



# 2013 Membership Survey

## CCC-A Survey Summary Report: Number and Type of Responses

**Suggested Citation:**

American Speech-Language-Hearing Association. (2013). *2013 Membership survey. CCC-A survey summary report: Number and type of responses*. Available from [www.asha.org](http://www.asha.org).

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## Methodology

Stratified random sampling without replacement was used to select a sample of ASHA-certified audiologists and speech-language pathologists (SLPs) who lived in the United States and who were employed full-time or part-time. The sample was stratified by type of facility (see Tables 1 and 2).

| Strata                              | Population Size | Sample Size |
|-------------------------------------|-----------------|-------------|
| School                              | 773             | 280         |
| College and university              | 680             | 270         |
| Hospital                            | 2,255           | 480         |
| Residential health care facility    | 86              | 80          |
| Nonresidential health care facility | 4,257           | 665         |
| Total                               | 8,051           | 1,775       |

| Strata                              | Population Size | Sample Size |
|-------------------------------------|-----------------|-------------|
| School                              | 52,666          | 750         |
| College and university              | 2,958           | 345         |
| Hospital                            | 12,273          | 380         |
| Residential health care facility    | 9,770           | 360         |
| Nonresidential health care facility | 15,191          | 390         |
| Total                               | 92,858          | 2,225       |

Because facilities with fewer audiologists (such as residential health care facilities) were oversampled and those with many (e.g., nonresidential health care facilities) were undersampled, weighting was used when presenting data to restore all groups to their proportion in the population of ASHA audiologists and SLPs. In the body of this report, results in the “Total” columns have been weighted; however, data in the columns corresponding to specific employment facilities have not. Also, data are not presented for cells where there are fewer than 25 respondents.

The 2013 Membership Survey was fielded via postal mail. The first fielding was sent to 4,000 sample members on September 25, 2013. Second (October 23) and third (November 13) mailings were smaller because respondents and refusals were removed from the list. Each mailing consisted of a personalized cover letter, a numbered survey, and a #10 postage-paid business return envelope inserted into a #11 window envelope with an ASHA return address. Metered postage was at the full, first-class rate.

A **54.6% response rate** was obtained ( $n = 2,171$  completed surveys from a net sample of 3,976 eligibles).

| Table 3. Response rate          |       |
|---------------------------------|-------|
| Disposition                     | Total |
| Original (gross) sample size    | 4,000 |
| No longer employed in the field | 1     |
| Bad address                     | 18    |
| Retired                         | 2     |
| Deceased                        | 1     |
| Ineligible, other reason        | 2     |
| Net sample size                 | 3,976 |
| Number of respondents           | 2,171 |
| Response rate                   | 54.6% |
| $2,171 / 3,976 = 54.6\%$        |       |

Not only is it the case that some individuals who receive a survey do not complete it (unit nonresponse), it is likewise true that some who return theirs do not answer every question (item nonresponse) and thus do not qualify for inclusion in portions of a report. They may be excluded from analyses because they did not answer a question or because their answer disqualified them, such as stating that they were not currently employed when a particular analysis was limited to full- or part-time employees.

A methodological experiment was designed into the survey to test the effect of using a 4-point vs. a 5-point response option. Half of the audiologists and half of the SLPs were randomly selected to each condition, that is, half received an even-numbered response scale and half an odd-numbered one. Both groups received a “Don’t Know” option as well. (See page 18 for more information.)

All surveys were four pages in length and were printed on the color printer at ASHA. Questions and response options were printed in black ink, but the banner and graphic elements were in color.

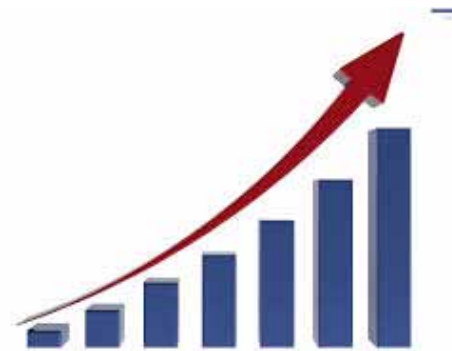
As expected, there was no difference in response rate for the two conditions.

| Table 4. Response rate by condition and CCC |  |         |       |
|---|--|---------|-------|
| Experiment                                  | CCC-A  | CCC-SLP | Total |
| Control: 4 point response option            | 427  | 666     | 1,093 |
| Experimental: 5 point response option       | 418  | 660     | 1,078 |
| Total                                       | 845  | 1,326   | 2,171 |
|   | Statistical significance: $\chi^2(1) = .0, p = .895$<br><u>Conclusion</u> : there is <u>not</u> enough evidence from the data to say that the responses vary by type of response option. |         |       |

Description of statistical terms used in the report can be found in the Appendix.

## ASHA Services and Programs

| 1. In your opinion, what kind of job is the Association doing in serving its members? (Percentages)<br>Analyses limited to respondents who met the following criterion:<br>❖ CCC-A                |                     |                                     |                       |  |                                     |                                    |
|---|---------------------|-------------------------------------|-----------------------|--|-------------------------------------|------------------------------------|
| Response  | Facility Type       |                                     |                       |  |                                     |                                    |
|   | School<br>(n = 133) | College/<br>university<br>(n = 127) | Hospital<br>(n = 185) | Residential<br>Health Care<br>(n = 30) | Nonres.<br>Health Care<br>(n = 292) | All Facility<br>Types<br>(n = 814) |
| Poor  | 0.8                 | 4.7                                 | 4.9                   | 3.3                                    | 9.9                                 | 7.2                                |
| Fair  | 33.8                | 29.9                                | 33.5                  | 33.3                                   | 41.1                                | 36.9                               |
| Good  | 58.6                | 48.8                                | 53.0                  | 56.7                                   | 45.2                                | 49.1                               |
| Excellent   | 6.8                 | 16.5                                | 8.6                   | 6.7                                    | 3.8                                 | 6.8                                |
| Statistical significance: $\chi^2(12) = 41.8$ , $p = .000$ , Cramer's V = .135<br><u>Conclusion:</u> There is adequate evidence from the data to say that the responses vary by type of facility. |                     |                                     |                       |  |                                     |                                    |



| 2. How often do you use information under ASHA’s state-by-state section on the website? (Percentages)<br>Analyses limited to respondents who met the following criterion:<br>❖ CCC-A             |                     |                                     |                       |  |                                     |                                    |
|--|---------------------|-------------------------------------|-----------------------|--|-------------------------------------|------------------------------------|
| Frequency  | Facility Type       |                                     |                       |  |                                     |                                    |
|  | School<br>(n = 141) | College/<br>university<br>(n = 131) | Hospital<br>(n = 190) | Residential<br>Health Care<br>(n = 30) | Nonres.<br>Health Care<br>(n = 304) | All Facility<br>Types<br>(n = 841) |
| Never  | 50.4                | 46.6                                | 52.1                  | 50.0                                   | 58.2                                | 55.2                               |
| Less than once a month   | 29.8                | 40.5                                | 31.6                  | 43.3                                   | 26.0                                | 28.9                               |
| At least once a month  | 3.5                 | 6.1                                 | 3.2                   | 6.7                                    | 2.6                                 | 3.2                                |
| Not familiar with the state-by-state section   | 16.3                | 6.9                                 | 13.2                  | 0.0                                    | 13.2                                | 12.7                               |
| Statistical significance: $\chi^2(12) = 23.6, p = .023$ , Cramer’s $V = .099$<br><u>Conclusion:</u> There is adequate evidence from the data to say that the responses vary by type of facility. |                     |                                     |                       |  |                                     |                                    |



## Professional Development

| 3. What are your preferred methods for receiving professional development? <i>Select all that apply.</i><br>Analyses limited to respondents who met the following criterion:<br>❖ CCC-A |  |                                     |                       |  |                                     |                                    |
|---|--|-------------------------------------|-----------------------|--|-------------------------------------|------------------------------------|
| Method  | Facility Type  |                                     |                       |  |                                     |                                    |
|   | School<br>(n = 141)  | College/<br>university<br>(n = 131) | Hospital<br>(n = 191) | Residential<br>Health Care<br>(n = 30) | Nonres.<br>Health Care<br>(n = 305) | All Facility<br>Types<br>(n = 845) |
| Journals with CEU credit  | 22.7   | 23.7                                | 18.8                  | 30.0                                   | 20.3                                | 20.3                               |
|   | Statistical significance: $\chi^2(4) = 2.8, p = .590$<br><u>Conclusion</u> : there is <u>not</u> enough evidence from the data to say that the responses vary by type of facility.             |                                     |                       |  |                                     |                                    |
| Local in-person conference  | 73.0   | 65.6                                | 70.7                  | 73.3                                   | 67.5                                | 68.3                               |
|   | Statistical significance: $\chi^2(4) = 2.6, p = .630$<br><u>Conclusion</u> : there is <u>not</u> enough evidence from the data to say that the responses vary by type of facility.             |                                     |                       |  |                                     |                                    |
| Travel to in-person conference  | 37.6   | 71.0                                | 55.5                  | 33.3                                   | 51.1                                | 51.4                               |
|   | Statistical significance: $\chi^2(4) = 35.9, p = .000$ , Cramer's V = .212<br><u>Conclusion</u> : There is adequate evidence from the data to say that the responses vary by type of facility. |                                     |                       |  |                                     |                                    |
| Online conference (multiple sessions)   | 35.5   | 23.7                                | 20.9                  | 20.0                                   | 16.7                                | 20.6                               |
|   | Statistical significance: $\chi^2(4) = 20.0, p = .000$ , Cramer's V = .158<br><u>Conclusion</u> : There is adequate evidence from the data to say that the responses vary by type of facility. |                                     |                       |  |                                     |                                    |
| (Table 3 continues on next page.)   |  |                                     |                       |  |                                     |                                    |



| 3 (cont'd.) What are your preferred methods for receiving professional development? <i>Select all that apply.</i><br>Analyses limited to respondents who met the following criterion:<br>❖ CCC-A |   |                                     |                       |  |                                     |                                    |
|--|---|-------------------------------------|-----------------------|--|-------------------------------------|------------------------------------|
| Method   | Facility Type   |                                     |                       |  |                                     |                                    |
|  | School<br>(n = 141)   | College/<br>university<br>(n = 131) | Hospital<br>(n = 191) | Residential<br>Health Care<br>(n = 30) | Nonres.<br>Health Care<br>(n = 305) | All Facility<br>Types<br>(n = 845) |
| Online self-study  | 36.2  | 25.2                                | 40.3                  | 50.0                                   | 39.7                                | 38.1                               |
|  | Statistical significance: $\chi^2(4) = 11.8$ , $p = .019$ , Cramer's V = .122<br><u>Conclusion</u> : There is adequate evidence from the data to say that the responses vary by type of facility. |                                     |                       |  |                                     |                                    |
| Online webinar   | 48.9  | 37.4                                | 36.1                  | 33.3                                   | 34.4                                | 36.8                               |
|  | Statistical significance: $\chi^2(4) = 9.4$ , $p = .052$<br><u>Conclusion</u> : there is <u>not</u> enough evidence from the data to say that the responses vary by type of facility.             |                                     |                       |  |                                     |                                    |
| Video self-study   | 14.2  | 3.1                                 | 7.3                   | 3.3                                    | 10.8                                | 9.3                                |
|  | Statistical significance: $\chi^2(4) = 13.3$ , $p = .010$ , Cramer's V = .129<br><u>Conclusion</u> : There is adequate evidence from the data to say that the responses vary by type of facility. |                                     |                       |  |                                     |                                    |



## Online Surveys

ASHA occasionally sends electronic surveys by e-mail. Because some devices require special formatting, it will help us to better accommodate your needs if we know which devices you prefer to use.

| 4. What is your preferred way to complete electronic (“web”) surveys? <i>Select all that apply.</i><br>Analyses limited to respondents who met the following criterion:<br>❖ CCC-A |   |                                     |                       |  |                                     |                                    |
|--|---|-------------------------------------|-----------------------|--|-------------------------------------|------------------------------------|
| Web Surveys  | Facility Type   |                                     |                       |  |                                     |                                    |
|  | School<br>(n = 141)   | College/<br>university<br>(n = 131) | Hospital<br>(n = 191) | Residential<br>Health Care<br>(n = 30) | Nonres.<br>Health Care<br>(n = 305) | All Facility<br>Types<br>(n = 845) |
| On a computer<br>(i.e., desktop or laptop)   | 92.2  | 91.6                                | 87.4                  | 86.7                                   | 88.5                                | 88.7                               |
|  | Statistical significance : $\chi^2(4) = 3.1, p = .544$<br><u>Conclusion</u> : there is <u>not</u> enough evidence from the data to say that the responses vary by type of facility. |                                     |                       |  |                                     |                                    |
| On a smartphone<br>(e.g., iPhone or Android)   | 8.5   | 12.2                                | 14.7                  | 20.0                                   | 11.8                                | 12.7                               |
|  | Statistical significance : $\chi^2(4) = 4.6, p = .332$<br><u>Conclusion</u> : there is <u>not</u> enough evidence from the data to say that the responses vary by type of facility. |                                     |                       |  |                                     |                                    |
| On a tablet<br>(e.g., iPad)  | 19.1  | 15.3                                | 22.0                  | 23.3                                   | 13.4                                | 16.2                               |
|  | Statistical significance : $\chi^2(4) = 7.6, p = .106$<br><u>Conclusion</u> : there is <u>not</u> enough evidence from the data to say that the responses vary by type of facility. |                                     |                       |  |                                     |                                    |

## Employment Status

| 5. Which <u>one</u> of the following categories best describes your employment status? (Percentages)<br>Analyses limited to respondents who met the following criterion:<br>❖ CCC-A         |                             |   |                               |  |   |  |
|---|-----------------------------|---|-------------------------------|--|---|--|
| Status  | Facility Type               |   |                               |  |   |  |
|   | School<br>( <i>n</i> = 141) | College/<br>university<br>( <i>n</i> = 131) | Hospital<br>( <i>n</i> = 190) | Residential<br>Health Care<br>( <i>n</i> = 30) | Nonres.<br>Health Care<br>( <i>n</i> = 303) | All Facility<br>Types<br>( <i>n</i> = 841) |
| Employed full-time  | 83.7                        | 87.0  | 76.8                          | 73.3   | 76.9  | 75.6                                       |
| Employed part-time  | 15.6                        | 13.0  | 23.2                          | 26.7   | 23.1  | 20.4                                       |
| On leave of absence (SKIP to Q. 19.)  | 0.0                         | 0.0   | 0.0                           | 0.0  | 0.0   | 0.5  |
| Not employed but <u>actively</u> seeking employment (SKIP to Q. 19.)  | 0.0                         | 0.0   | 0.0                           | 0.0  | 0.0   | 0.4  |
| Not employed and not seeking employment (SKIP to Q. 19.)  | 0.0                         | 0.0   | 0.0                           | 0.0  | 0.0   | 1.5  |
| Retired (SKIP to Q. 19.)  | 0.7                         | 0.0   | 0.0                           | 0.0  | 0.0   | 1.6  |
| Too many cells (33%) have expected counts less than 5.<br><u>Conclusion</u> : Too little data are available in some facility categories to test whether responses vary by type of facility. |                             |   |                               |  |   |  |
| Recoded to full-time and part-time only   |                             |   |                               |  |   |  |
|   | <i>n</i> = 140              | <i>n</i> = 131                              | <i>n</i> = 190                | <i>n</i> = 30                                  | <i>n</i> = 302                              | <i>n</i> = 806                             |
| Employed full-time  | 84.3                        | 87.0  | 76.8                          | 73.3   | 76.8  | 78.7                                       |
| Employed part-time  | 15.7                        | 13.0  | 23.2                          | 26.7   | 23.2  | 21.3                                       |
| Statistical significance : $\chi^2(4) = 9.4, p = .051$<br><u>Conclusion</u> : there is <u>not</u> enough evidence from the data to say that the responses vary by type of facility.         |                             |   |                               |  |   |  |

## Support Personnel

| 6. How many support personnel (e.g., aides, assistants, or technicians) are employed at your facility? <i>Enter "0" if none.</i><br>Analyses limited to respondents who met the following criterion:<br>❖ CCC-A |                     |                                     |                       |  |                                     |                                    |
|---|---------------------|-------------------------------------|-----------------------|--|-------------------------------------|------------------------------------|
| Response  | Facility Type       |                                     |                       |  |                                     |                                    |
|   | School<br>(n = 139) | College/<br>university<br>(n = 130) | Hospital<br>(n = 189) | Residential<br>Health Care<br>(n = 30) | Nonres.<br>Health Care<br>(n = 304) | All Facility<br>Types<br>(n = 834) |
| <b>a. Audiology support personnel</b>   |                     |                                     |                       |  |                                     |                                    |
| Mean  | 0.8                 | 0.7                                 | 1.5                   | 0.6                                    | 0.7                                 | 0.9                                |
| Standard deviation  | 2.5                 | 2.7                                 | 2.4                   | 1.9                                    | 1.5                                 | 2.0                                |
| 25th percentile   | 0.0                 | 0.0                                 | 0.0                   | 0.0                                    | 0.0                                 | 0.0                                |
| <b>50th percentile (median)</b>   | <b>0.0</b>          | <b>0.0</b>                          | <b>1.0</b>            | <b>0.0</b>                             | <b>0.0</b>                          | <b>0.0</b>                         |
| 75th percentile   | 1.0                 | 0.0                                 | 2.0                   | 1.0                                    | 1.0                                 | 1.0                                |
| Mode  | 0.0                 | 0.0                                 | 0.0                   | 0.0                                    | 0.0                                 | 0.0                                |
| Statistical significance: $F(4, 784) = 5.1, p = .000$<br><u>Conclusion:</u> There is adequate evidence from the data to say that the means vary by type of facility.  |                     |                                     |                       |  |                                     |                                    |
| <b>b. SLP support personnel</b>   |                     |                                     |                       |  |                                     |                                    |
| See the CCC-SLP Survey Summary Report for responses from SLPs about SLP support personnel.  |                     |                                     |                       |  |                                     |                                    |

ASHA's Associates Program allows support personnel, i.e., speech-language pathology assistants and audiology assistants, to join ASHA as affiliates.

7. How likely are you to recommend ASHA's Associates Program to support personnel? Answer as a hypothetical if you are not currently working with any support personnel. (Percentages)

Scale: 1 = "Not at all likely" to

5 = "Very likely"

Analyses limited to respondents who met the following criterion:

❖ CCC-A

| Response              | Facility Type  |                                     |                       |  |                                     |                                    |
|-----------------------|--|-------------------------------------|-----------------------|--|-------------------------------------|------------------------------------|
|                       | School<br>(n = 139)  | College/<br>university<br>(n = 126) | Hospital<br>(n = 184) | Residential<br>Health Care<br>(n = 29) | Nonres.<br>Health Care<br>(n = 300) | All Facility<br>Types<br>(n = 794) |
| 1 "Not at all likely" | 35.3   | 31.7                                | 33.2                  | 24.1                                   | 40.3                                | 36.7                               |
| 2                     | 13.7   | 15.1                                | 17.4                  | 17.2                                   | 17.7                                | 17.3                               |
| 3                     | 30.2   | 24.6                                | 31.0                  | 27.6                                   | 23.7                                | 26.3                               |
| 4                     | 12.9   | 19.0                                | 10.3                  | 20.7                                   | 12.7                                | 12.9                               |
| 5 "Very likely"       | 7.9  | 9.5                                 | 8.2                   | 10.3                                   | 5.7                                 | 6.9                                |
|                       | Statistical significance : $\chi^2(16) = 16.1, p = .444$<br><u>Conclusion:</u> there is <u>not</u> enough evidence from the data to say that the responses vary by type of facility. |                                     |                       |  |                                     |                                    |

| 8. If you selected "1" or "2" for Q. 7, why would you <u>not</u> encourage support personnel to join the ASHA Associates Program? <i>Select all that apply.</i> (Percentages)<br>Analyses limited to respondents who met the following criteria:<br>❖ CCC-A<br>❖ Selected "1" or "2" for Q. 7 |  |                                    |                      |  |                                     |                                    |
|---|--|------------------------------------|----------------------|--|-------------------------------------|------------------------------------|
| Reason  | Facility Type  |                                    |                      |  |                                     |                                    |
|   | School<br>(n = 68)   | College/<br>university<br>(n = 59) | Hospital<br>(n = 93) | Residential<br>Health Care<br>(n = 12) | Nonres.<br>Health Care<br>(n = 174) | All Facility<br>Types<br>(n = 428) |
| I do not have enough information about the program to recommend it.   | 70.6   | 72.9                               | 73.1                 | (n < 25)                               | 63.2                                | 67.9                               |
|   | Statistical significance : $\chi^2(4) = 4.1, p = .397$<br><u>Conclusion</u> : there is <u>not</u> enough evidence from the data to say that the responses vary by type of facility.                      |                                    |                      |  |                                     |                                    |
| I do not feel the program would benefit support personnel.  | 10.3   | 8.5                                | 24.7                 | (n < 25)                               | 19.5                                | 19.4                               |
|   | Statistical significance : $\chi^2(4) = 9.7, p = .047$ , Cramer's V = .154<br><u>Conclusion</u> : there is <u>not</u> enough evidence from the data to say that the responses vary by type of facility.  |                                    |                      |  |                                     |                                    |
| The \$75 fee would be cost prohibitive to support personnel.  | 8.8  | 11.9                               | 19.4                 | (n < 25)                               | 12.6                                | 13.5                               |
|   | Statistical significance : $\chi^2(4) = 4.6, p = .335$<br><u>Conclusion</u> : there is <u>not</u> enough evidence from the data to say that the responses vary by type of facility.                      |                                    |                      |  |                                     |                                    |
| ASHA is a professional association, and support personnel should not be allowed to affiliate.   | 25.0   | 23.7                               | 7.5                  | (n < 25)                               | 19.0                                | 16.7                               |
|   | Statistical significance : $\chi^2(4) = 10.6, p = .031$ , Cramer's V = .162<br><u>Conclusion</u> : there is <u>not</u> enough evidence from the data to say that the responses vary by type of facility. |                                    |                      |  |                                     |                                    |

## Cultural and Linguistic Diversity

| 9. In the past 12 months, which clinical approaches have you used in service delivery to address cultural and linguistic influences on communication? <i>Select all that apply.</i> (Percentages)<br>Analyses limited to respondents who met the following criterion:<br>❖ CCC-A |  |                                     |                       |  |                                     |                                    |
|--|--|-------------------------------------|-----------------------|--|-------------------------------------|------------------------------------|
| Approach   | Facility Type  |                                     |                       |  |                                     |                                    |
|  | School<br>(n = 141)  | College/<br>university<br>(n = 131) | Hospital<br>(n = 191) | Residential<br>Health Care<br>(n = 30) | Nonres.<br>Health Care<br>(n = 305) | All Facility<br>Types<br>(n = 845) |
| Acquired translated materials  | 34.0   | 21.4                                | 32.5                  | 10.0                                   | 17.0                                | 21.9                               |
|  | Statistical significance : $\chi^2(4) = 26.9, p = .000$ , Cramer's V = .184<br><u>Conclusion</u> : There is adequate evidence from the data to say that the responses vary by type of facility |                                     |                       |  |                                     |                                    |
| Modified assessment strategies/<br>procedures  | 29.8   | 25.2                                | 26.7                  | 30.0                                   | 19.0                                | 21.7                               |
|  | Statistical significance : $\chi^2(4) = 8.1, p = .087$<br><u>Conclusion</u> : there is <u>not</u> enough evidence from the data to say that the responses vary by type of facility.            |                                     |                       |  |                                     |                                    |
| Referred to bilingual service<br>providers   | 25.5   | 11.5                                | 13.1                  | 16.7                                   | 7.5                                 | 10.8                               |
|  | Statistical significance : $\chi^2(4) = 28.2, p = .000$ , Cramer's V = .188<br><u>Conclusion</u> : There is adequate evidence from the data to say that the responses vary by type of facility |                                     |                       |  |                                     |                                    |
| Translated therapy tools   | 5.7  | 4.6                                 | 5.8                   | 3.3                                    | 3.6                                 | 4.4                                |
|  | Statistical significance : $\chi^2(4) = 1.7, p = .784$<br><u>Conclusion</u> : there is <u>not</u> enough evidence from the data to say that the responses vary by type of facility.            |                                     |                       |  |                                     |                                    |

(Table 9 continues on next page.)

| 9 (cont'd.) In the past 12 months, which clinical approaches have you used in service delivery to address cultural and linguistic influences on communication? <i>Select all that apply.</i> (Percentages)<br>Analyses limited to respondents who met the following criterion:<br>❖ CCC-A |   |                                     |                       |  |                                     |                                    |
|---|---|-------------------------------------|-----------------------|--|-------------------------------------|------------------------------------|
| Approach  | Facility Type   |                                     |                       |  |                                     |                                    |
|   | School<br>(n = 141)   | College/<br>university<br>(n = 131) | Hospital<br>(n = 191) | Residential<br>Health Care<br>(n = 30) | Nonres.<br>Health Care<br>(n = 305) | All Facility<br>Types<br>(n = 845) |
| Translated written materials,<br>including consumer<br>information  | 21.3  | 11.5                                | 20.4                  | 3.3                                    | 11.8                                | 14.0                               |
|   | Statistical significance : $\chi^2(4) = 15.5$ , $p = .004$ , Cramer's V = .140<br><u>Conclusion:</u> There is adequate evidence from the data to say that the responses vary by type of facility  |                                     |                       |  |                                     |                                    |
| Used interpreter/cultural broker  | 66.7  | 35.9                                | 58.6                  | 50.0                                   | 46.6                                | 48.3                               |
|   | Statistical significance : $\chi^2(4) = 32.7$ , $p = .000$ , Cramer's V = .202<br><u>Conclusion:</u> There is adequate evidence from the data to say that the responses vary by type of facility  |                                     |                       |  |                                     |                                    |
| None of the above   | 7.1   | 16.8                                | 9.4                   | 10.0                                   | 19.7                                | 14.9                               |
|   | Statistical significance : $\chi^2(4) = 18.1$ , $p = .001$ , Cramer's V = .151<br><u>Conclusion:</u> There is adequate evidence from the data to say that the responses vary by type of facility. |                                     |                       |  |                                     |                                    |
| Not applicable  | 14.2  | 34.4                                | 22.5                  | 30.0                                   | 23.9                                | 23.2                               |
|   | Statistical significance : $\chi^2(4) = 16.0$ , $p = .003$ , Cramer's V = .142<br><u>Conclusion:</u> There is adequate evidence from the data to say that the responses vary by type of facility  |                                     |                       |  |                                     |                                    |



## Telepractice

Telepractice is the application of telecommunications technology to the delivery of professional services at a distance by linking clinician to client, or clinician to clinician, for assessment, intervention, and/or consultation.

| 10. Do you currently deliver any services via telepractice? (Percentages)<br>Analyses limited to respondents who met the following criterion:<br>❖ CCC-A                               |                     |                                     |                       |  |                                     |                                    |
|--|---------------------|-------------------------------------|-----------------------|--|-------------------------------------|------------------------------------|
| Telepractice Service   | Facility Type       |                                     |                       |  |                                     |                                    |
|  | School<br>(n = 141) | College/<br>university<br>(n = 131) | Hospital<br>(n = 191) | Residential<br>Health Care<br>(n = 30) | Nonres.<br>Health Care<br>(n = 304) | All Facility<br>Types<br>(n = 812) |
| Yes  | 2.1                 | 6.1                                 | 15.2                  | 13.3                                   | 3.6                                 | 7.1                                |
| No (SKIP to Q. 12.)  | 97.9                | 93.9                                | 84.8                  | 86.7                                   | 96.4                                | 92.9                               |
| Statistical significance : $\chi^2(4) = 32.6, p = .000$ , Cramer's V = .202<br>Conclusion: There is adequate evidence from the data to say that the responses vary by type of facility |                     |                                     |                       |  |                                     |                                    |



| 11. Which client populations do you serve via telepractice? <i>Select all that apply.</i> (Percentages)<br>Analyses limited to respondents who met the following criteria:                          |                   |                                   |                      |                                       |                                    |                                   |
|---|-------------------|-----------------------------------|----------------------|---------------------------------------|------------------------------------|-----------------------------------|
| ❖ CCC-A   |                   |                                   |                      |                                       |                                    |                                   |
| ❖ Selected "Yes" for Q. 10  |                   |                                   |                      |                                       |                                    |                                   |
| Client Population   | Facility Type     |                                   |                      |                                       |                                    |                                   |
|   | School<br>(n = 3) | College/<br>university<br>(n = 8) | Hospital<br>(n = 29) | Residential<br>Health Care<br>(n = 4) | Nonres.<br>Health Care<br>(n = 11) | All Facility<br>Types<br>(n = 57) |
| Children in schools   | (n < 25)          |                                   | 0.0                  | (n < 25)                              |                                    | 13.0                              |
| Children at home  |                   |                                   | 10.3                 |                                       |                                    | 19.2                              |
| Children or adults at satellite<br>clinics or hospitals   |                   |                                   | 24.1                 |                                       |                                    | 21.1                              |
| Adults in home or work<br>environment   |                   |                                   | 10.3                 |                                       |                                    | 33.5                              |
| Adults in the military or via the<br>Veterans Administration (VA)   |                   |                                   | 65.5                 |                                       |                                    | 44.5                              |
| Too many cells (60% — 70%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test<br>whether responses vary by type of facility. |                   |                                   |                      |                                       |                                    |                                   |





12. Please indicate...

a) how **important** each of the following ASHA areas is to you in your professional role and  
 b) how you would **rate** the job that ASHA does in each of these areas.

Please circle one response under the “Importance to You” column **and** one response under the “Rating ASHA’s Performance” column for each program area. (Percentages)

Importance Scale: 1 = “Not at all important”  
 4 = “Very important” or 5 = “Very important”  
 DK = “Don’t Know”

Analyses limited to respondents who met the following criterion:  
 ❖ CCC-A

| Advocacy/lobbying: Importance to you |  |      |      |      |     |          |  |     |      |      |      |     |          |
|--------------------------------------|--|------|------|------|-----|----------|--|-----|------|------|------|-----|----------|
| Facility                             | Response   |      |      |      |     |          |  |     |      |      |      |     |          |
|                                      | 1  | 2    | 3    | 4    | DK  | <i>n</i> | 1  | 2   | 3    | 4    | 5    | DK  | <i>n</i> |
| School                               | 5.6  | 11.1 | 31.9 | 41.7 | 9.7 | 72       | 4.8  | 6.3 | 19.0 | 30.2 | 33.3 | 6.3 | 63       |
| College/University                   | 0.0  | 3.6  | 23.6 | 67.3 | 5.5 | 55       | 1.3  | 1.3 | 6.7  | 36.0 | 53.3 | 1.3 | 75       |
| Hospital                             | 5.2  | 8.3  | 18.8 | 62.5 | 5.2 | 96       | 2.2  | 2.2 | 14.4 | 27.8 | 47.8 | 5.6 | 90       |
| Residential Health Care              | <i>(n &lt; 25)</i>   |      |      |      |     | 16       | <i>(n &lt; 25)</i>   |     |      |      |      | 14  |          |
| Nonresidential Health Care           | 5.2  | 5.2  | 24.5 | 60.0 | 5.2 | 155      | 1.4  | 5.0 | 15.7 | 27.1 | 45.0 | 5.7 | 140      |
| All Facility Types                   | 4.9  | 7.2  | 23.5 | 58.7 | 5.6 | 405      | 2.0  | 3.8 | 14.7 | 28.2 | 46.2 | 5.0 | 383      |
|                                      | Too many cells (40%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |      |      |      |     |          | Too many cells (50%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |     |      |      |      |     |          |

12 (cont'd.) Please indicate...

a) how **important** each of the following ASHA areas is to you in your professional role and  
 b) how you would **rate** the job that ASHA does in each of these areas.

Please circle one response under the "Importance to You" column **and** one response under the "Rating ASHA's Performance" column for each program area. (Percentages)

Importance Scale: 1 = "Not at all important"  
 4 = "Very important" or 5 = "Very important"  
 DK = "Don't Know"

Analyses limited to respondents who met the following criterion:  
 ❖ CCC-A

ASHA billing and reimbursement resources: Importance to you

| Facility                   | Response           |      |      |      |      |          |                    |      |      |      |      |      |          |  |
|----------------------------|--------------------|------|------|------|------|----------|--------------------|------|------|------|------|------|----------|--|
|                            | 1                  | 2    | 3    | 4    | DK   | <i>n</i> | 1                  | 2    | 3    | 4    | 5    | DK   | <i>n</i> |  |
| School                     | 23.3               | 26.0 | 15.1 | 15.1 | 20.5 | 73       | 33.3               | 12.7 | 17.5 | 14.3 | 6.3  | 15.9 | 63       |  |
| College/University         | 13.0               | 3.7  | 22.2 | 51.9 | 9.3  | 54       | 6.7                | 8.0  | 10.7 | 22.7 | 48.0 | 4.0  | 75       |  |
| Hospital                   | 13.7               | 10.5 | 16.8 | 48.4 | 10.5 | 95       | 6.6                | 8.8  | 15.4 | 31.9 | 27.5 | 9.9  | 91       |  |
| Residential Health Care    | <i>(n &lt; 25)</i> |      |      |      |      | 16       | <i>(n &lt; 25)</i> |      |      |      |      | 14   |          |  |
| Nonresidential Health Care | 9.2                | 5.9  | 20.3 | 57.5 | 7.2  | 153      | 5.7                | 4.3  | 12.8 | 29.1 | 40.4 | 7.8  | 141      |  |
| All Facility Types         | 12.7               | 9.9  | 19.0 | 48.9 | 9.5  | 401      | 9.1                | 6.5  | 13.3 | 27.6 | 34.9 | 8.5  | 385      |  |

|  |   |
|--|---|
| <p>Statistical significance : <math>\chi^2(16) = 64.9</math>,<br/> <b><math>p = .000</math></b>, Cramer's V = .204<br/> <u>Conclusion:</u> There is adequate evidence from the data to say that the responses vary by type of facility</p> | <p>Too many cells (23%) have expected counts less than 5.<br/> <u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility.</p> |
|--|---|

12 (cont'd.) Please indicate...

a) how **important** each of the following ASHA areas is to you in your professional role and  
 b) how you would **rate** the job that ASHA does in each of these areas.

Please circle one response under the “Importance to You” column **and** one response under the “Rating ASHA’s Performance” column for each program area. (Percentages)

Importance Scale: 1 = “Not at all important”  
 4 = “Very important” or 5 = “Very important”  
 DK = “Don’t Know”

Analyses limited to respondents who met the following criterion:  
 ❖ CCC-A

ASHA CEU products: Importance to you

| Facility                   | Response   |      |      |      |     |          |  |      |      |      |      |     |          |  |
|----------------------------|--|------|------|------|-----|----------|--|------|------|------|------|-----|----------|--|
|                            | 1  | 2    | 3    | 4    | DK  | <i>n</i> | 1  | 2    | 3    | 4    | 5    | DK  | <i>n</i> |  |
| School                     | 5.4  | 17.6 | 31.1 | 45.9 | 0.0 | 74       | 3.1  | 4.7  | 26.6 | 40.6 | 25.0 | 0.0 | 64       |  |
| College/University         | 10.9   | 12.7 | 38.2 | 34.5 | 3.6 | 55       | 8.0  | 5.3  | 16.0 | 34.7 | 32.0 | 4.0 | 75       |  |
| Hospital                   | 10.4   | 16.7 | 30.2 | 39.6 | 3.1 | 96       | 3.4  | 7.9  | 21.3 | 30.3 | 33.7 | 3.4 | 89       |  |
| Residential Health Care    | <i>(n &lt; 25)</i>   |      |      |      |     | 16       | <i>(n &lt; 25)</i>   |      |      |      |      | 14  |          |  |
| Nonresidential Health Care | 7.1  | 22.6 | 34.8 | 32.9 | 2.6 | 155      | 5.7  | 10.0 | 23.6 | 23.6 | 34.3 | 2.9 | 140      |  |
| All Facility Types         | 8.2  | 19.1 | 33.5 | 36.5 | 2.6 | 406      | 4.9  | 8.2  | 23.3 | 27.6 | 33.2 | 2.7 | 382      |  |
|                            | Too many cells (32%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |      |      |      |     |          | Too many cells (47%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |      |      |      |      |     |          |  |

12 (cont'd.) Please indicate...

- a) how **important** each of the following ASHA areas is to you in your professional role and  
 b) how you would **rate** the job that ASHA does in each of these areas.

Please circle one response under the "Importance to You" column **and** one response under the "Rating ASHA's Performance" column for each program area. (Percentages)

Importance Scale: 1 = "Not at all important"

4 = "Very important" or 5 = "Very important"

DK = "Don't Know"

Analyses limited to respondents who met the following criterion:

❖ CCC-A

ASHA website: Importance to you

| Facility                   | Response   |      |      |      |     |          |  |      |      |      |      |     |          |  |
|----------------------------|--|------|------|------|-----|----------|--|------|------|------|------|-----|----------|--|
|                            | 1  | 2    | 3    | 4    | DK  | <i>n</i> | 1  | 2    | 3    | 4    | 5    | DK  | <i>n</i> |  |
| School                     | 2.7  | 16.2 | 47.3 | 32.4 | 1.4 | 74       | 4.8  | 7.9  | 30.2 | 38.1 | 19.0 | 0.0 | 63       |  |
| College/University         | 3.6  | 10.9 | 41.8 | 41.8 | 1.8 | 55       | 4.2  | 2.8  | 19.4 | 33.3 | 40.3 | 0.0 | 72       |  |
| Hospital                   | 7.3  | 16.7 | 47.9 | 26.0 | 2.1 | 96       | 4.5  | 4.5  | 23.6 | 34.8 | 24.7 | 7.9 | 89       |  |
| Residential Health Care    | <i>(n &lt; 25)</i>   |      |      |      |     | 16       | <i>(n &lt; 25)</i>   |      |      |      |      | 14  |          |  |
| Nonresidential Health Care | 7.9  | 22.4 | 39.5 | 25.0 | 5.3 | 152      | 8.0  | 13.8 | 32.6 | 28.3 | 14.5 | 2.9 | 138      |  |
| All Facility Types         | 6.7  | 19.2 | 42.9 | 27.4 | 3.8 | 402      | 6.2  | 9.4  | 28.7 | 31.4 | 20.8 | 3.5 | 377      |  |
|                            | Too many cells (36%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |      |      |      |     |          | Too many cells (40%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |      |      |      |      |     |          |  |

12 (cont'd.) Please indicate...

- a) how **important** each of the following ASHA areas is to you in your professional role and  
 b) how you would **rate** the job that ASHA does in each of these areas.

Please circle one response under the "Importance to You" column **and** one response under the "Rating ASHA's Performance" column for each program area. (Percentages)

Importance Scale: 1 = "Not at all important"

4 = "Very important" or 5 = "Very important"

DK = "Don't Know"

Analyses limited to respondents who met the following criterion:

❖ CCC-A

Certification: Importance to you

| Facility                   | Response   |      |      |      |     |          |  |     |      |      |      |     |          |  |
|----------------------------|--|------|------|------|-----|----------|--|-----|------|------|------|-----|----------|--|
|                            | 1  | 2    | 3    | 4    | DK  | <i>n</i> | 1  | 2   | 3    | 4    | 5    | DK  | <i>n</i> |  |
| School                     | 4.1  | 10.8 | 18.9 | 66.2 | 0.0 | 74       | 3.2  | 6.3 | 7.9  | 30.2 | 50.8 | 1.6 | 63       |  |
| College/University         | 7.3  | 12.7 | 38.2 | 41.8 | 0.0 | 55       | 6.7  | 8.0 | 12.0 | 20.0 | 53.3 | 0.0 | 75       |  |
| Hospital                   | 5.2  | 17.5 | 27.8 | 49.5 | 0.0 | 97       | 8.0  | 4.5 | 11.4 | 26.1 | 47.7 | 2.3 | 88       |  |
| Residential Health Care    | <i>(n &lt; 25)</i>   |      |      |      |     | 16       | <i>(n &lt; 25)</i>   |     |      |      |      | 14  |          |  |
| Nonresidential Health Care | 9.0  | 14.7 | 27.6 | 47.4 | 1.3 | 156      | 7.0  | 6.3 | 23.9 | 31.0 | 31.0 | 0.7 | 142      |  |
| All Facility Types         | 7.1  | 15.1 | 28.1 | 48.8 | 0.8 | 408      | 6.6  | 6.1 | 17.9 | 28.5 | 39.7 | 1.1 | 383      |  |
|                            | Too many cells (36%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |      |      |      |     |          | Too many cells (43%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |     |      |      |      |     |          |  |



12 (cont'd.) Please indicate...

a) how **important** each of the following ASHA areas is to you in your professional role and  
 b) how you would **rate** the job that ASHA does in each of these areas.

Please circle one response under the “Importance to You” column **and** one response under the “Rating ASHA’s Performance” column for each program area. (Percentages)

Importance Scale: 1 = “Not at all important”  
 4 = “Very important” or 5 = “Very important”  
 DK = “Don’t Know”

Analyses limited to respondents who met the following criterion:  
 ❖ CCC-A

Ethics: Importance to you

| Facility                   | Response   |      |      |      |     |          |  |     |      |      |      |     |          |  |
|----------------------------|--|------|------|------|-----|----------|--|-----|------|------|------|-----|----------|--|
|                            | 1  | 2    | 3    | 4    | DK  | <i>n</i> | 1  | 2   | 3    | 4    | 5    | DK  | <i>n</i> |  |
| School                     | 2.7  | 15.1 | 20.5 | 58.9 | 2.7 | 73       | 3.1  | 3.1 | 18.8 | 32.8 | 40.6 | 1.6 | 64       |  |
| College/University         | 3.6  | 1.8  | 36.4 | 56.4 | 1.8 | 55       | 1.4  | 2.7 | 13.5 | 27.0 | 54.1 | 1.4 | 74       |  |
| Hospital                   | 3.2  | 10.5 | 37.9 | 46.3 | 2.1 | 95       | 4.4  | 3.3 | 13.2 | 36.3 | 38.5 | 4.4 | 91       |  |
| Residential Health Care    | <i>(n &lt; 25)</i>   |      |      |      |     | 16       | <i>(n &lt; 25)</i>   |     |      |      |      | 14  |          |  |
| Nonresidential Health Care | 5.2  | 8.5  | 30.1 | 52.3 | 3.9 | 153      | 4.9  | 3.5 | 21.1 | 31.7 | 38.0 | 0.7 | 142      |  |
| All Facility Types         | 4.1  | 8.9  | 32.3 | 51.6 | 3.1 | 401      | 4.0  | 3.2 | 18.3 | 32.4 | 40.2 | 1.8 | 387      |  |
|                            | Too many cells (44%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |      |      |      |     |          | Too many cells (53%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |     |      |      |      |     |          |  |

12 (cont'd.) Please indicate...

a) how **important** each of the following ASHA areas is to you in your professional role and  
 b) how you would **rate** the job that ASHA does in each of these areas.

Please circle one response under the "Importance to You" column **and** one response under the "Rating ASHA's Performance" column for each program area. (Percentages)

Importance Scale: 1 = "Not at all important"  
 4 = "Very important" or 5 = "Very important"  
 DK = "Don't Know"

Analyses limited to respondents who met the following criterion:  
 ❖ CCC-A

Multicultural resources: Importance to you

| Facility                   | Response   |      |      |      |      |          |   |      |      |      |      |      |          |  |
|----------------------------|--|------|------|------|------|----------|---|------|------|------|------|------|----------|--|
|                            | 1  | 2    | 3    | 4    | DK   | <i>n</i> | 1   | 2    | 3    | 4    | 5    | DK   | <i>n</i> |  |
| School                     | 5.4  | 28.4 | 43.2 | 16.2 | 6.8  | 74       | 3.1   | 12.5 | 37.5 | 25.0 | 6.3  | 15.6 | 64       |  |
| College/University         | 9.1  | 21.8 | 41.8 | 14.5 | 12.7 | 55       | 5.4   | 9.5  | 21.6 | 31.1 | 25.7 | 6.8  | 74       |  |
| Hospital                   | 14.6   | 26.0 | 35.4 | 13.5 | 10.4 | 96       | 11.2  | 12.4 | 38.2 | 18.0 | 14.6 | 5.6  | 89       |  |
| Residential Health Care    | <i>(n &lt; 25)</i>   |      |      |      |      | 16       | <i>(n &lt; 25)</i>  |      |      |      |      | 14   |          |  |
| Nonresidential Health Care | 15.8   | 23.0 | 27.6 | 8.6  | 25.0 | 152      | 19.0  | 17.6 | 26.8 | 18.3 | 6.3  | 12.0 | 142      |  |
| All Facility Types         | 14.0   | 24.0 | 32.8 | 11.5 | 17.8 | 402      | 14.6  | 14.6 | 30.0 | 20.2 | 10.7 | 9.9  | 385      |  |
|                            | Statistical significance : $\chi^2(16) = 27.6$ ,<br>$p = .036$ , Cramer's $V = .132$<br><u>Conclusion:</u> There is adequate evidence<br>from the data to say that the responses<br>vary by type of facility |      |      |      |      |          | Too many cells (20%) have expected counts less<br>than 5.<br><u>Conclusion:</u> Too little data are available in some<br>facility categories to test whether responses vary<br>by type of facility. |      |      |      |      |      |          |  |

12 (cont'd.) Please indicate...

a) how **important** each of the following ASHA areas is to you in your professional role and  
 b) how you would **rate** the job that ASHA does in each of these areas.

Please circle one response under the "Importance to You" column **and** one response under the "Rating ASHA's Performance" column for each program area. (Percentages)

Importance Scale: 1 = "Not at all important"  
 4 = "Very important" or 5 = "Very important"  
 DK = "Don't Know"

Analyses limited to respondents who met the following criterion:  
 ❖ CCC-A

Practice resources: Importance to you

| Facility                   | Response   |      |      |      |      |          |  |      |      |      |      |      |          |  |
|----------------------------|--|------|------|------|------|----------|--|------|------|------|------|------|----------|--|
|                            | 1  | 2    | 3    | 4    | DK   | <i>n</i> | 1  | 2    | 3    | 4    | 5    | DK   | <i>n</i> |  |
| School                     | 11.0   | 17.8 | 28.8 | 35.6 | 6.8  | 73       | 7.8  | 1.6  | 20.3 | 37.5 | 18.8 | 14.1 | 64       |  |
| College/University         | 13.0   | 9.3  | 42.6 | 25.9 | 9.3  | 54       | 9.5  | 6.8  | 16.2 | 24.3 | 29.7 | 13.5 | 74       |  |
| Hospital                   | 13.5   | 29.2 | 26.0 | 25.0 | 6.3  | 96       | 9.0  | 9.0  | 33.7 | 20.2 | 20.2 | 7.9  | 89       |  |
| Residential Health Care    | ( <i>n</i> < 25)   |      |      |      |      | 15       | ( <i>n</i> < 25)   |      |      |      |      | 14   |          |  |
| Nonresidential Health Care | 9.0  | 22.6 | 32.3 | 24.5 | 11.6 | 155      | 10.1   | 12.2 | 22.3 | 26.6 | 19.4 | 9.4  | 139      |  |
| All Facility Types         | 10.9   | 22.3 | 31.5 | 25.8 | 9.5  | 404      | 10.0   | 9.3  | 24.8 | 25.4 | 20.7 | 9.8  | 380      |  |
|                            | Too many cells (24%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |      |      |      |      |          | Too many cells (20%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |      |      |      |      |      |          |  |

12 (cont'd.) Please indicate...

a) how **important** each of the following ASHA areas is to you in your professional role and  
 b) how you would **rate** the job that ASHA does in each of these areas.

Please circle one response under the “Importance to You” column **and** one response under the “Rating ASHA’s Performance” column for each program area. (Percentages)

Importance Scale: 1 = “Not at all important”  
 4 = “Very important” or 5 = “Very important”  
 DK = “Don’t Know”

Analyses limited to respondents who met the following criterion:  
 ❖ CCC-A

Special Interest Groups (SIGs): Importance to you

| Facility                   | Response   |      |      |      |      |          |  |      |      |      |      |      |          |  |
|----------------------------|--|------|------|------|------|----------|--|------|------|------|------|------|----------|--|
|                            | 1  | 2    | 3    | 4    | DK   | <i>n</i> | 1  | 2    | 3    | 4    | 5    | DK   | <i>n</i> |  |
| School                     | 17.6   | 23.0 | 32.4 | 13.5 | 13.5 | 74       | 19.4   | 4.8  | 37.1 | 19.4 | 6.5  | 12.9 | 62       |  |
| College/University         | 18.2   | 25.5 | 25.5 | 16.4 | 14.5 | 55       | 13.5   | 12.2 | 31.1 | 21.6 | 17.6 | 4.1  | 74       |  |
| Hospital                   | 16.5   | 34.0 | 23.7 | 12.4 | 13.4 | 97       | 15.7   | 18.0 | 31.5 | 14.6 | 11.2 | 9.0  | 89       |  |
| Residential Health Care    | ( <i>n</i> < 25)   |      |      |      |      | 16       | ( <i>n</i> < 25)   |      |      |      |      | 14   |          |  |
| Nonresidential Health Care | 24.4   | 25.0 | 23.1 | 5.8  | 21.8 | 156      | 25.2   | 17.3 | 28.1 | 11.5 | 2.9  | 15.1 | 139      |  |
| All Facility Types         | 20.7   | 27.3 | 24.5 | 9.7  | 17.7 | 408      | 21.0   | 15.6 | 30.2 | 14.3 | 7.1  | 11.8 | 379      |  |
|                            | Too many cells (20%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |      |      |      |      |          | Too many cells (20%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |      |      |      |      |      |          |  |

12 (cont'd.) Please indicate...

a) how **important** each of the following ASHA areas is to you in your professional role and  
 b) how you would **rate** the job that ASHA does in each of these areas.

Please circle one response under the "Importance to You" column **and** one response under the "Rating ASHA's Performance" column for each program area. (Percentages)

Importance Scale: 1 = "Not at all important"  
 4 = "Very important" or 5 = "Very important"  
 DK = "Don't Know"

Analyses limited to respondents who met the following criterion:  
 ❖ CCC-A

*The ASHA Leader: Importance to you*

| Facility                   | Response   |      |      |      |     |          |  |      |      |      |      |     |          |  |
|----------------------------|--|------|------|------|-----|----------|--|------|------|------|------|-----|----------|--|
|                            | 1  | 2    | 3    | 4    | DK  | <i>n</i> | 1  | 2    | 3    | 4    | 5    | DK  | <i>n</i> |  |
| School                     | 2.8  | 26.4 | 47.2 | 20.8 | 2.8 | 72       | 6.3  | 9.4  | 35.9 | 26.6 | 21.9 | 0.0 | 64       |  |
| College/University         | 5.5  | 25.5 | 45.5 | 20.0 | 3.6 | 55       | 8.1  | 8.1  | 31.1 | 33.8 | 18.9 | 0.0 | 74       |  |
| Hospital                   | 14.4   | 25.8 | 39.2 | 16.5 | 4.1 | 97       | 11.4   | 19.3 | 27.3 | 25.0 | 11.4 | 5.7 | 88       |  |
| Residential Health Care    | <i>(n &lt; 25)</i>   |      |      |      |     | 16       | <i>(n &lt; 25)</i>   |      |      |      |      | 13  |          |  |
| Nonresidential Health Care | 22.7   | 24.7 | 33.1 | 14.3 | 5.2 | 154      | 19.7   | 14.8 | 31.7 | 23.2 | 10.6 | 0.0 | 142      |  |
| All Facility Types         | 16.7   | 25.9 | 36.9 | 15.9 | 4.6 | 404      | 15.1   | 14.5 | 30.2 | 26.2 | 12.5 | 1.5 | 383      |  |
|                            | Too many cells (28%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |      |      |      |     |          | Too many cells (33%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |      |      |      |      |     |          |  |

12 (cont'd.) Please indicate...

a) how **important** each of the following ASHA areas is to you in your professional role and  
 b) how you would **rate** the job that ASHA does in each of these areas.

Please circle one response under the “Importance to You” column **and** one response under the “Rating ASHA’s Performance” column for each program area. (Percentages)

Performance Scale: 1 = “Poor”  
 4 = “Excellent” or 5 = “Excellent”  
 DK = “Don’t Know”

Analyses limited to respondents who met the following criterion:  
 ❖ CCC-A

| Advocacy/lobbying: Rating ASHA’s Performance |  |      |      |      |      |          |  |      |      |      |      |      |          |
|--|--|------|------|------|------|----------|--|------|------|------|------|------|----------|
| Facility                                     | Response   |      |      |      |      |          |  |      |      |      |      |      |          |
|  | 1  | 2    | 3    | 4    | DK   | <i>n</i> | 1  | 2    | 3    | 4    | 5    | DK   | <i>n</i> |
| School                                       | 1.4  | 4.2  | 42.3 | 22.5 | 29.6 | 71       | 0.0  | 4.8  | 11.3 | 40.3 | 9.7  | 33.9 | 62       |
| College/University                           | 7.4  | 11.1 | 50.0 | 16.7 | 14.8 | 54       | 4.1  | 9.6  | 19.2 | 42.5 | 16.4 | 8.2  | 73       |
| Hospital                                     | 5.4  | 17.2 | 37.6 | 16.1 | 23.7 | 93       | 2.3  | 4.5  | 23.9 | 31.8 | 17.0 | 20.5 | 88       |
| Residential Health Care                      | <i>(n &lt; 25)</i>   |      |      |      |      | 16       | <i>(n &lt; 25)</i>   |      |      |      |      | 14   |          |
| Nonresidential Health Care                   | 9.3  | 13.3 | 30.7 | 17.3 | 29.3 | 150      | 11.5   | 10.8 | 16.5 | 28.1 | 7.2  | 25.9 | 139      |
| All Facility Types                           | 7.2  | 13.0 | 35.9 | 17.2 | 26.7 | 393      | 6.9  | 8.3  | 17.8 | 32.4 | 11.1 | 23.5 | 378      |
|  | Too many cells (24%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |      |      |      |      |          | Too many cells (27%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |      |      |      |      |      |          |

12 (cont'd.) Please indicate...

a) how **important** each of the following ASHA areas is to you in your professional role and  
 b) how you would **rate** the job that ASHA does in each of these areas.

Please circle one response under the “Importance to You” column **and** one response under the “Rating ASHA’s Performance” column for each program area. (Percentages)

Performance Scale: 1 = “Poor”  
 4 = “Excellent” or 5 = “Excellent”  
 DK = “Don’t Know”

Analyses limited to respondents who met the following criterion:  
 ❖ CCC-A

ASHA billing and reimbursement resources: Rating ASHA’s Performance

| Facility                   | Response   |      |      |      |      |          |  |     |      |      |      |      |          |  |
|----------------------------|--|------|------|------|------|----------|--|-----|------|------|------|------|----------|--|
|                            | 1  | 2    | 3    | 4    | DK   | <i>n</i> | 1  | 2   | 3    | 4    | 5    | DK   | <i>n</i> |  |
| School                     | 2.8  | 1.4  | 29.6 | 9.9  | 56.3 | 71       | 1.6  | 0.0 | 15.9 | 25.4 | 4.8  | 52.4 | 63       |  |
| College/University         | 0.0  | 9.6  | 34.6 | 21.2 | 34.6 | 52       | 0.0  | 1.4 | 21.9 | 39.7 | 16.4 | 20.5 | 73       |  |
| Hospital                   | 3.2  | 6.5  | 37.6 | 16.1 | 36.6 | 93       | 2.2  | 1.1 | 19.1 | 30.3 | 16.9 | 30.3 | 89       |  |
| Residential Health Care    | <i>(n &lt; 25)</i>   |      |      |      |      | 16       | <i>(n &lt; 25)</i>   |     |      |      |      | 14   |          |  |
| Nonresidential Health Care | 5.4  | 10.1 | 26.8 | 23.5 | 34.2 | 149      | 4.3  | 5.0 | 21.6 | 29.5 | 10.1 | 29.5 | 139      |  |
| All Facility Types         | 3.9  | 8.3  | 31.2 | 19.3 | 37.3 | 391      | 2.9  | 3.1 | 20.1 | 31.0 | 12.0 | 30.9 | 379      |  |
|                            | Too many cells (28%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |      |      |      |      |          | Too many cells (47%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |     |      |      |      |      |          |  |

12 (cont'd.) Please indicate...

a) how **important** each of the following ASHA areas is to you in your professional role and  
 b) how you would **rate** the job that ASHA does in each of these areas.

Please circle one response under the "Importance to You" column **and** one response under the "Rating ASHA's Performance" column for each program area. (Percentages)

Performance Scale: 1 = "Poor"  
 4 = "Excellent" or 5 = "Excellent"  
 DK = "Don't Know"

Analyses limited to respondents who met the following criterion:  
 ❖ CCC-A

ASHA CEU products: Rating ASHA's Performance

| Facility                   | Response   |      |      |      |      |          |  |     |      |      |      |      |          |  |
|----------------------------|--|------|------|------|------|----------|--|-----|------|------|------|------|----------|--|
|                            | 1  | 2    | 3    | 4    | DK   | <i>n</i> | 1  | 2   | 3    | 4    | 5    | DK   | <i>n</i> |  |
| School                     | 1.4  | 16.4 | 50.7 | 21.9 | 9.6  | 73       | 1.6  | 8.1 | 22.6 | 38.7 | 19.4 | 9.7  | 62       |  |
| College/University         | 0.0  | 11.1 | 42.6 | 29.6 | 16.7 | 54       | 0.0  | 4.1 | 19.2 | 38.4 | 21.9 | 16.4 | 73       |  |
| Hospital                   | 2.2  | 12.0 | 38.0 | 27.2 | 20.7 | 92       | 1.1  | 2.2 | 19.1 | 39.3 | 23.6 | 14.6 | 89       |  |
| Residential Health Care    | ( <i>n</i> < 25)   |      |      |      |      | 16       | ( <i>n</i> < 25)   |     |      |      |      | 14   |          |  |
| Nonresidential Health Care | 5.3  | 12.0 | 36.7 | 22.7 | 23.3 | 150      | 7.2  | 5.8 | 23.0 | 30.2 | 17.3 | 16.5 | 139      |  |
| All Facility Types         | 3.6  | 12.7 | 38.9 | 24.4 | 20.5 | 393      | 4.0  | 4.6 | 21.8 | 34.7 | 19.6 | 15.3 | 379      |  |
|                            | Too many cells (32%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |      |      |      |      |          | Too many cells (40%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |     |      |      |      |      |          |  |



12 (cont'd.) Please indicate...

a) how **important** each of the following ASHA areas is to you in your professional role and  
 b) how you would **rate** the job that ASHA does in each of these areas.

Please circle one response under the "Importance to You" column **and** one response under the "Rating ASHA's Performance" column for each program area. (Percentages)

Performance Scale: 1 = "Poor"  
 4 = "Excellent" or 5 = "Excellent"  
 DK = "Don't Know"

Analyses limited to respondents who met the following criterion:  
 ❖ CCC-A

ASHA website: Rating ASHA's Performance

| Facility                   | Response   |      |      |      |      |          |  |     |      |      |      |      |          |  |
|----------------------------|--|------|------|------|------|----------|--|-----|------|------|------|------|----------|--|
|                            | 1  | 2    | 3    | 4    | DK   | <i>n</i> | 1  | 2   | 3    | 4    | 5    | DK   | <i>n</i> |  |
| School                     | 2.8  | 7.0  | 45.1 | 29.6 | 15.5 | 71       | 1.6  | 6.3 | 14.3 | 44.4 | 19.0 | 14.3 | 63       |  |
| College/University         | 3.8  | 9.6  | 42.3 | 36.5 | 7.7  | 52       | 0.0  | 2.9 | 24.3 | 45.7 | 22.9 | 4.3  | 70       |  |
| Hospital                   | 2.2  | 11.0 | 49.5 | 22.0 | 15.4 | 91       | 1.1  | 0.0 | 18.2 | 42.0 | 26.1 | 12.5 | 88       |  |
| Residential Health Care    | <i>(n &lt; 25)</i>   |      |      |      |      | 16       | <i>(n &lt; 25)</i>   |     |      |      |      | 14   |          |  |
| Nonresidential Health Care | 3.4  | 11.0 | 37.2 | 25.5 | 22.8 | 145      | 0.0  | 6.0 | 23.1 | 32.1 | 15.7 | 23.1 | 134      |  |
| All Facility Types         | 3.1  | 10.7 | 41.8 | 25.8 | 18.7 | 383      | 0.5  | 3.8 | 21.1 | 37.8 | 19.7 | 17.1 | 370      |  |
|                            | Too many cells (32%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |      |      |      |      |          | Too many cells (40%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |     |      |      |      |      |          |  |

12 (cont'd.) Please indicate...

a) how **important** each of the following ASHA areas is to you in your professional role and  
 b) how you would **rate** the job that ASHA does in each of these areas.

Please circle one response under the "Importance to You" column **and** one response under the "Rating ASHA's Performance" column for each program area. (Percentages)

Performance Scale: 1 = "Poor"  
 4 = "Excellent" or 5 = "Excellent"  
 DK = "Don't Know"

Analyses limited to respondents who met the following criterion:  
 ❖ CCC-A

Certification: Rating ASHA's Performance

| Facility                   | Response   |      |      |      |     |          |  |     |      |      |      |     |          |  |
|----------------------------|--|------|------|------|-----|----------|--|-----|------|------|------|-----|----------|--|
|                            | 1  | 2    | 3    | 4    | DK  | <i>n</i> | 1  | 2   | 3    | 4    | 5    | DK  | <i>n</i> |  |
| School                     | 2.8  | 5.6  | 33.3 | 50.0 | 8.3 | 72       | 1.6  | 6.5 | 12.9 | 40.3 | 32.3 | 6.5 | 62       |  |
| College/University         | 1.9  | 18.5 | 57.4 | 16.7 | 5.6 | 54       | 8.1  | 5.4 | 14.9 | 29.7 | 36.5 | 5.4 | 74       |  |
| Hospital                   | 6.6  | 9.9  | 39.6 | 37.4 | 6.6 | 91       | 3.4  | 5.7 | 15.9 | 26.1 | 42.0 | 6.8 | 88       |  |
| Residential Health Care    | <i>(n &lt; 25)</i>   |      |      |      |     | 15       | <i>(n &lt; 25)</i>   |     |      |      |      | 14  |          |  |
| Nonresidential Health Care | 7.9  | 11.9 | 37.7 | 33.8 | 8.6 | 151      | 7.9  | 5.7 | 21.4 | 31.4 | 24.3 | 9.3 | 140      |  |
| All Facility Types         | 6.6  | 10.9 | 39.2 | 34.8 | 8.5 | 392      | 6.0  | 5.5 | 17.8 | 31.9 | 30.7 | 8.1 | 380      |  |
|                            | Too many cells (24%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |      |      |      |     |          | Too many cells (40%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |     |      |      |      |     |          |  |

12 (cont'd.) Please indicate...

a) how **important** each of the following ASHA areas is to you in your professional role and  
 b) how you would **rate** the job that ASHA does in each of these areas.

Please circle one response under the "Importance to You" column **and** one response under the "Rating ASHA's Performance" column for each program area. (Percentages)

Performance Scale: 1 = "Poor"  
 4 = "Excellent" or 5 = "Excellent"  
 DK = "Don't Know"

Analyses limited to respondents who met the following criterion:  
 ❖ CCC-A

Ethics: Rating ASHA's Performance

| Facility                   | Response   |     |      |      |      |          |  |     |      |      |      |      |          |  |
|----------------------------|--|-----|------|------|------|----------|--|-----|------|------|------|------|----------|--|
|                            | 1  | 2   | 3    | 4    | DK   | <i>n</i> | 1  | 2   | 3    | 4    | 5    | DK   | <i>n</i> |  |
| School                     | 1.4  | 7.0 | 28.2 | 47.9 | 15.5 | 71       | 1.6  | 3.2 | 11.1 | 41.3 | 30.2 | 12.7 | 63       |  |
| College/University         | 0.0  | 3.8 | 49.1 | 30.2 | 17.0 | 53       | 1.4  | 2.7 | 20.3 | 32.4 | 32.4 | 10.8 | 74       |  |
| Hospital                   | 3.3  | 6.5 | 44.6 | 22.8 | 22.8 | 92       | 2.2  | 0.0 | 9.0  | 38.2 | 31.5 | 19.1 | 89       |  |
| Residential Health Care    | <i>(n &lt; 25)</i>   |     |      |      |      | 16       | <i>(n &lt; 25)</i>   |     |      |      |      | 14   |          |  |
| Nonresidential Health Care | 2.7  | 4.7 | 33.3 | 38.7 | 20.7 | 150      | 3.6  | 3.6 | 18.7 | 33.8 | 22.3 | 18.0 | 139      |  |
| All Facility Types         | 2.4  | 5.4 | 37.2 | 34.4 | 20.6 | 392      | 2.7  | 2.5 | 15.4 | 36.3 | 26.3 | 16.8 | 380      |  |
|                            | Too many cells (36%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |     |      |      |      |          | Too many cells (43%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |     |      |      |      |      |          |  |

12 (cont'd.) Please indicate...

a) how **important** each of the following ASHA areas is to you in your professional role and  
 b) how you would **rate** the job that ASHA does in each of these areas.

Please circle one response under the “Importance to You” column **and** one response under the “Rating ASHA’s Performance” column for each program area. (Percentages)

Performance Scale: 1 = “Poor”  
 4 = “Excellent” or 5 = “Excellent”  
 DK = “Don’t Know”

Analyses limited to respondents who met the following criterion:  
 ❖ CCC-A

Multicultural resources: Rating ASHA’s Performance

| Facility                   | Response   |     |      |      |      |          |  |     |      |      |      |      |          |  |
|----------------------------|--|-----|------|------|------|----------|--|-----|------|------|------|------|----------|--|
|                            | 1  | 2   | 3    | 4    | DK   | <i>n</i> | 1  | 2   | 3    | 4    | 5    | DK   | <i>n</i> |  |
| School                     | 1.4  | 5.6 | 34.7 | 13.9 | 44.4 | 72       | 0.0  | 4.8 | 12.7 | 34.9 | 6.3  | 41.3 | 63       |  |
| College/University         | 0.0  | 3.8 | 36.5 | 15.4 | 44.2 | 52       | 1.4  | 0.0 | 17.8 | 38.4 | 20.5 | 21.9 | 73       |  |
| Hospital                   | 2.2  | 4.4 | 27.5 | 13.2 | 52.7 | 91       | 1.1  | 0.0 | 21.3 | 28.1 | 14.6 | 34.8 | 89       |  |
| Residential Health Care    | ( <i>n</i> < 25)   |     |      |      |      | 16       | ( <i>n</i> < 25)   |     |      |      |      | 14   |          |  |
| Nonresidential Health Care | 2.7  | 5.3 | 17.3 | 12.7 | 62.0 | 150      | 5.0  | 1.4 | 15.8 | 18.0 | 7.2  | 52.5 | 139      |  |
| All Facility Types         | 2.1  | 5.1 | 24.1 | 12.9 | 55.8 | 391      | 2.9  | 1.2 | 17.3 | 24.6 | 10.4 | 43.6 | 379      |  |
|                            | Too many cells (44%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |     |      |      |      |          | Too many cells (43%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |     |      |      |      |      |          |  |

12 (cont'd.) Please indicate...

a) how **important** each of the following ASHA areas is to you in your professional role and  
 b) how you would **rate** the job that ASHA does in each of these areas.

Please circle one response under the "Importance to You" column **and** one response under the "Rating ASHA's Performance" column for each program area. (Percentages)

Performance Scale: 1 = "Poor"  
 4 = "Excellent" or 5 = "Excellent"  
 DK = "Don't Know"

Analyses limited to respondents who met the following criterion:  
 ❖ CCC-A

Practice resources: Rating ASHA's Performance

| Facility                   | Response   |      |      |      |      |          |  |     |      |      |      |      |          |  |
|----------------------------|--|------|------|------|------|----------|--|-----|------|------|------|------|----------|--|
|                            | 1  | 2    | 3    | 4    | DK   | <i>n</i> | 1  | 2   | 3    | 4    | 5    | DK   | <i>n</i> |  |
| School                     | 1.4  | 9.6  | 32.9 | 17.8 | 38.4 | 73       | 1.6  | 3.2 | 24.2 | 29.0 | 8.1  | 33.9 | 62       |  |
| College/University         | 1.9  | 11.5 | 32.7 | 13.5 | 40.4 | 52       | 0.0  | 4.2 | 18.1 | 33.3 | 16.7 | 27.8 | 72       |  |
| Hospital                   | 2.2  | 9.0  | 36.0 | 10.1 | 42.7 | 89       | 3.4  | 1.1 | 20.2 | 25.8 | 18.0 | 31.5 | 89       |  |
| Residential Health Care    | <i>(n &lt; 25)</i>   |      |      |      |      | 15       | <i>(n &lt; 25)</i>   |     |      |      |      | 12   |          |  |
| Nonresidential Health Care | 4.0  | 10.6 | 23.2 | 16.6 | 45.7 | 151      | 4.3  | 2.9 | 23.9 | 28.3 | 6.5  | 34.1 | 138      |  |
| All Facility Types         | 2.9  | 10.0 | 29.0 | 14.7 | 43.3 | 390      | 3.2  | 2.6 | 22.0 | 28.8 | 10.8 | 32.6 | 376      |  |
|                            | Too many cells (32%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |      |      |      |      |          | Too many cells (47%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |     |      |      |      |      |          |  |

12 (cont'd.) Please indicate...

a) how **important** each of the following ASHA areas is to you in your professional role and  
 b) how you would **rate** the job that ASHA does in each of these areas.

Please circle one response under the "Importance to You" column **and** one response under the "Rating ASHA's Performance" column for each program area. (Percentages)

Performance Scale: 1 = "Poor"  
 4 = "Excellent" or 5 = "Excellent"  
 DK = "Don't Know"

Analyses limited to respondents who met the following criterion:  
 ❖ CCC-A

| Special Interest Groups (SIGs): Rating ASHA's Performance |  |      |      |      |      |          |  |     |      |      |      |      |          |
|---|--|------|------|------|------|----------|--|-----|------|------|------|------|----------|
| Facility  | Response   |      |      |      |      |          |  |     |      |      |      |      |          |
|   | 1  | 2    | 3    | 4    | DK   | <i>n</i> | 1  | 2   | 3    | 4    | 5    | DK   | <i>n</i> |
| School  | 1.4  | 11.1 | 29.2 | 13.9 | 44.4 | 72       | 0.0  | 4.8 | 17.7 | 27.4 | 11.3 | 38.7 | 62       |
| College/University  | 0.0  | 11.3 | 24.5 | 20.8 | 43.4 | 53       | 0.0  | 1.4 | 16.7 | 27.8 | 23.6 | 30.6 | 72       |
| Hospital  | 3.3  | 8.7  | 29.3 | 15.2 | 43.5 | 92       | 4.5  | 0.0 | 17.0 | 25.0 | 17.0 | 36.4 | 88       |
| Residential Health Care                                   | <i>(n &lt; 25)</i>   |      |      |      |      | 16       | <i>(n &lt; 25)</i>   |     |      |      |      | 14   |          |
| Nonresidential Health Care                                | 6.6  | 5.3  | 17.2 | 11.3 | 59.6 | 151      | 5.8  | 1.4 | 18.1 | 15.2 | 4.3  | 55.1 | 138      |
| All Facility Types  | 4.4  | 7.5  | 22.6 | 13.6 | 51.9 | 394      | 4.1  | 1.5 | 17.6 | 20.8 | 10.5 | 45.6 | 376      |
|   | Too many cells (32%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |      |      |      |      |          | Too many cells (43%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |     |      |      |      |      |          |

12 (cont'd.) Please indicate...

a) how **important** each of the following ASHA areas is to you in your professional role and  
 b) how you would **rate** the job that ASHA does in each of these areas.

Please circle one response under the "Importance to You" column **and** one response under the "Rating ASHA's Performance" column for each program area. (Percentages)

Performance Scale: 1 = "Poor"  
 4 = "Excellent" or 5 = "Excellent"  
 DK = "Don't Know"

Analyses limited to respondents who met the following criterion:  
 ❖ CCC-A

*The ASHA Leader: Rating ASHA's Performance*

| Facility                   | Response   |      |      |      |      |          |  |     |      |      |      |      |          |  |
|----------------------------|--|------|------|------|------|----------|--|-----|------|------|------|------|----------|--|
|                            | 1  | 2    | 3    | 4    | DK   | <i>n</i> | 1  | 2   | 3    | 4    | 5    | DK   | <i>n</i> |  |
| School                     | 1.4  | 14.1 | 49.3 | 23.9 | 11.3 | 71       | 3.2  | 4.8 | 20.6 | 41.3 | 23.8 | 6.3  | 63       |  |
| College/University         | 3.6  | 5.5  | 50.9 | 30.9 | 9.1  | 55       | 0.0  | 5.5 | 20.5 | 31.5 | 34.2 | 8.2  | 73       |  |
| Hospital                   | 4.3  | 12.0 | 43.5 | 22.8 | 17.4 | 92       | 2.2  | 4.5 | 21.3 | 33.7 | 24.7 | 13.5 | 89       |  |
| Residential Health Care    | <i>(n &lt; 25)</i>   |      |      |      |      | 16       | <i>(n &lt; 25)</i>   |     |      |      |      | 14   |          |  |
| Nonresidential Health Care | 7.3  | 11.3 | 40.0 | 20.7 | 20.7 | 150      | 5.8  | 5.1 | 27.5 | 28.3 | 18.8 | 14.5 | 138      |  |
| All Facility Types         | 5.6  | 11.6 | 42.2 | 22.5 | 18.1 | 393      | 3.7  | 5.0 | 23.6 | 32.3 | 22.2 | 13.2 | 378      |  |
|                            | Too many cells (28%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |      |      |      |      |          | Too many cells (43%) have expected counts less than 5.<br><u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility. |     |      |      |      |      |          |  |

**Ethics**

| 13. Select <u>UP TO THREE</u> areas of ethics education for which you would like ASHA to offer CEU products. (Percentages)<br>Analyses limited to respondents who met the following criterion:<br>❖ CCC-A |   |                                     |                       |  |                                     |                                    |
|---|---|-------------------------------------|-----------------------|--|-------------------------------------|------------------------------------|
| Ethics Education  | Facility Type   |                                     |                       |  |                                     |                                    |
|   | School<br>(n = 141)   | College/<br>university<br>(n = 131) | Hospital<br>(n = 191) | Residential<br>Health Care<br>(n = 30) | Nonres.<br>Health Care<br>(n = 305) | All Facility<br>Types<br>(n = 845) |
| Clinical fellowship issues  | 7.1   | 22.1                                | 13.1                  | 3.3                                    | 10.2                                | 11.1                               |
|   | Statistical significance : $\chi^2(4) = 19.2, p = .001$ , Cramer's V = .155<br><u>Conclusion</u> : There is adequate evidence from the data to say that the responses vary by type of facility. |                                     |                       |  |                                     |                                    |
| Conflicts of interest   | 30.5  | 31.3                                | 29.8                  | 43.3                                   | 32.8                                | 30.8                               |
|   | Statistical significance : $\chi^2(4) = 2.4, p = .656$<br><u>Conclusion</u> : there is <u>not</u> enough evidence from the data to say that the responses vary by type of facility.             |                                     |                       |  |                                     |                                    |
| Employer/supervisor demands   | 29.1  | 22.9                                | 23.0                  | 23.3                                   | 18.4                                | 20.2                               |
|   | Statistical significance : $\chi^2(4) = 6.6, p = .160$<br><u>Conclusion</u> : there is <u>not</u> enough evidence from the data to say that the responses vary by type of facility.             |                                     |                       |  |                                     |                                    |
| Reporting incompetent ASHA members  | 6.4   | 9.2                                 | 10.5                  | 13.3                                   | 5.6                                 | 7.4                                |
|   | Statistical significance : $\chi^2(4) = 6.0, p = .197$<br><u>Conclusion</u> : there is <u>not</u> enough evidence from the data to say that the responses vary by type of facility.             |                                     |                       |  |                                     |                                    |
| Identifying/reporting SLPs or audiologists who exhibit professionally inappropriate behavior  | 14.9  | 14.5                                | 9.4                   | 10.0                                   | 9.5                                 | 10.1                               |
|   | Statistical significance : $\chi^2(4) = 4.9, p = .302$<br><u>Conclusion</u> : there is <u>not</u> enough evidence from the data to say that the responses vary by type of facility.             |                                     |                       |  |                                     |                                    |

(Table 13 continues on next page.)



| 13 (cont'd.) Select <u>UP TO THREE</u> areas of ethics education for which you would like ASHA to offer CEU products.<br>(Percentages)<br>Analyses limited to respondents who met the following criterion:<br>❖ CCC-A |   |                                     |                       |  |                                     |                                    |
|---|---|-------------------------------------|-----------------------|--|-------------------------------------|------------------------------------|
| Ethics Education  | Facility Type   |                                     |                       |  |                                     |                                    |
|   | School<br>(n = 141)   | College/<br>university<br>(n = 131) | Hospital<br>(n = 191) | Residential<br>Health Care<br>(n = 30) | Nonres.<br>Health Care<br>(n = 305) | All Facility<br>Types<br>(n = 845) |
| Legal and regulatory disclosures  | 32.6  | 29.0                                | 20.9                  | 30.0                                   | 32.1                                | 27.6                               |
|   | Statistical significance : $\chi^2(4) = 8.4, p = .078$<br><u>Conclusion:</u> there is <u>not</u> enough evidence from the data to say that the responses vary by type of facility.              |                                     |                       |  |                                     |                                    |
| Multicultural/bilingual issues  | 22.7  | 16.0                                | 10.5                  | 13.3                                   | 4.3                                 | 8.7                                |
|   | Statistical significance : $\chi^2(4) = 36.6, p = .000$ , Cramer's V = .214<br><u>Conclusion:</u> There is adequate evidence from the data to say that the responses vary by type of facility.  |                                     |                       |  |                                     |                                    |
| Patient/client documentation  | 36.2  | 26.7                                | 29.8                  | 46.7                                   | 38.0                                | 33.0                               |
|   | Statistical significance : $\chi^2(4) = 9.2, p = .057$<br><u>Conclusion:</u> there is <u>not</u> enough evidence from the data to say that the responses vary by type of facility.              |                                     |                       |  |                                     |                                    |
| Reimbursement, coding, or billing issues  | 10.6  | 38.9                                | 49.2                  | 60.0                                   | 66.6                                | 51.3                               |
|   | Statistical significance : $\chi^2(4) = 127.1, p = .000$ , Cramer's V = .399<br><u>Conclusion:</u> There is adequate evidence from the data to say that the responses vary by type of facility. |                                     |                       |  |                                     |                                    |
| Supervision issues  | 14.9  | 43.5                                | 26.7                  | 10.0                                   | 11.5                                | 18.0                               |
|   | Statistical significance : $\chi^2(4) = 66.0, p = .000$ , Cramer's V = .287<br><u>Conclusion:</u> There is adequate evidence from the data to say that the responses vary by type of facility.  |                                     |                       |  |                                     |                                    |
| Use of support personnel for speech or audiology  | 30.5  | 13.7                                | 24.1                  | 23.3                                   | 23.9                                | 23.0                               |
|   | Statistical significance : $\chi^2(4) = 10.9, p = .028$ , Cramer's V = .117<br><u>Conclusion:</u> There is adequate evidence from the data to say that the responses vary by type of facility.  |                                     |                       |  |                                     |                                    |

## Workforce

14. What scope of practice concerns do you have that might impact your employment?

Analyses limited to respondents who met the following criterion:

❖ CCC-A

This was an open-ended question. Contact the Surveys and Analysis unit at [data@asha.org](mailto:data@asha.org) for results.

**Your Background: Demographics**

| 15. Which one of the following best describes your role in private practice? (Percentages)<br>Analyses limited to respondents who met the following criterion:<br>❖ CCC-A                      |                     |                                     |                       |  |                                     |                                    |
|--|---------------------|-------------------------------------|-----------------------|--|-------------------------------------|------------------------------------|
| Private Practice   | Facility Type       |                                     |                       |  |                                     |                                    |
|  | School<br>(n = 140) | College/<br>university<br>(n = 125) | Hospital<br>(n = 190) | Residential<br>Health Care<br>(n = 30) | Nonres.<br>Health Care<br>(n = 301) | All Facility<br>Types<br>(n = 801) |
| I do not work in private practice.   | 90.0                | 95.2                                | 89.5                  | 63.3                                   | 35.2                                | 61.8                               |
| Owner or co-owner of a private practice  | 7.9                 | 2.4                                 | 6.3                   | 20.0                                   | 26.6                                | 16.7                               |
| Paid employee in a private practice  | 2.1                 | 2.4                                 | 4.2                   | 16.7                                   | 38.2                                | 21.5                               |
| Statistical significance : $\chi^2(8) = 272.1, p = .000$ , Cramer's V = .416<br><u>Conclusion:</u> There is adequate evidence from the data to say that the responses vary by type of facility |                     |                                     |                       |  |                                     |                                    |

16. Although you may work in several types of facilities, select the ONE facility that best describes where you work most of the time. *For individuals engaged in private practice, select the type of facility in which you deliver most of your services. Only one answer can be accepted.* (Percentages)

Analyses limited to respondents who met the following criteria:

- ❖ CCC-A
- ❖ Employed full-time or part-time

| Facility  | Weighted       | Unweighted     |
|---|----------------|----------------|
|   | <i>n</i> = 805 | <i>n</i> = 804 |
| School  | 9.8            | 17.4           |
| College/university  | 9.3            | 16.3           |
| Hospital  | 26.8           | 23.6           |
| Residential health care facility  | 2.1            | 3.7            |
| Nonresidential health care facility, <u>including</u> audiologist's, SLP's, or physician's office or clinic | 50.6           | 37.7           |
| Other; specify:   | 1.4            | 1.2            |
| <b>Recoded to delete "other"</b>  |                |                |
|   | <i>n</i> = 793 | <i>n</i> = 794 |
| School  | 10.0           | 17.6           |
| College/university  | 9.5            | 16.5           |
| Hospital  | 27.2           | 23.9           |
| Residential health care facility  | 2.1            | 3.8            |
| Nonresidential health care facility, <u>including</u> audiologist's, SLP's, or physician's office or clinic | 51.3           | 38.2           |

| 17. In what state is your primary employment facility located? <i>Use two-letter postal abbreviation (e.g., UT for Utah).</i> |          |                |          |                |          |
|---|----------|----------------|----------|----------------|----------|
| Analyses limited to respondents who met the following criteria:   |          |                |          |                |          |
| ❖ CCC-A   |          |                |          |                |          |
| ❖ Employed full-time or part-time   |          |                |          |                |          |
| State   | <i>n</i> | State          | <i>n</i> | State          | <i>n</i> |
| Alabama   | 13       | Kentucky       | 12       | North Dakota   | 1        |
| Alaska  | 1        | Louisiana      | 16       | Ohio           | 43       |
| Arizona   | 13       | Maine          | 4        | Oklahoma       | 5        |
| Arkansas  | 4        | Maryland       | 29       | Oregon         | 12       |
| California  | 56       | Massachusetts  | 28       | Pennsylvania   | 38       |
| Colorado  | 22       | Michigan       | 26       | Rhode Island   | 4        |
| Connecticut   | 18       | Minnesota      | 14       | South Carolina | 10       |
| Delaware  | 5        | Mississippi    | 9        | South Dakota   | 2        |
| District of Columbia  | 7        | Missouri       | 18       | Tennessee      | 24       |
| Florida   | 40       | Montana        | 0        | Texas          | 47       |
| Georgia   | 12       | Nebraska       | 11       | Utah           | 9        |
| Hawaii  | 0        | Nevada         | 0        | Vermont        | 5        |
| Idaho   | 2        | New Hampshire  | 6        | Virginia       | 27       |
| Illinois  | 35       | New Jersey     | 13       | Washington     | 25       |
| Indiana   | 17       | New Mexico     | 4        | West Virginia  | 5        |
| Iowa  | 12       | New York       | 61       | Wisconsin      | 27       |
| Kansas  | 5        | North Carolina | 11       | Wyoming        | 1        |
|   |          |                |          | Total          | 806      |

| 17 (cont'd.) In what state is your primary employment facility located? Use two-letter postal abbreviation (e.g., UT for Utah).   |                     |                                     |                       |  |                                     |                                    |
|---|---------------------|-------------------------------------|-----------------------|--|-------------------------------------|------------------------------------|
| Analyses limited to respondents who met the following criteria:   |                     |                                     |                       |  |                                     |                                    |
| ❖ CCC-A   |                     |                                     |                       |  |                                     |                                    |
| ❖ Employed full-time or part-time   |                     |                                     |                       |  |                                     |                                    |
| Region/Division   | Facility Type       |                                     |                       |  |                                     |                                    |
|   | School<br>(n = 140) | College/<br>university<br>(n = 130) | Hospital<br>(n = 189) | Residential<br>Health Care<br>(n = 30) | Nonres.<br>Health Care<br>(n = 303) | All Facility<br>Types<br>(n = 806) |
| <b>Northeast</b>  | <b>19.3</b>         | <b>20.0</b>                         | <b>23.3</b>           | <b>36.7</b>                            | <b>21.8</b>                         | <b>21.9</b>                        |
| Middle Atlantic   | 12.9                | 14.6                                | 13.2                  | 33.3                                   | 13.9                                | 13.8                               |
| New England   | 6.4                 | 5.4                                 | 10.1                  | 3.3                                    | 7.9                                 | 8.1                                |
| <b>Midwest</b>  | <b>27.9</b>         | <b>27.7</b>                         | <b>27.0</b>           | <b>26.7</b>                            | <b>25.4</b>                         | <b>26.4</b>                        |
| East North Central  | 17.1                | 16.9                                | 19.0                  | 20.0                                   | 18.5                                | 18.4                               |
| West North Central  | 10.7                | 10.8                                | 7.9                   | 6.7                                    | 6.9                                 | 8.0                                |
| <b>South</b>  | <b>32.9</b>         | <b>39.2</b>                         | <b>29.6</b>           | <b>26.7</b>                            | <b>36.3</b>                         | <b>34.0</b>                        |
| East South Central  | 4.3                 | 13.1                                | 7.4                   | 6.7                                    | 6.6                                 | 7.1                                |
| South Atlantic  | 22.1                | 16.9                                | 12.7                  | 16.7                                   | 20.1                                | 18.0                               |
| West South Central  | 6.4                 | 9.2                                 | 9.5                   | 3.3                                    | 9.6                                 | 8.9                                |
| <b>West</b>   | <b>20.0</b>         | <b>13.1</b>                         | <b>20.1</b>           | <b>10.0</b>                            | <b>16.5</b>                         | <b>17.8</b>                        |
| Mountain  | 10.0                | 6.9                                 | 4.2                   | 6.7                                    | 6.3                                 | 6.2                                |
| Pacific   | 10.0                | 6.2                                 | 15.9                  | 3.3                                    | 10.2                                | 11.6                               |
| Statistical significance:<br>For 4 Regions: $\chi^2(12) = 11.0, p = .527$<br>For 9 Divisions: $\chi^2(32) = 42.6, p = .100$<br><u>Conclusion:</u> there is <u>not</u> enough evidence from the data to say that the responses vary by type of facility. |                     |                                     |                       |  |                                     |                                    |

| <p>18. Although you may perform more than one job function, select the <u>ONE</u> position that best describes how you spend <u>most</u> of your time. <i>Only one answer can be accepted.</i> (Percentages)</p> <p>Analyses limited to respondents who met the following criteria:</p> <ul style="list-style-type: none"> <li>❖ CCC-A</li> <li>❖ Employed full-time or part-time</li> </ul> |                     |                                     |                       |  |                                     |                                    |
|--|---------------------|-------------------------------------|-----------------------|--|-------------------------------------|------------------------------------|
| Response   | Facility Type       |                                     |                       |  |                                     |                                    |
|  | School<br>(n = 138) | College/<br>university<br>(n = 130) | Hospital<br>(n = 190) | Residential<br>Health Care<br>(n = 30) | Nonres.<br>Health Care<br>(n = 302) | All Facility<br>Types<br>(n = 799) |
| Clinical service provider (includes all individuals providing any direct service)  | 89.1                | 16.9                                | 86.8                  | 93.3                                   | 96.0                                | 84.9                               |
| Special education teacher  | 3.6                 | 0.0                                 | 0.0                   | 0.0                                    | 0.0                                 | 0.4                                |
| College/university faculty member  | 0.0                 | 56.2                                | 0.0                   | 0.0                                    | 0.0                                 | 5.2                                |
| Researcher   | 0.0                 | 7.7                                 | 2.1                   | 0.0                                    | 0.0                                 | 1.4                                |
| Consultant   | 4.3                 | 0.8                                 | 0.5                   | 0.0                                    | 0.3                                 | 1.1                                |
| Administrator/director/chair/supervisor  | 2.9                 | 18.5                                | 10.5                  | 6.7                                    | 3.6                                 | 7.0                                |
| <p>Too many cells (53%) have expected counts less than 5.<br/> <u>Conclusion:</u> Too little data are available in some facility categories to test whether responses vary by type of facility.</p>  |                     |                                     |                       |  |                                     |                                    |

19. How many years have you been employed in the discipline? *Exclude your clinical fellowship. Round to the nearest full year. Enter "0" if you have never been employed in the discipline.*  
Analyses limited to respondents who met the following criterion:  
❖ CCC-A

| Experience   | Facility Type               |   |                               |  |   |  |
|--|-----------------------------|---|-------------------------------|--|---|--|
|  | School<br>( <i>n</i> = 141) | College/<br>university<br>( <i>n</i> = 129) | Hospital<br>( <i>n</i> = 189) | Residential<br>Health Care<br>( <i>n</i> = 30) | Nonres.<br>Health Care<br>( <i>n</i> = 305) | All Facility<br>Types<br>( <i>n</i> = 839) |
| Mean   | 23.9                        | 23.6  | 18.6                          | 18.5   | 21.0  | 20.7                                       |
| Standard deviation   | 8.8                         | 11.5  | 10.6                          | 12.3   | 10.3  | 10.7                                       |
| 25th percentile  | 16.5                        | 12.0  | 10.0                          | 10.8   | 12.5  | 12.0                                       |
| <b>50th percentile (median)</b>  | <b>24.0</b>                 | <b>25.0</b>                                 | <b>17.0</b>                   | <b>13.0</b>                                    | <b>20.0</b>                                 | <b>20.0</b>                                |
| 75th percentile  | 31.0                        | 34.5  | 27.5                          | 25.5   | 28.0  | 30.0                                       |
| Mode   | 30.0                        | 35.0  | 5.0                           | 12.0   | 30.0  | 30.0                                       |
| Statistical significance: $F(4, 789) = 7.6, p = .000$<br><u>Conclusion:</u> There is adequate evidence from the data to say that the means vary by type of facility. |                             |   |                               |  |   |  |





| 20. Are you...? (Percentages)<br>Analyses limited to respondents who met the following criterion:<br>❖ CCC-A  |                     |                                     |                       |  |                                     |                                    |
|---|---------------------|-------------------------------------|-----------------------|--|-------------------------------------|------------------------------------|
| Response  | Facility Type       |                                     |                       |  |                                     |                                    |
|   | School<br>(n = 141) | College/<br>university<br>(n = 131) | Hospital<br>(n = 188) | Residential<br>Health Care<br>(n = 30) | Nonres.<br>Health Care<br>(n = 304) | All Facility<br>Types<br>(n = 840) |
| Female  | 89.4                | 72.5                                | 91.5                  | 76.7                                   | 81.9                                | 84.4                               |
| Male  | 10.6                | 27.5                                | 8.5                   | 23.3                                   | 18.1                                | 15.6                               |
| Statistical significance : $\chi^2(4) = 25.5, p = .000$ , Cramer's V = .179<br><u>Conclusion:</u> There is adequate evidence from the data to say that the responses vary by type of facility |                     |                                     |                       |  |                                     |                                    |



| 21. Which of the following Certificates of Clinical Competence do you hold? <i>Select all that apply. Select "CF" only if you are currently completing your clinical fellowship.</i> (Percentages) |  |                        |                |                            |                        |                       |
|--|--|------------------------|----------------|----------------------------|------------------------|-----------------------|
| Credential   | Facility Type  |                        |                |                            |                        |                       |
|  | School   | College/<br>university | Hospital       | Residential<br>Health Care | Nonres.<br>Health Care | All Facility<br>Types |
| <b>Recoded to CCC-A and CCC-SLP only (unweighted)</b>  |  |                        |                |                            |                        |                       |
|  | <i>n</i> = 579   | <i>n</i> = 318         | <i>n</i> = 380 | <i>n</i> = 205             | <i>n</i> = 536         | <i>n</i> = 2,171      |
| CCC-A, hold  | 24.4   | 41.2                   | 50.3           | 14.6                       | 56.9                   | 38.9                  |
| CCC-SLP, hold  | 75.6   | 58.8                   | 49.7           | 85.4                       | 43.1                   | 61.1                  |
|  | Some facilities were purposefully oversampled and others undersampled, so percentages do not represent the actual distribution in the ASHA membership. |                        |                |                            |                        |                       |
| <b>Recoded to CCC-A and CCC-SLP only (weighted)</b>  |  |                        |                |                            |                        |                       |
|  | <i>n</i> = 764   | <i>n</i> = 112         | <i>n</i> = 366 | <i>n</i> = 146             | <i>n</i> = 625         | <i>n</i> = 2,171      |
| CCC-A, hold  | 10.3   | 67.0                   | 59.3           | 11.6                       | 65.6                   | 38.9                  |
| CCC-SLP, hold  | 89.7   | 33.0                   | 40.7           | 88.4                       | 34.4                   | 61.1                  |

## Appendix

***Geographic  
Regions and  
Divisions of the  
Country***

Northeast

- ◆ Middle Atlantic
  - New Jersey
  - New York
  - Pennsylvania
- ◆ New England
  - Connecticut
  - Maine
  - Massachusetts
  - New Hampshire
  - Rhode Island
  - Vermont

South

- ◆ East South Central
  - Alabama
  - Kentucky
  - Mississippi
  - Tennessee
- ◆ South Atlantic
  - Delaware
  - District of Columbia
  - Florida
  - Georgia
  - Maryland
  - North Carolina
  - South Carolina
  - Virginia
  - West Virginia
- ◆ West South Central
  - Arkansas
  - Louisiana
  - Oklahoma
  - Texas

Midwest

- ◆ East North Central
  - Illinois
  - Indiana
  - Michigan
  - Ohio
  - Wisconsin
- ◆ West North Central
  - Iowa
  - Kansas
  - Minnesota
  - Missouri
  - Nebraska
  - North Dakota
  - South Dakota

West

- ◆ Mountain
  - Arizona
  - Colorado
  - Idaho
  - Montana
  - Nevada
  - New Mexico
  - Utah
  - Wyoming
- ◆ Pacific
  - Alaska
  - California
  - Hawaii
  - Oregon
  - Washington

Statistics used in the summary report include the following:

| Notation           | Description   |
|--------------------|---|
| Response rate      | <p>The percentage of individuals who were included in the sample, minus any who were ineligible</p> $RR = \frac{(C + P)}{S - (Ret + I)}$ <p>Where</p> <ul style="list-style-type: none"> <li>RR = Response rate</li> <li>C = Number of completed surveys</li> <li>P = Number of partial surveys</li> <li>S = Sample size</li> <li>Ret = Ineligible because of retirement</li> <li>I = Ineligible for other reasons (e.g., no longer in the field, on leave of absence)</li> </ul> $RR = \frac{2,171}{4,000 - (24)} = 54.6\%$  |
| <i>n</i>           | The number in the sample. In this report, the number of people who answered a particular question.  |
| Mean               | <p>A measure of central tendency; an average. Add the total of all the values and divide by the number of items.</p> <p>Example: <math>(1 + 1 + 7 + 34 + 88) / 5 = 26.2</math></p>  |
| Standard deviation | <p>A statistic that shows the spread of scores in a distribution. Used with means. The larger the standard deviation, the more widely the scores are spread out around the mean.</p> <p>About 68% of the measurement is between 1 standard deviation greater than and 1 standard deviation smaller than the mean; 95% are plus/minus 2 standard deviations.</p> <p>Example: <math>(1 + 1 + 7 + 34 + 88)</math>                      Standard deviation = 37.1</p> <p>Therefore, 68% of the responses are between -10.9 <math>(26.2 - 37.1)</math> and 63.3 <math>(26.2 + 37.1)</math></p> |
| Median             | <p>A measure of central tendency; the midpoint. Arrange the values in order, from lowest to highest. Select the value in the middle position.</p> <p>Example: 1, 1, 7, 34, 88                      Median = 7</p>   |

| Notation                 | Description  |
|--------------------------|--|
| Mode                     | A measure of central tendency. The value that occurs more frequently than any other value.<br><br>Example: 1, 1, 7, 34, 88                      Mode = 1   |
| Statistical significance | Describes whether a value is larger or smaller than would be expected by chance alone.<br>Note that a large sample size can lead to results that are “statistically significant” even though the results themselves may not have substantive or practical significance. This is particularly true for chi-square ( $X^2$ ) tests.  |
| Chi square ( $X^2$ )     | A test used to assess the statistical significance of a finding where the variables being assessed are nominal (e.g., “CCC-A” and “CCC-A”) or ordinal (e.g., “Poor,” “Fair,” “Good,” and “Excellent”). It measures whether there are statistically significant differences between the observed frequencies and the expected frequencies of two variables. The larger the observed frequency is in comparison with the expected frequency, the larger the $X^2$ statistic and the more likely the difference is statistically significant. When the sample size is large, large $X^2$ values (that are statistically significant) can be obtained even for weak associations. <sup>1</sup> |
| Cramer’s V and Phi       | A measure of the <u>strength</u> of the association, used with $X^2$ statistics to identify the meaningfulness of a relationship. The $X^2$ value may be large with a probability of having occurred by chance that is small ( $p < .05$ ). That is, it is “statistically significant at the .05 level.” Cramer’s V and Phi tell us “so what”: how strong (practically important) is the relationship between the variables. The larger the value of Cramer’s V/Phi, the stronger the association. Phi is used for 2 x 2 tables; Cramer’s V is reported for tables larger than 2 x 2. These statistics are only presented in this report when $p \leq .05$ .                               |
| $F$                      | The statistic computed when conducting an analysis of variance.  |
| Analysis of Variance     | Tests the statistical significance of differences in means on two or more groups. Used for categorical independent variables (e.g., types of schools) and a continuous or interval dependent variable (e.g., salaries).  |
| $p$                      | Probability. Found in expressions such as $p = .003$ , meaning “The probability that this result could have been produced by chance is 1 in 3/1000ths.” The smaller the number, the less likely that the result was due to chance. The $p$ value is the actual probability associated with an obtained statistical result, such as $X^2$ . <sup>1</sup>  |
| $df$                     | Degrees of freedom. The number of values that are free to vary when computing a statistic. Used in interpreting a $X^2$ ratio. It is calculated in a cross-tabulation as $(R - 1)(C - 1)$ or (the number of rows minus 1) times (the number of columns minus 1). In a 3 x 4 table, $df$ would be 6.  |

<sup>1</sup> Vogt, W. P. (1999). *Dictionary of statistics & methodology* (2nd ed.). Newbury Park, CA: Sage.