

DATA VALIDATION RESULTS FOR NKPI AND OSR REPORTS

Data reported from Clinical Information Systems

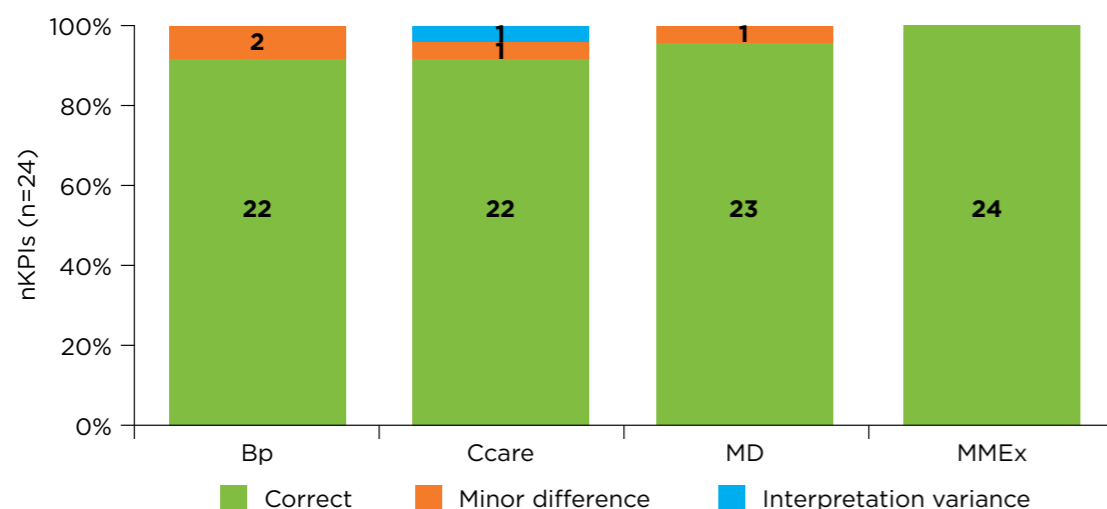
Data validation of the National Key Performance Indicators (nKPIs) Report and the Online Services Report (OSR) was undertaken by NPS MedicineWise. Four Clinical Information Systems were validated – Best Practice (Bp), Communicare (Ccare), Medical Director (MD) and MMEx.

Data validation was undertaken separately for the two reports – nKPI report and OSR. Each component measure in each 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. Minor inconsistencies related to defining Visits (nKPI report) and Client contacts (OSR) are not reflected in this report but are being addressed separately.

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 24 indicators reported directly from the Clinical Information System.



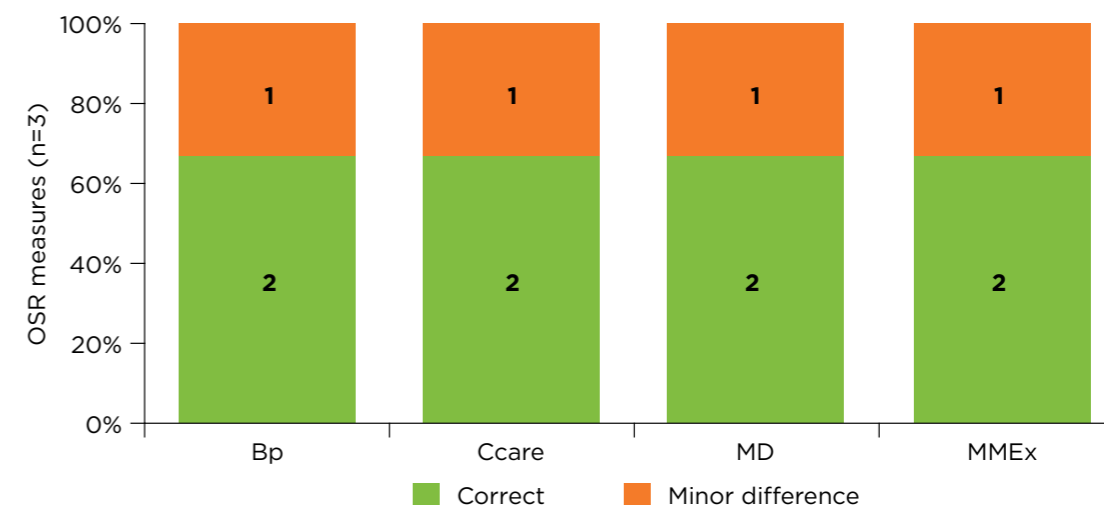
- Correct** – report returns correct values according to specification
- Minor difference** – minor differences in reported values are observed, assessed as being of minimal significance
- Bp Multiple births are not excluded; alcohol status is not captured through AUDIT-C assessment alone
 - Ccare Multiple births are not excluded
 - MD Multiple births are not excluded
- 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 | PI09: Smoking status recorded | PI17: AUDIT-C result |
| PI02: Birth weights | PI10: Smoking status | PI18: Kidney function testing |
| PI03: MBS Health Assessment received | PI11: Smoking status of women who gave birth | PI19: eGFR / ACR result |
| PI04: Indigenous children fully Immunised | PI12: Overweight or obese clients | PI20: CVD risk assessment factors |
| PI05: HbA _{1c} recorded | PI13: Antenatal visits | PI21: CVD risk assessment result |
| PI06: HbA _{1c} result | PI14: Older clients immunised for influenza | PI22: Female clients with cervical screening |
| PI07: GP Management Plan claimed | PI15: Clients with chronic illness immunised for influenza | PI23: Blood pressure |
| PI08: Team Care Arrangement claimed | PI16: Alcohol consumption recorded | PI24: Blood pressure result |

Online Services Report

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

- 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)
 - MMEx 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, Reporting Tool build 5981
- Medical Director:** Medical Director Clinical 3.18, Medical Director Insights 1.8.0
- Communicare:** Version 19.2.6.59, Government Reporting Tool version 1.51
- MMEx:** Version 20.4.1.2