

# **Supporting Statement B**

**for**

## **Early Hearing Detection and Intervention- Pediatric Audiology Links to Services (EHDI-PALS) Survey**

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## **B. Collections of Information Employing Statistical Methods**

### **B.1. Respondent Universe and Sampling Methods**

Both the American Speech-Language-Hearing Association (ASHA) and American Academy of Audiology (AAA) are members of the Early Hearing Detection and Intervention- Pediatric Audiology Links to Services (EHDI-PALS) workgroup and have plans to disseminate a request through the association e-newsletter to all pediatric audiologists to complete the EHDI-PALS survey. Pediatric audiologists who provide audiologic services to children age 5 and younger are our target respondents. It is estimated that potentially 2000 audiologists will read through the purpose statement located on page one of the survey to decide whether or not to complete the survey. It is estimated that 1500 audiologists will complete the survey. The survey will be available via a secure password protected website which will be maintained by University of Maine Centre for Research and Evaluation. The respondent universe is estimated based on ASHA 2010 audiology membership survey<sup>1</sup>. The published survey (ASHA.org) revealed our sampling universe as follows:

<b>Potential Sampling Universe</b>	
<b>Work Setting of Audiologists</b>	<b>Estimated Number of Audiologists</b>
School	885
Colleges and Universities	770
Hospitals	2499
Non-Residential Health Care	4884

### **B.2. Procedures for the Collection of Information**

This data collection is intended to target only pediatric audiologists who provide services to children age 5 and younger. Utilizing the EHDI-PALS survey, the information will be collected by EHDI coordinators, AAA, and ASHA via an internet portal available on a secure website (EHDI-PALS.org). After the EHDI-PALS survey has been programmed into the secure website, CDC-EHDI project officer will notify all EHDI coordinators by e-mail. The notification message will contain the following:

- EHDI-PALS website address
- Where the survey tool is located in the website
- Sample e-mail to audiologists to complete the survey for EHDI coordinators' use

Both AAA and ASHA are workgroup members so official notification is not needed. After an audiologist completes the survey, the information will be electronically isolated into a secure database that is accessible by password only. The CDC-EHDI team project officer will continue to collaborate with EHDI-PALS workgroup members to monitor the facility data, and will also encourage the EHDI coordinator to view and validate their state's facility data for any error or

inconsistency in the website. EHDI-PALS workgroup member, University of Maine Centre for Research and Evaluation, will continue to be responsible for the analysis, and maintenance of the data collected. The experience and knowledge of the individual(s) responsible for working with the data will include statistics, data architecture, geocoding, website programming, and maintenance.

### **B.3. Methods to Maximize Response Rates**

The survey will open with a statement of purpose which is to quantify the pediatric audiology resource distribution within each state. The purpose statement is located on page one of the survey.

Procedures to ensure a high response rate include the following activities:

- EHDI coordinators will use the sample reminder e-mail programmed in the EHDI-PALS website to remind audiologists periodically if they have not completed the survey. Frequency of the reminder will be left at the EHDI coordinator's discretion.
- EHDI-PALS workgroup members AAA and ASHA will remind their audiology members to complete the survey through the association e-newsletter periodically. Frequency will be left at their discretion.
- Presentations about EHDI-PALS project and the survey will take place during November 2012 ASHA and April 2013 AAA conferences.

The anticipated response rate is 30 to 40%. This is based on the response rate for a typical research recruitment.

### **B.4. Test of Procedures or Methods to be Undertaken**

EHDI coordinators, AAA and ASHA will administer the EHDI-PALS survey on-line via a secure website, EHDI-PALS.org. To maximize response rates, EHDI coordinators will send reminder e-mails to pediatric audiologists to complete the survey. The reminder e-mails are programmed into EHDI-PALS website under the EHDI coordinator tool box. Frequency of the reminder will be left at the EHDI coordinators' discretion, as they will have up to date information on the response rate and pattern accessible by password in EHDI-PALS website. AAA and ASHA will remind their audiology members to complete the survey through association e-newsletters.

Presentations about the EHDI-PALS project and survey will also take place during November 2012 ASHA and April 2013 AAA conferences. The anticipated response rate is 30 to 40%. While names of respondents will be known, respondents are not asked for personal information about themselves or personally identifiable information about the infants they have seen. Survey respondents will only be asked for information about the facility's capability and capacity to provide audiologic care for children age 5 and younger. Such as:

- Facility address, phone number, and hours of operation.
- Is the facility equipped to perform hearing test, hearing screening, hearing aid fitting and or cochlear implant services.
- Types of insurance accepted and interpreter services available.

Participation in the survey is voluntary and respondents will be advised that only their facility information will be posted in a database accessible by parents and EHDI coordinators in the EHDI-PALS website.

## **B.5. Individuals Consulted on Statistical Aspects and Individuals Collecting and/or Analyzing Data**

The CDC EHDI team has collaborated with the following members of the EHDI-PALS workgroup on this data collection effort.

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The following individual was consulted on the statistical design aspects of the EHDI-PALS facilities:

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## **Reference**

<sup>1</sup>American Speech-Language and Hearing Association. 2010 Audiology Survey- Private Practice. <http://www.asha.org>