

# EDUCATION

## Employment Projections for the Educational Services Sector

Employment in educational services (both private and public educational services) is projected to increase 6.8 percent from 2020 to 2030. Much of this increase was likely due to projections base year values being lower than normal because of jobs lost during the pandemic. Projected 2030 educational services employment was just 842 jobs higher than estimated 2018 employment.

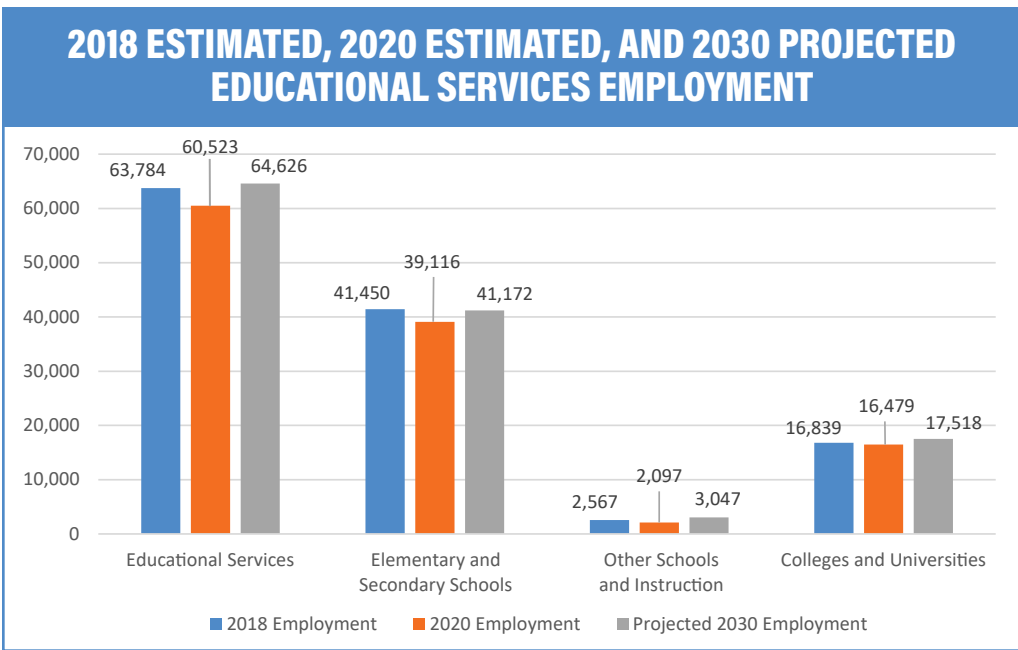
Employment in elementary and secondary schools, which accounts for almost two-thirds of the educational services sector, is projected to grow 5.3 percent from 2020 to 2030, but 2030 employment is expected to reach a level slightly below 2018 estimated employment. The decline in educational services employment is largely the result of demographic changes in New Hampshire’s population. Although it increased slightly in 2021, the state’s population under age 18 has trended downwards for more than 20 years; school enrollments have declined as a result, and fewer students require fewer teachers and other school employees.

Employment in other industry groups within the educational services sector is projected to grow beyond pre-pandemic estimated employment. Employment in colleges and universities is projected to increase 4.3 percent from 2020 to 2030, and expected to exceed the 2018 estimate by 680 jobs, while technical and trade schools employment is projected to grow 8.5 percent from 2020 to 2030, an increase of 100 jobs over the 2018 estimated employment.

Employment in the other schools and instruction industry group is projected to increase 45.3 percent from 2020 to 2030, the largest ten-year percent change among educational industry groups, with projected 2030 employment surpassing the 2018 employment estimate by 480 jobs. Other schools and instruction includes sports and recreation instruction, exam preparation and tutoring, fine arts schools, and all other non-school instruction. Although projections are not available for individual industries within this industry group, national industry staffing pattern

data identifies several occupations projected for growth within this industry group, which provides insight into the industries likely to see growth.<sup>1</sup>

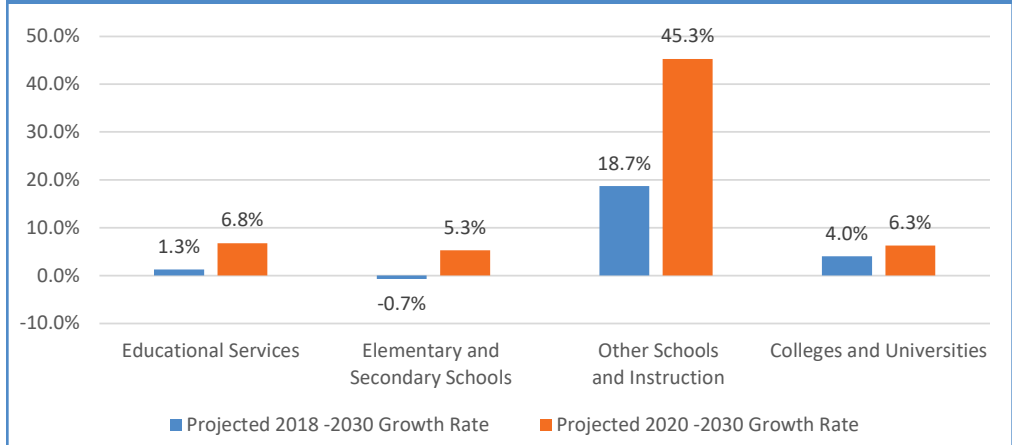
Within other schools and instruction, nationwide employment of coaches and scouts and exercise trainers and group fitness instructors were projected to increase more than 40 percent



Source: New Hampshire Employment Security, Long-term Employment Projections

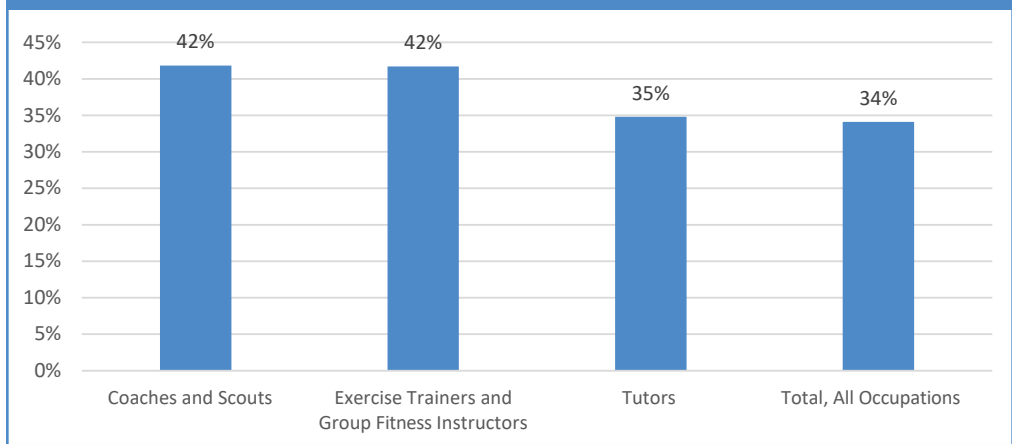
<sup>1</sup> Staffing patterns are based on 2021 - 2031 long-term U.S. employment projections.

### PROJECTED 2030 EMPLOYMENT, COMPARED TO PRE-PANDEMIC AND PANDEMIC ERA EMPLOYMENT



Source: New Hampshire Employment Security, Long-term Employment Projections

### 2021 - 2031 PROJECTED PERCENT CHANGE FOR OCCUPATIONS IN OTHER SCHOOLS AND INSTRUCTION INDUSTRY GROUP (U.S.)



Source: U.S. Bureau of Labor Statistics, Employment Projections

between 2021 and 2031, suggesting that sports and recreation instruction was one of the industries responsible for projected growth. The number of workers employed as tutors was expected for increase 35 percent between 2021 and 2031, suggesting that exam preparation and tutoring employment was also projected to increase substantially as well.

### Pandemic-Era Shifts in Enrollment Trends

Total elementary and secondary school enrollment in New Hampshire has declined steadily as the state ages and birth rates decline. New Hampshire's

population age 5 to 18 declined annually from 2010 to 2019. The decline in school enrollment accelerated during the 2020-2021 school year, the first full school year during the pandemic. Enrollment fell from 194,950 students during the 2019-2020 school year to 190,310 during 2020-2021 school year, a 2.4 percent decline.

Public school enrollment fell further, declining 4.7 percent, while enrollment in non-public schools and homeschool increased. Homeschool enrollment more than doubled, from 2,955 to 6,110. While homeschool enrollment declined in the 2021-2022 and 2022-2023 school

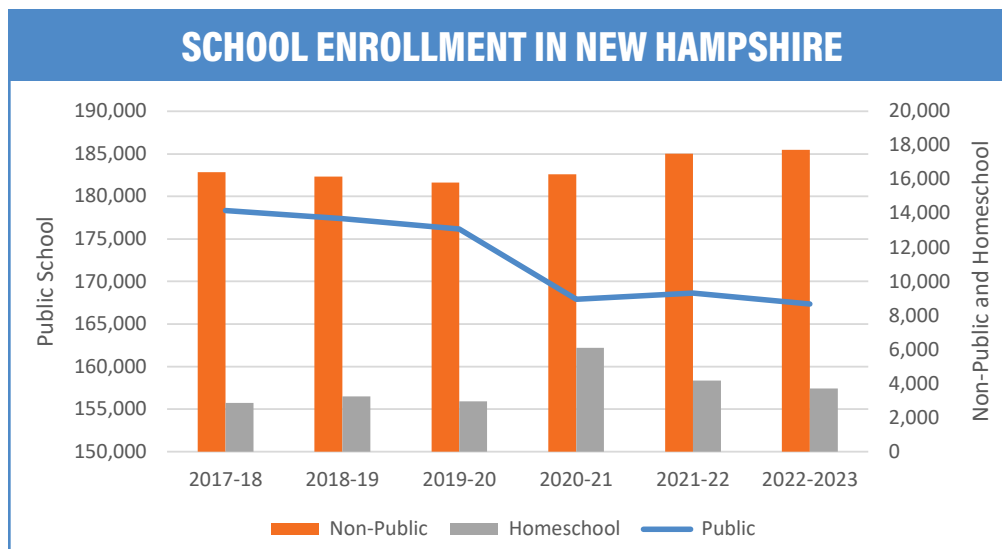
years, it remained 26 percent above 2019-2020 levels. Non-public school enrollment increased each year since the start of the pandemic, with 2022-2023 enrollment 12 percent (1,900 students) higher than 2019-2020 enrollment.

Education Freedom Accounts, first introduced in 2021, contributed to increased enrollment in non-public schools. This program allows state funded per-pupil education adequacy grants (New Hampshire's contribution to each student's education funding) for moderate and low-income students to pay for non-public school expenses. For the 2022-2023 school year, approximately 400 students (just over one quarter of students newly-

enrolled in Education Freedom Accounts) had attended a public school in the previous school year.<sup>2</sup>

### NAEP Test Scores

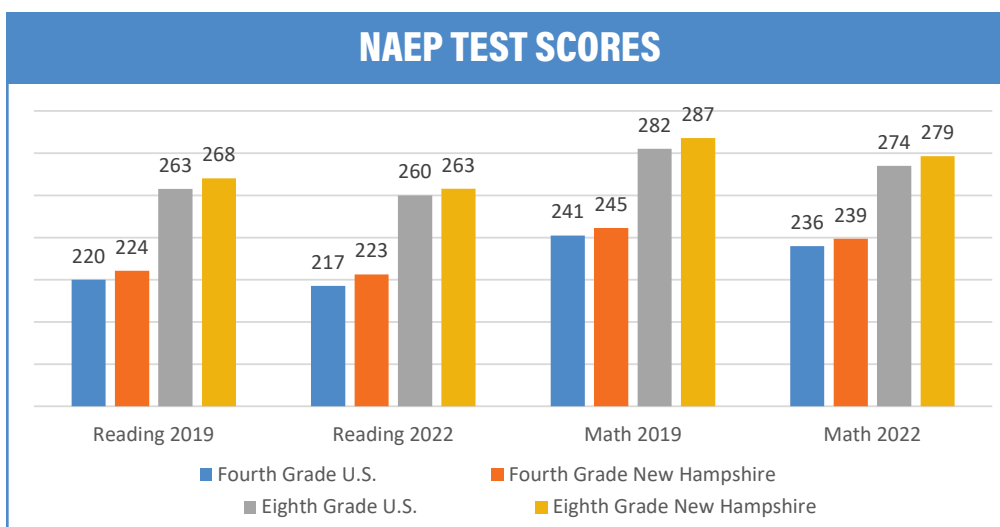
The National Assessment of Educational Progress, a standardized test administered to fourth and eighth grade students, was administered in spring 2022 for the first time since the pandemic. The test assesses student performance in reading and math. Nationwide, 2022 reading and math scores declined for both fourth and eighth grader students, an indication of the struggles the education system faced during the coronavirus pandemic. Math scores declined five points for fourth grade students, and eight points for eighth grade students, while reading scores declined three points for both grades.<sup>3</sup>



Source: New Hampshire Department of Education

Scores declined in New Hampshire as well, particularly at the eighth-grade level. Math scores declined five points for fourth graders and nine points for eighth graders, while reading scores declined by two points for fourth grades and five points for eighth graders. New Hampshire was one of just four states that tested above the national average in both subjects for both grades.

- Greg David



Source: National Assessment of Educational Progress

2 New Hampshire Department of Education, "Second year of Education Freedom Accounts prospering," September 9, 2022. <https://www.education.nh.gov/news/second-year-education-freedom-accounts-prospering>.  
 3 New Hampshire Department of Education, NAEP releases student achievement results. <https://www.education.nh.gov/news/naep-releases-student-achievement-results>.

<b>FALL ENROLLMENTS, NEW HAMPSHIRE PUBLIC AND PRIVATE SCHOOLS</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>
Total public school enrollments (includes preschool)	178,328	177,365	176,168	167,909	168,620
Total nonpublic school enrollments	16,422	16,165	15,823	16,294	17,516
Total, all elementary and secondary enrollments	194,750	193,530	191,991	184,203	186,136
Annual percent change, all enrollments	-0.9%	-0.6%	-0.8%	-4.1%	1.0%
First grade enrollments, total public	12,678	12,351	12,501	11,675	11,754
First grade nonpublic enrollments	758	699	643	775	868
Total first grade enrollments	13,436	13,050	13,144	12,450	12,622
Annual percent change, first grade all enrollments	2.3%	-2.9%	0.7%	-5.3%	1.4%
Twelfth grade enrollments, total public	13,235	13,073	13,188	13,131	12,880
Twelfth grade nonpublic enrollments	1,984	1,931	1,975	1,997	1,923
Total twelfth grade enrollments	15,219	15,004	15,163	15,128	14,803
Annual percent change, twelfth grade all enrollments	-1.4%	-1.4%	1.1%	-0.2%	-2.1%

Source: New Hampshire Department of Education, ELMI Analysis. Last Update 1/19/2023

<b>SCHOLASTIC ASSESSMENT TEST</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>
<b>SAT Scores of College-Bound Seniors<sup>a</sup></b>					
Evidence-Based Reading and Writing (formerly Critical Reading)					
New Hampshire	535	533	531	540	530
United States	536	531	528	533	529
Math					
New Hampshire	528	526	524	526	521
United States	531	528	523	528	521
Percent of high school graduates taking the SAT					
New Hampshire	96.0%	95.0%	93.0%	71.0%	81.0%
United States	58.0%	60.0%	60.0%	41.0%	-

Source: The College Board and National Center for Educational Statistics. Last Update 1/19/2023

<sup>a</sup> Reflects mean score for all graduates from an academic year who took the SAT at any point during high school. If a student took the SAT more than once, only the most recent result is included in mean score.

<b>GRADUATES, NEW HAMPSHIRE PUBLIC SCHOOLS AND PUBLIC ACADEMIES</b>	<b>2016-17</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>
Total number of graduates (standard and non-standard diplomas, and GED)	13,511	13,301	13,179	12,950	12,878
Annual percent change	-2.4%	-1.6%	-0.9%	-1.7%	-0.6%

Postsecondary Intentions of Graduates					
Entering a four-year college or university	50.0%	52.3%	50.8%	51.8%	49.0%
Entering a postsecondary instruction other than four-year	22.3%	20.2%	20.5%	16.6%	16.2%
Not entering a postsecondary institution:					
Enlisting in the Armed Forces	3.1%	3.3%	3.0%	2.7%	2.3%
Employment	17.5%	17.8%	17.9%	18.3%	20.8%
All other	7.1%	6.4%	7.8%	10.7%	11.4%

Source: New Hampshire Department of Education, ELMI Analysis. Last Update 1/19/2023

<b>NEW HAMPSHIRE SCHOOL DISTRICT EXPENDITURES AND REVENUE</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>
Current operating expenses, elementary and secondary schools <sup>b</sup> (\$ millions of current dollars)	\$2,934.5	\$3,004.3	\$3,054.0	\$3,181.3	\$3,356.0
Annual percent change	3.1%	2.4%	1.7%	4.2%	5.5%
Average daily membership, public elementary and secondary schools	166,321	165,130	163,597	156,081	155,847
Annual percent change	-0.6%	-0.7%	-0.9%	-4.6%	-0.1%
Cost per pupil, current operating expenses <sup>b</sup> (current dollars)	\$17,643.00	\$18,194.00	\$18,668.00	\$20,383.00	\$21,534.00
Annual percent change	3.8%	3.1%	2.6%	9.2%	5.6%

Average salary of teachers, public elementary and secondary schools (in current dollars)	\$58,278	\$59,198	\$59,624	\$61,849	\$62,695
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Total net revenue (\$ millions of current dollars)	\$3,166.1	\$3,239.5	\$3,355.5	\$3,537.4	\$3,640.1
Annual percent change	2.3%	2.3%	3.6%	5.4%	2.9%

Percent of total school district revenues from:					
State funds	31.6%	31.2%	32.6%	32.2%	31.0%
Local and other funds	63.1%	63.7%	62.6%	60.7%	60.1%
Federal funds	5.3%	5.1%	4.8%	7.1%	8.9%

<sup>b</sup> Includes tuition and transportation

Source: New Hampshire Department of Education, ELMI Analysis. Last Update 1/19/2023

NEW HAMPSHIRE POSTSECONDARY INSTITUTIONS	2016-17	2017-18	2018-19	2019-20	2020-21
Fall enrollments, public and private degree-granting institutions (students age 18 years and over)	133,159	149,184	160,750	169,412	188,545
By attendance status:					
Full-time students	70,777	68,251	72,697	75,319	82,305
Part-time students	62,382	80,933	88,046	94,019	106,240
By gender:					
Male	52,338	57,797	61,200	64,105	71,331
Female	80,821	91,387	99,543	105,233	117,214
Degrees conferred by public and private degree-granting institutions in NH					
Degree Awarded: <sup>c</sup>	26,634	31,389	33,554	33,990	
Associate's degrees	3,699	4,190	4,566	5,077	
Bachelor's degrees	14,869	17,198	19,005	20,273	
Graduate degrees, including doctorates	8,066	10,001	9,982	8,640	
By selected academic majors, Associate's and higher degrees: <sup>c</sup>					
Biological and Biomedical Sciences	633	630	643	674	715
Business, Management, Marketing, and Support	7,071	8,979	9,869	9,744	12,008
Communication and Journalism	766	926	920	990	1,022
Computer and Information Sciences and Support Services	1,823	2,053	1,703	1,819	2,628
Education	1,436	1,505	1,468	1,289	1,315
Engineering and Engineering Technologies	963	975	992	939	859
English Language and Literature	1,231	1,397	1,403	1,312	1,478
Health Professions and Clinical Sciences	3,537	4,253	4,944	5,188	5,697
Liberal Arts and Sciences, General Studies and Humanities	1,909	2,023	2,188	2,480	2,650
Natural Resources and Conservation	385	444	555	636	612
Parks, Recreation, Leisure and Fitness Studies	529	630	628	534	564
Psychology	1,665	2,107	2,242	2,373	2,945
Security and Protective Services	808	1,053	1,327	1,376	1,774
Social Sciences	1,041	1,118	1,208	1,125	1,217
Visual and Performing Arts	610	684	759	884	913
<sup>c</sup> Data exclude awards for second majors, awards for postsecondary study of less than two years, and post-baccalaureate and post-master's certificates.					
Source: National Center for Educational Statistics, Integrated Postsecondary Education Data System. Last Update 1/19/2023					
Prepared by: New Hampshire Employment Security, Economic and Labor Market Information Bureau					
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