

# **National Standard Medication Chart (NSMC) Audit System: Reporting user guide for coordinators**

**Hospital version 1.1**

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# Introduction

The Australian Commission on Safety and Quality in Health Care (the Commission) developed the [National Standard Medication Chart \(NSMC\) Audit System](#), as a secure web-based audit data collection tool

Further information and resources for the NSMC audit can be found on the [National Standard Medication Chart auditing](#) web page.

The minimum supported browsers are:

- Chrome 57–59 (2017)
- Microsoft Edge 12 (Windows 10)
- Internet Explorer 11 (Windows 7+)
- Mac Safari 9 (2015).

Other browsers that should work, but have not been tested, are:

- Opera 43+ (2017)
- Firefox 45–50 (2016)
- iOS 9 Safari.

## Access to NSMC audit system reporting

There are three types of reports generated through the NSMC audit system:

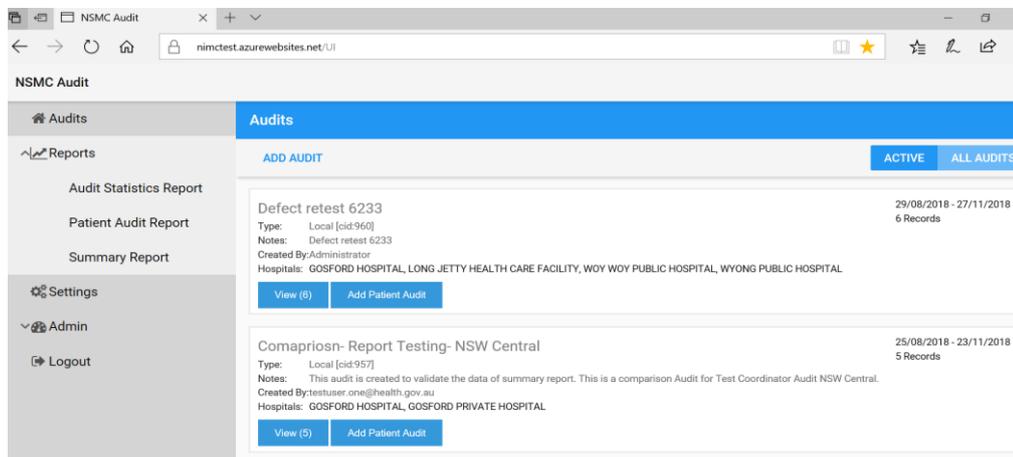
- Audit Statistics Report
- Patient Audit Report
- Summary Report

The reporting feature is only available to audit coordinators and can only viewed for their associated hospital(s).

### Where to access the reports

1. Login to the [NSMC audit system](#) with the registered email id and password
2. Click the 'Reports' tab in the NSMC Audit menu
3. Click on the report you would like to run.

The next three sections provide further detail on each reports.



The screenshot shows the NSMC Audit system interface. The browser address bar displays 'nimctest.azurewebsites.net/UI'. The main content area is titled 'NSMC Audit' and features a sidebar with navigation options: Audits, Reports, Settings, Admin, and Logout. The 'Audits' section is active, showing a list of audit records. Each record includes the audit title, type, notes, creation date, and the number of records. Two records are visible: 'Defect retest 6233' and 'Comapriorn- Report Testing- NSW Central'. Each record has 'View' and 'Add Patient Audit' buttons.

Audit Title	Type	Notes	Created By	Hospitals	Created Date	Records
Defect retest 6233	Local [cid:960]	Defect retest 6233	Administrator	GOSFORD HOSPITAL, LONG JETTY HEALTH CARE FACILITY, WOY WOY PUBLIC HOSPITAL, WYONG PUBLIC HOSPITAL	29/08/2018 - 27/11/2018	6 Records
Comapriorn- Report Testing- NSW Central	Local [cid:957]	This audit is created to validate the data of summary report. This is a comparison Audit for Test Coordinator Audit NSW Central.	testuser.one@health.gov.au	GOSFORD HOSPITAL, GOSFORD PRIVATE HOSPITAL	25/08/2018 - 23/11/2018	5 Records

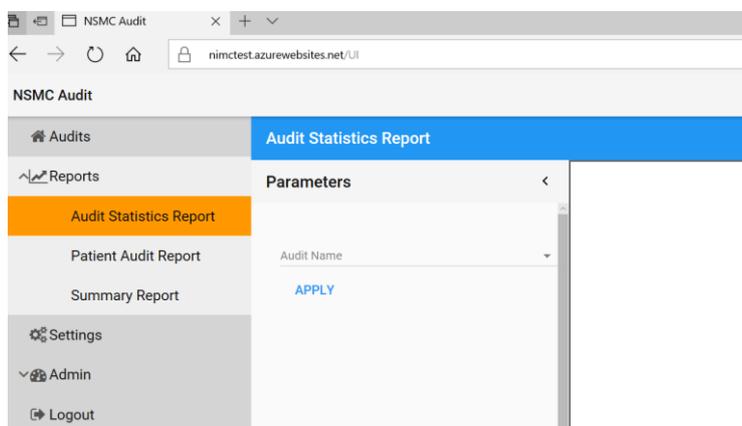
# Audit Statistics Report

Provides information for the selected audit, including total number of:

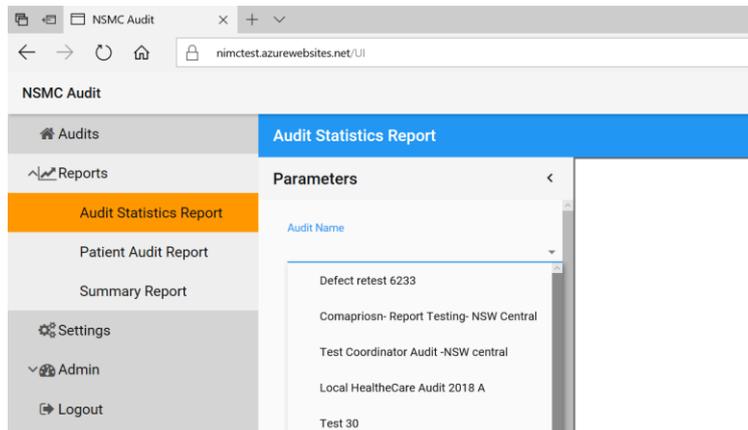
- participating hospitals
- public and private patient audits
- public and private patient audits by state
- patient audits by chart type and by patient type (adult and paediatric)
- patient audits by hospital peer-group
- hospitals within peer-group

## Generating the report:

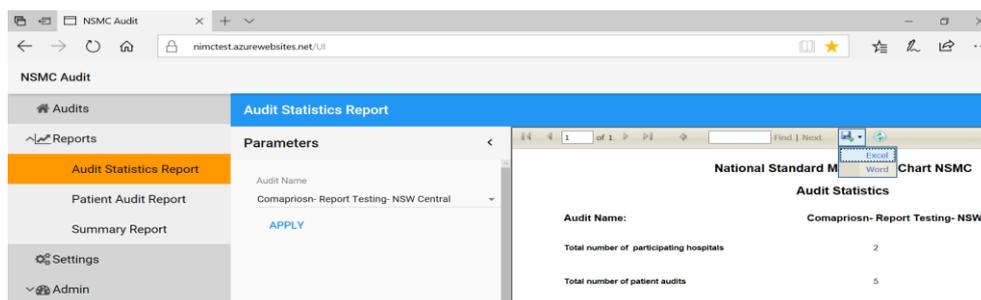
1. Click on 'Audit Statistics Report'



2. Select the audit name from the drop-down list and click 'APPLY'



3. Click the save icon to download the report in Excel or Word format.

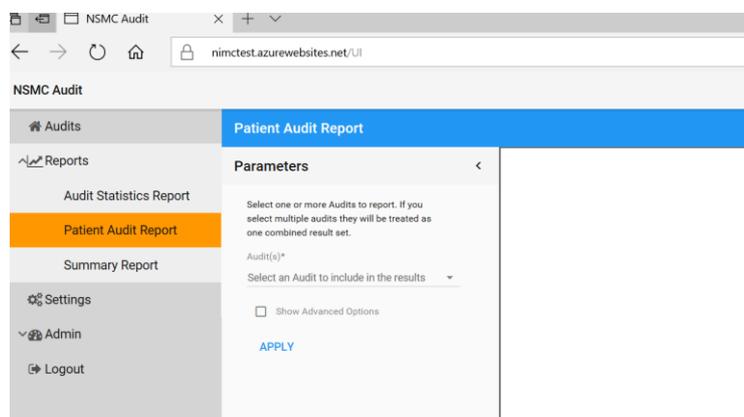


# Patient Audit Report

Provides the raw data collected from the selected audit

## Generating the report

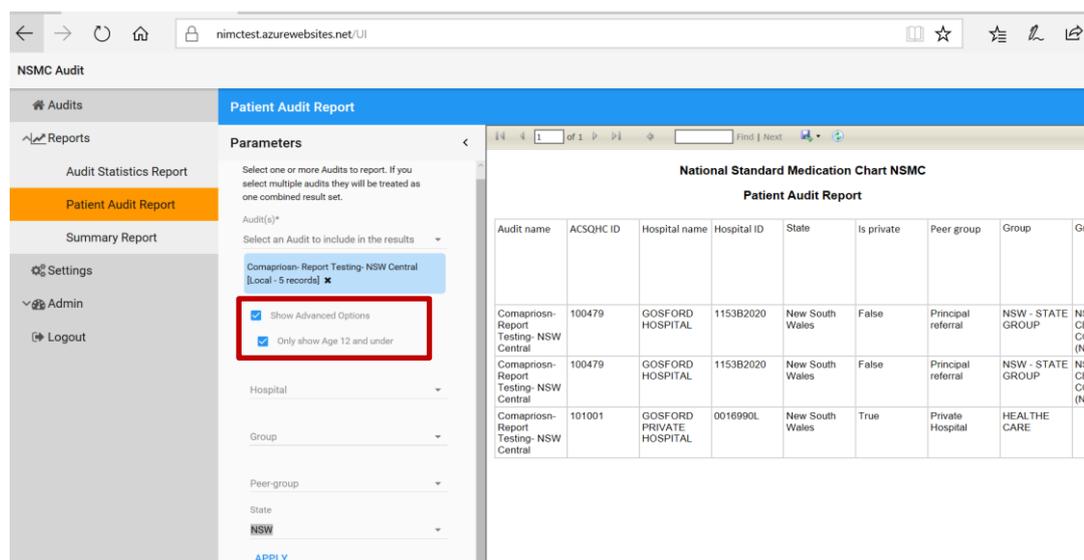
1. Click on Patient Audit Report



2. Select the audit(s) from the drop-down list and click 'APPLY'.

Additional filters can be applied by selecting 'Show Advanced Options':

- Hospital name
- Group
- Peer-group
- State
- Hospital type
- Chart type
- Specific patient cohort 'Only show Age 12 and under'



3. Click the save icon to download the report to Excel or Word format

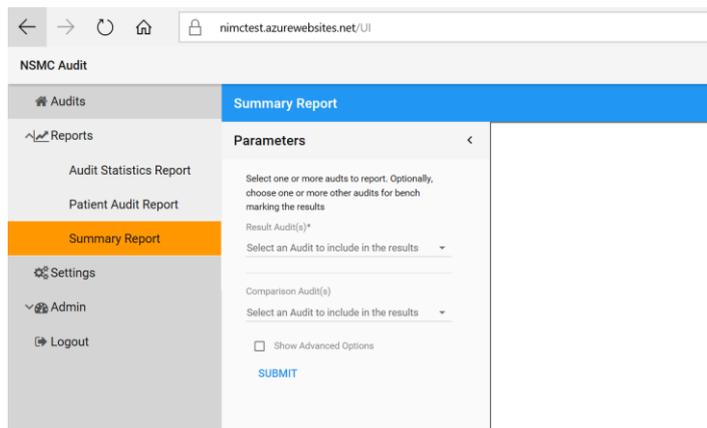
# Summary Report

Provides a summary of results for the selected audit. Multiple audits can be selected to generate aggregated results.

A Summary report can also be created with a comparison of two audits, including the national audit. For example, hospitals may compare their hospital audit or local audit results with the national audit results.

## Generating the report

1. Click on Summary Report



2. Select the audit(s) you would like to include in your report under the heading 'Result Audit(s)\*' and click 'SUBMIT'

If you select multiple audits they will be aggregated

Indicator Name	Your results	Your result (%)	Comparison result (%)
Medication history documented on chart or documented elsewhere and cross-referenced on chart	3/5	60	0
Indication documented on all medicine orders	167/168	99	0
Weight documented on all NIMC paediatric for patients aged 12 years and under	2/2	100	0
Prescriber details section legible and complete on PBS HMC	0/0	0	0
ADR details documented completely and correctly on all charts	3/5	60	0
Doses of medicines documented as administered (i.e. not missed) or reason for not administering specified	234/246	95	0
Patient identification (ID) completed correctly on all pages	4/5	80	0

3. Click on the save icon to download the report in Excel or Word.

## Generating the comparison Audit(s) report

1. Select the audit(s) for the comparison under the heading 'Comparison Audit(s)' and click 'SUBMIT'

The screenshot shows the 'Summary Report' page in the NSMC Audit system. The 'Parameters' section is active, and under 'Comparison Audit(s)', the 'Test Coordinator Audit-NSW central [Local-6 records]' is selected. The 'SUBMIT' button is visible at the bottom of the parameters section.

The main content area displays the 'NATIONAL STANDARD MEDICATION CHART (NSMC) AUDIT RESULTS' for the 'Comapriosn- Report Testing- NSW Central' on 25/08/2018. It includes a table of key indicators with the following data:

Indicator Name	Your results	Your result (%)	Comparison result (%)
Medication history documented on chart or documented elsewhere and cross-referenced on chart	2/3	67	17
Indication documented on all medicine orders	124/125	99	100
Weight documented on all NIMC paediatric for patients aged 12 years and under	2/2	100	80
Prescriber details section legible and complete on PBS HMC	0/0	0	0
ADR details documented completely and correctly on all charts	2/3	67	17
Doses of medicines documented as administered (i.e. not missed) or reason for not administering specified	105/116	91	100
Patient identification (ID) completed correctly on all pages	3/3	100	83
All medicine orders complete and correct	98/144	68	95
VTE risk assessment completed and where indicated prophylaxis prescribed	1/1	100	0

2. Additional filters can be applied by selecting 'Show Advanced Options'

The screenshot shows the 'Summary Report' page with advanced filters applied. The 'Parameters' section includes filters for 'Hospital' (GOSFORD PRIVATE HOSPITAL), 'Group', 'Peer-group', and 'State'. The 'Comparison Audit(s)' section is also visible. The 'Show Advanced Options' checkbox is checked. The main content area displays the 'NATIONAL STANDARD MEDICATION CHART (NSMC) AUDIT RESULTS' for the 'Comapriosn- Report Testing- NSW Central' on 25/08/2018. It includes a table of key indicators with the following data:

Indicator Name	Your results	Your result (%)	Comparison result (%)
Medication history documented on chart or documented elsewhere and cross-referenced on chart	1/2	50	0
Indication documented on all medicine orders	43/43	100	0
Weight documented on all NIMC paediatric for patients aged 12 years and under	0/0	0	0
Prescriber details section legible and complete on PBS HMC	0/0	0	0
ADR details documented completely and correctly on all charts	1/2	50	0
Doses of medicines documented as administered (i.e. not missed) or reason for not administering specified	129/130	99	0
Patient identification (ID) completed correctly on all pages	1/2	50	100
All medicine orders complete and correct	63/63	100	0
VTE risk assessment completed and where indicated prophylaxis prescribed	1/2	50	0

Below the table, there is a 'Figure 1' titled 'Achievement of key indicators' which shows a bar chart for the 'Medication history documented on chart or documented elsewhere and cross-referenced on chart' indicator, with a value of 50%.

3. Click on the save icon to download the report in Excel or Word.