



ASHA
American
Speech-Language-Hearing
Association

Annual Workforce Data:
2022 ASHA-Certified Audiologist- and
Speech-Language Pathologist-to-Population Ratios

Gail P. Brook, Associate Director
American Speech-Language-Hearing Association
2200 Research Boulevard
Rockville, MD 20850-3289
August 2023

Contents

Introduction.....	3
Suggested Citation.....	3
Report Highlights.....	3
Data Tables.....	4
Table 1. ASHA-certified audiologist- and SLP-to-population ratios, by state and by state rank, 2022	4
Table 2a. ASHA-certified audiologist- and SLP-to-population ratios, by region and by division, 2022.....	5
Table 2b. U.S. Census Bureau regions and divisions with corresponding states and the District of Columbia.....	5
Figures.....	6
Figure 1. Nationwide ASHA-certified audiologist-to-population ratios, 2010–2022.....	6
Figure 2. Nationwide ASHA-certified SLP-to-population ratios, 2010–2022.....	6
Frequently Asked Questions.....	7

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

American Speech-Language-Hearing Association. (2023). *Annual workforce data: 2022 ASHA-certified audiologist- and speech-language pathologist-to-population ratios*. www.asha.org

Report Highlights

ASHA-Certified Audiologists

In 2022:

- Nationwide, there were 4.2 ASHA-certified audiologists for every 100,000 residents—up slightly from recent past years (4.0–4.1 from 2010 to 2021).
- Across regions, the Midwest 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 (7.7), followed by Nebraska (7.1). California had the lowest (2.0).

ASHA-Certified SLPs

In 2022:

- Nationwide, there were 59.3 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 (80.3); the West had the lowest (45.9).
- Across divisions, the Middle Atlantic states had the highest number of ASHA-certified SLPs per 100,000 residents (82.5); the Pacific states had the lowest (43.0).
- Across states and the District of Columbia, Arkansas had the highest number of ASHA-certified SLPs per 100,000 residents (95.4), followed by New York (91.5). Nevada had the lowest (30.2).

Table 1. ASHA-certified audiologist- and SLP-to-population ratios, by state and by state rank, 2022.

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	5,074,296	270	5.3	18	2,416	47.6	46
Alaska	733,583	40	5.5	13	421	57.4	29
Arizona	7,359,197	323	4.4	31	3,240	44.0	48
Arkansas	3,045,637	134	4.4	30	2,905	95.4	1
California	39,029,342	800	2.0	51	15,915	40.8	49
Colorado	5,839,926	448	7.7	1	4,050	69.4	11
Connecticut	3,626,205	199	5.5	11	2,703	74.5	8
Delaware	1,018,396	49	4.8	24	539	52.9	37
District of Columbia	671,803	43	6.4	4	383	57.0	30
Florida	22,244,823	730	3.3	46	11,642	52.3	41
Georgia	10,912,876	372	3.4	42	5,322	48.8	43
Hawaii	1,440,196	56	3.9	38	551	38.3	50
Idaho	1,939,033	64	3.3	45	1,024	52.8	38
Illinois	12,582,032	494	3.9	37	9,404	74.7	7
Indiana	6,833,037	305	4.5	29	3,598	52.7	40
Iowa	3,200,517	171	5.3	16	1,444	45.1	47
Kansas	2,937,150	187	6.4	5	1,961	66.8	18
Kentucky	4,512,310	137	3.0	47	3,024	67.0	17
Louisiana	4,590,241	244	5.3	19	3,136	68.3	15
Maine	1,385,340	67	4.8	23	939	67.8	16
Maryland	6,164,660	356	5.8	8	3,798	61.6	23
Massachusetts	6,981,974	443	6.3	6	5,286	75.7	6
Michigan	10,034,113	402	4.0	36	5,599	55.8	33
Minnesota	5,717,184	321	5.6	9	3,412	59.7	27
Mississippi	2,940,057	152	5.2	20	1,794	61.0	25
Missouri	6,177,957	330	5.3	17	4,259	68.9	12
Montana	1,122,867	33	2.9	49	601	53.5	34
Nebraska	1,967,923	140	7.1	2	1,439	73.1	9
Nevada	3,177,772	79	2.5	50	960	30.2	51
New Hampshire	1,395,231	47	3.4	43	1,002	71.8	10
New Jersey	9,261,699	383	4.1	35	7,675	82.9	3
New Mexico	2,113,344	82	3.9	39	1,369	64.8	20
New York	19,677,151	971	4.9	22	18,001	91.5	2
North Carolina	10,698,973	450	4.2	33	6,544	61.2	24
North Dakota	779,261	43	5.5	10	607	77.9	5
Ohio	11,756,058	592	5.0	21	7,371	62.7	22
Oklahoma	4,019,800	168	4.2	34	2,434	60.6	26
Oregon	4,240,137	148	3.5	40	2,265	53.4	36
Pennsylvania	12,972,008	566	4.4	32	8,903	68.6	14
Rhode Island	1,093,734	52	4.8	26	753	68.8	13
South Carolina	5,282,634	175	3.3	44	3,100	58.7	28
South Dakota	909,824	60	6.6	3	517	56.8	32
Tennessee	7,051,339	430	6.1	7	3,722	52.8	39
Texas	30,029,572	906	3.0	48	16,046	53.4	35
Utah	3,380,800	185	5.5	12	1,623	48.0	45
Vermont	647,064	35	5.4	14	515	79.6	4
Virginia	8,683,619	392	4.5	27	4,431	51.0	42
Washington	7,785,786	350	4.5	28	3,746	48.1	44
West Virginia	1,775,156	85	4.8	25	1,012	57.0	31
Wisconsin	5,892,539	315	5.3	15	3,767	63.9	21
Wyoming	581,381	20	3.4	41	387	66.6	19
U.S.	333,287,557	13,844	4.2	—	197,555	59.3	—

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, 2022.

Regions and divisions	Resident population	ASHA-certified audiologists		ASHA-certified SLPs	
		Number	Number per 100,000 residents	Number	Number per 100,000 residents
Northeast	57,040,406	2,763	4.8	45,777	80.3
New England	15,129,548	843	5.6	11,198	74.0
Middle Atlantic	41,910,858	1,920	4.6	34,579	82.5
Midwest	68,787,595	3,360	4.9	43,378	63.1
East North Central	47,097,779	2,108	4.5	29,739	63.1
West North Central	21,689,816	1,252	5.8	13,639	62.9
South	128,716,192	5,093	4.0	72,248	56.1
South Atlantic	67,452,940	2,652	3.9	36,771	54.5
East South Central	19,578,002	989	5.1	10,956	56.0
West South Central	41,685,250	1,452	3.5	24,521	58.8
West	78,743,364	2,628	3.3	36,152	45.9
Mountain	25,514,320	1,234	4.8	13,254	51.9
Pacific	53,229,044	1,394	2.6	22,898	43.0
U.S.	333,287,557	13,844	4.2	197,555	59.3

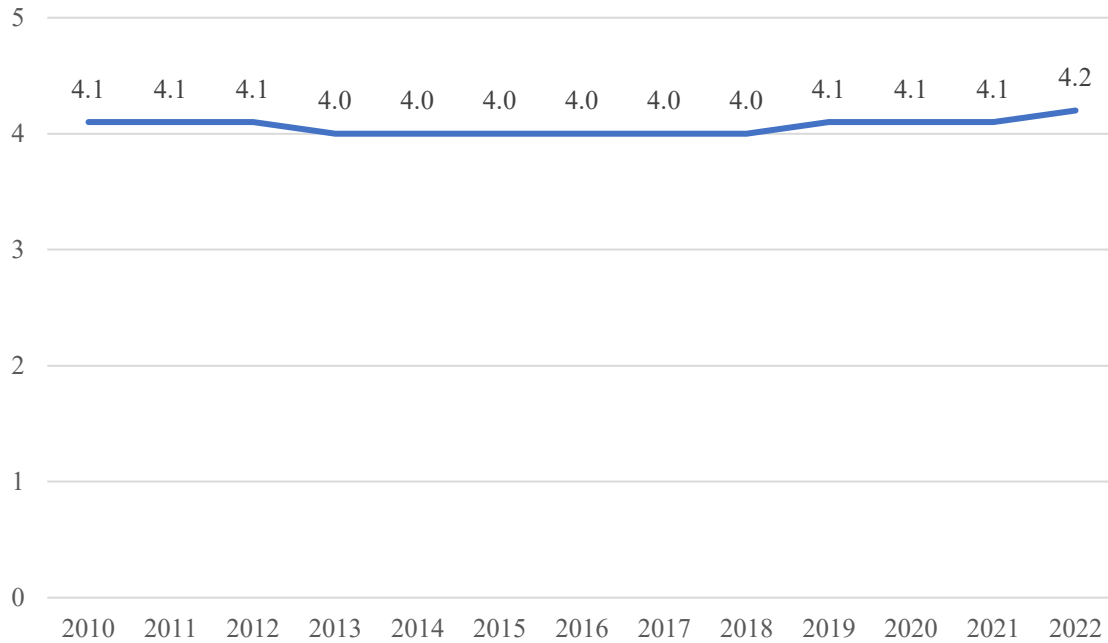
Source: Resident population estimates are from the U.S. Census Bureau, Population Division. Audiologist and SLP numbers are from ASHA. Numbers of audiologists and SLPs per 100,000 residents are rounded.

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

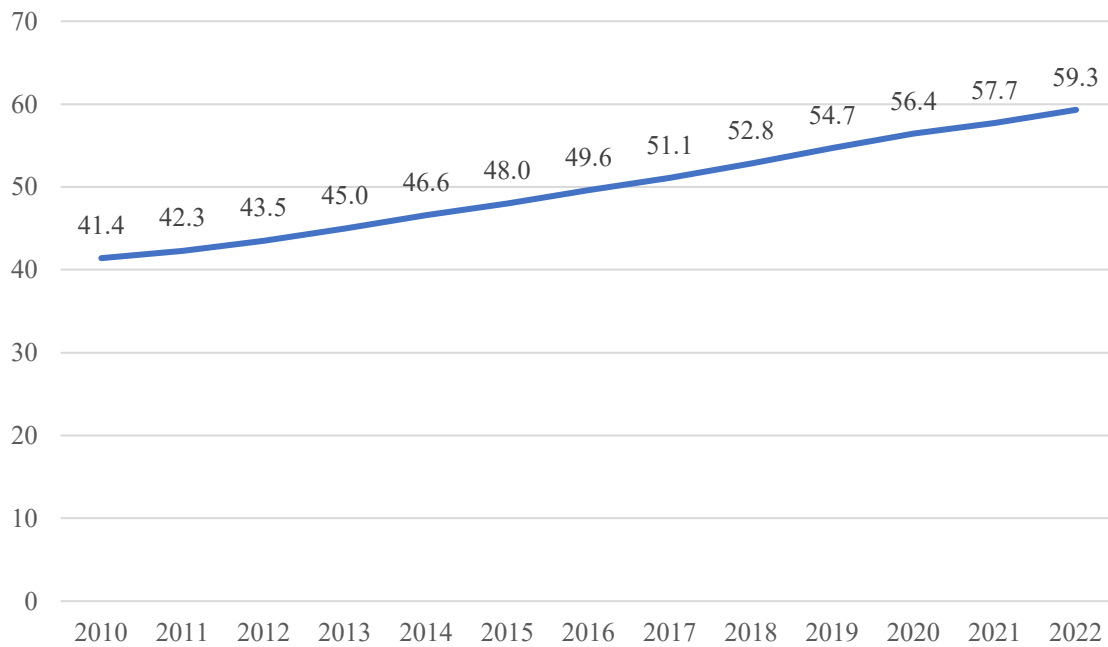
Source: U.S. Census Bureau.

Figure 1. *Nationwide ASHA-certified audiologist-to-population ratios, 2010–2022.*



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

Figure 2. *Nationwide ASHA-certified SLP-to-population ratios, 2010–2022.*



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 551 ASHA-certified SLPs and 1,440,196 residents in 2022. Its SLP-to-population ratio is then calculated as $(551 \div 1,440,196) \times 100,000 = 38.3$. In other words, there were about 38 ASHA-certified SLPs for every 100,000 Hawaii residents in 2022.

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 on [ASHA's website](#) (see Table 3).

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 Gail Brook, associate director, at gbrook@asha.org or data@asha.org.