early Learning Standards and Head Start Early Learning Outcomes Framework; meets WIDA standards for language development; is a Certified Autism Resources; and is endorsed by the Council of Administrators of Special Education (CASE).

Thank You

Waterford.org would like to thank the State of New Hampshire for its commitment to supporting universal literacy. Waterford Upstart was provided in the State of New Hampshire for the 2022-2023 school year with funding approved by the New Hampshire Department of Education.

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