

# DATA VALIDATION RESULTS FOR NKPI AND OSR REPORTS

Data reported from clinical information systems (December 2023)



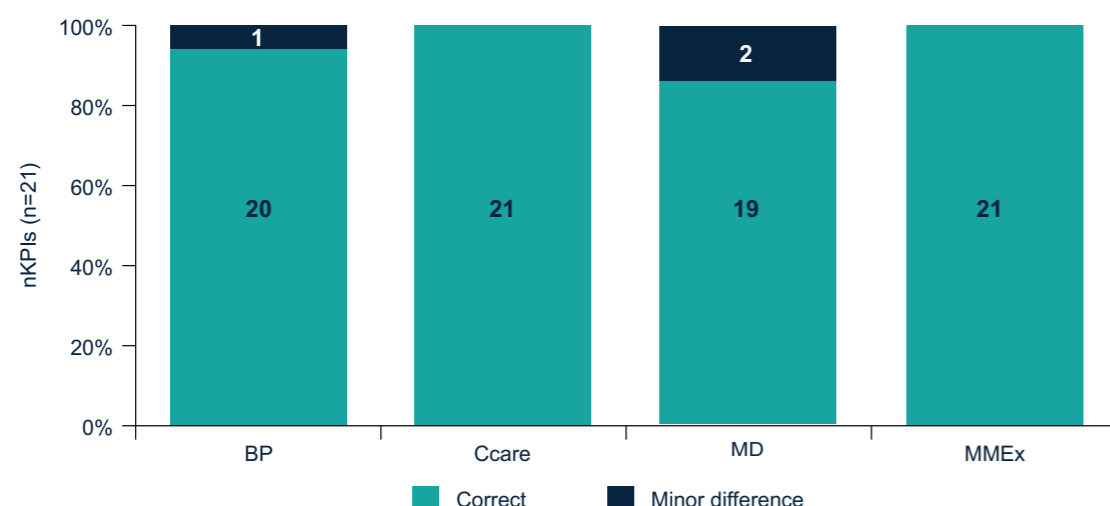
Data validation of the National Key Performance Indicators (nKPIs) and the Online Services Report (OSR) was undertaken by Solving Health. Four clinical information systems were validated: Best Practice (BP), Communicare (Ccare), Medical Director (MD) and MMEx.

Data validation was undertaken for the nKPI report only in December 2023. Using a control data set, each component measure 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 notes below.

**All clinical information systems passed validation with only minor qualifications. In the opinion of Solving Health, the data reported from these systems are correct and comparable.**

## National Key Performance Indicators

The nKPI summary is based on the 21 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 - Alcohol status is not captured through AUDIT-C assessment alone*  
*MD - Alcohol status is only captured through AUDIT-C assessment*  
*MD - Exclusion criteria outlined in pathology coding framework partially implemented*

### nKPIs

<b>PI01:</b> Birth weight recorded	<b>PI10:</b> Smoking status	<b>PI19*:</b> Chronic disease clients kidney function result category
<b>PI02:</b> Birth weights	<b>PI11:</b> Smoking status of women who gave birth	<b>PI20:</b> CVD risk assessment factors
<b>PI03:</b> MBS Health Assessment received	<b>PI12:</b> BMI result within specified categories	<b>PI21:</b> CVD risk assessment result
<b>PI04*:</b> Indigenous children fully immunised	<b>PI13:</b> Antenatal visits	<b>PI22:</b> Female clients with cervical screening
<b>PI05:</b> HbA1c recorded	<b>PI14:</b> Older clients immunised for influenza	<b>PI23:</b> Blood pressure
<b>PI06:</b> HbA1c result	<b>PI15*:</b> Clients with chronic illness immunised for influenza	<b>PI24:</b> Blood pressure result
<b>PI07:</b> GP Management Plan claimed	<b>PI16:</b> Alcohol consumption recorded	<b>PI25:</b> STI result recorded
<b>PI08*:</b> Team Care Arrangement claimed	<b>PI17*:</b> AUDIT-C result*	
<b>PI09:</b> Smoking status recorded	<b>PI18:</b> Chronic disease clients with kidney function 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  
 PI15 – retired  
 PI17 – retired  
 PI19-A and PI19-B – replaced by revised PI19

## Online Services Report (June 2023 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.

**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 - Health professionals not recognised: Transport (2 Worker Types), Medical Specialists (11 Worker Types), SEWB staff (1 Worker Type)*  
*Ccare - Client contacts - Health professionals not recognised: Transport health professionals who do not work for the service, SEWB staff (2 Worker Types)*  
*MD - Client contacts - Health professionals not recognised: Other Health / Clinical Staff, Specialist Other, SEWB Staff Other, Allied Health Other (4 Worker Types)*  
*MMEx - Two contacts occurring on the same day with the same provider are counted as one client contact*

### OSR measures

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

### Software versions tested:

**Best Practice:** Bp Premier: Saffron SP3 Edition 1.11.3.974; Bp Premier Reporting Tool version 1.0.0.18605  
**Communicare:** Communicare version 22.2.31.119; Government Reporting Tool version 1.5.2 (1.6.1.2)  
**Medical Director:** Medical Director Clinical 4.2.8.16199; Medical Director Insights 1.8.20  
**MMEx:** Version 23.5.4.1