



## Supply and Demand Resource List for Audiologists

June 2011

### Introduction

This report presents data on the present and future status of the supply and demand of audiologists. Data from the American Speech-Language-Hearing Association (ASHA) and external sources, such as the U.S. Bureau of Labor Statistics (BLS), are presented.

### External Resources

#### BLS Projections

The BLS monitors the supply and demand for more than 800 occupations. According to the BLS, the national employment rate of audiologists is expected to *grow much faster than average* through the year 2018 ([www.bls.gov/oco/ocos085.htm#outlook](http://www.bls.gov/oco/ocos085.htm#outlook)). An additional 3,200 audiologists will be needed to fill the demand between 2008 and 2018—a 25% increase in job openings. Job prospects will be *favorable* for those who hold the doctor of audiology (AuD) degree.

The BLS *Occupational Outlook Handbook, 2010–11 Edition* is available at [www.bls.gov/oco/home.htm](http://www.bls.gov/oco/home.htm). Use the Search box or A–Z Index to locate additional information on the job outlook for audiologists.

State projections of employment growth for the profession of audiology are available at [www.projectionscentral.com/](http://www.projectionscentral.com/).

- Click “Long Term Projections.”
- Click the “Search” button at the bottom of the grid.
- Select “Title,” “equal,” and “Audiologists.”
- Click “Find.”
- Close the Search box.
- Click the “Export – CVS” button at the bottom of the grid to export the data.

National employment and wage estimates and industry, state, and metropolitan area profiles for the profession of audiology are available at [www.bls.gov/oes/current/oes291181.htm](http://www.bls.gov/oes/current/oes291181.htm).

- National hourly and annual wage estimates are presented at the 10th, 25th, 50th (median), 75th, and 90th percentiles.
- Data reflect May 2010.

State employment and wage estimates for the profession of audiology are available at [www.bls.gov/bls/blswage.htm](http://www.bls.gov/bls/blswage.htm).

- Go to the “Wage Data by State” heading and click “By State.”
- Click the state for which you are interested.
- Scroll down to “Healthcare Practitioner and Technical Occupations.”
- Scroll down to occupation code 29-1181 (Audiologists).
- Data reflect May 2010.

### American Association for Employment in Education Data

The 2008 Educator Supply and Demand research report by the American Association for Employment in Education presents job market data on 62 education fields including audiology. The report indicates that the audiology field is one of 23 fields with “some shortage.” These data are an indicator that the job market for school-based audiologists will be strong in future years. The report is available at [www.aaee.org/](http://www.aaee.org/), under the “Research/Grants” link.

### 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*. According to the *Twenty-Ninth Annual Report to Congress*, 1,182 “fully certified” audiologists were employed to provide special education and related services to children and youth ages 3–21 with disabilities in the 50 states and the District of Columbia in fall 2004. An additional 253 “not fully certified” audiologists were employed as well. Note that ED’s definition of *certified* differs from the ASHA definition. The report is available at [www2.ed.gov/about/reports/annual/osep/2007/parts-b-c/index.html](http://www2.ed.gov/about/reports/annual/osep/2007/parts-b-c/index.html).

### The Center for Health Workforce Studies Reports

The Center for Health Workforce Studies, a not-for-profit research organization, published the report *Health Care Employment Projections: An Analysis of Bureau of Labor Statistics Occupational Projections, 2008–2018* in March 2010. It is available at <http://chws.albany.edu/index.php?reports>, under the “Center Reports” link.

### U.S. Department of Health and Human Services Reports

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. *The United States Health Workforce Profile* (published in 2006) is presented, as are reports on the impact of the aging population on the health workforce, diversity in the health professions, and other relevant topics. These reports are available at <http://bhpr.hrsa.gov/healthworkforce/>, under the “Index of All Health Workforce Reports” link.

## **ASHA Resources**

### First-Year Enrollment and Graduation Data

ASHA has conducted the Higher Education Data System (HES) Graduate Guide Survey since 2007. This annual survey gathers data on graduate education in communication sciences and disorders, including information on first-year enrollments and degrees granted.

In 2010, a total of 257 academic institutions received the survey, and 229 academic institutions completed and submitted data, representing an 89.1% response rate. Data were provided by 97.2% of audiology entry-level programs (70 of 72 institutions), 89.1% of institutions with master’s speech-language pathology programs (220 of 247 institutions), and 91.5% of institutions with research doctoral degree (PhD) programs (65 of 71 institutions). The data collected reflect the fall 2009 through summer 2010 academic year.

With regard to first-year enrollments, in 2010, academic institutions reported 787 audiology clinical doctoral (entry-level) students, 7,791 speech-language pathology master's students, and 11 speech-language pathology clinical doctoral (post-entry) students. No speech and hearing sciences master's students were reported. Institutions further reported 21 audiology research doctoral students, 64 speech-language pathology research doctoral students, and 88 speech, language, and hearing sciences research doctoral students.

Regarding graduate degrees granted, in 2010, academic institutions reported granting 548 audiology clinical doctoral (entry-level) degrees, 6,009 speech-language pathology master's degrees, and 14 speech-language pathology clinical doctoral (post-entry) degrees. Institutions also reported granting 19 PhDs in audiology, 33 PhDs in speech-language pathology, and 68 PhDs in speech, language, and hearing sciences.

The *2009–2010 Academic Year State-by-State Data on Graduate Education in Communication Sciences and Disorders* report and previous years' HES reports are available at <http://www.asha.org/academic/HES/HESDataReports.htm>.

### ASHA Certificate of Clinical Competence in Audiology (CCC-A) Holders

ASHA publishes membership and affiliation counts annually. Data on the number of individuals who hold the CCC-A are reported. Their employment characteristics and demographics are presented as well. At year-end 2010, almost 13,000 individuals held the CCC-A. The number of CCC-A holders increased by 4.5% from 2000 (12,384 individuals) to 2010 (12,937 individuals). ASHA membership data are available at [www.asha.org/research/memberdata/](http://www.asha.org/research/memberdata/).

### ASHA-Certified-Personnel-to-Population Ratios

ASHA-certified-personnel-to-population ratios are published annually. In 2010, nationwide, the number of ASHA-certified audiologists for every 100,000 residents was 4.1, the same as in 2008 and 2009. State-level ratios ranged from 2.0 in Nevada to 7.6 in Colorado. The 2010 ASHA-certified-personnel-to-population ratios and frequently asked questions are available at [www.asha.org/research/reports/personnel.htm](http://www.asha.org/research/reports/personnel.htm). The ratios are presented by state and geographic region.

### ASHA Job Market Data

In recent years, a survey item has been included on several major ASHA data collection initiatives to assess the job market for audiologists. The question and response categories were patterned after definitions used by the BLS. The question reads as follows:

Based on your own observations and experiences, rate the current job market for your profession in your type of employment facility and in your geographic area.

1. Job openings more numerous than job seekers
2. Job openings in balance with job seekers
3. Job openings fewer than job seekers

Only 15.7% of audiologists responding to the 2010 Audiology Survey reported that job openings were more numerous than job seekers. This is a substantial decline from 2008, when 30.0% of audiologists reported that job openings exceeded job seekers. Responses to the 2010 survey varied by the type of facility in which the respondent was employed. The greatest disparity between job openings and job seekers appeared to be in industry, where 23.9% of audiologists reported that job openings were more numerous than job seekers.

These and additional data are presented in the 2008 and 2010 ASHA Audiology Survey summary reports available at <http://www.asha.org/research/memberdata/AudiologySurvey.htm>. Job market data specific to educational audiologists are presented in the 2010 ASHA Schools Survey summary report available at <http://www.asha.org/uploadedFiles/Schools10AudFrequencies.pdf>.

#### ASHA Salary and Wage Data

In 2010, audiologists earned a median *calendar*-year salary of \$70,000, excluding bonuses and commissions. They earned a median *academic*-year salary of \$65,000, excluding bonuses and commissions. For those who received a bonus, the median amount was \$1,500. For those who received a commission, the median amount was \$14,000.

In 2010, audiologists earned a median hourly wage of \$33.04, excluding bonuses and commissions. For those who received a bonus, the median amount was \$600. For those who received a commission, the median amount was \$10,000. More than half (63%) of the audiologists who earned an hourly wage worked part-time.

These and additional data are presented in the 2010 ASHA Audiology Survey *Annual Salaries* report and *Hourly Wages* report available at <http://www.asha.org/research/memberdata/AudiologySurvey.htm>. Salary and wage data specific to educational audiologists are presented in the 2010 ASHA Schools Survey summary report available at <http://www.asha.org/uploadedFiles/Schools10AudFrequencies.pdf>.

For additional information about the materials presented in this resource list, please contact:

Gail Brook ♦ Surveys and Information Team  
American Speech-Language-Hearing Association  
[gbrook@asha.org](mailto:gbrook@asha.org) or [data@asha.org](mailto:data@asha.org)