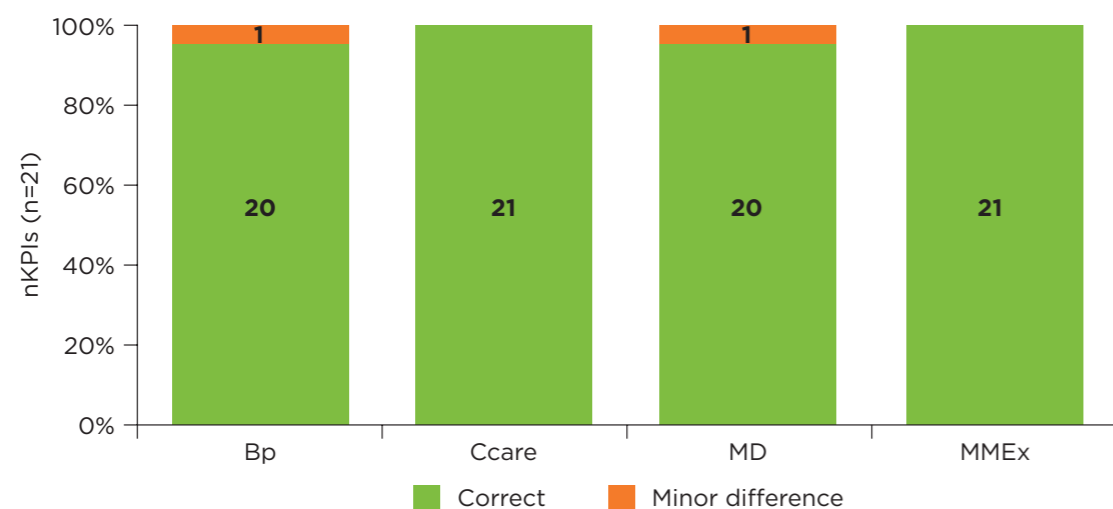**NPS MEDICINEWISE**

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 for the nKPI report only in December 2021. 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 21 indicators reported directly from the clinical information system.

PI12, PI18, PI19 were updated with new requirements in this validation period. All systems returned correct values for the updated indicators.

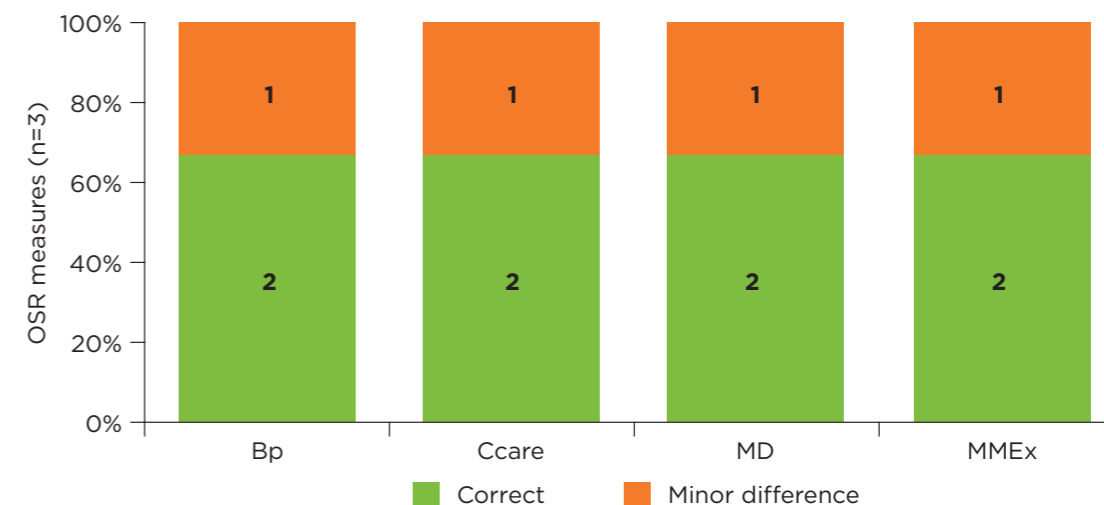|	
Correct	– report returns correct values according to specification
Minor difference	– minor differences in reported values are observed, assessed as being of minimal significance
Bp	*Alcohol status is not captured through AUDIT-C assessment alone*
MD	*Alcohol status is only captured through AUDIT-C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

nKPIs

PI01:	Birth weight recorded	**PI09:**	Smoking status recorded	**PI18:**	Chronic disease clients with kidney function result
PI02:	Birth weights	**PI10:**	Smoking status		
PI03:	MBS Health Assessment received	**PI11:**	Smoking status of women who gave birth	**PI19:**	Chronic disease clients kidney function result category
PI04*:	Indigenous children fully Immunised	**PI12:**	BMI result within specified categories		
PI05:	HbA$_{1c}$ recorded	**PI13:**	Antenatal visits	**PI20:**	CVD risk assessment factors
PI06:	HbA$_{1c}$ result	**PI14:**	Older clients immunised for influenza	**PI21:**	CVD risk assessment result
PI07:	GP Management Plan claimed	**PI15*:**	Clients with chronic illness immunised for influenza	**PI22:**	Female clients with cervical screening
PI08*:	Team Care Arrangement claimed	**PI16:**	Alcohol consumption recorded	**PI23:**	Blood pressure
		PI17:	AUDIT-C result	**PI24:**	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
PI15 – retired

Online Services Report (June 2021 results)

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)*
	– Medical Specialists are not recognised (12 Worker Types)
Ccare	*Client contacts – Transport health professionals who do not work for the service are not recognised (1 Worker Type)*
	– 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*

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 11452
Communicare:	Version 12.2, Government Reporting Tool version 1.5.2 (1.3.1.0)
Medical Director:	Medical Director Clinical 4.0a, Medical Director Insights 1.1.12 +5
MMEx:	Version 21.8.0.15