

Stronger Futures in the Northern Territory Children's Health Checks: Audiology services DSS, May 2011-March 2012

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Identifying and definitional attributes

| | |
|-----------------------------|--|
| Metadata item type: | Data Set Specification |
| METEOR identifier: | 496205 |
| Registration status: | Indigenous , Superseded 18/02/2015 |
| DSS type: | Data Set Specification (DSS) |
| Scope: | <p>Funding from the Australian Government allowed for follow-up ear and hearing health services delivered through the Child Health Check Initiative (CHCI) and then the Closing the Gap (CtG) in the Northern Territory National Partnership Agreement. These services were made available to children, aged less than 16 years, in prescribed areas of the Northern Territory from August 2007.</p> <p>Follow up services were delivered by the NT Department of Health (NT DoH) and Aboriginal medical services.</p> <p>The CHCI (CtG) Audiology services initially focused on children with audiology referrals from multiple sources including Child Health Checks. If possible and if funding allowed, services were also provided to other children in need of or who sought services.</p> <p>The audiology services provided under CHCI (CtG) were designed to enable three visits to each community in the Stronger Futures in the Northern Territory (SFNT) prescribed areas, allowing repeated audiology assessments to monitor hearing loss and middle ear function of children in these communities.</p> |

Collection and usage attributes

| | |
|-----------------------------------|---|
| Guide for use: | <p>This audiology services dataset is based on version 6 the audiology services form which was implemented between May 2011 to March 2012. The form contains clinical data collected as part of routine healthcare provided by professionals who delivered these services. Earlier versions of the audiology form were in place between August 2007 and April 2011. Although the various versions of the audiology forms have most of the same questions, there are also some key differences, such as:</p> <ul style="list-style-type: none">• version 1a does not include a question on the Hospital Registration Number (HRN)• version 1a and 1b include a question about consent for the provision of data• the format of, and response options for, question 4 have changed substantially between the earlier and later versions of the form. <p>The AIHW only receives confidentialised unit record level information on those children for which consent for data provision to AIHW has been obtained.</p> |
| Implementation start date: | 01/05/2011 |
| Implementation end date: | 31/03/2012 |
| Comments: | <p>Glossary terms that are relevant to this DSS are:</p> <ul style="list-style-type: none">• Audiology assessment• Ear health intervention• Hearing impairment• Hearing loss |

Source and reference attributes

Submitting organisation: Department of Health (DoH)
 Australian Institute of Health and Welfare (AIHW)

Steward: [Australian Institute of Health and Welfare](#)

Origin: Northern Territory Department of Health 2011. Audiology service form, Version 6
[AIHW 2012. Northern Territory Emergency Response Child Health Check Initiative: follow-up services for oral and ear health: final report, 2007-2012. Cat. no. DEN 223. Canberra: AIHW](#)

Relational attributes

Related metadata references: Has been superseded by [Stronger Futures in the Northern Territory: Audiology services DSS, April 2012-April 2013](#)
[Indigenous](#), Superseded 18/02/2015

Metadata items in this Data Set Specification

| Seq No. | Metadata item | Obligation | Max occurs |
|---------|---|------------|------------|
| 1 | Service event—date of service, DDMMYYYY | Mandatory | 1 |
| | <i>DSS specific information:</i> | | |
| | Date of service follows the standard DD/MM/YYYY format except where not enough detail is provided. In these instances the following codes should be used: | | |
| | 'Other' : 01/01/1800 | | |
| | 'Not stated' : 01/01/1900 | | |
| 2 | Audiology assessment client cluster | Mandatory | 1 |
| 1 | Discrete Indigenous community—identifier, AANNA | Mandatory | 1 |
| | <i>DSS specific information:</i> | | |
| | This data element records the identifier of the community, town camp or homeland where the service was provided. | | |
| 2 | Person—person identifier, XXXXXX[X(14)] | Mandatory | 1 |
| | <i>DSS specific information:</i> | | |
| | This data element is used to record the Hospital Registration Number (HRN). | | |
| | HRNs are allocated to people when they are born in Northern Territory public hospitals or when they first attend a Northern Territory public hospital to receive a service. It is a unique number that is not associated with a Medicare number. As at May 2013, the HRNs are either 6 or 7 digits long but there is capacity to increase to more digits as required. | | |
| | A person's HRN does not change. It remains with them for the duration of their life. | | |
| 3 | Person—date of birth, DDMMYYYY | Mandatory | 1 |
| 4 | Person—sex, code N | Mandatory | 1 |

| Seq No. | Metadata item | Obligation | Max occurs |
|---------|---|-------------|------------|
| 3 | Patient—previous audiology assessment indicator, yes/no code N <i>DSS specific information:</i> The survey specific question is: "Has the child had a previous audiology check since 11/07/2007?" In this data element 'unknown' is equivalent to 'unsure' on the collection form. | Mandatory | 1 |
| 4 | Previous audiology assessment information cluster <i>Conditional obligation:</i> Valid for 'yes' response to the question "Has the child had a previous Audiology check since 11/07/2007?" | Conditional | 1 |
| 1 | Patient—previous audiology assessment date, DDMMYYYY <i>DSS specific information:</i> Date of previous audiology assessment is after 11/7/2007. | Mandatory | 1 |
| 2 | Patient—previous ear health intervention indicator, yes/no code N | Mandatory | 1 |
| 3 | Patient—previous ear health intervention type, code N[N] <i>Conditional obligation:</i> Valid for a 'yes' response to the previous ear health intervention data element which is based on the question "Has any ear health intervention occurred since previous audiology check?" <i>DSS specific information:</i> In this data element 'unknown' is equivalent to 'unsure' on the collection form. | Conditional | 4 |
| 4 | Patient—previous ear health intervention type, text X[X(99)] <i>Conditional obligation:</i> Valid where an 'other' response is selected in <i>Patient—previous ear health intervention type, code N[N]</i> which is based on the question "Has any ear health intervention occurred since previous audiology check?". <i>DSS specific information:</i> The 'other' response is a description of the type of intervention received excluding: <ul style="list-style-type: none"> • enhanced primary care • ear, nose and throat (ENT) consultation • surgery. | Conditional | 1 |

| Seq No. | Metadata item | Obligation | Max occurs |
|---------|--|-------------|------------|
| 5 | Patient—hearing level significant change indicator, yes/no code N Conditional obligation: Valid on a 'yes' response to the previous audiology assessment indicator data element which is based on the question "Has the child had a previous audiology check since 11/07/2007?" DSS specific information: Prior occasion of service refers to a previous audiology assessment. Whether there has been any <i>significant</i> change since the previous audiology assessment is recorded. | Conditional | 1 |
| 6 | Patient—hearing level significant change, code N Conditional obligation: Valid on a 'yes' response to the hearing level change indicator data element which is based on any significant change in hearing levels since the last assessment. DSS specific information: In this data element 'unknown' is equivalent to 'unsure' on the collection form. | Conditional | 1 |
| 5 | Patient—hearing loss indicator, yes/no code N DSS specific information: It is possible for 'no hearing loss' to be recorded in two places on the form (level of hearing loss and type of hearing loss). To streamline this process only one occurrence appears in the DSS. | Mandatory | 1 |
| 6 | Patient—site of hearing loss, code N Conditional obligation: Valid where a 'yes' response to the hearing loss indicator data element is selected. | Conditional | 1 |
| 7 | Patient—type of hearing loss, code N Conditional obligation: Valid where a 'yes' response to the type of hearing loss indicator data element is selected. | Conditional | 1 |
| 8 | Patient—hearing impairment indicator, yes/no code N | Mandatory | 1 |

| Seq No. | Metadata item | Obligation | Max occurs |
|---------|--|-------------|------------|
| 9 | Patient—degree of hearing impairment, code N | Conditional | 1 |
| | Conditional obligation: | | |
| | Valid where a 'yes' response to the degree of hearing impairment indicator data element is selected. | | |
| | DSS specific information: | | |
| | The pure tone thresholds used to identify hearing impairment in the Audiology Services DSS are based on recommendations from Australian Hearing. They differ from the World Health Organization (WHO) standards as data relates only to children. | | |
| | Coding note: If a hearing impairment measurement is provided for both left and right ear, and it is indicated which measurement relates to which ear, the hearing impairment of least severity is recorded as the response to this question (ie. the response is based on the better ear). | | |
| 10 | Patient—middle ear condition indicator, yes/no code N | Mandatory | 1 |
| 11 | Patient—middle ear condition type, code N.N | Conditional | 2 |
| | Conditional obligation: | | |
| | Valid where a 'yes' response to the middle ear condition indicator data element is selected. | | |
| | DSS specific information: | | |
| | The middle ear condition is recorded twice; once for the right ear and once for the left ear. | | |
| 12 | Patient—middle ear condition type, text X[X(99)] | Conditional | 2 |
| | Conditional obligation: | | |
| | Conditional on 'other' being selected in the <i>Patient—middle ear condition type, code N.N</i> . | | |
| | DSS specific information: | | |
| | This data element has a maximum occurrence of 2. Record separately for right ear and left ear, as appropriate. | | |
| 13 | Patient—audiology assessment recommended course of action, code N[N] | Mandatory | 7 |
| 14 | Patient—audiology assessment recommended course of action, text X[X(99)] | Conditional | 1 |
| | Conditional obligation: | | |
| | Conditional on 'other' being selected in Patient—audiology assessment recommended course of action, code N[N] data element. | | |