

DATA VALIDATION RESULTS FOR NKPI AND OSR REPORTS

Data reported from Clinical Information Systems (December 2020)

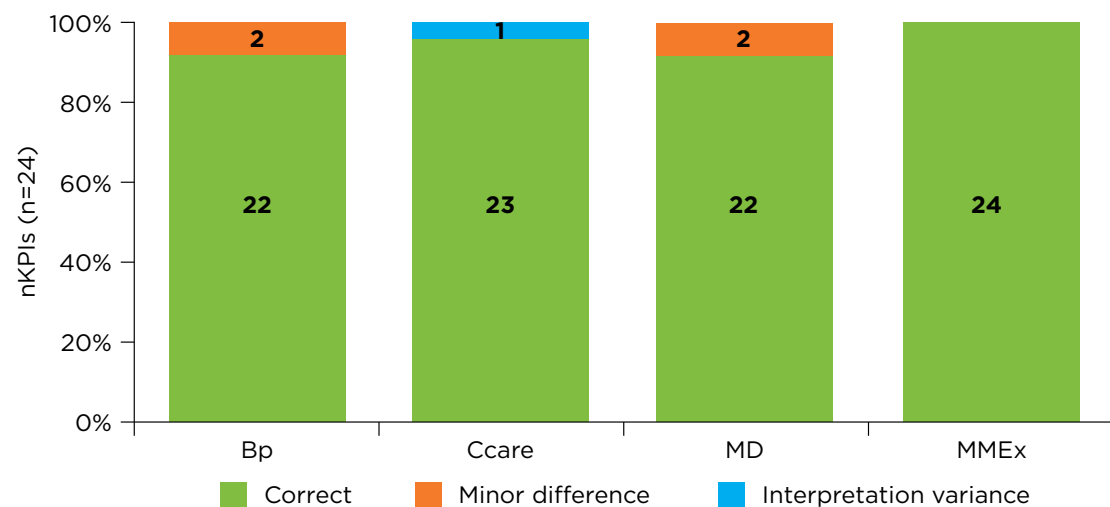
Data validation of the National Key Performance Indicators (nKPIs) Report and the Online Services Report (OSR) was undertaken by NPS MedicineWise. Four clinical information systems were validated – Best Practice (Bp), Communicare (Ccare), Medical Director (MD) and MMEEx.

Data validation was undertaken for the nKPI report only in December 2020. 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 the nKPI report 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 24 indicators reported directly from the clinical information system.



PI03, PI07, PI14 and PI22 were updated with new requirements. 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 Multiple births are not excluded; alcohol status is not captured through AUDIT-C assessment alone

MD Multiple births are not excluded; alcohol status is only captured through AUDIT-C assessment

Interpretation variance – the values reported are based on an alternative interpretation of the definition, to comply with system architecture and/or workflow practices

Ccare Immunisations are not routinely recorded individually, the absence of overdue/recalls is interpreted as indicating full immunisation

nKPIs

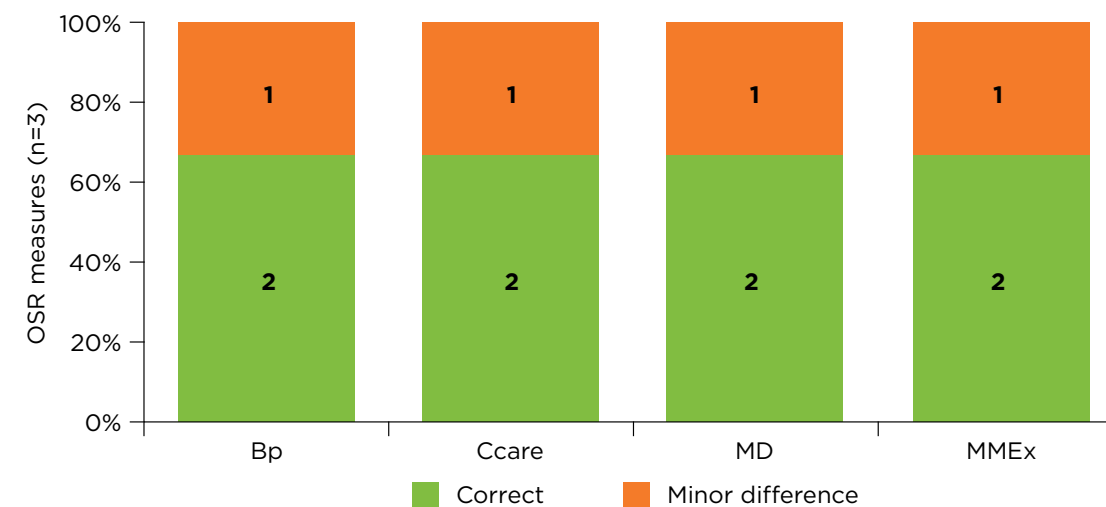
- PI01: Birth weight recorded
- PI02: Birth weights
- PI03: MBS Health Assessment received
- PI04: Indigenous children fully immunised
- PI05: HbA_{1c} recorded
- PI06: HbA_{1c} result
- PI07: GP Management Plan claimed
- PI08: Team Care Arrangement claimed

- PI09: Smoking status recorded
- PI10: Smoking status
- PI11: Smoking status of women who gave birth
- PI12: Overweight or obese clients
- PI13: Antenatal visits
- PI14: Older clients immunised for influenza
- PI15: Clients with chronic illness immunised for influenza
- PI16: Alcohol consumption recorded

- PI17: AUDIT-C result
- PI18: Kidney function testing
- PI19: eGFR / ACR result
- PI20: CVD risk assessment factors
- PI21: CVD risk assessment result
- PI22: Female clients with cervical screening
- PI23: Blood pressure
- PI24: Blood pressure result

Online Services Report (June 2020 results)

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



All systems returned correct values for Episodes of Care and Client numbers when tested in June 2020

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)

– Medical Specialists are not recognised (12 Worker Types)

Ccare Client contacts – Transport health professionals are not recognised (2 Worker Types)

– SEWB staff are not recognised (2 Worker Types)

MD Client contacts – Other or not specified staff are not recognised (4 Worker Types)

MMEEx Where two contacts occur on the same day, these are counted as one

A full list of Worker Types is available at [National KPIs for Aboriginal and Torres Strait Islander Primary Health Care Data, Control data set and data validation Summary Report \(Appendix 1, pg.30\)](#)

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 7940

Communicare: Version 19.2.13.86, Government Reporting Tool version 1.5.1 (1.0.1.4)

Medical Director: Medical Director Clinical 3.18.4.12489, Medical Director Insights 1.8.7+ 15

MMEEx: Version 20.9