Supply and Demand Resource List for Audiologists

Introduction

This resource list presents data on the current and future status of the supply of and demand for audiologists in the United States. Data from the American Speech-Language-Hearing Association (ASHA) and external sources are presented.

External Resources

Bureau of Labor Statistics (BLS) Projections

According to the BLS, the national employment rate of audiologists is expected to grow much faster than average through the year 2024. An additional 3,800 audiologists will be needed to fill the demand between 2014 and 2024—a 29% increase in job openings. These and additional data on the job outlook for audiologists are included in the BLS Occupational Outlook Handbook, 2016–2017 Edition.

Short- and long-term state projections of employment growth for the audiology profession are available.

- Select “Short-Term Projections (Through 2018)” or “Long-Term Projections (Through 2024).”
- Select the state in the “Area” box, then “Audiologists” in the “Occupations” box, then “Search.”
- For all state projections, select “All” in the “Area” box.
- Select “Export–CSV” at the bottom of the grid to export data in a spreadsheet format.

National employment and wage estimates and industry and geographic profiles for the audiology profession are available.

- National hourly and annual wage estimates are presented at the 10th, 25th, 50th (median), 75th, and 90th percentiles.
- Data reflect May 2016 conditions.
- See the National Employment Matrix for audiologist employment data by work setting.

State employment and wage estimates for the audiology profession are available.

- Select the state from the map or alphabetical list.
- Scroll down to Occupation Group Code 29-0000, and select “Healthcare Practitioners and Technical Occupations.”
- See Occupation Code 29-1181 (Audiologists).
- Data reflect May 2016 conditions.

U.S. News & World Report Job Rankings

Reports From the Center for Health Workforce Studies

The Center for Health Workforce Studies, a not-for-profit research organization, published *Health Care Employment Projections: An Analysis of Bureau of Labor Statistics Occupational Projections, 2010–2020* in March 2012. The report provides a summary of labor projections to help health care providers, educators, policymakers, and other stakeholders better understand which health care occupations, including audiology, will be in greatest demand during this 10-year period.

Reports From the U.S. Department of Health and Human Services

Information on the overall health care workforce is available from the National Center for Health Workforce Analysis, which operates under the U.S. Department of Health and Human Services, Health Resources and Services Administration. Reports on the impact of the aging population on the health care workforce, diversity in the health care professions, and other relevant topics are presented.

U.S. Department of Education Data

Public school employment data are collected by the U.S. Department of Education (ED) and disseminated through the *Annual Reports to Congress on the Implementation of the Individuals with Disabilities Education Act (IDEA)*. According to the *38th Annual Report to Congress*, 1,323 full-time equivalent (FTE) audiologists (1,295 “fully certified” and 28 “not fully certified”) were employed to provide related services for children and students ages 3 through 21 served under IDEA, Part B, in Fall 2013 (see Exhibit 41 of the report). Note that ED’s definition of certified differs from the ASHA definition.

ASHA Resources

Student Enrollment and Graduation Data

ASHA conducts the annual *Communication Sciences and Disorders (CSD) Education Survey* to collect information on student applications, admissions, enrollment, graduation, and first employment, as well as other data about undergraduate through research doctoral (PhD) education, to inform the pipeline of the discipline. The information is presented in the *CSD Education Survey Data Reports*.

Membership and Affiliation Data

ASHA publishes membership and affiliation counts annually. Data on the number of individuals who hold the ASHA Certificate of Clinical Competence in audiology (CCC-A) and/or speech-language pathology (CCC-SLP) are reported. Their employment characteristics and demographics are presented as well. At year-end 2016, 13,118 individuals held the CCC-A, up from 12,970 in 2015 (a 1% increase). An additional 881 individuals held dual certification (the CCC-A/SLP).

Audiologist-to-Population Ratios

ASHA publishes audiologist-to-population ratios annually. In 2016, nationwide, there were 4.0 ASHA-certified audiologists for every 100,000 residents, the same as in 2013, 2014, and 2015. Regional ratios ranged from 4.0 in the West to 5.2 in the Midwest. State-level ratios ranged from 2.0 in California to 7.1 in Colorado.
Job Market Data

In 2016, overall, nearly half (41%) of audiologists responding to the ASHA Audiology Survey reported that there were fewer job openings than job seekers in their type of employment facility and geographic area (see Table 1). Responses to the survey varied by facility. Audiologists in hospitals were most likely to report that there were fewer job openings than job seekers.

Table 1. Assessment of the job market for audiologists, by work setting.

<table>
<thead>
<tr>
<th>Assessment</th>
<th>Overall (n = 1,543)</th>
<th>Audiology franchise/retail chain (n = 83)</th>
<th>College/university (n = 122)</th>
<th>Hospital (n = 457)</th>
<th>Industry (n = 67)</th>
<th>Nonresidential health care facility (n = 727)</th>
</tr>
</thead>
<tbody>
<tr>
<td>More job openings than job seekers</td>
<td>22</td>
<td>41</td>
<td>29</td>
<td>11</td>
<td>28</td>
<td>24</td>
</tr>
<tr>
<td>Job openings and job seekers in balance</td>
<td>38</td>
<td>27</td>
<td>51</td>
<td>40</td>
<td>33</td>
<td>37</td>
</tr>
<tr>
<td>Fewer job openings than job seekers</td>
<td>41</td>
<td>33</td>
<td>21</td>
<td>50</td>
<td>39</td>
<td>38</td>
</tr>
</tbody>
</table>

Note. These data are from the 2016 ASHA Audiology Survey. Because of rounding, percentages may not total exactly 100%.

In 2016, overall, nearly half (49%) of audiologists responding to the ASHA Schools Survey reported that there were fewer job openings than job seekers in their type of employment facility and geographic area (see Table 2). Responses to the survey varied by facility.

Table 2. Assessment of the job market for audiologists, by school setting.

<table>
<thead>
<tr>
<th>Assessment</th>
<th>All school types (n = 210)</th>
<th>Elementary school (n = 55)</th>
<th>Combination of schools (n = 85)</th>
</tr>
</thead>
<tbody>
<tr>
<td>More job openings than job seekers</td>
<td>15</td>
<td>15</td>
<td>17</td>
</tr>
<tr>
<td>Job openings and job seekers in balance</td>
<td>37</td>
<td>38</td>
<td>42</td>
</tr>
<tr>
<td>Fewer job openings than job seekers</td>
<td>49</td>
<td>47</td>
<td>41</td>
</tr>
</tbody>
</table>

Note. These data are from the 2016 ASHA Schools Survey. Because of rounding, percentages may not total exactly 100%.
Annual Salary and Wage Data

ASHA survey results indicate that in 2016, the median academic year (9- to 10-month) salary of audiologists ranged from $70,038 in the schools to $81,939 in colleges/universities (see Table 3). The median calendar year (11- to 12-month) salary of audiologists ranged from $70,000 in franchises/retail chains to $85,000 in colleges/universities. Median hourly wages range from $36.00 in nonresidential health care facilities to $68.88 in the schools.

Table 3. Median academic and calendar year salaries and hourly wages of audiologists, by facility.

<table>
<thead>
<tr>
<th>Facility</th>
<th>Median academic year salary ($n = 151)</th>
<th>Median calendar year salary ($n = 941)</th>
<th>Median hourly wage ($n = 337)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Audiology franchise/retail chain</td>
<td>n/r</td>
<td>70,000</td>
<td>n/r</td>
</tr>
<tr>
<td>College/university</td>
<td>81,939</td>
<td>85,000</td>
<td>n/r</td>
</tr>
<tr>
<td>Hospital</td>
<td>n/r</td>
<td>83,405</td>
<td>41.00</td>
</tr>
<tr>
<td>Industry</td>
<td>n/r</td>
<td>84,600</td>
<td>n/r</td>
</tr>
<tr>
<td>Nonresidential health care facility (e.g., clinic, office)</td>
<td>n/r</td>
<td>72,000</td>
<td>36.00</td>
</tr>
<tr>
<td>School</td>
<td>70,038</td>
<td>82,000</td>
<td>68.88</td>
</tr>
</tbody>
</table>

Note. These data are from the 2016 ASHA Audiology Survey and the 2016 ASHA Schools Survey. n/r = not reported. (To preserve confidentiality and provide more certain results, we have not reported data for groups of fewer than 25.)

Bonuses and Commissions

Some audiologists receive a bonus in addition to their base earnings. In 2016, the overall median amount they received was $2,000. Bonus amounts differed by work setting ($1,500 in hospitals; $7,500 in industry; $2,100 in nonresidential health care facilities).

Some audiologists receive commissions in addition to a base annual salary. In 2016, the overall median amount they received was $20,000. Most audiologists who received commissions worked in nonresidential health care facilities.

These and additional salary and wage data are presented in the 2016 ASHA Audiology Survey reports and the 2016 ASHA Schools Survey reports.

Questions?

Please direct questions about this resource list to Gail Brook, research associate, Surveys and Analysis, at gbrook@asha.org or data@asha.org.