

# Hand hygiene NBEDS 2023—

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## Identifying and definitional attributes

<b>Metadata item type:</b>	Data Set Specification
<b>METEOR identifier:</b>	789327
<b>Registration status:</b>	<a href="#">Health, Qualified 29/02/2024</a>
<b>DSS type:</b>	Data Set Specification (DSS)
<b>Scope:</b>	<p>The Hand hygiene national best endeavours data set (HH NBEDS) aims to support national monitoring of hand hygiene moments in public hospitals.</p> <p>Hand hygiene assists in preventing the spread of infections acquired as a direct or indirect result of health care.</p> <p>The scope for this NBEDS is all public hospitals, including those defined as public psychiatric hospitals in the Local Hospital Networks/Public hospital establishments national minimum data set. All types of public hospitals are included, focusing on acute care and non-acute or subacute care, including psychiatric, rehabilitation and palliative care.</p>

## Collection and usage attributes

<b>Statistical unit:</b>	<a href="#">Establishment</a>
<b>Guide for use:</b>	<p>The data elements in the HH NBEDS are used to report the results of hand hygiene compliance audits conducted in healthcare establishments as part of the National Hand Hygiene Initiative (NHHI).</p> <p>The Australian Commission on Safety and Quality in Health Care (ACSQHC) established the NHHI in 2008 as part of a suite of initiatives to prevent and reduce healthcare-associated infections in Australian healthcare settings. The <a href="#">National Safety and Quality Health Service (NSQHS) Standards</a> (ACSQHC 2023c) require health service organisations to have a hand hygiene program consistent with the NHHI and jurisdictional requirements. The NHHI uses a multimodal approach to improving hand hygiene, which includes:</p> <ul style="list-style-type: none"><li>• Promoting the use of alcohol-based hand rub at the point of care</li><li>• Ensuring standardised hand hygiene and infection prevention and control education</li><li>• Monitoring hand hygiene compliance and performance feedback as part of a quality improvement approach</li><li>• Identifying targeted opportunities for improving hand hygiene compliance.</li></ul> <p>Implementation of the NHHI is led by states, territories and health service organisations (public and private).</p> <p>Compliance audits are undertaken to assess the number of <a href="#">compliant hand hygiene moments</a> observed in relation to the total number of <a href="#">hand hygiene moments</a></p> <p>The 5 moments for hand hygiene to be audited are:</p> <ul style="list-style-type: none"><li>• Moment 1: Before touching a patient</li><li>• Moment 2: Before a procedure</li><li>• Moment 3: After a procedure or body fluid exposure risk</li><li>• Moment 4: After touching a patient</li><li>• Moment 5: After touching a patient's surroundings</li></ul>

<b>Collection methods:</b>	<p>Audit data are provided by health service organisations to the ACSQHC. There are three national audit periods, with two being mandatory and one being voluntary:</p> <ul style="list-style-type: none"> <li>• Audit period 1: 1 November to 31 March</li> <li>• Audit period 2: 1 April to 30 June</li> <li>• Audit period 3: 1 July to 31 October each year.</li> </ul> <p>National Audit period 2 became voluntary from 1 April 2023 to provide health service organisations with additional time for quality improvement activities. For further information, please refer to <a href="#">Advisory AS23/01</a> (ACSQHC 2023b.)</p> <p>After its analysis and reporting of the national dataset, the ACSQHC provides the data to the AIHW. Transfer of data from the ACSQHC to the AIHW normally occurs two months after the close of the audit period.</p>
<b>Implementation start date:</b>	01/04/2023
<b>Comments:</b>	<p>Glossary items relevant to this NBEDS include:</p> <ul style="list-style-type: none"> <li>• <a href="#">Compliant hand hygiene moment</a></li> <li>• <a href="#">Geographic indicator</a></li> <li>• <a href="#">Hand hygiene moment</a></li> </ul>

## Source and reference attributes

<b>Submitting organisation:</b>	Australian Institute of Health and Welfare
<b>Origin:</b>	ACSQHC (Australian Commission on Safety and Quality in Health Care) 2023a. <a href="#">National Hand Hygiene Initiative Implementation Guide</a> . ACSQHC: Sydney, viewed 27 February 2024.
<b>Reference documents:</b>	<p>ACSQHC 2021. <a href="#">National Safety and Quality Health Service Standards. 2nd ed. – version 2</a>. ACSQHC: Sydney, viewed 15 February 2022.</p> <p>ACSQHC 2023b. <a href="#">Data definitions for auditing</a>, ACSQHC: Sydney, viewed 15 February 2022.</p> <p>ACSQHC 2023c. <a href="#">The NSQHS Standards</a>. ACSQHC: Sydney, viewed 27 February 2024.</p> <p>ACSQHC 2023d. <a href="#">Advisory AS23/01: Advice on national hand hygiene audit period 2</a>. ACSQHC: Canberra, viewed 27 February 2024.</p> <p>AIHW (Australian Institute of Health and Welfare) 2015. <a href="#">Australian hospital peer groups</a>. Health services series no. 66. Cat. no. HSE 170. AIHW: Canberra, viewed 27 February 2024.</p>

## Relational attributes

<b>Related metadata references:</b>	<p>Supersedes <a href="#">Hand hygiene NBEDS 2012–Health</a>, Standard 06/09/2023</p> <p>See also <a href="#">Local Hospital Networks/Public hospital establishments NMDS 2022–23 Health</a>, Superseded 09/12/2022</p> <p>See also <a href="#">Local Hospital Networks/Public hospital establishments NMDS 2023–24 Health</a>, Superseded 06/12/2023</p> <p>See also <a href="#">Local Hospital Networks/Public hospital establishments NMDS 2024–25 Health</a>, Standard 06/12/2023</p>
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## Metadata items in this Data Set Specification

Seq No.	Metadata item	Obligation	Max occurs
-	<a href="#">Hand hygiene moments type observed cluster</a>	Mandatory	1
1	<a href="#">Hand hygiene moment—hand hygiene moment type, code N</a>	Mandatory	5
2	<a href="#">Establishment—number of compliant hand hygiene moments observed, total NN[NNNN]</a>	Mandatory	5
3	<a href="#">Establishment—number of hand hygiene moments observed, total NN[NNNN]</a>	Mandatory	5
-	<a href="#">Healthcare worker hand hygiene moments cluster</a>	Mandatory	1
1	<a href="#">Establishment—staffing categories, healthcare worker code N[N]</a>	Mandatory	21
2	<a href="#">Establishment—number of compliant hand hygiene moments observed, total NN[NNNN]</a>	Mandatory	21
3	<a href="#">Establishment—number of hand hygiene moments observed, total NN[NNNN]</a>	Mandatory	21
-	<a href="#">Establishment—Australian state/territory identifier, code N</a>	Mandatory	1
-	<a href="#">Establishment—peer group, health code A[X]</a>	Conditional	1
<b>Conditional obligation:</b>			
Conditional on the pre-2015 list of peer groups being reported.			
-	<a href="#">Establishment—peer group, health code NN</a>	Conditional	1
<b>Conditional obligation:</b>			
Conditional on the post-2015 list of peer groups being reported.			
-	<a href="#">Establishment—sector, code N</a>	Mandatory	1
-	<a href="#">Hospital—peer group, code AA_AA{AA}</a>	Conditional	1
<b>Conditional obligation:</b>			
Conditional on the establishment being a hospital.			
-	<a href="#">Organisation—organisation name, text X[X(199)]</a>	Mandatory	1
-	<a href="#">Organisation—organisation type, healthcare code N</a>	Mandatory	1
-	<a href="#">Record—reference period, hand hygiene audit code N</a>	Mandatory	1