Hand hygiene NBEDS 2012–2023

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# Hand hygiene NBEDS 2012–2023

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| Identifying and definitional attributes |
| Metadata item type: | Data Set Specification |
| METEOR identifier: | 768683 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 29/05/2024 |
| DSS type: | Data Set Specification (DSS) |
| Scope: | The Hand hygiene national best endeavours data set (HH NBEDS) aims to support national monitoring of hand hygiene moments in public hospitals.Hand hygiene assists in preventing the spread of infections acquired as a direct or indirect result of health care.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. |

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| Collection and usage attributes |
| Statistical unit: | [Establishment](https://meteor.aihw.gov.au/content/268953) |
| Guide for use: | 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.) 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 [National Safety and Quality Health Services (NSQHS) Standards](https://www.safetyandquality.gov.au/node/3001) (ACSQHC 2022) 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:* The use of alcohol-based hand rub at the point-of-care
* Ensuring uniform hand hygiene and infection prevention and control education
* Monitoring hand hygiene compliance and performance feedback
* Using hand hygiene programs that ensure culture change.

Implementation of the NHHI is led by states, territories and health service organisations (public and private).Compliance audits are undertaken to assess the number of [**compliant hand hygiene moments**](https://meteor.aihw.gov.au/content/769998) observed in relation to the total number of [**hand hygiene moments**](https://meteor.aihw.gov.au/content/769613)The 5 moments for hand hygiene to be audited are:* Moment 1: Before touching a patient
* Moment 2: Before a procedure
* Moment 3: After a procedure or body fluid exposure risk
* Moment 4: After touching a patient
* Moment 5: After touching a patient’s surroundings
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| Collection methods: | Audit data are provided three times a year by health service organisations to the ACSQHC. 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. The audit periods are from:* 1 November to 30 March
* 1 April to 30 June, and
* 1 July to 31 October each year.
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| Implementation start date: | 01/11/2012 |
| Implementation end date: | 31/03/2023 |
| Comments: | Glossary items relevant to this NBEDS include:* [**Compliant hand hygiene moment**](https://meteor.aihw.gov.au/content/769998)
* [**Geographic indicator**](https://meteor.aihw.gov.au/content/722655)
* [**Hand hygiene moment**](https://meteor.aihw.gov.au/content/769613)
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| Source and reference attributes |
| Submitting organisation: | Australian Institute of Health and Welfare |
| Origin: | ACSQHC (Australian Commission on Safety and Quality in Health Care) 2019. [National hand hygiene initiative manual](https://www.safetyandquality.gov.au/sites/default/files/2021-07/nhhi_user_manual_-_october_2019_-_revised_jun_2021.pdf). ACSQHC: Sydney, viewed 8 December 2022,<https://www.safetyandquality.gov.au/sites/default/files/2021-07/nhhi_user_manual_-_october_2019_-_revised_jun_2021.pdf> |
| Reference documents: | ACSQHC 2022. [The NSQHS Standards](https://www.safetyandquality.gov.au/standards/nsqhs-standards). ACSQHC: Canberra, viewed 15 February 2022, <https://www.safetyandquality.gov.au/standards/nsqhs-standards>ACSQHC 2015. [Data definitions for auditing.](https://www.safetyandquality.gov.au/our-work/infection-prevention-and-control/national-hand-hygiene-initiative-nhhi/national-audits/data-definitions-auditing#-strong-nbsp-public-peer-group-categories-pre-2015-strong>) ACSQHC: Canberra, viewed 15 February 2022, <https://www.safetyandquality.gov.au/our-work/infection-prevention-and-control/national-hand-hygiene-initiative-nhhi/national-audits/data-definitions-auditing>AIHW (Australian Institute of Health and Welfare) 2015. [Australian hospital peer groups](https://www.aihw.gov.au/reports/hospitals/australian-hospital-peer-groups/summary). Health services series no. 66. Cat. no. HSE 170. AIHW: Canberra, viewed 15 February 2022, <https://www.aihw.gov.au/reports/hospitals/australian-hospital-peer-groups/summary> |
| Relational attributes |
| Related metadata references: | Has been superseded by [Hand hygiene NBEDS 2023–](https://meteor.aihw.gov.au/content/789327)[Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 29/05/2024See also [Local Hospital Networks/Public hospital establishments NMDS 2017–18](https://meteor.aihw.gov.au/content/642698) [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 25/01/2018See also [Local Hospital Networks/Public hospital establishments NMDS 2018–19](https://meteor.aihw.gov.au/content/679203) [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 17/10/2018See also [Local Hospital Networks/Public hospital establishments NMDS 2019–20](https://meteor.aihw.gov.au/content/706340) [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 18/12/2019See also [Local Hospital Networks/Public hospital establishments NMDS 2020–21](https://meteor.aihw.gov.au/content/713848)[Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 05/02/2021See also [Local Hospital Networks/Public hospital establishments NMDS 2021–22](https://meteor.aihw.gov.au/content/727356)[Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 17/12/2021See also [Local Hospital Networks/Public hospital establishments NMDS 2022–23](https://meteor.aihw.gov.au/content/742044)[Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 09/12/2022See also [Local Hospital Networks/Public hospital establishments NMDS 2023–24](https://meteor.aihw.gov.au/content/756101)[Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 06/12/2023See also [Local Hospital Networks/Public hospital establishments NMDS 2024–25](https://meteor.aihw.gov.au/content/775625)[Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 06/12/2023See also [Public hospital establishments NMDS 2012-13](https://meteor.aihw.gov.au/content/470656)[Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 07/02/2013See also [Public hospital establishments NMDS 2013-14](https://meteor.aihw.gov.au/content/504279)[Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 11/04/2014See also [Public hospital establishments NMDS 2014-15](https://meteor.aihw.gov.au/content/540101)[Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 04/02/2015See also [Public hospital establishments NMDS 2015-16](https://meteor.aihw.gov.au/content/600230)[Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 04/08/2016See also [Public hospital establishments NMDS 2016–17](https://meteor.aihw.gov.au/content/615835)[Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 03/11/2016 |

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| Metadata items in this Data Set Specification  |
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| Seq No. | Metadata item | Obligation | Max occurs |
| - | [Hand hygiene moments type observed cluster](https://meteor.aihw.gov.au/content/768689) | Mandatory | 1 |
|       1 | [Hand hygiene moment—hand hygiene moment type, code N](https://meteor.aihw.gov.au/content/768667) | Mandatory | 5 |
|       2 | [Establishment—number of compliant hand hygiene moments observed, total NN[NNNN]](https://meteor.aihw.gov.au/content/768681) | Mandatory | 5 |
|       3 | [Establishment—number of hand hygiene moments observed, total NN[NNNN]](https://meteor.aihw.gov.au/content/768679) | Mandatory | 5 |
| - | [Healthcare worker hand hygiene moments cluster](https://meteor.aihw.gov.au/content/768687) | Mandatory | 1 |
|       1 | [Establishment—staffing categories, healthcare worker code N[N]](https://meteor.aihw.gov.au/content/768657) | Mandatory | 21 |
|       2 | [Establishment—number of compliant hand hygiene moments observed, total NN[NNNN]](https://meteor.aihw.gov.au/content/768681) | Mandatory | 21 |
|       3 | [Establishment—number of hand hygiene moments observed, total NN[NNNN]](https://meteor.aihw.gov.au/content/768679) | Mandatory | 21 |
| - | [Establishment—Australian state/territory identifier, code N](https://meteor.aihw.gov.au/content/720081) | Mandatory | 1 |
| - | [Establishment—peer group, health code A[X]](https://meteor.aihw.gov.au/content/769360)***Conditional obligation:***Conditional on the pre-2015 list of peer groups being reported. | Conditional | 1 |
| - | [Establishment—peer group, health code NN](https://meteor.aihw.gov.au/content/770057)***Conditional obligation:***Conditional on the post-2015 list of peer groups being reported. | Conditional | 1 |
| - | [Establishment—sector, code N](https://meteor.aihw.gov.au/content/269977) | Mandatory | 1 |
| - | [Hospital—peer group, code AA\_AA{\_AA}](https://meteor.aihw.gov.au/content/769319)***Conditional obligation:***Conditional on the establishment being a hospital. | Conditional | 1 |
| - | [Organisation—organisation name, text X[X(199)]](https://meteor.aihw.gov.au/content/453823) | Mandatory | 1 |
| - | [Organisation—organisation type, healthcare code N](https://meteor.aihw.gov.au/content/769306) | Mandatory | 1 |
| - | [Record—reference period, hand hygiene audit code N](https://meteor.aihw.gov.au/content/768699) | Mandatory | 1 |

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