

New Job Numbers:

A First Look at the OEWS Survey Data for 2020-2021

NCPSSERS

May 12, 2022



A few points on the OEWS:

- **Occupational Employment & Wage Survey**, administered by the Bureau of Labor Statistics
- Annual survey, with data mainly from November and May, expressed as an **average annual number of employees by occupation** (in major and minor categories, and broad and detailed job titles)
- Much more detailed occupation taxonomy than other surveys
- Provides **wage data** as well as **number employed**
- Data can be broken down by local/state government and level/campus type
- National data only: no breakdowns by region or state

But first, here are the most recent BLS monthly job numbers, from April 2022:

BLS INDICATORS (Public Education)

<i>Seasonally-adjusted</i>	2007 Monthly Average	February 2020	APRIL 2022	Change since 2007 (PRE-GREAT RECESSION)	Pct change since 2007	Change since Feb 2020 (PRE-PANDEMIC)	Pct change since Feb 2020	Change since 1 year ago	Pct change since 1 year ago	Change since last month	Pct change since last month
BLS EMPLOYMENT											
State government ed	2.32m	2.61m	2.57m	▲ +254,542	11.1%	▼ -33,400	-1.3%	▲ +90,400	4%	▼ -1,500	-0.1%
Local government ed	7.99m	8.06m	7.75m	▼ -238,592	-3.0%	▼ -317,000	-3.9%	▲ +232,900	3%	▲ +16,900	0.2%
Public education	10.30m	10.67m	10.32m	▲ +15,950	0.2%	▼ -350,400	-3.3%	▲ +323,300	3%	▲ +15,400	0.1%

UPDATED TO APRIL 2022 DATA

Overall, the number of public educators is up 16,000 since before the Great Recession....

Notice, though, that local government ed – mostly Pre-K-12 – is actually down by 240,000 (3%)

Good news is the number of public educators is up by nearly 325,000 (3%) since April a year ago...

The bad news is that still leaves us about 350,000 down from prior to the pandemic....

...and who here thinks the educator numbers in February 2020 met the needs of our students?

February 2020's 10,670,000 public education employees was the highest number ever.

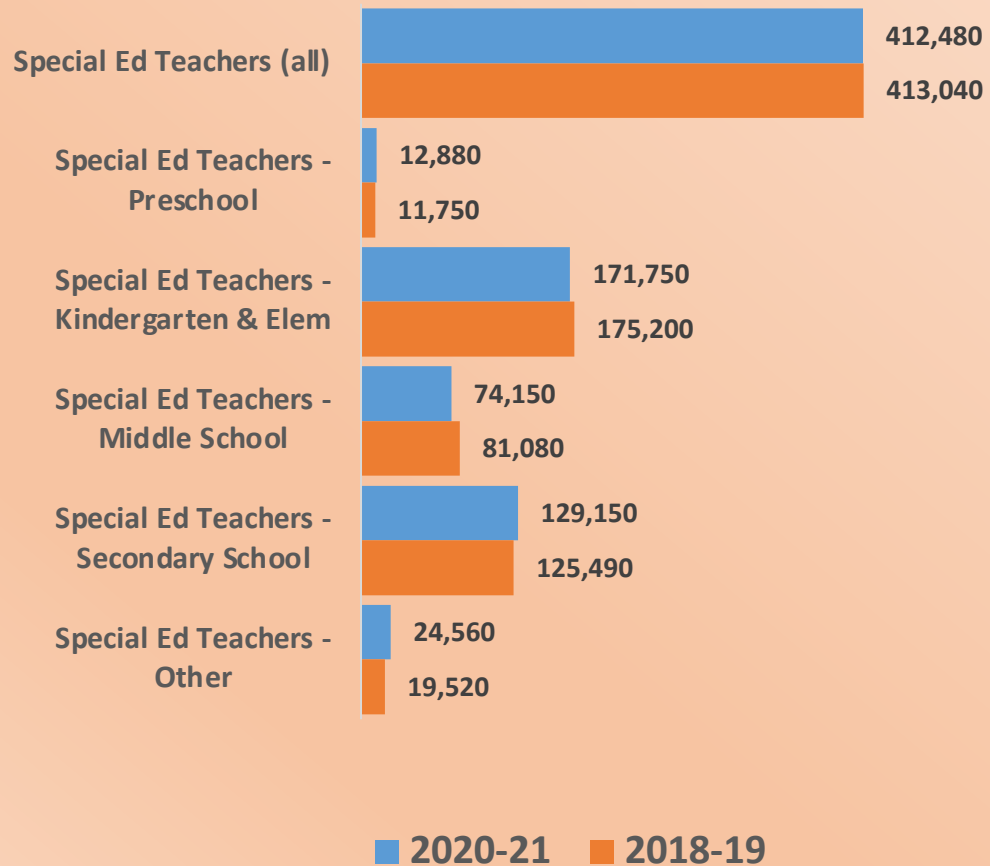
- 10,484,000 was a previous peak, early in the Great Recession.
- The nadir in the Great Recession was 10,136,000 in January 2013. That was a drop of nearly 350,000, spread out over 4 1/2 years. It wasn't until January 2019 that the number of educators returned to 10,484,000.
- With the pandemic, public ed lost nearly one million educators in just 3 months. In the 24 months since, a net of 600,000 educators have been added back to the workforce; but the deficit of 350,000 still remains.
- At the current add-back rate (over the last four months) of about 20,000 additional educators per month, we would return to February 2020 levels by about October 2023.

And now, back to our regularly-scheduled look at the new OEWS survey findings from 2020-2021.

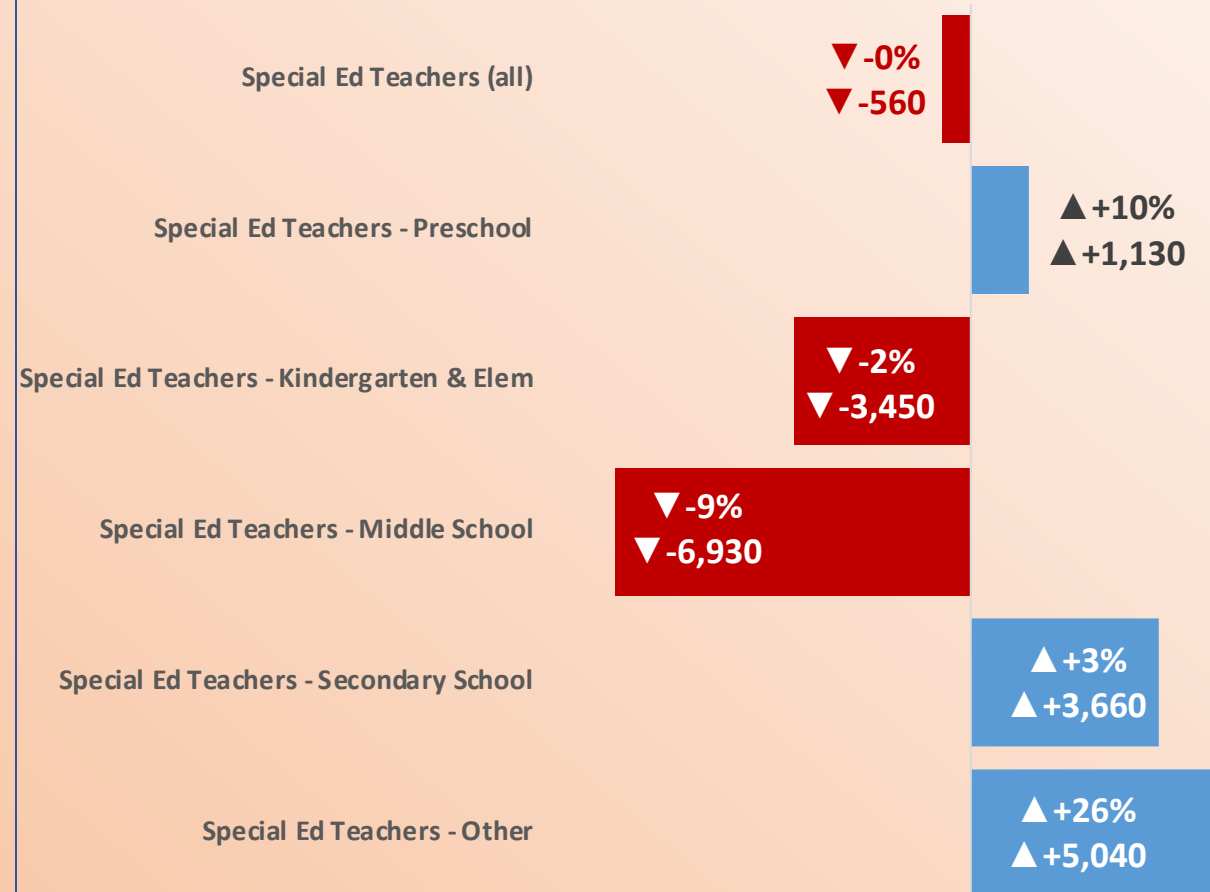
Changes in Number of Educators by Job Category

**from Pre-pandemic 2018-19
to Most Recent OEWS Data Release, 2020-21**

Special Education Teachers - 2021 & 2019 Headcounts

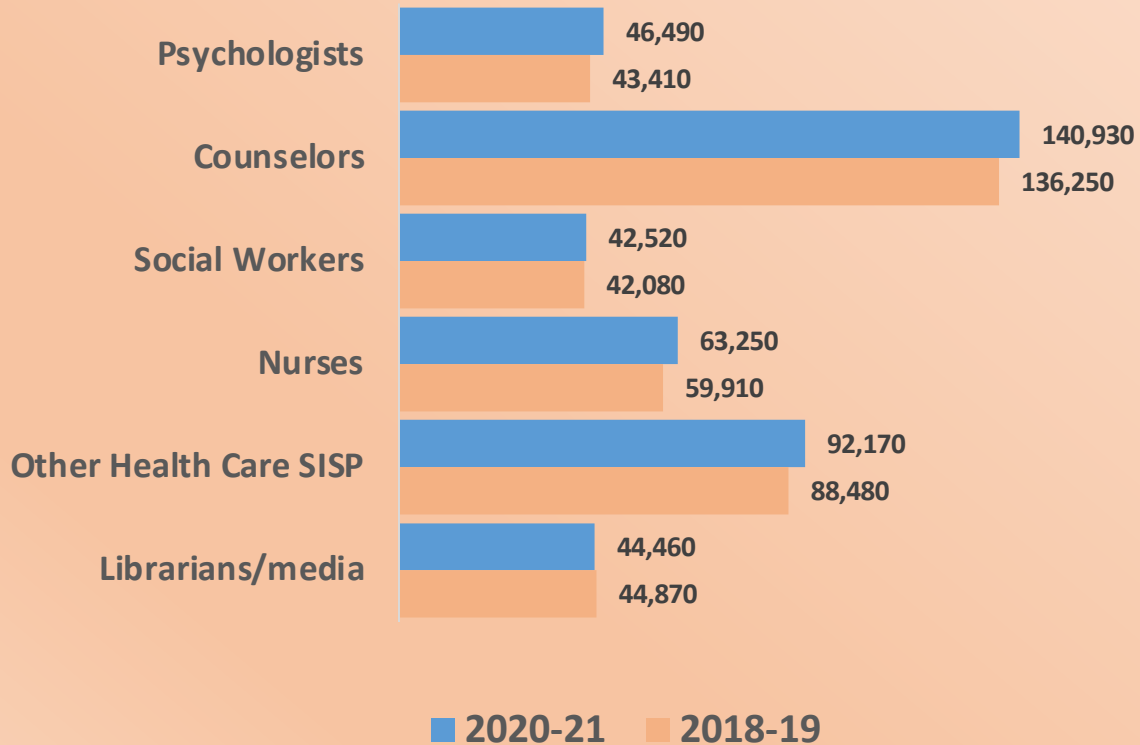


Change in Number of Special Ed Teachers 2018-19 - 2020-21

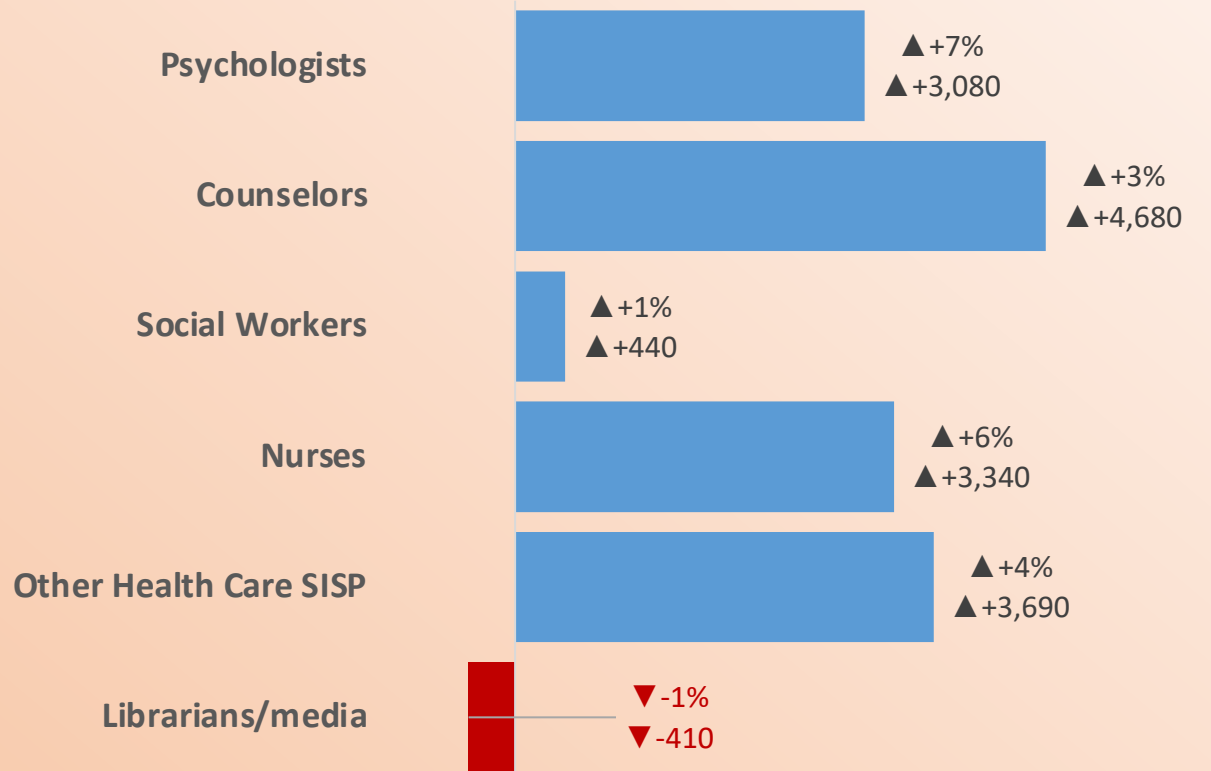


SOURCE: Bureau of Labor Statistics, Occupational Employment & Wage Statistics surveys; data in these charts are for local government education, elementary-secondary schools only. Analysis by NEA Research.

SISP Educators - 2021 & 2019 Headcounts

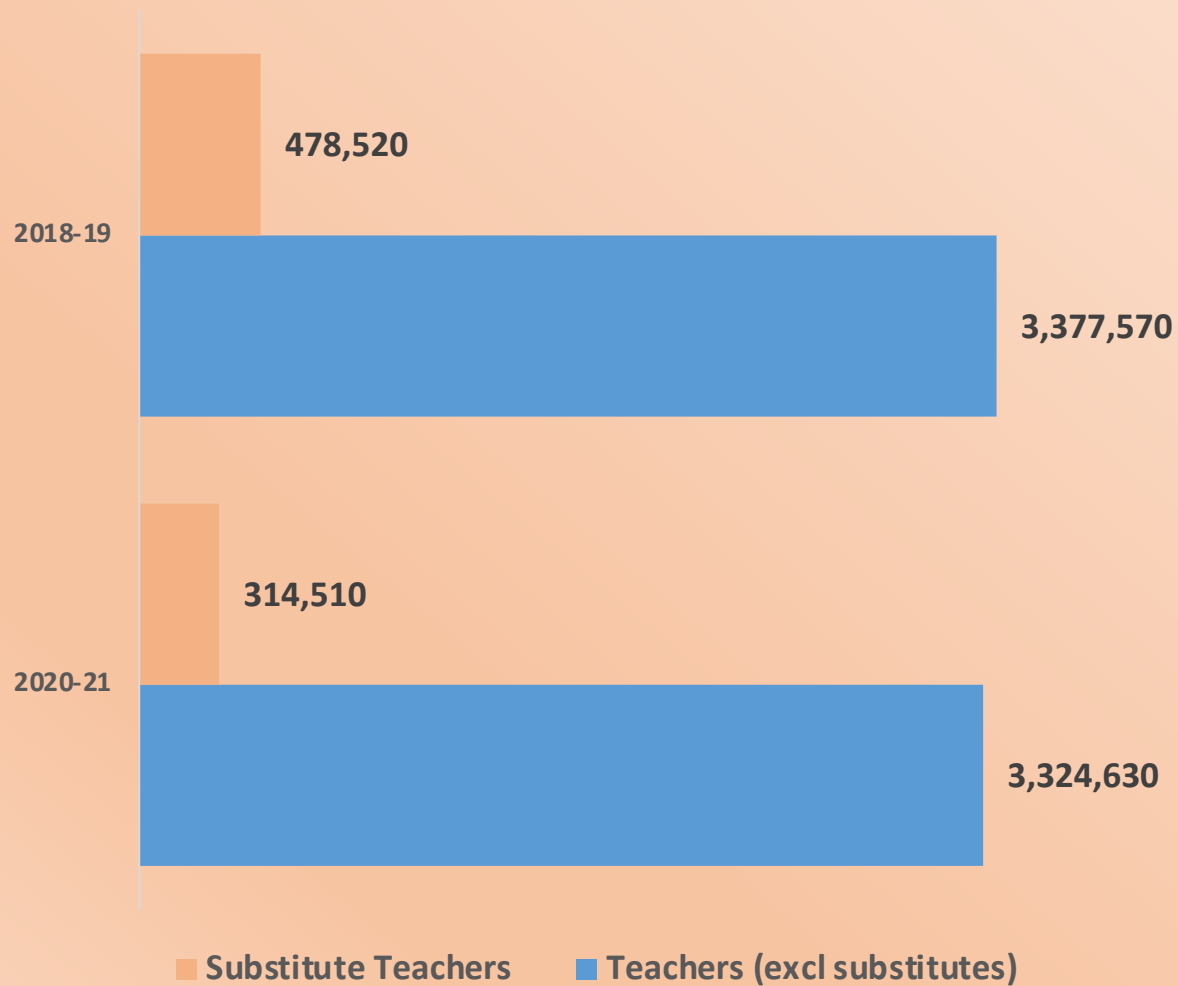


Change in Number of SISP Employees 2018-19 - 2020-21

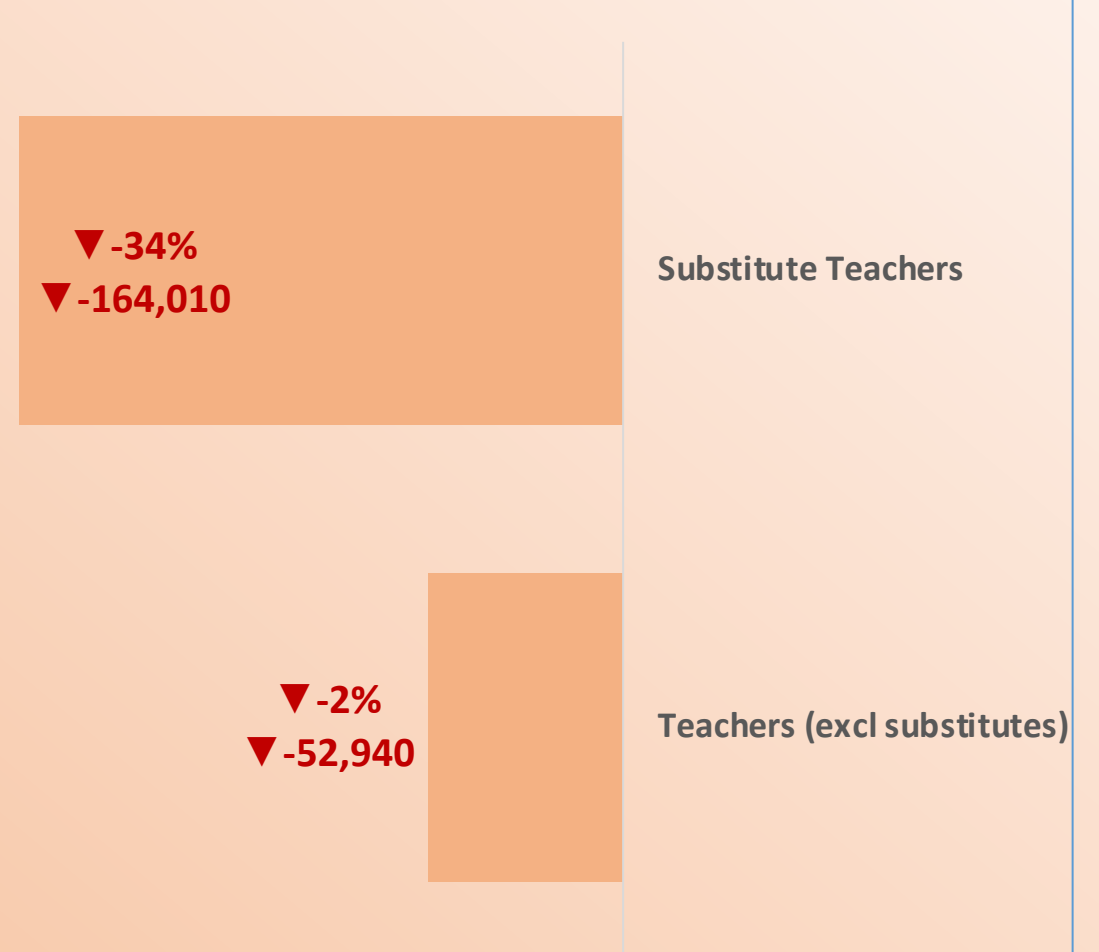


SOURCE: Bureau of Labor Statistics, Occupational Employment & Wage Statistics surveys; data in these charts are for local government education, elementary-secondary schools only. Analysis by NEA Research.

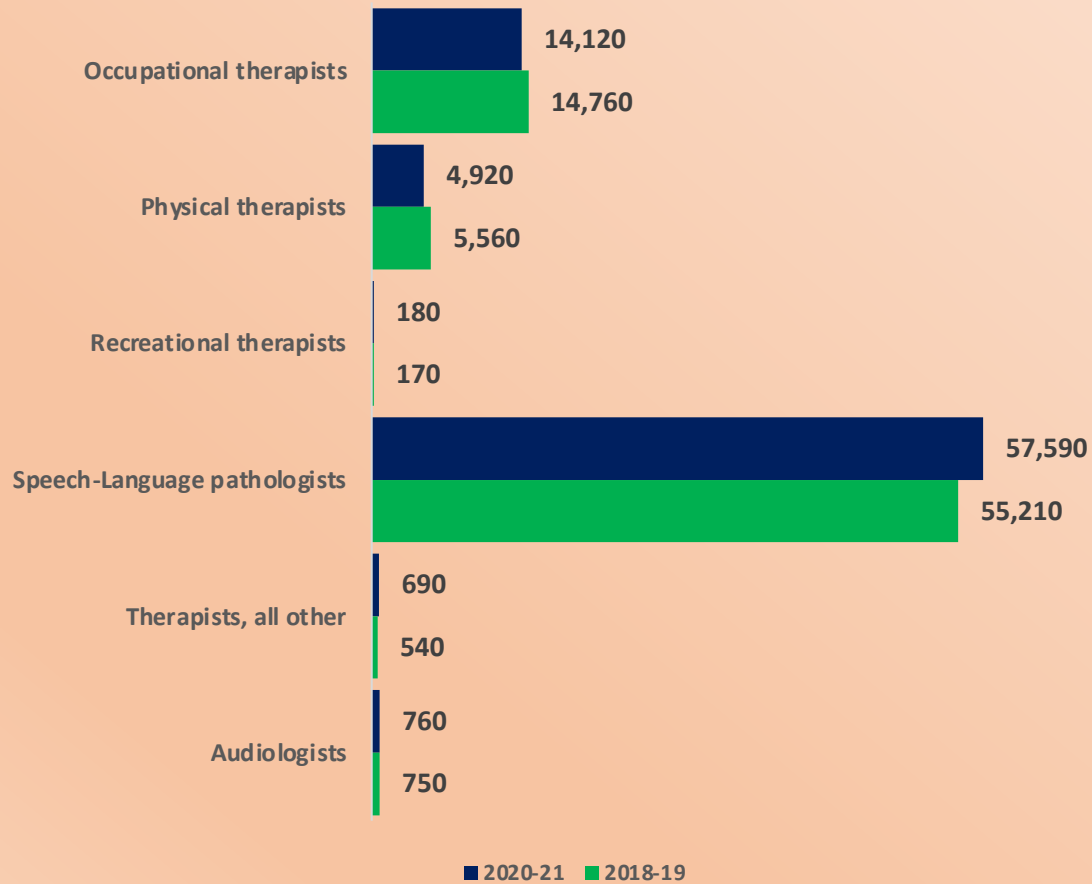
Teachers & Substitutes 2021 & 2019 Headcounts



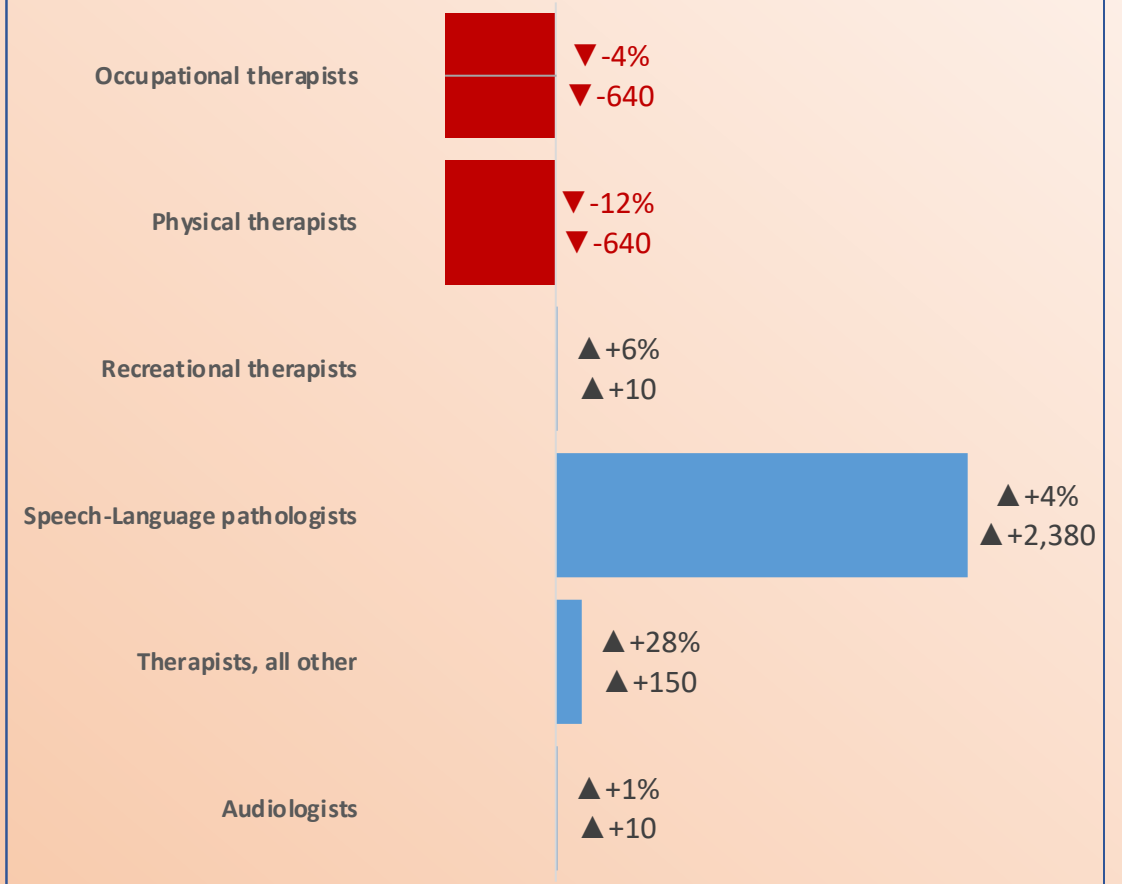
Change in Number of Special Ed Teachers 2018-19 - 2020-21



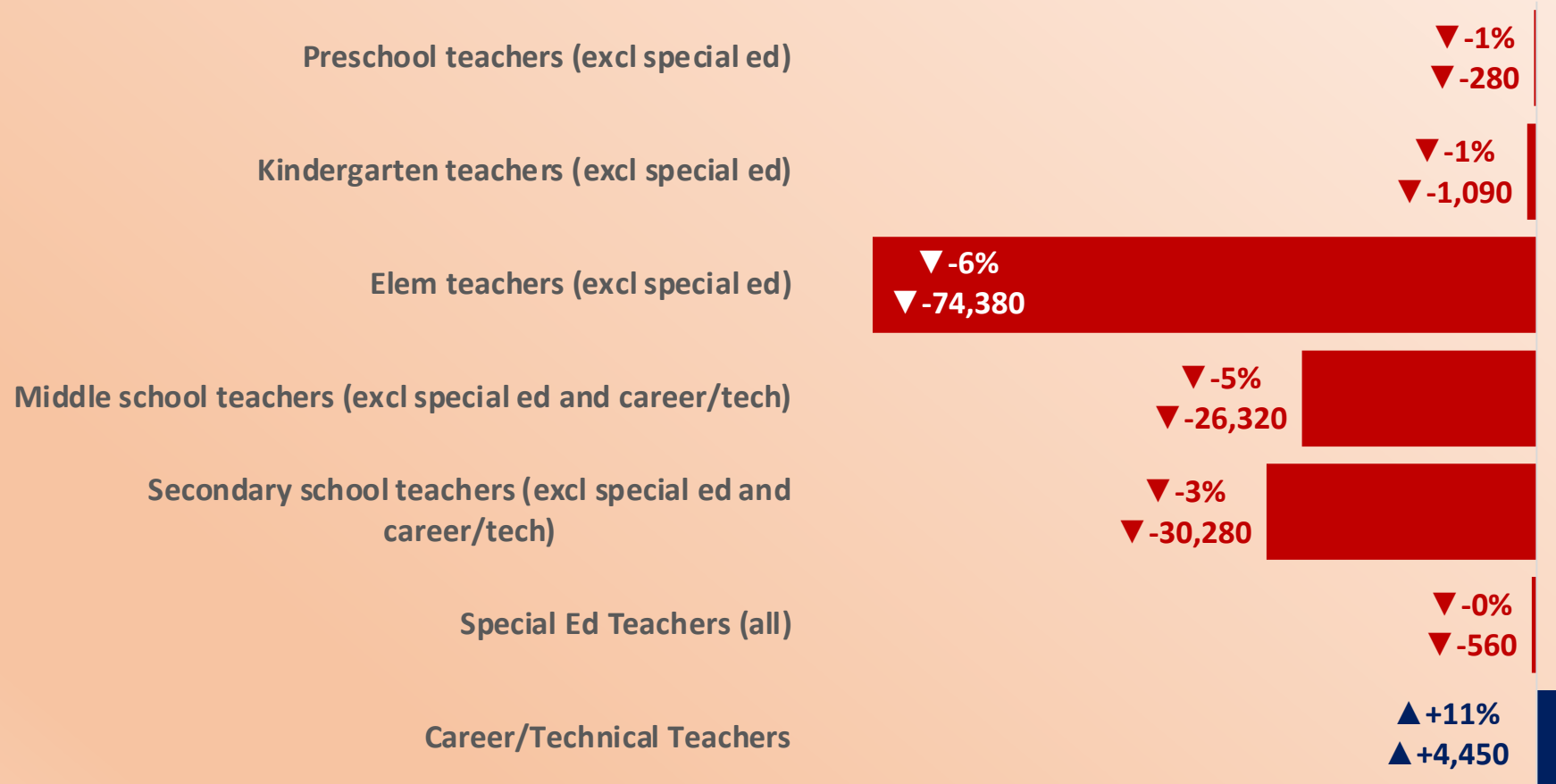
Other SISP Job Titles 2021 & 2019 Headcounts



Change in Number of Other SISP Employed 2018-19 – 2020-21



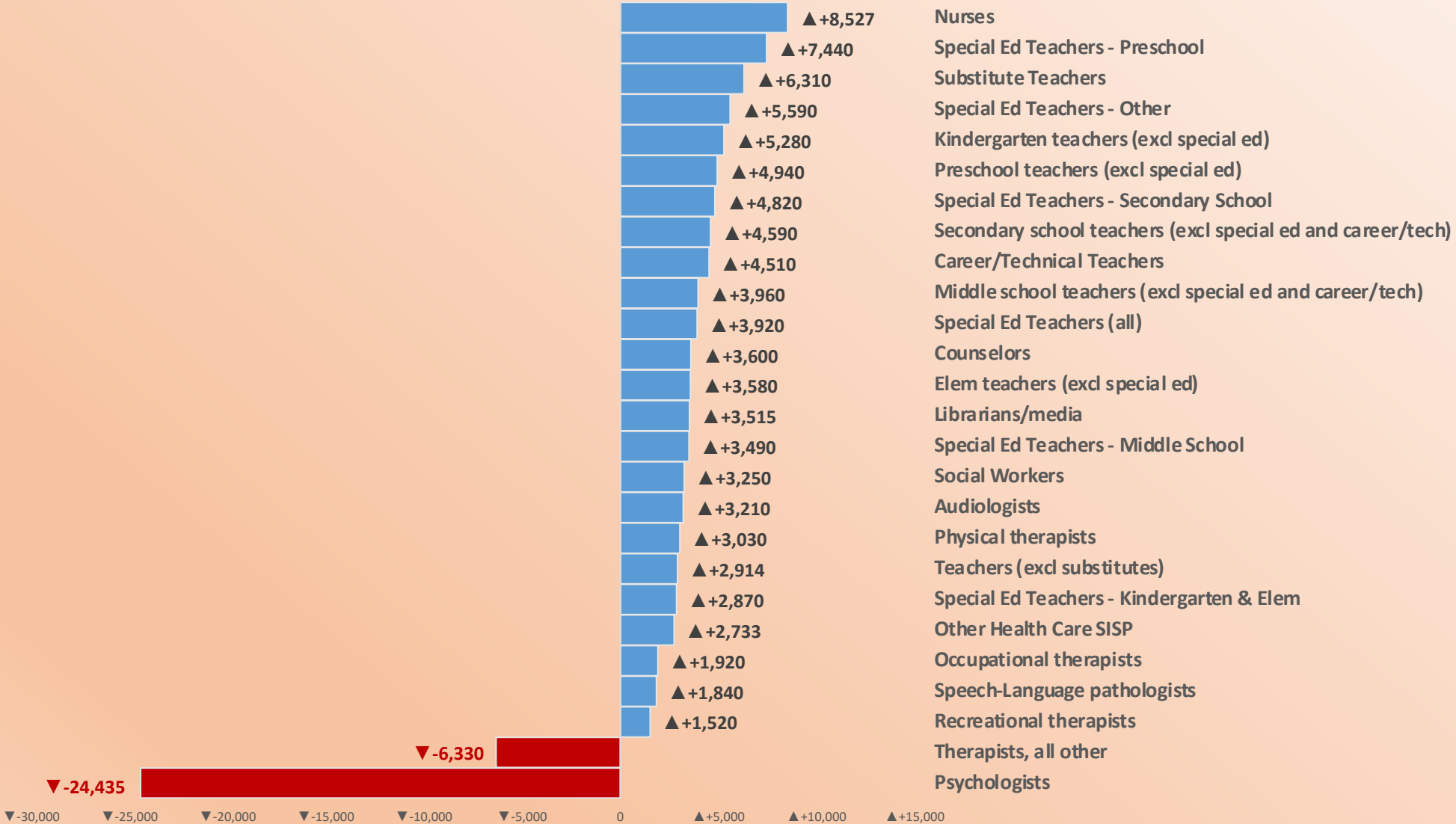
Change in Number and Percent of Teachers (by level/field) 2018-19 - 2020-21



SOURCE: Bureau of Labor Statistics, Occupational Employment & Wage Statistics surveys; data in these charts are for local government education, elementary-secondary schools only. Analysis by NEA Research.

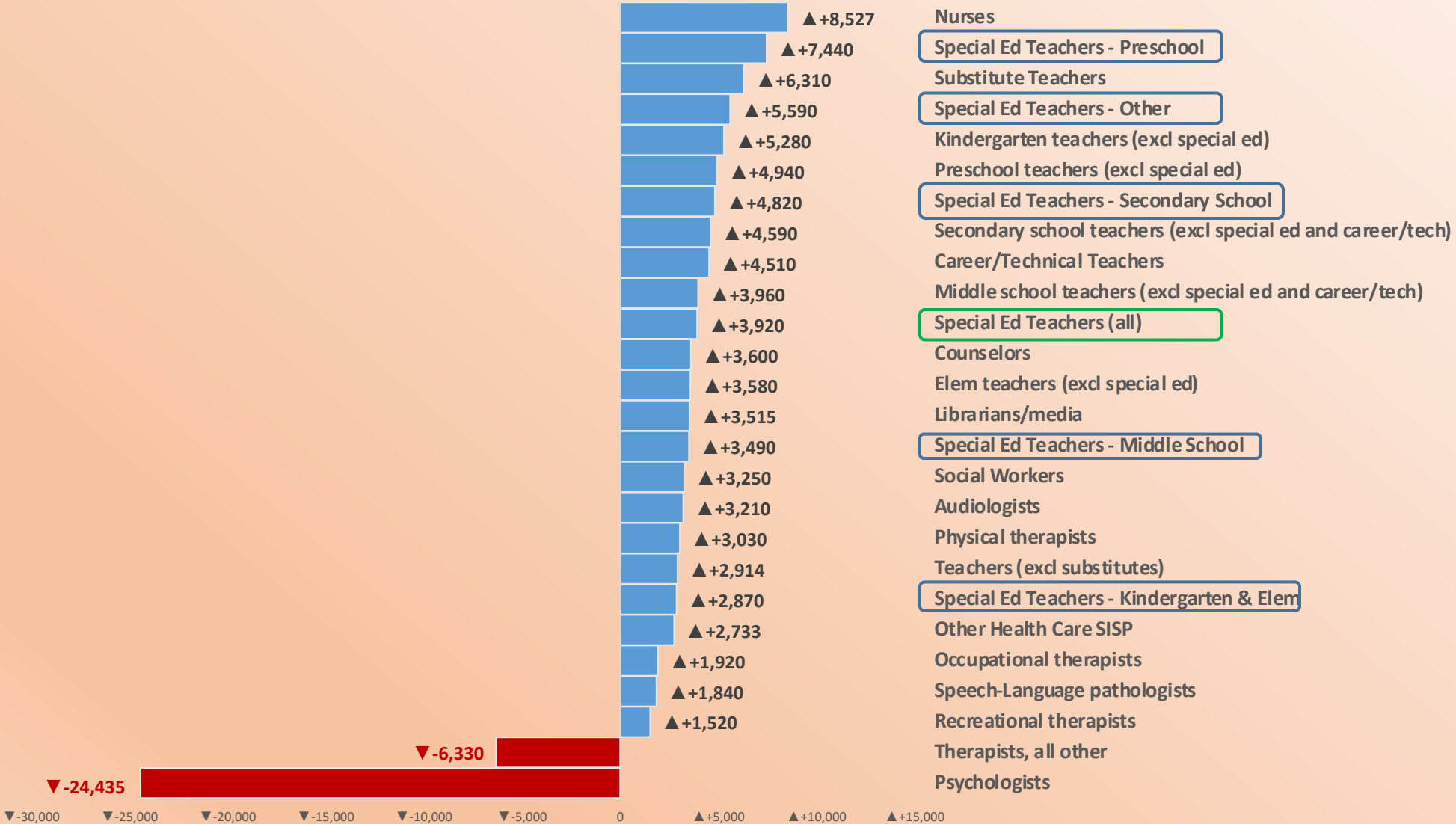
**Changes in Average
Annualized Wages for
Educators by Job Category**
from Pre-pandemic 2018-19
to Most Recent Data Release, 2020-21

Change in Annualized Mean Wages, 2018-19 to 2020-21



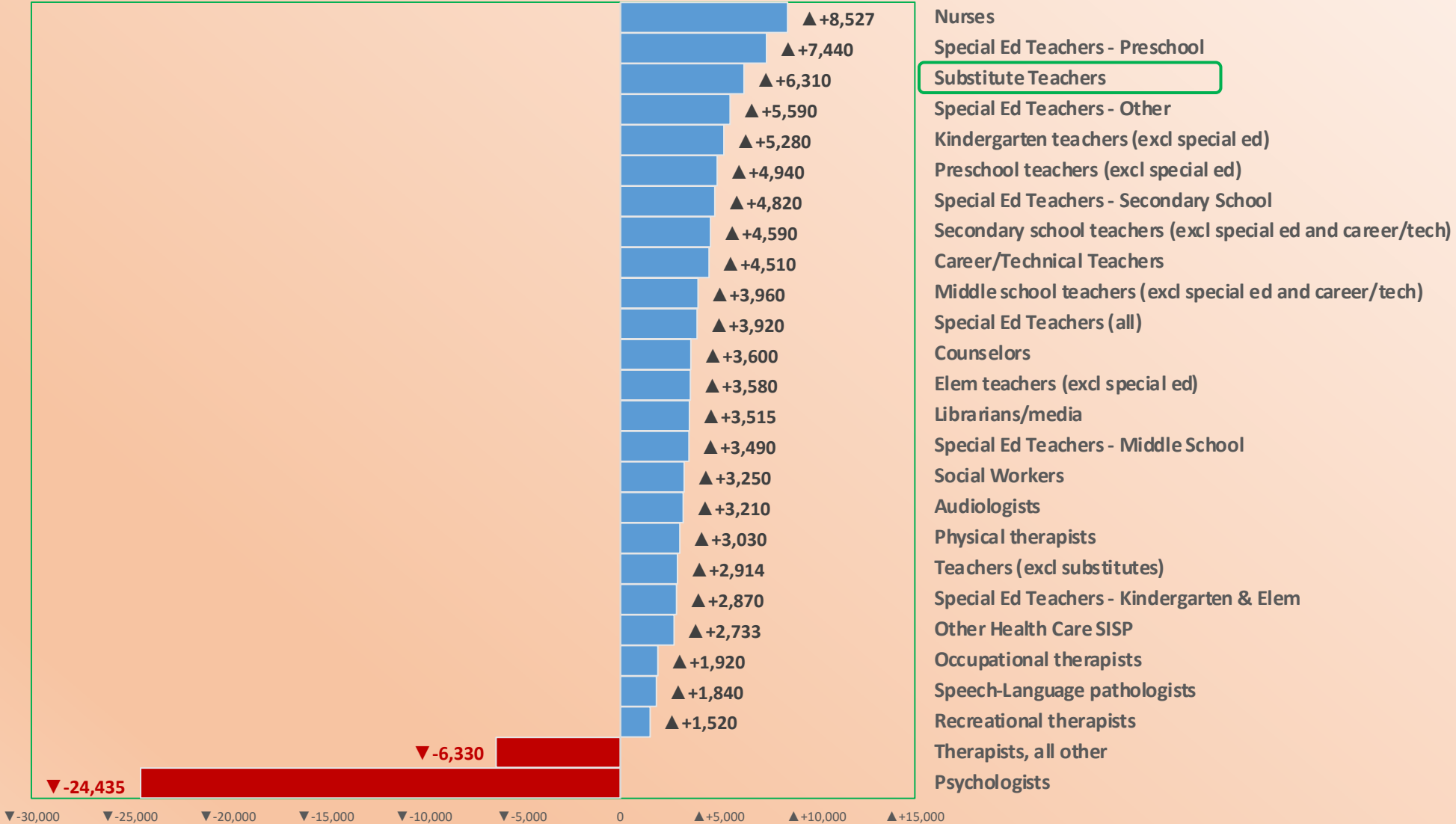
SOURCE: Bureau of Labor Statistics, Occupational Employment & Wage Statistics surveys; data in these charts are for local government education, elementary-secondary schools only. Wages are reported in current dollars, not adjusted for inflation. Analysis by NEA Research.

Change in Annualized Mean Wages, 2018-19 to 2020-21



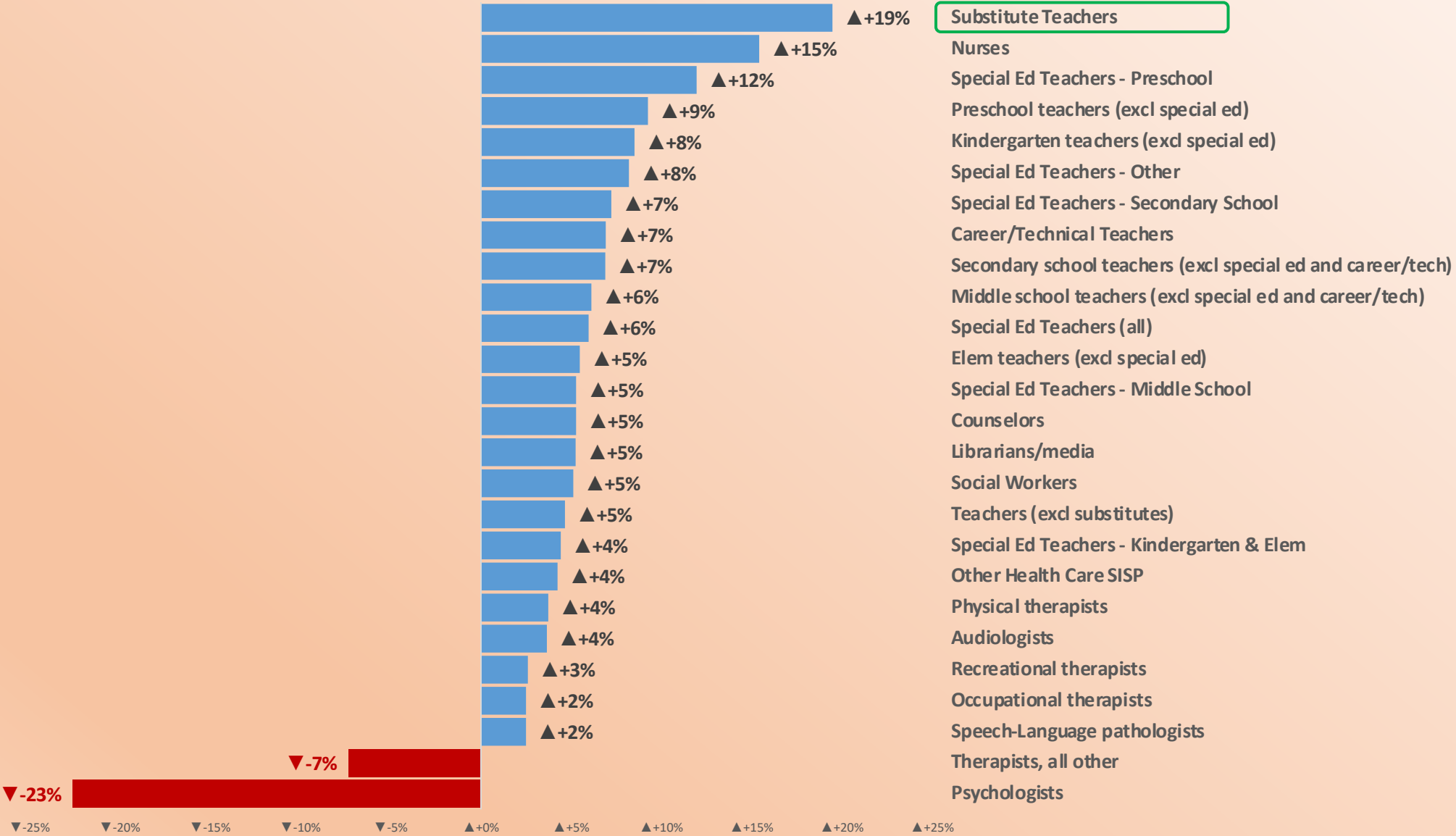
SOURCE: Bureau of Labor Statistics, Occupational Employment & Wage Statistics surveys; data in these charts are for local government education, elementary-secondary schools only. Wages are reported in current dollars, not adjusted for inflation. Analysis by NEA Research.

Change in Annualized Mean Wages, 2018-19 to 2020-21



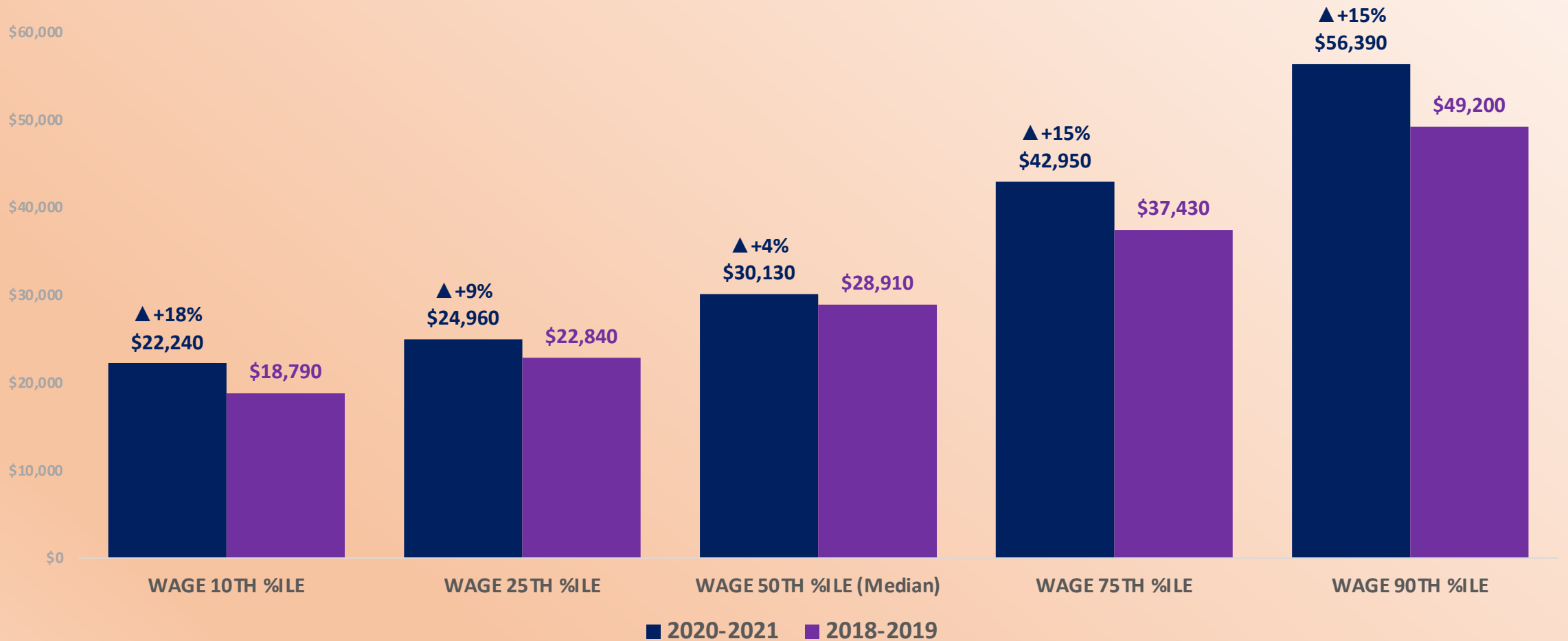
SOURCE: Bureau of Labor Statistics, Occupational Employment & Wage Statistics surveys; data in these charts are for local government education, elementary-secondary schools only. Wages are reported in current dollars, not adjusted for inflation. Analysis by NEA Research.

Percentage Change in Annualized Mean Wages, 2018-19 to 2020-21

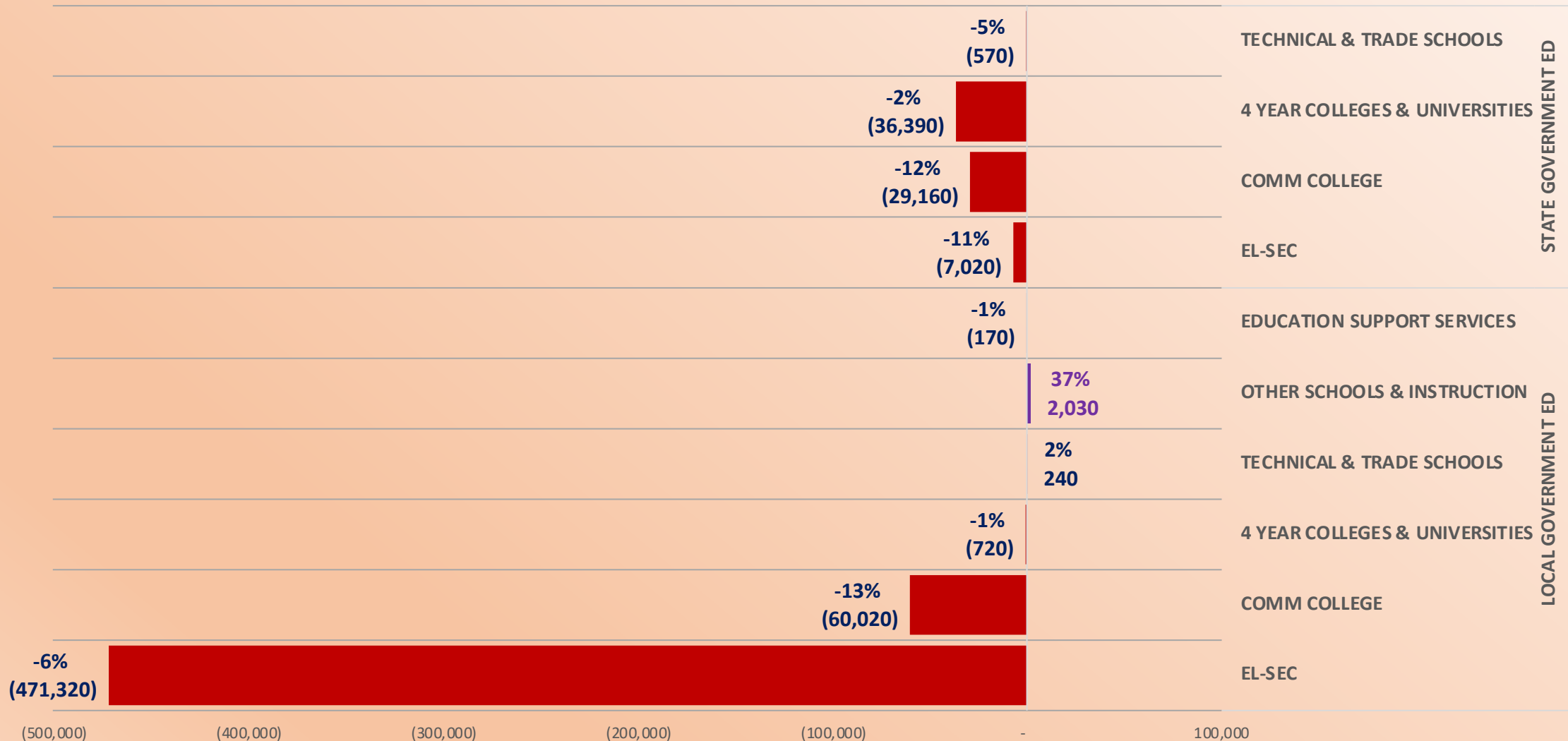


SOURCE: Bureau of Labor Statistics, Occupational Employment & Wage Statistics surveys; data in these charts are for local government education, elementary-secondary schools only. Wages are reported in current dollars, not adjusted for inflation. Analysis by NEA Research.

Annualized Wage Profile of **Substitute Teachers**, 2018-19 and 2020-21



Change in Number (and Percentage Change) of Educators at Public Education Campuses by Type and Local/State Administration, 2018-19 to 2020-21



SOURCE: Bureau of Labor Statistics, Occupational Employment & Wage Statistics surveys. Analysis by NEA Research.

**Sample Screenshots from OEWS
2020-21 Comprehensive List of
Occupations Reported by Public
Education Institutions**

Special Education Teachers, annualized wages profile

ANNUALIZED WAGE DATA FOR 2020-2021		1 LOCAL GOVT ED																
		611100 El-Sec							611200 Junior Colleges					611300 Colleges, U				
<i>Wages are reported as an annual full-time wage, regardless of how many hours were actually worked</i>		TOTAL EMPLOYED	ANNUALIZED MEAN WAGE 2021	WAGE 10TH %ILE	WAGE 25TH %ILE	WAGE 50TH %ILE	WAGE 75TH %ILE	WAGE 90TH %ILE	TOTAL EMPLOYED	ANNUALIZED MEAN WAGE 2021	WAGE 10TH %ILE	WAGE 25TH %ILE	WAGE 50TH %ILE	WAGE 75TH %ILE	WAGE 90TH %ILE	TOTAL EMPLOYED	ANNUALIZED MEAN WAGE 2021	WAGE 10TH %ILE
25-2050 Special Education Teachers	broad	412,480	69,730	47,310	49,730	62,070	78,850	100,100	40	41,090	24,170	30,950	30,950	53,700	61,210			
25-2051 Special Education Teachers, Preschool	detailed	12,880	69,710	46,840	50,130	62,420	79,120	99,810										
25-2052 Special Education Teachers, Kindergarten and Elementary School	detailed	171,750	67,790	47,310	49,120	61,820	78,190	99,100										
25-2057 Special Education Teachers, Middle School	detailed	74,150	69,590	47,310	49,730	61,820	78,920	100,310										
25-2058 Special Education Teachers, Secondary School	detailed	129,150	71,630	47,310	51,240	62,420	79,210	101,070										
25-2059 Special Education Teachers, All Other	detailed	24,560	73,760	46,370	49,230	62,680	90,970	104,370	40	41,090	24,170	30,950	30,950	53,700	61,210			

Psychologists, numbers of

OEWS 2021 EMPLOYEE COUNTS BY OCCUPATION CODE & GROUP		1 LOCAL GOVT ED						2 STATE GOVT ED				TOTALS		
		611100 El-Sec	611200 Junior Colleges	611300 Colleges, Universities, and Professional Schools	611500 Technical and Trade Schools	611600 Other Schools and Instruction	611700 Educational Support Services	611100 El-Sec	611200 Junior Colleges	611300 Colleges, Universities, and Professional Schools	611500 Technical and Trade Schools	LOCAL TOTAL	STATE TOTAL	GRAND TOTAL
19-3000 Social Scientists and Related Workers	minor	46,590	70	70			1,550	260	70	6,950		48,280	7,280	55,560
19-3020 Survey Researchers	broad									580		-	580	580
19-3022 Survey Researchers	detailed									580		-	580	580
19-3030 Psychologists	broad	46,490	60				1,530	260	50	2,540		48,080	2,850	50,930
19-3032 Industrial-Organizational Psychologists	detailed									230		-	230	230
19-3033 Clinical and Counseling Psychologists	detailed	530					60			910		590	910	1,500
19-3034 School Psychologists	detailed	45,790	50				1,470	240	30	780		47,310	1,050	48,360
19-3039 Psychologists, All Other	detailed	140								620		140	620	760
19-3040 Sociologists	broad									260		-	260	260
19-3041 Sociologists	detailed									260		-	260	260
19-3090 Miscellaneous Social Scientists and Related Workers	broad	80		30						3,190		110	3,190	3,300
19-3091 Anthropologists and Archeologists	detailed									300		-	300	300
19-3092 Geographers	detailed									100		-	100	100
19-3093 Historians	detailed									40		-	40	40
19-3094 Political Scientists	detailed									170		-	170	170
19-3099 Social Scientists and Related Workers, All Other	detailed	80		30						2,580		110	2,580	2,690

SOURCE: Bureau of Labor Statistics, Occupational Employment & Wage Statistics surveys. Analysis by NEA Research.

Counselors, numbers of

OEWS 2021 EMPLOYEE COUNTS BY OCCUPATION CODE & GROUP		1 LOCAL GOVT ED						2 STATE GOVT ED				TOTALS		
		611100 El-Sec	611200 Junior Colleges	611300 Colleges, Universities, and Professional Schools	611500 Technical and Trade Schools	611600 Other Schools and Instruction	611700 Educational Support Services	611100 El-Sec	611200 Junior Colleges	611300 Colleges, Universities, and Professional Schools	611500 Technical and Trade Schools	LOCAL TOTAL	STATE TOTAL	GRAND TOTAL
21-1010 Counselors	broad	140,930	15,200	1,150	350	130	1,080	1,720	7,190	39,470	250	158,840	48,630	207,470
21-1012 Educational, Guidance, and Career Counselors and Advisors	detailed	131,780	14,920	1,100	350	90	870	1,640	7,010	36,610	250	149,110	45,510	194,620
21-1013 Marriage and Family Therapists	detailed	70										70	-	70
21-1015 Rehabilitation Counselors	detailed	290	30					50		210		320	260	580
21-1018 Substance Abuse, Behavioral Disorder, and Mental Health Counselors	detailed	7,560	180	40			170		80	1,770		7,950	1,850	9,800
21-1019 Counselors, All Other	detailed	1,220	70						90	860		1,290	950	2,240
21-1020 Social Workers	broad	42,520	260	290		50	820	600	350	2,930		43,940	3,880	47,820
21-1021 Child, Family, and School Social Workers	detailed	40,650	220	90		40	810	600	180	1,270		41,810	2,050	43,860
21-1022 Healthcare Social Workers	detailed	210								1,210		210	1,210	1,420
21-1023 Mental Health and Substance Abuse Social Workers	detailed	770								240		770	240	1,010
21-1029 Social Workers, All Other	detailed								150	210		-	360	360
21-1090 Miscellaneous Community and Social Service Specialists	broad	12,950	1,400	140		130	430	140	370	6,110		15,050	6,620	21,670
21-1091 Health Education Specialists	detailed	470	40				30			1,320		540	1,320	1,860
21-1093 Social and Human Service Assistants	detailed	7,060	770	40			340	60	180	2,410		8,210	2,650	10,860
21-1094 Community Health Workers	detailed	390								1,260		390	1,260	1,650
21-1099 Community and Social Service Specialists, All Other	detailed	5,020	560	50		50	40	80	130	1,110		5,720	1,320	7,040



Dwight Holmes
NEA Research
dholmes@nea.org