

# DATA VALIDATION RESULTS FOR NKPI AND OSR REPORTS

## Data reported from Clinical Information Systems (June 2021)

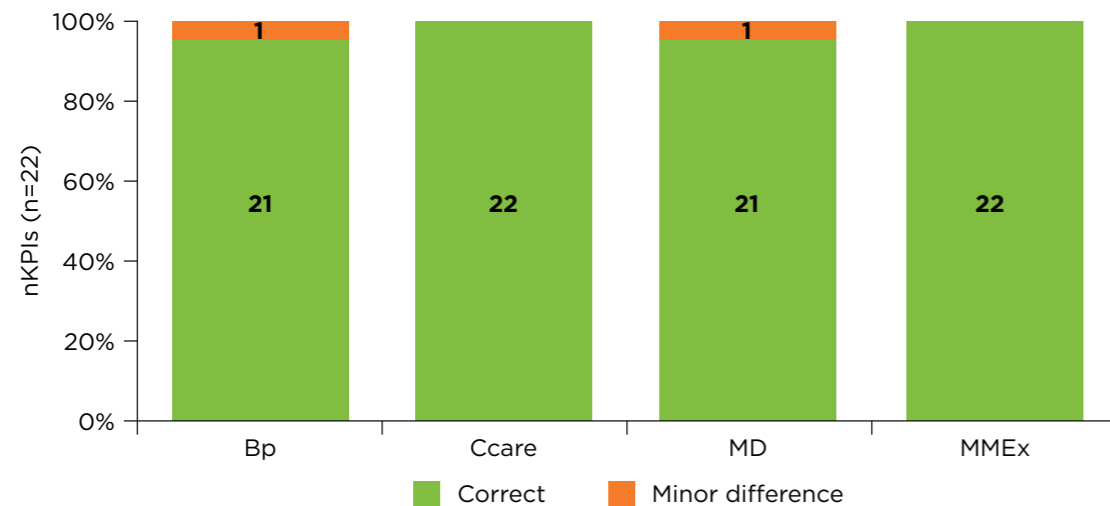
Data validation of the National Key Performance Indicators (nKPIs) Report and the Online Services Report (OSR) was undertaken by NPS MedicineWise. Four clinical information systems were validated – Best Practice (Bp), Communicare (Ccare), Medical Director (MD) and MMEx.

Data validation was undertaken separately for the two reports – nKPI and OSR. Each component measure in the report was checked against the expected value/s for that measure. Each system was scored according to the number of measures correctly reported. Where the reported measure did not match the expected value, a reason for the discrepancy was ascertained and is reflected in the score.

**All clinical information systems passed both the nKPI report and OSR validation with only minor qualifications. In the opinion of NPS MedicineWise, the data reported from these systems are correct and comparable.**

### National Key Performance Indicators

The nKPI summary is based on the 22 indicators reported directly from the clinical information system.



**PI01, PI02, PI09, PI10, PI11, PI13 and PI24 were updated with new requirements in this validation period. All systems returned correct values for the updated indicators.**

- Correct** – report returns correct values according to specification
- Minor difference** – minor differences in reported values are observed, assessed as being of minimal significance
- Bp* Alcohol status is not captured through AUDIT-C assessment alone
  - MD* Alcohol status is only captured through AUDIT-C assessment

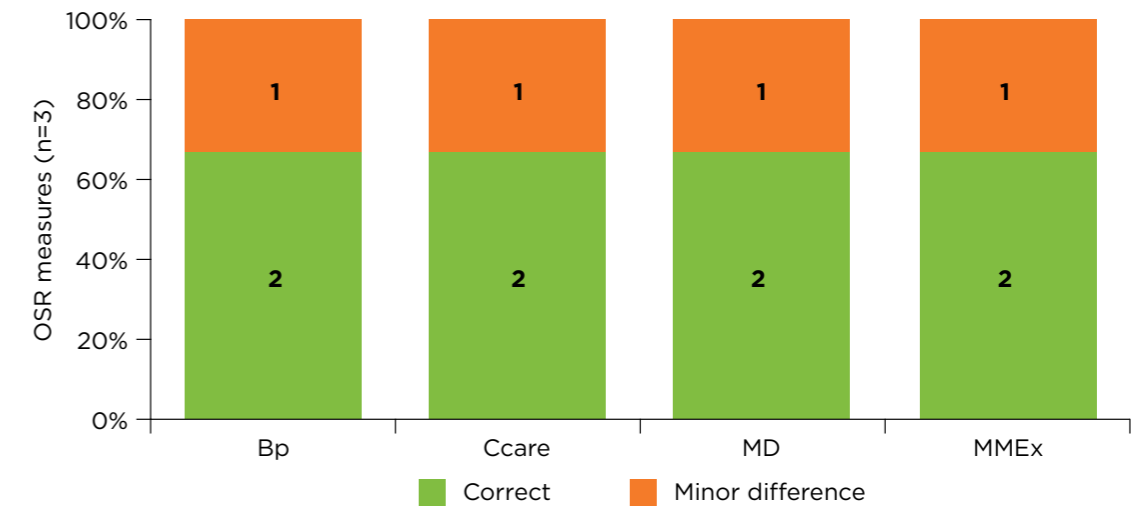
#### nKPIs

<b>PI01:</b> Birth weight recorded	<b>PI09:</b> Smoking status recorded	<b>PI17:</b> AUDIT-C result
<b>PI02:</b> Birth weights	<b>PI10:</b> Smoking status	<b>PI18:</b> Kidney function testing
<b>PI03:</b> MBS Health Assessment received	<b>PI11:</b> Smoking status of women who gave birth	<b>PI19:</b> eGFR / ACR result
<b>PI04*:</b> Indigenous children fully Immunised	<b>PI12:</b> Overweight or obese clients	<b>PI20:</b> CVD risk assessment factors
<b>PI05:</b> HbA <sub>1c</sub> recorded	<b>PI13:</b> Antenatal visits	<b>PI21:</b> CVD risk assessment result
<b>PI06:</b> HbA <sub>1c</sub> result	<b>PI14:</b> Older clients immunised for influenza	<b>PI22:</b> Female clients with cervical screening
<b>PI07:</b> GP Management Plan claimed	<b>PI15:</b> Clients with chronic illness immunised for influenza	<b>PI23:</b> Blood pressure
<b>PI08*:</b> Team Care Arrangement claimed	<b>PI16:</b> Alcohol consumption recorded	<b>PI24:</b> Blood pressure result

\*As per the Specifications for the National Key Performance Indicators the following indicators were not validated in this period:  
PI04 – currently suspended  
PI08 – retired.

### Online Services Report

The OSR summary is based on three measures reported directly from the clinical information system.



**CS3a was updated with new requirements. All systems returned correct values for Episodes of Care and Client numbers.**

- Correct** – report returns correct values according to specification
- Minor difference** – minor differences in reported values are observed, assessed as being of minimal significance
- Bp* Client contacts – Transport health professionals are not recognised (2 Worker Types)
  - Ccare* Client contacts – Transport health professionals who do not work for the service are not recognised (1 Worker Type)
  - MD* Client contacts – SEWB staff are not recognised (2 Worker Types)
  - MMEx* Client contacts – Other or not specified staff are not recognised (4 Worker Types)

#### OSR measures

**CS1a:** Episodes of care      **CS2:** Client contacts      **CS3a:** Individual clients seen

#### Software versions tested:

- Best Practice:** Bp Premier: Jade Edition, build 1.10.0.880, Bp Premier Reporting Tool build 9840
- Communicare:** Version 19.2.23.117, Government Reporting Tool version 1.5.2 (1.2.1.0)
- Medical Director:** Medical Director Clinical 4.0, Medical Director Insights 1.8.10.0
- MMEx:** Version 21.4.2.1