Bp Premier nKPI and OSR Reporting Tool

Change Log

Best Practice Software

Document Name	Bp Premier nKPI Change Log

Product Name   Bp Premier

Contents

1. Purpose

As part of the nKPI (National Key Performance Indicators) project, a utility will be supplied to participating health clinics to enable them to upload aggregated, deidentified patient information to the Federal Government's portal. This document provides detail on all changes that are made to the nKPI reporting from within the Bp Premier Reporting Tool.

2. Change Control

Date	Change by	Reason
06/2023	Jamie Atkinson	Initial draft of the document
08/2023	Jamie Atkinson	Added item 2595
12/2023	Aaron Lim	Added item 2749
06/2024	Aaron Lim Hannah Pineda	Added in items for 06/2024 release

3. Change Log

Date	Reference	Description
04/2018	--	Initial Release
03/2020	1041	Add Telehealth to nKPI Measures
07/2020	1121	Fix to nKPI tool to correctly log errors
12/2020	1179	Change the "Spec Version" in the XML document to 10.1 nKPI Updates nKPI03 • Remove age exclusions (retain disaggregation by age-group). Apply sex disaggregation to all age-groups • For ages 0–14 count clients with a health assessment completed in the past 12 months • For ages 15+ count clients with a health assessment completed in the past 24 months • Include relevant MBS item numbers indicating completion of a health assessment (currently items 715, 228, 92004, 92016, 92011, 92023) nKPI07 • Include relevant MBS item numbers indicating preparation of a Chronic Disease Management Plan (currently items 721, 229, 92024, 92068, 92055, 92099) nKPI14 • Alter inclusion criteria to include clients aged 6 months and over. Disaggregate by 10-year age-groups (0–4 years, 5–14 years, 55–64 years, 65 years and older), consistent with other nKPIs nKPI22 • Alter inclusion criteria to include Cervical Screening Test and exclude 'Pap test' • Change the included age range to 25 to 74 years (retain disaggregation by 10 year age-groups) • Change the time interval for accepted tests to 'within 5 years and on or after 01 December 2017' (remove disaggregation)
10/2020	1208	Ensure trailing zeros are removed from all percentage decimal points in NKPI report
11/2020	1213	Add scheduling to Reporting Tool for NKPI XML file
10/2020	1216	• Combined nKPI-22020 (65 – 69 yrs old) and nKPI-22021 (70 – 74 yrs old) indicators into one and labelled it nKPI-22024 • Corrected calculation for denominator for nKPI-22018 • Correct calculations for numerators and denominators for nKPI03 • Corrected client breakdown for nKPI02 in the HTML report • nKPI-14010 and nKPI-14020 corrected to record from 6 months of age to 4 years
01/2021	1306	Correct NKPI-12003 to exclude 55-year-old clients
03/2021	1321	nKPI Updates nKPI01 • Updated to include babies born in the previous 12 months who have had more than one visit. nKPI02 • Updated to include babies born in the previous 12 months who have had more than one visit. Birth weight exclusion criteria for multiple births has been removed nKPI09 and nKPI10 • Updated indicator to include 11-14 year old clients nKPI11

		• Renamed indicator to 'Smoking status of regular clients who gave birth within the previous 12 months with smoking status recorded during pregnancy' • Updated the age disaggregation to 'less than 20 years', '20-34 years', '35 years and older' to align with PI13 nKPI13 • Renamed indicator to 'Proportion of regular clients who gave birth within the previous 12 months who had their first antenatal visit within specified periods' • Updated the disaggregation of gestation age at first visit to 'before 11 weeks gestation', '11 to 13 weeks', '14 to 19 weeks' and '20 weeks or later' nKPI24 • Updated target blood pressure value to less than or equal to 140/90mmHG OSR CS3a changes for disaggregation of data by age and sex (in addition to existing ethnicity breakdown)
02/2021	1336	Update HbA1c reporting to report on the following test names: • Blood HbA1c Fraction IFCC • Blood HbA1c Fraction
02/2021	1348	Corrected telehealth vs non-telehealth to count only most recent service
07/2021	1488	• Update nKPI tool to use correct password
12/2021	1566	Term Code Changes • Updated Type II Diabetes measures for NKPI-05, NKPI-06, NKPI-07, NKPI-23, NKPI-24 and parts of NKPI-08, NKPI-15, NKPI-18 and NKPI-19 to consider only the following Term Codes as T2DM: 778, 774 • Updated COPD measures for parts of NKPI-08 and NKPI-15, to only consider the following Term Codes as COPD: 598 • Updated the CKD measures for parts of NKPI-08 to only consider the following Term Codes as CKD: 7504, 8119, 8210, 7505, 7506, 2853, 2882, 3765 • Updated the CVD measures for NKPI-20, NKPI-21 and parts of NKPI-18 to only consider the following Term Codes as CVD: 11744, 1522, 1534, 226, 228, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2556, 3083, 3398, 3576, 3577, 3578, 3579, 4253, 4254, 4610, 5340, 5833, 6103, 6456, 677, 678, 679, 680, 681, 6847, 7276, 7278, 7805, 7847, 918, 919 nKPI12 • Updated title to 'Proportion of Indigenous Regular Clients who have a BMI result within specified categories' • Result will now break down BMI into 5 groups: o underweight (<18.50) o normal weight (18.50–24.99) o overweight (25.00–29.99) o obese (≥30) o not calculated • Denominator is now 'every client within age and sex range' since there's a new category for 'not calculated' • Every single measure receives a new code • Counting rules no longer include requirement of BMI to be calculated from a height measurement taken within the previous 24 months for clients aged 15–24 years, it is now just a height measurement since the client turned 18 years. • Additional age group aggregation of 18-24 years nKPI18 • Additional age group aggregation of 0-14 years • Kidney function tests types recorded are now consistent for both type 2 diabetes and cardiovascular disease. Calculation A and B are no longer required.

		• The indicator will now break down test type into 4 groups:
		  ○ both eGFR and ACR recorded
		  ○ only eGFR result recorded
		  ○ only ACR result recorded
		  ○ neither eGFR or ACR result recorded
		• As there is an addition of a group with 'neither an ACR or eGFR recorded', denominator will now include all indigenous regular clients with the specified chronic disease.
		• Need to provide aggregation by:
		  ○ Type 2 diabetes
		  ○ Cardiovascular disease (CVD)
		  ○ CVD and/or Type 2 diabetes
		• There are separate measure codes for the group 'either/both CVD and Type 2 diabetes'. It can't just be the value of Type 2 Diabetes plus CVD clients as clients who have both conditions would be double counted.
		nKPI19
		• PI19A and B are now retired and amalgamated into one measure PI19
		• Clients must have both an eGFR and an ACR result to be included in the denominator.
		• Addition of 0-14 year age group
		• Risk classification values are different for males compared to females for some categories, and there may be multiple values ranges for one risk. As per previous indicator PI-19B there will be a calculation A (males) and a calculation B (females).
		• Need to provide aggregation by:
		  ○ Type 2 diabetes
		  ○ Cardiovascular disease
		  ○ CVD and/or Type 2 diabetes
		There are separate measure codes for the group 'either/both CVD and Type 2 diabetes'. It can't just be the value of Type 2 diabetes plus CVD clients as clients who have both conditions would be double counted.

02/2022	1744	• When generating HCP report in XML from within the NKPI reporting tool, any non-printable characters are removed/escaped
06/2022	1781	nKPI18 • Removed all measures related to 0-14 years age group • Updated the age group 15-24 years to 18-24 years • Updated the measure to not consider tests with an invalid result so they aren't included in the numerator nKP19 • Removed all measures related to 0-14 years age group • Updated the age group 15-24 years to 18-24 years • Updated the measure to not consider tests with an invalid result in the denominator and remove the Indeterminate Risk category • Removed the Severe Risk category • Updated the remaining Risk Categories nKPI25 • Added PI25: STI result recorded Updated to check for STI investigations • Has STI test - Y/N - indicates an STI test exists • STI test Date - Date - indicates the date of this test Add an additional option to save exported KPI data as a CSV in addition to the current XML and HTML options
06/2023	2260	Added an output format of the NKPI report matching the layout of the Health Data Portal application, with KPIs sorted into the same table structure, and, where client data is selected to be included in the export, with it accessible by clicking the KPI number
06/2023	2271	nKPI25

			Updated to count tests based on LOINC codes or text for Chlamydia and Gonorrhea
07/2023	2595		Fixed issue where an error occurred due to NULL returned values
12/2023	2749		nKPI25 Updated to support the following: - List of LOINC codes and case insensitive free text - Exclusion by updated excluded LOINCs - Exclusion by wildcard search of 'Ab', 'IgA', 'IgG', 'IgM' and non-STI test terms eg, psittaci.
06/2024			Updated the nKPI and OSR Field Mapping document for the following reports:
	3136		nKPI03 Updated Telehealth MBS Items to 92004 or 92011
	3136		nKPI07 Updated Telehealth MBS Items to 92004 or 92011
	1321		NKPI11 Updated Numerator and Denominator table to correctly reflect the age disaggregation
	1179		nKPI22 - Alter inclusion criteria to exclude 'Pap smear' - Change the time interval for accepted tests to 'within 5 years and on or after 01 December 2017' (remove disaggregation)
	1321 & 3136		Removed information for the following retired or suspended reports: PI04, PI08, PI15, PI17 - logged ticket to update 2957
	2957		Added table of included and excluded visit types in Section 3 Regular Client
	2959		Added nKPI26 Report - Ear Health Check Indicator - Hearing loss is now an excluded clinical diagnosis and new terms have been added to the list of exclusions. - Addition of included clinical diagnosis codes and terms. - Addition of included procedure codes and terms. - Addition of excluded clinical diagnosis codes and terms. - Some previously excluded procedure codes and terms have now moved to included procedures. - The introductory text for the ear coding framework and the principles for inclusion/exclusion have been revised.