



**ASHA**  
American  
Speech-Language-Hearing  
Association

Annual Workforce Data:  
2023 ASHA-Certified Audiologist- and  
Speech-Language Pathologist-to-Population Ratios

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## Introduction

This report presents the most current ASHA-certified audiologist- and speech-language pathologist (SLP)-to population ratios for the United States overall and by region, division, and state. Ratios for recent past years are also provided for trend purposes. Answers to frequently asked questions are given. The sources for this report are ASHA's membership and affiliation data and population estimates from the U.S. Census Bureau.

## Suggested Citation

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## Report Highlights

### ASHA-Certified Audiologists

In 2023:

- Nationwide, there were 4.1 ASHA-certified audiologists for every 100,000 residents—about the same as recent past years (4.0–4.1 from 2010 to 2021 and 4.2 in 2022).
- Across regions, the Midwest and the Northeast had the highest number of ASHA-certified audiologists per 100,000 residents (4.9); the West had the lowest (3.3).
- Across divisions, the West North Central states had the highest number of ASHA-certified audiologists per 100,000 residents (5.8); the Pacific states had the lowest (2.6).
- Across states and the District of Columbia, Colorado had the highest number of ASHA-certified audiologists per 100,000 residents (7.5), followed by South Dakota (7.1). California had the lowest (2.0).

### ASHA-Certified SLPs

In 2023:

- Nationwide, there were 60.8 ASHA-certified SLPs for every 100,000 residents—up steadily from 41.4 in 2010.
- Across regions, the Northeast had the highest number of ASHA-certified SLPs per 100,000 residents (82.6); the West had the lowest (47.3).
- Across divisions, the Middle Atlantic states had the highest number of ASHA-certified SLPs per 100,000 residents (85.2); the Pacific states had the lowest (44.5).
- Across states and the District of Columbia, Arkansas had the highest number of ASHA-certified SLPs per 100,000 residents (98.2), followed by New York (94.4). Nevada had the lowest (32.7).

**Table 1. ASHA-certified audiologist- and SLP-to-population ratios, by state and by state rank, 2023.**

State	Resident population	ASHA-certified audiologists			ASHA-certified SLPs		
		Number	Number per 100,000 residents	State rank	Number	Number per 100,000 residents	State rank
Alabama	5,108,468	275	5.4	17	2,544	49.8	43
Alaska	733,406	43	5.9	9	427	58.2	32
Arizona	7,431,344	327	4.4	31	3,326	44.8	48
Arkansas	3,067,732	130	4.2	33	3,013	98.2	1
California	38,965,193	787	2.0	51	16,450	42.2	49
Colorado	5,877,610	440	7.5	1	4,174	71.0	12
Connecticut	3,617,176	198	5.5	14	2,813	77.8	6
Delaware	1,031,890	51	4.9	24	555	53.8	39
District of Columbia	678,972	40	5.9	8	404	59.5	29
Florida	22,610,726	727	3.2	45	12,096	53.5	40
Georgia	11,029,227	363	3.3	43	5,490	49.8	44
Hawaii	1,435,138	49	3.4	42	566	39.4	50
Idaho	1,964,726	61	3.1	46	1,043	53.1	41
Illinois	12,549,689	491	3.9	38	9,652	76.9	7
Indiana	6,862,199	310	4.5	29	3,714	54.1	38
Iowa	3,207,004	173	5.4	16	1,491	46.5	47
Kansas	2,940,546	186	6.3	4	2,006	68.2	18
Kentucky	4,526,154	138	3.0	47	3,133	69.2	16
Louisiana	4,573,749	243	5.3	18	3,204	70.1	15
Maine	1,395,722	73	5.2	20	955	68.4	17
Maryland	6,180,253	359	5.8	10	3,858	62.4	24
Massachusetts	7,001,399	441	6.3	5	5,372	76.7	8
Michigan	10,037,261	409	4.1	36	5,794	57.7	33
Minnesota	5,737,915	317	5.5	13	3,491	60.8	27
Mississippi	2,939,690	148	5.0	21	1,839	62.6	23
Missouri	6,196,156	328	5.3	19	4,372	70.6	13
Montana	1,132,812	29	2.6	49	627	55.3	34
Nebraska	1,978,379	139	7.0	3	1,465	74.1	9
Nevada	3,194,176	75	2.3	50	1,043	32.7	51
New Hampshire	1,402,054	48	3.4	41	1,019	72.7	10
New Jersey	9,290,841	379	4.1	35	8,021	86.3	3
New Mexico	2,114,371	86	4.1	37	1,400	66.2	19
New York	19,571,216	971	5.0	23	18,470	94.4	2
North Carolina	10,835,491	467	4.3	32	6,738	62.2	26
North Dakota	783,926	44	5.6	11	629	80.2	4
Ohio	11,785,935	588	5.0	22	7,543	64.0	22
Oklahoma	4,053,824	170	4.2	34	2,522	62.2	25
Oregon	4,233,358	155	3.7	39	2,327	55.0	35
Pennsylvania	12,961,683	588	4.5	27	9,122	70.4	14
Rhode Island	1,095,962	50	4.6	26	781	71.3	11
South Carolina	5,373,555	176	3.3	44	3,236	60.2	28
South Dakota	919,318	65	7.1	2	540	58.7	31
Tennessee	7,126,489	444	6.2	6	3,871	54.3	37
Texas	30,503,301	913	3.0	48	16,674	54.7	36
Utah	3,417,734	189	5.5	12	1,692	49.5	46
Vermont	647,464	39	6.0	7	509	78.6	5
Virginia	8,715,698	388	4.5	30	4,582	52.6	42
Washington	7,812,880	354	4.5	28	3,885	49.7	45
West Virginia	1,770,071	82	4.6	25	1,048	59.2	30
Wisconsin	5,910,955	320	5.4	15	3,842	65.0	21
Wyoming	584,057	21	3.6	40	385	65.9	20
U.S.	334,914,895	13,887	4.1	—	203,753	60.8	—

Source: Resident population estimates are from the U.S. Census Bureau, Population Division. Audiologist and SLP numbers are from ASHA. Numbers of audiologists and SLPs per 100,000 residents are rounded.

**Table 2a.** ASHA-certified audiologist- and SLP-to-population ratios, by region and by division, 2023.

Regions and divisions	Resident population	ASHA-certified audiologists		ASHA-certified SLPs	
		Number	Number per 100,000 residents	Number	Number per 100,000 residents
Northeast	56,983,517	2,787	4.9	47,062	82.6
New England	15,159,777	849	5.6	11,449	75.5
Middle Atlantic	41,823,740	1,938	4.6	35,613	85.2
Midwest	68,909,283	3,370	4.9	44,539	64.6
East North Central	47,146,039	2,118	4.5	30,545	64.8
West North Central	21,763,244	1,252	5.8	13,994	64.3
South	130,125,290	5,114	3.9	74,807	57.5
South Atlantic	68,225,883	2,653	3.9	38,007	55.7
East South Central	19,700,801	1,005	5.1	11,387	57.8
West South Central	42,198,606	1,456	3.5	25,413	60.2
West	78,896,805	2,616	3.3	37,345	47.3
Mountain	25,716,830	1,228	4.8	13,690	53.2
Pacific	53,179,975	1,388	2.6	23,655	44.5
U.S.	334,914,895	13,887	4.1	203,753	60.8

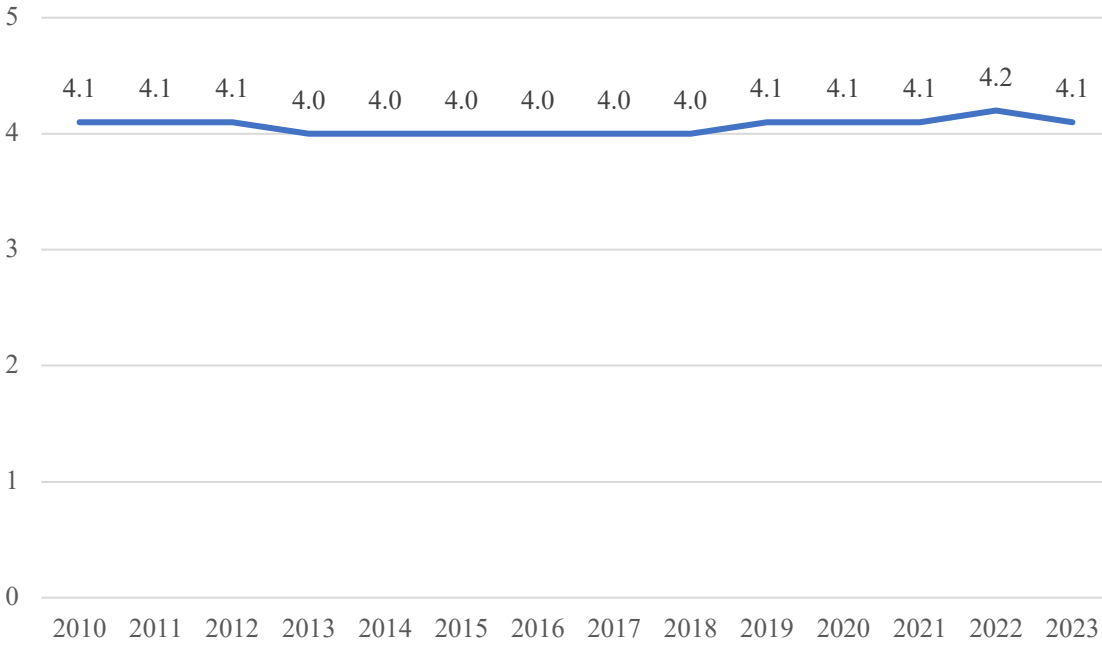
Source: Resident population estimates are from the U.S. Census Bureau, Population Division. Audiologist and SLP numbers are from ASHA. Numbers of audiologists and SLPs per 100,000 residents are rounded.

**Table 2b.** U.S. Census Bureau regions and divisions with corresponding states and the District of Columbia.

Regions and divisions	Corresponding states and District of Columbia
Northeast	
New England	CT, ME, MA, NH, RI, VT
Middle Atlantic	NJ, NY, PA
Midwest	
East North Central	IL, IN, MI, OH, WI
West North Central	IA, KS, MN, MO, NE, ND, SD
South	
South Atlantic	DE, DC, FL, GA, MD, NC, SC, VA, WV
East South Central	AL, KY, MS, TN
West South Central	AR, LA, OK, TX
West	
Mountain	AZ, CO, ID, MT, NV, NM, UT, WY
Pacific	AK, CA, HI, OR, WA

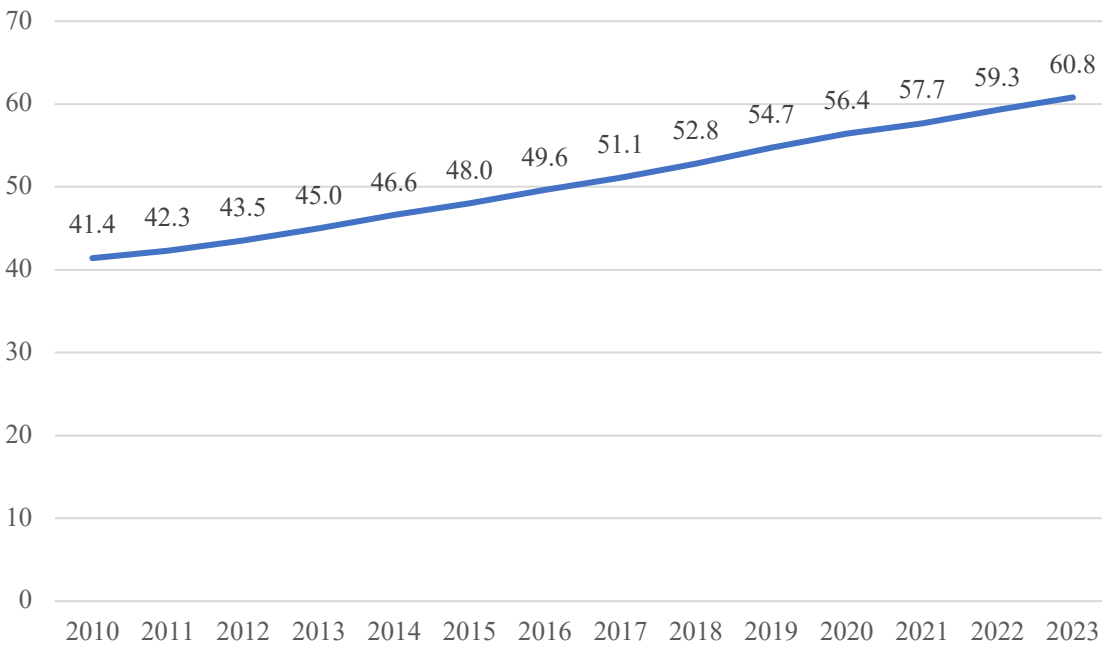
Source: U.S. Census Bureau.

**Figure 1.** *Nationwide ASHA-certified audiologist-to-population ratios, 2010–2023.*



Source: U.S. Census Bureau, Population Division, and ASHA. Ratios are rounded.

**Figure 2.** *Nationwide ASHA-certified SLP-to-population ratios, 2010–2023.*



Source: U.S. Census Bureau, Population Division, and ASHA. Ratios are rounded.

## Frequently Asked Questions

### **What are audiologist- and SLP-to-population ratios?**

The ratios represent the number of ASHA-certified audiologists and SLPs for every 100,000 residents in a given geographic area (e.g., the U.S. overall, region, division, or state).

### **How do we calculate audiologist- and SLP-to-population ratios?**

The number of ASHA-certified audiologists or SLPs in a given geographic area is divided by the resident population of that area. The resulting number is then multiplied by 100,000 to arrive at the number of audiologists or SLPs per 100,000 residents in the area. For example, Hawaii had 566 ASHA-certified SLPs and 1,435,138 residents in 2023. Its SLP-to-population ratio is then calculated as  $(566 \div 1,435,138) \times 100,000 = 39.4$ . In other words, there were about 39 ASHA-certified SLPs for every 100,000 Hawaii residents in 2023.

### **What is the source of audiologist and SLP counts?**

ASHA presents yearly counts of audiologists and SLPs nationwide and by state. These counts are available in Table 3 of the 2023 Member & Affiliate Profile report on [ASHA's website](#).

### **What is the source of resident population estimates?**

The U.S. Census Bureau of the U.S. Department of Commerce estimates resident populations for the nation, regions, and states on an annual basis. These estimates are available on the [Bureau's website](#).

### **What is a “good” audiologist- or SLP-to-population ratio?**

ASHA presents audiologist- and SLP-to-population ratios; we do not determine ideal ratios for geographic areas. However, “good” ratios vary by area and depend on many factors, such as population density, client/patient demographics, service needs, and the presence of support personnel.

### **Why are audiologist- and SLP-to-population ratios important?**

The ratios enable us to compare the distribution of ASHA-certified audiologists and SLPs in two or more geographic areas. Also, the ratios can be used to (a) effect policy changes to ensure that all populations are adequately served, (b) determine trends, (c) offer information for individuals entering or reentering the workforce, or considering relocation, and (d) potentially foster growth of the professions within a given area.

### **Still have questions or require additional information?**

Contact Larry Liu, senior statistician, at [lliu@asha.org](mailto:lliu@asha.org) or [data@asha.org](mailto:data@asha.org).