



# Bp Premier nKPI and OSR Field Mappings

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## Document Name **Bp Premier nKPI and OSR Field Mappings**

**Product Name**      Bp Premier

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## 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 where in Bp Premier this information is sourced from.

## 2. Change Control

Date	Version	Change by	Reason
24/04/2018	V0.1	Thomas Clarke	Final development draft of document
05/05/2018	V0.2	Jessica White	Final customer facing review and update
15/05/2018	V0.3	Thomas Clarke	Include additional CVD term names
11/10/2018	V0.4	Thomas Clarke	Update OSR Measures to include new visit types referenced in DoH email
12/10/2018	V0.5	Thomas Clarke	Corrections to NKPI-21 to correct error with Low measures
15/10/2018	V0.6	Thomas Clarke	Corrections to NKPI-21 to correct other errors
03/07/2019	V0.7	Thomas Clarke	Update OSR-CS2 measures to correct error in Chiropractor location, add new Allied Health Other types and new Jade user groups
12/07/2019	V0.8	Thomas Clarke	Add Clinical Pharmacist user type to OSR-CS2
06/2023	V1.0	Jamie Atkinson	<p>Update document to reflect changes between 2019 and 2023:</p> <ul style="list-style-type: none"> <li>nKPI01 and nKPI02 updated criteria to have had at least one Visit in the last 12 months</li> <li>nKPI09 and nKPI10 updated to include 11-14 year old clients</li> <li>nKPI11 renamed to 'Smoking status of regular clients who gave birth within the previous 12 months with smoking status recorded during pregnancy' and updated the age disaggregation to 'less than 20 years', '20-34 years', '35 years and older' to align with PI13</li> <li>nKPI13 renamed to 'Proportion of regular clients who gave birth within the previous 12 months who had their first antenatal visit within specified periods' and 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'</li> <li>nKPI24 updated the target blood pressure value to less than or equal to 140/90mmHG</li> <li>OSR CS3a changes for disaggregation of data by age and sex (in addition to existing ethnicity breakdown)</li> <li>nKPI12 renamed to 'Proportion of Indigenous Regular Clients who have a BMI result within specified categories' and BMI now broken down into 5 groups: underweight (&lt;18.50), normal weight (18.50–24.99), overweight (25.00–29.99),</li> </ul>

			<p>obese (<math>\geq 30</math>), and not calculated, with new codes. Denominated updated to 'every client within age and sex range' since there's a new category for 'not calculated' and age group aggregation of 18-24 years added</p> <ul style="list-style-type: none"> <li>nKPI18 age group 15-24 years updated to 18-24 years, indicator will now break down test type into 4 groups: both eGFR and ACR recorded, only eGFR result recorded, only ACR result recorded, and neither eGFR or ACR result recorded. Aggregation is now broken down into 3 groups: Type 2 diabetes, Cardiovascular disease (CVD), and CVD and/or Type 2 diabetes</li> <li>nKPI19A and nKPI19B are now retired and amalgamated into one measure nKPI19</li> <li>nKPI25 added with details and measures</li> </ul>
12/2023	V1.1	Aaron Lim	<p>nKPI25</p> <p>Updated search inclusions</p> <ul style="list-style-type: none"> <li>Chlamydia LOINC Codes</li> <li>Chlamydia Text Strings</li> <li>Gonorrhoea LOINC Codes</li> <li>Gonorrhoea Text Strings</li> </ul> <p>New search inclusions and exclusions</p> <ul style="list-style-type: none"> <li>Chlamydia Non-LOINC Codes</li> <li>Chlamydia LOINC Code Exclusions</li> <li>Gonorrhoea Non-LOINC Codes</li> <li>Chlamydia and Gonorrhoea LOINC Codes</li> <li>Chlamydia and Gonorrhoea Non-LOINC</li> <li>Antibody and Immunoglobulin Exclusions</li> </ul>
06/2024	V1.2	Aaron Lim Hannah Pineda	<p>Updated the nKPI and OSR Field Mapping document for the following reports:</p> <p>nKPI03</p> <ul style="list-style-type: none"> <li>Updated Telehealth MBS Items to 92004 or 92011</li> </ul> <p>nKPI07</p> <ul style="list-style-type: none"> <li>Updated Telehealth MBS Items to 92004 or 92011</li> </ul> <p>NKPI11</p> <ul style="list-style-type: none"> <li>Updated Numerator and Denominator table to correctly reflect the age disaggregation</li> </ul> <p>nKPI22</p> <ul style="list-style-type: none"> <li>Alter inclusion criteria to exclude 'Pap smear'</li> <li>Change the time interval for accepted tests to 'within 5 years and on or after</li> </ul>

			<p>01 December 2017' (remove disaggregation)</p> <p>Removed information for the following retired or suspended reports:</p> <ul style="list-style-type: none"> <li>PI04, PI08, PI15, PI17</li> </ul> <p>Added table of included and excluded visit types in Section 3 Regular Client</p> <p>Added Section 5 Health Provider Role Classification for Reporting</p> <p>Added nKPI26 Report - Ear Health Check Indicator</p> <ul style="list-style-type: none"> <li>Hearing loss is now an excluded clinical diagnosis and new terms have been added to the list of exclusions.</li> <li>Addition of included clinical diagnosis codes and terms.</li> <li>Addition of included procedure codes and terms.</li> <li>Addition of excluded clinical diagnosis codes and terms.</li> <li>Some previously excluded procedure codes and terms have now moved to included procedures.</li> <li>The introductory text for the ear coding framework and the principles for inclusion/exclusion have been revised.</li> </ul>
11/2024	V1.3	Hannah Pineda	<p>nKPI13</p> <p>Updated so that only births that have a birthweight of 400g or more or a gestational age at birth of 20 weeks or more are included.</p> <p>Updated the nKPI and OSR Field Mapping document with the adjusted included and excluded visit types in Section 3 Regular Client:</p> <ul style="list-style-type: none"> <li>'Out of office' is excluded</li> <li>'Other' is included</li> </ul>
03/2025	V1.4	Hannah Pineda	<p>Updated OSR report so that records with the Birth Sex of 'Other' are counted into the 'Gender not recorded' indicators.</p> <p>Updated Section 3 Regular Client to include a statement indicating inclusion/exclusion for deceased patients.</p>
06/2025	V1.5	Hannah Pineda	<p>Updated Section 4.25 OSR-CS2 – Clients with an Episode of Care from a given HCP type, and Section 5 Health Provider Role Classification for Reporting to include 'Contract doctor' and 'Registrar'.</p>

			<p>Updated Section 4.24 OSRCS1A – Clients with an Episode of Care to include 'Hospital' as an included Visit Type.</p> <p>Updated nKPI18 and nKPI19 to include the LOINC codes and test name searches used for these indicators.</p>
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### 3. Regular Client

Most mappings in this document reference patients who are defined as *regular clients*. A *regular client*\* is a patient who exists in the practice database who has had three or more **visit types** counted as a visit for reporting.

\*Note: Deceased clients are excluded from the nKPI report. In the OSR, deceased clients are included in OSR counts where there is evidence of client contact and episode of care activity during the reporting period – this allows health services to count all eligible activities within the reporting period.

Counted as a Visit	Not counted as a visit
Home	Email
Hospital	Non visit
Hostel	SMS
Locum service	Out of Office
RACF (residential aged care facility)	
Surgery	
Telehealth (clinical)	
Telephone	
Other	

A **visit** is recorded in the **Patient Clinical Record** when any information is saved against the patient, for example by filling out the **Today's Notes** section.

The screenshot displays the Bp Premier software interface for a patient record. The top menu bar includes File, Open, Request, Clinical, View, Utilities, My Health Record, and Help. Below the menu is a toolbar with various icons. The patient information section shows: Name: Test Patient, Address: 1 Test St Bundaberg 4670, Medicare No., Record No.: 54, D.O.B.: //, Age, Sex: Male, 0m 32s, Family members: Mr. Test Patient, Jump, Open, Finalise visit. The Allergies / Adverse Drug Reactions section is empty. The Reactions section is empty. The Notifications section shows a notification for Preventive health due on 22/02/2018 with the reason 'A Diabetes Review was due on 25/08/2017!'. The bottom section shows the patient's clinical history with a list of categories: Today's notes, Past visits, Current Rx, Past history, Immunisations, Investigation reports, Correspondence In, Correspondence Out, Past prescriptions, Observations, Family/Social history, Clinical images, and Enhanced Primary Care. The right sidebar shows a list of medical specialties: General, Cardiovascular, Respiratory, Gastro-intestinal, CNS, Genito-urinary, ENT, Eye, Skin, Musculo-skeletal, and Psych. The bottom status bar shows 'Currently logged in: Dr Frederick Findacure (Main surgery)' and 'Thursday 22/02/2018 12:20:30 PM'.

## 4. Mapping Details

### 4.1. NKPI-00 – Recording of sex/age for indigenous clients

The NKPI-00 element consists of four elements that each provide a count. In order to appear in the NKPI-00 element, the patient must meet the definition of *regular client*, have an **Ethnicity** of *Aboriginal but not Torres Strait Islander*, *Torres Strait Islander but not Aboriginal* or *Both Aboriginal and Torres Strait Islander*.

Patients meeting these criteria are then added to one of the measures in the table below based on whether their **Sex** and **Date of Birth** are recorded in the system.

	Sex not recorded	Sex recorded
Date of Birth not recorded	NKPI-00001	NKPI-00002
Date of Birth recorded	NKPI-00003	NKPI-00004

## 4.2. NKPI-01002 – recording of birth weight for Indigenous babies

The NKPI-01002 measure consists of a numerator and a denominator. In order to appear in the denominator for the NKPI-01002 measure, the Patient record must have a **Date of Birth** recorded within the previous twelve months, have had at least one **Visit** in the last 12 months and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander*, *Torres Strait Islander but not Aboriginal* or *Both Aboriginal and Torres Strait Islander*.

To appear in the numerator for this measure, the Patient record must also have an **Observation** of type *Weight* recorded on their **Date of Birth**.

The screenshot shows the 'Observations' window in the Bp Premier software. The 'Date' field is set to 22/02/2018 and the 'Weight' field is set to 2.2. Both fields are highlighted with red boxes. The window includes fields for Temp, Pulse, BP (Sitting, Standing, Lying), Resp. rate, O2 Sat., Height, Hips, Waist, Chest (Insp. and Exp.), and BSL. There are 'Save' and 'Close' buttons at the bottom.

### 4.3. NKPI-02 – birth weight ranges for Indigenous babies

The NKPI-02 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-02 measures, the Patient record must have a **Date of Birth** recorded within the previous twelve months, have had at least one **Visit** in the last 12 months and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander*, *Torres Strait Islander but not Aboriginal* or *Both Aboriginal and Torres Strait Islander*. The Patient record must also have an **Observation** of type *Weight* recorded on their **Date of Birth**.

In order to appear in the numerator for a measure under the NKPI-02 element, the value recorded for the patient's **Weight Observation** (multiplied by 1000 in order to convert from kilograms to grams) should fall within the range specified for the measure in the below table:

	<b>Measure</b>
<b>Weight</b> <2500g	NKPI-02001
<b>Weight</b> >= 2500g - < 4500g	NKPI-02002
<b>Weight</b> >=4500g	NKPI-02003

#### 4.4. NKPI-03 – Patients of a given gender and age range claiming a Health Assessment

The NKPI-03 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-03 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*. The Patient must also have an **age** and **gender** as specified for the measure in the below table.

In order to appear in the numerator for a given measure, the patient must meet the conditions to appear in the denominator, as well as having a **Service** record for *MBS Item 715* or *228* for the in-person measure) or *MBS item 92004* or *92011* (for the Telehealth measures) with a **Service Date** within the previous 24 months (or 12 months for NKPI-03001).

		Sex Male		Sex Female	
		In-person	Telehealth	In-person	Telehealth
Assessment in previous 12 months	Age 0-4 years	NKPI-03013	NKPI-03014	NKPI-03017	NKPI-03018
	Age 5-14 years	NKPI-03015	NKPI-03016	NKPI-03019	NKPI-03020
Assessment in previous 24 months	Age 15-24 years	NKPI-03021	NKPI-03022	NKPI-03028	NKPI-03029
	Age 25-34 years	NKPI-03002	NKPI-03023	NKPI-03008	NKPI-03030
	Age 35-44 years	NKPI-03003	NKPI-03024	NKPI-03009	NKPI-03031
	Age 45-54 years	NKPI-03004	NKPI-03025	NKPI-03010	NKPI-03032
	Age 55-64 years	NKPI-03005	NKPI-03026	NKPI-03011	NKPI-03033
	Age 65+ years	NKPI-03006	NKPI-03027	NKPI-03012	NKPI-03034

#### 4.5. NKPI-05 – Clients with Type 2 Diabetes who have had a HbA1c test

The NKPI-05 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-05 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*. The Patient must also be aged within the range specified in the below table for the measure, and have a **Past History** record indicating diagnosis with *Type 2 Diabetes*<sup>1</sup>:

Mr. Test Patient

File Open Request Clinical View Utilities My Health Record Help

Name: Test Patient D.O.B.: // Age: Sex: Male 32m 15s Finalise visit

Address: 1 Test St Bundaberg 4670 Phone: Mobile: Work:

Medicare No.: Record No.: 54 Pension No.: Comment: Elite sports: Ethnicity:

Occupation: Tobacco: Alcohol: Advance Health Directive:

Blood Group: Allergies / Adverse Drug Reactions: Reactions: Notifications: Fact Sheets Preventive Health Actions Reminders

Item	Reaction	Severity	Type	Due	Reason
Not recorded			Preventive health	22/02/2018	A Diabetes Review was due on 25/08/2017

Expand Collapse

Mr. Test Patient

Today's notes

Past visits

Current Rx

Past history

Immunisations

Investigation reports

Correspondence In

Correspondence Out

Past prescriptions

Observations

Family/Social history

Clinical images

Enhanced Primary Care

Add Edit Delete Print

Active problems: ☐ No significant PMH

Date	Condition	Severity	Description	Summary	Confidential	My Health Record	Details
23/05/2017	Diabetes Mellitus, Type 2			Yes	No	No	

Inactive problems:

Date	Condition	Severity	Description	Summary	Confidential	My Health Record	Details
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Currently logged in: Dr Frederick Findacure (Main surgery) Thursday 22/02/2018 01:06:24 PM

In order to appear in the numerator for a measure, the patient must meet all criteria for the denominator, and must additionally have a HbA1c test recorded within the date range specified in the table below. These tests can be viewed in the **Atomised Values** screen within **Investigation Reports**.

Mr. Alan Abbott

File Open Request Clinical View Utilities My Health Record Help

Family members: Mr. Alan Abbott Jump Open

Name: Alan Abbott D.O.B.: 30/06/2010 Age: 7 yrs Sex: Male 2m 32s Finalise visit  
 Address: 12 John St Woodlane 4035 Phone: 07 50505050 Mobile: 0427556232 Work: 07 50509999  
 Medicare No.: 4133180467 - 1 12/13 Record No.: 101 Pension No.: 123456789 Comment: On warfarin  
 Occupation: Tobacco: Alcohol: Elite sports: Yes Ethnicity: Aboriginal/Torres Strait Islander  
 Blood Group: Advance Health Directive:

Allergies / Adverse Drug Reactions: Reactions Notifications: Fact Sheets Preventive Health Actions Reminders

Item	Reaction	Severity	Type	Due	Reason
House dust mite	Bronchospasm	Severe	Action	28/02/2012	Check TFTs
Trifle	Nausea	Severe	Action	23/05/2012	Follow-up referral
Aluminium Hydroxide					

Expand Collapse

Mr. Alan Abbott

- Today's notes
- Past visits
- Current Rx
- Past history
- Immunisations
- Investigation reports
- Correspondence In
- Correspondence Out
- Past prescriptions
- Observations
- Family/Social history
- Clinical images
- Enhanced Primary Care

Add View Delete Print Values

Filter: Mark result as given Atomised values

Date	Test name	Checked by	Date checked	Action	Status	Comment
01/09/2006	ED-GLYCOSYLATED Hb A1c	Dr Frederick Findacure	27/10/2011	Doctor to advise	/ /	Abnormal

Mr. Alan Abbott - Atomised result values

File View Help

	01/09/2006	27/10/2011
Hb A1c	6.7	
HbA1c		6.7

Currently logged in: Dr Frederick Findacure (Main surgery) Thursday 22/02/2018 01:10:50 PM

	Sex Male	Sex Female	
Age 0-4 years	NKPI-05001	NKPI-05009	HbA1c test within previous 6 months
	NKPI-05017	NKPI-05025	HbA1c test within previous 12 months
Age 5-14 years	NKPI-05002	NKPI-05010	HbA1c test within previous 6 months
	NKPI-05018	NKPI-05026	HbA1c test within previous 12 months
Age 15-24 years	NKPI-05003	NKPI-05011	HbA1c test within previous 6 months
	NKPI-05019	NKPI-05027	HbA1c test within previous 12 months
Age 25-34 years	NKPI-05004	NKPI-05012	HbA1c test within previous 6 months
	NKPI-05020	NKPI-05028	HbA1c test within previous 12 months
Age 35-44 years	NKPI-05005	NKPI-05013	HbA1c test within previous 6 months
	NKPI-05021	NKPI-05029	HbA1c test within previous 12 months
Age 45-54 years	NKPI-05006	NKPI-05014	HbA1c test within previous 6 months
	NKPI-05022	NKPI-05030	HbA1c test within previous 12 months
Age 55-64 years	NKPI-05007	NKPI-05015	HbA1c test within previous 6 months
	NKPI-05023	NKPI-05031	HbA1c test within previous 12 months
Age 65+ years	NKPI-05008	NKPI-05016	HbA1c test within previous 6 months
	NKPI-05024	NKPI-05032	HbA1c test within previous 12 months

<sup>1</sup>Type 2 Diabetes includes the following term names within Past History: Diabetes Mellitus, NIDDM; Diabetes Mellitus, Type 2; NIDDM; Non insulin dependent Diabetes Mellitus; Type 2 Diabetes Mellitus

#### 4.6. NKPI-06 – Clients with Type 2 Diabetes who have had a HbA1c test with a given result

The NKPI-06 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-06 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*, be aged within the range specified in the below tables for the measure, and have a **Past History** record indicating diagnosis with *Type 2 Diabetes*<sup>1</sup>. The patient must also have had a HbA1c test within the date range specified in the table below. These tests can be viewed in the **Atomised Values** screen within **Investigation Reports**.

The screenshot displays the Bp Premier software interface for patient Mr. Alan Abbott. The top menu bar includes File, Open, Request, Clinical, View, Utilities, My Health Record, and Help. The patient's details are shown in a central panel, including Name, Address, Medicare No., Record No., D.O.B., Age, Sex, Phone, Mobile, Work, Pension No., Comment, Tobacco, Alcohol, Elite sports, and Ethnicity. The Ethnicity is listed as 'Aboriginal/Torres Strait Islander'. Below the patient details, there are sections for Allergies / Adverse Drug Reactions, Reactions, and Notifications. The left sidebar contains a tree view of the patient's history, with 'Investigation reports' highlighted. The main panel shows the 'Atomised values' screen for HbA1c tests, with a table listing test results for ED-GLYCOSYLATED HB A1C. The table has columns for Date, Test name, Checked by, Date checked, Action, Status, and Comment. The results show two tests: one on 01/09/2006 with a result of 6.7, and another on 27/10/2011 with a result of 6.7. The bottom status bar indicates the user is Dr. Frederick Findacure (Main surgery) and the date is Thursday 22/02/2018 01:10:50 PM.

In order to appear in the numerator for a measure, the patient's most recent HbA1c result must be within the range specified for the measure in the below tables.

##### 4.6.1. Test within previous 6 months

	Sex Male	Sex Female	
Age 0-4 years	NKPI-06001	NKPI-06009	HbA1c result <= 7%
	NKPI-06017	NKPI-06025	HbA1c result > 7% - <= 8%
	NKPI-06033	NKPI-06041	HbA1c result > 8% - <= 10%
	NKPI-06049	NKPI-06057	HbA1c result > 10%
Age 5-14 years	NKPI-06002	NKPI-06010	HbA1c result <= 7%
	NKPI-06018	NKPI-06026	HbA1c result > 7% - <= 8%
	NKPI-06034	NKPI-06042	HbA1c result > 8% - <= 10%
	NKPI-06050	NKPI-06058	HbA1c result > 10%

<b>Age 15-24 years</b>	NKPI-06003	NKPI-06011	<b>HbA1c result</b> <= 7%
	NKPI-06019	NKPI-06027	<b>HbA1c result</b> > 7% - <= 8%
	NKPI-06035	NKPI-06043	<b>HbA1c result</b> > 8% - <= 10%
	NKPI-06051	NKPI-06059	<b>HbA1c result</b> > 10%
<b>Age 25-34 years</b>	NKPI-06004	NKPI-06012	<b>HbA1c result</b> <= 7%
	NKPI-06020	NKPI-06028	<b>HbA1c result</b> > 7% - <= 8%
	NKPI-06036	NKPI-06044	<b>HbA1c result</b> > 8% - <= 10%
	NKPI-06052	NKPI-06060	<b>HbA1c result</b> > 10%
<b>Age 35-44 years</b>	NKPI-06005	NKPI-06013	<b>HbA1c result</b> <= 7%
	NKPI-06021	NKPI-06029	<b>HbA1c result</b> > 7% - <= 8%
	NKPI-06037	NKPI-06045	<b>HbA1c result</b> > 8% - <= 10%
	NKPI-06053	NKPI-06061	<b>HbA1c result</b> > 10%
<b>Age 45-54 years</b>	NKPI-06006	NKPI-06014	<b>HbA1c result</b> <= 7%
	NKPI-06022	NKPI-06030	<b>HbA1c result</b> > 7% - <= 8%
	NKPI-06038	NKPI-06046	<b>HbA1c result</b> > 8% - <= 10%
	NKPI-06054	NKPI-06062	<b>HbA1c result</b> > 10%
<b>Age 55-64 years</b>	NKPI-06007	NKPI-06015	<b>HbA1c result</b> <= 7%
	NKPI-06023	NKPI-06031	<b>HbA1c result</b> > 7% - <= 8%
	NKPI-06039	NKPI-06057	<b>HbA1c result</b> > 8% - <= 10%
	NKPI-06055	NKPI-06063	<b>HbA1c result</b> > 10%
<b>Age 65+ years</b>	NKPI-06008	NKPI-06016	<b>HbA1c result</b> <= 7%
	NKPI-06024	NKPI-06032	<b>HbA1c result</b> > 7% - <= 8%
	NKPI-06040	NKPI-06048	<b>HbA1c result</b> > 8% - <= 10%
	NKPI-06056	NKPI-06064	<b>HbA1c result</b> > 10%

#### 4.6.2. Test within previous 12 months

	<b>Sex Male</b>	<b>Sex Female</b>	
<b>Age 0-4 years</b>	NKPI-06065	NKPI-06073	<b>HbA1c result</b> <= 7%
	NKPI-06081	NKPI-06089	<b>HbA1c result</b> > 7% - <= 8%
	NKPI-06097	NKPI-06105	<b>HbA1c result</b> > 8% - <= 10%
	NKPI-06113	NKPI-06121	<b>HbA1c result</b> > 10%
<b>Age 5-14 years</b>	NKPI-06066	NKPI-06074	<b>HbA1c result</b> <= 7%
	NKPI-06082	NKPI-06090	<b>HbA1c result</b> > 7% - <= 8%
	NKPI-06098	NKPI-06106	<b>HbA1c result</b> > 8% - <= 10%
	NKPI-06114	NKPI-06122	<b>HbA1c result</b> > 10%
<b>Age 15-24 years</b>	NKPI-06067	NKPI-06075	<b>HbA1c result</b> <= 7%
	NKPI-06083	NKPI-06091	<b>HbA1c result</b> > 7% - <= 8%
	NKPI-06099	NKPI-06107	<b>HbA1c result</b> > 8% - <= 10%
	NKPI-06115	NKPI-06123	<b>HbA1c result</b> > 10%
<b>Age 25-34 years</b>	NKPI-06068	NKPI-06076	<b>HbA1c result</b> <= 7%
	NKPI-06084	NKPI-06092	<b>HbA1c result</b> > 7% - <= 8%
	NKPI-06100	NKPI-06108	<b>HbA1c result</b> > 8% - <= 10%
	NKPI-06116	NKPI-06124	<b>HbA1c result</b> > 10%
<b>Age 35-44 years</b>	NKPI-06069	NKPI-06077	<b>HbA1c result</b> <= 7%
	NKPI-06085	NKPI-06093	<b>HbA1c result</b> > 7% - <= 8%
	NKPI-06101	NKPI-06109	<b>HbA1c result</b> > 8% - <= 10%
	NKPI-06117	NKPI-06125	<b>HbA1c result</b> > 10%
<b>Age 45-54 years</b>	NKPI-06070	NKPI-06078	<b>HbA1c result</b> <= 7%
	NKPI-06086	NKPI-06094	<b>HbA1c result</b> > 7% - <= 8%
	NKPI-06102	NKPI-06110	<b>HbA1c result</b> > 8% - <= 10%
	NKPI-06118	NKPI-06126	<b>HbA1c result</b> > 10%
<b>Age 55-64 years</b>	NKPI-06071	NKPI-06079	<b>HbA1c result</b> <= 7%
	NKPI-06087	NKPI-06095	<b>HbA1c result</b> > 7% - <= 8%
	NKPI-06103	NKPI-06111	<b>HbA1c result</b> > 8% - <= 10%
	NKPI-06119	NKPI-06127	<b>HbA1c result</b> > 10%

<b>Age 65+ years</b>	NKPI-06072	NKPI-06080	<b>HbA1c result</b> <= 7%
	NKPI-06088	NKPI-06096	<b>HbA1c result</b> > 7% - <= 8%
	NKPI-06104	NKPI-06112	<b>HbA1c result</b> > 8% - <= 10%
	NKPI-06120	NKPI-06128	<b>HbA1c result</b> > 10%

<sup>1</sup>Type 2 Diabetes includes the following term names within Past History: Diabetes Mellitus, NIDDM; Diabetes Mellitus, Type 2; NIDDM; Non insulin dependent Diabetes Mellitus; Type 2 Diabetes Mellitus

#### 4.7. NKPI-07 – Clients with a given condition claiming GP Management Plan

The NKPI-07 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-07 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*, be aged within the range specified in the below tables for the measure, have the gender specified against the measure in the table below and have a **Past History** record matching the condition identified in the table below.

Mr. Test Patient

File Open Request Clinical View Utilities My Health Record Help

Name: Test Patient D.O.B.: // Age: 32m 15s Sex: Male Mobile: Work: Finalise visit

Address: 1 Test St Bundaberg 4670 Phone: Pension No.: Comment: Tobacco: Alcohol: Elite sports: Ethnicity: Advance Health Directive:

Medicare No.: Record No.: 54

Occupation: Blood Group: Allergies / Adverse Drug Reactions: Reactions: Notifications: Fact Sheets Preventive Health Actions Reminders

Item Reaction Severity

Not recorded

Type Due Reason

Preventive health 22/02/2018 A Diabetes Review was due on 25/08/2017

Expand Collapse

Mr. Test Patient

Today's notes

Past visits

Current Rx

Past history

Immunisations

Investigation reports

Correspondence In

Correspondence Out

Past prescriptions

Observations

Family/Social history

Clinical images

Enhanced Primary Care

Add Edit Delete Print

Active problems: ☐ No significant PMH

Date	Condition	Severity	Description	Summary	Confidential	My Health Record	Details
23/05/2017	Diabetes Mellitus, Type 2			Yes	No	No	

Inactive problems:

Date	Condition	Severity	Description	Summary	Confidential	My Health Record	Details
------	-----------	----------	-------------	---------	--------------	------------------	---------

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In order to appear in the numerator for a given measure, the patient must meet the conditions to appear in the denominator, as well as having a **Service** record for *MBS Item 721 or 229* (for in-person measures) or *MBS Item 92004, 92011* (for Telehealth measures) with a **Service Date** within the previous 24 months.

**Finalise visit**

Visit length: 2h 0m 48s Account type: Direct Bill

MBS Item: 721 ☐ Default list  Search MBS

Description	Item No.	Fee	Rebate
GP management plan	721	144.25	144.25

Attendance by a medical practitioner (including a general practitioner, but not including a specialist or consultant physician) for the preparation of a gp management plan (gmp) for a patient (not being a service associated with a service to which items 735 to 758 apply).this cdm service is for a patient who has at least one medical condition that:(a) has been (or is likely to be) present for at least six months; or(b) is terminal.a rebate will not be paid within

Items to bill:

Description	Service text	Item No.	Fee	Rebate
Surgery consultation, Level D		44	105.55	105.55

Note to reception:

☐ Not normal aftercare  
☐ In hospital  
No. of patients: 1

Save Save & Close Cancel

	Sex Male		Sex Female		
	In-person	Telehealth	In-person	Telehealth	
Age 0-4 years	NKPI-07001	NKPI-07017	NKPI-07009	NKPI-07025	Condition Type 2 Diabetes <sup>1</sup>
Age 5-14 years	NKPI-07002	NKPI-07018	NKPI-07010	NKPI-07026	Condition Type 2 Diabetes <sup>1</sup>
Age 15-24 years	NKPI-07003	NKPI-07019	NKPI-07011	NKPI-07027	Condition Type 2 Diabetes <sup>1</sup>
Age 25-34 years	NKPI-07004	NKPI-07020	NKPI-07012	NKPI-07028	Condition Type 2 Diabetes <sup>1</sup>
Age 35-44 years	NKPI-07005	NKPI-07021	NKPI-07013	NKPI-07029	Condition Type 2 Diabetes <sup>1</sup>
Age 45-54 years	NKPI-07006	NKPI-07022	NKPI-07014	NKPI-07030	Condition Type 2 Diabetes <sup>1</sup>
Age 55-64 years	NKPI-07007	NKPI-07023	NKPI-07015	NKPI-07031	Condition Type 2 Diabetes <sup>1</sup>
Age 65+ years	NKPI-07008	NKPI-07024	NKPI-07016	NKPI-07032	Condition Type 2 Diabetes <sup>1</sup>

<sup>1</sup>Type 2 Diabetes includes the following term names within Past History: Diabetes Mellitus, NIDDM; Diabetes Mellitus, Type 2; NIDDM; Non insulin dependent Diabetes Mellitus; Type 2 Diabetes Mellitus

#### 4.8. NKPI-09 – Clients with a smoking status recorded

The NKPI-09 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-09 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander*, *Torres Strait Islander but not Aboriginal* or *Both Aboriginal and Torres Strait Islander*, be aged within the range specified in the below tables for the measure and have the gender specified against the measure in the table below.

In order to appear in the numerator field, the patient must meet the criteria to appear in the denominator field, and have a **Smoking Status** recorded in the **Smoking** screen:

	Sex Male	Sex Female
Age 11-14 years	NKPI-09041	NKPI-09051
Age 15-24 years	NKPI-09001	NKPI-09007
Age 25-34 years	NKPI-09002	NKPI-09008
Age 35-44 years	NKPI-09003	NKPI-09009
Age 45-54 years	NKPI-09004	NKPI-09010
Age 55-64 years	NKPI-09005	NKPI-09011
Age 65+ years	NKPI-09006	NKPI-09012

## 4.9. NKPI-10 – Clients with a specified smoking status

The NKPI-10 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-10 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal* or *Both Aboriginal and Torres Strait Islander*, be aged within the range specified in the below tables for the measure, have the gender specified against the measure in the table below, and have a **Smoking Status** recorded in the **Smoking** screen:

In order to appear in the numerator field, the patient must meet the criteria to appear in the denominator field, and have the **smoking status** beside the measure in the table below:

	Sex Male	Sex Female	
Age 11-14 years	NKPI-10041	NKPI-10051	<b>Smoking Status</b> <i>Current smoker</i>
	NKPI-10042	NKPI-10052	<b>Smoking Status</b> <i>Ex smoker</i>
	NKPI-10043	NKPI-10053	<b>Smoking Status</b> <i>Non smoker</i>
Age 15-24 years	NKPI-10001	NKPI-10019	<b>Smoking Status</b> <i>Current smoker</i>
	NKPI-10007	NKPI-10025	<b>Smoking Status</b> <i>Ex smoker</i>
	NKPI-10013	NKPI-10031	<b>Smoking Status</b> <i>Non smoker</i>
Age 25-34 years	NKPI-10002	NKPI-10020	<b>Smoking Status</b> <i>Current smoker</i>
	NKPI-10008	NKPI-10026	<b>Smoking Status</b> <i>Ex smoker</i>
	NKPI-10014	NKPI-10032	<b>Smoking Status</b> <i>Non smoker</i>
Age 35-44 years	NKPI-10003	NKPI-10021	<b>Smoking Status</b> <i>Current smoker</i>
	NKPI-10009	NKPI-10027	<b>Smoking Status</b> <i>Ex smoker</i>
	NKPI-10015	NKPI-10033	<b>Smoking Status</b> <i>Non smoker</i>
Age 45-54 years	NKPI-10004	NKPI-10022	<b>Smoking Status</b> <i>Current smoker</i>
	NKPI-10010	NKPI-10028	<b>Smoking Status</b> <i>Ex smoker</i>

	NKPI-10016	NKPI-10034	<b>Smoking Status</b> <i>Non smoker</i>
<b>Age 55-64 years</b>	NKPI-10005	NKPI-10023	<b>Smoking Status</b> <i>Current smoker</i>
	NKPI-10011	NKPI-10029	<b>Smoking Status</b> <i>Ex smoker</i>
	NKPI-10017	NKPI-10035	<b>Smoking Status</b> <i>Non smoker</i>
	NKPI-10006	NKPI-10024	<b>Smoking Status</b> <i>Current smoker</i>
<b>Age 65+ years</b>	NKPI-10012	NKPI-10030	<b>Smoking Status</b> <i>Ex smoker</i>
	NKPI-10018	NKPI-10036	<b>Smoking Status</b> <i>Non smoker</i>

#### 4.10. NKPI-11 – Smoking status of regular clients who gave birth within the previous 12 months with smoking status recorded during pregnancy

The NKPI-11 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-11 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*, be aged within the range specified in the below tables for the measure, have a **Smoking Status** recorded in the **Smoking** screen, and have a **Birth** recorded within the previous 12 months:

**Family & Social History**

**Current Smoking History**

☐ Non smoker    ☐ Ex smoker    ☐ Smoker

Year started:

**Past Smoking History**

☐ Light    ☐ Moderate    ☐ Heavy

Year started:     Year stopped:

Details:

Save    Cancel

Mrs. Madeline Jane Abbott

File Open Request Clinical View Utilities My Health Record Help

Name: Madeline Abbott D.O.B.: 14/02/1978 Age: 40 yrs Sex: Female 0m 12s Finalise visit

Address: 12 John St Albany Creek 4035 Phone: 07 50505050 Mobile: 09789751131 Work:

Medicare No: 4133180467-2 12/08 Record No.: 102 Pension No.: Comment:

Occupation: Tobacco: Alcohol: Elite sports: Ethnicity:

Blood Group: BreastFeeding: Parity: G2P2 Pregnant: No Advance Health Directive:

Allergies / Adverse Drug Reactions: Reactions: Notifications: Fact Sheets Preventive Health Actions Reminders

Item	Reaction	Severity	Type	Due	Reason
Not recorded			Reminder due	20/05/2011	Fluvax Immunisation
			Reminder due	21/11/2011	Care plan
			Outstanding requests	06/05/2004	There are 3 outstanding requests for this patient!
			Preventive health	23/02/2018	There are no recorded pap smears within the last 2 years!
			Preventive health	23/02/2018	A smoking history should be recorded!

Expand Collapse Add Edit Delete Print Past pregnancy

Pregnancies:

No.	LMP	Ended	Weeks	Outcome	Deliv
1	21/05/2003	25/02/2004	39	Live birth	Norm

Pregnancy details:

Stage 1: 8 hrs  
Stage 2: 1hr  
Stage 3: 7 min  
Feeding: Breast  
Other notes: suture 4/0 Dexon  
Outcome: Normal vaginal delivery

Antenatal visits:

Date	Weight	BP	Urine	Oedema	Calc. size	Clin. size	Fundus	FH	Notes
09/07/2003	55.0	125/85	NAD	Nil	6	6	0		
09/08/2003	58.0	120/78	NAD	Nil	10	10	0		Nausea ++
06/09/2003	59.8	130/82	NAD	Nil	14	14	10		
30/09/2003	60.5	132/85	NAD	Nil	18	20	12	160	
12/11/2003	60.9	135/88	NAD	Nil	24	25	14	158	
13/12/2003	61.2	135/90	nad		28	28	19	146	
27/12/2003	63.0	132/85	TRACE PROT...	+	30	30	23	148	
10/01/2004	64.5	138/88	+ PROTEIN	+	32	32	25	140	
25/01/2004	67.0	140/90	TRACE PROT...	+	34	34	28	146	Presentation: Breech
07/02/2004	68.2	135/88	TRACE PROT...	+	36	36	36	138	Presentation: Breech
21/02/2004	69.3	132/75	TRACE PROT...		38	39	34	134	Presentation: Transverse

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In order to appear in the numerator field, the patient must meet the criteria to appear in the denominator field, and have the **smoking status** beside the measure in the table below:

	Smoking Status <i>Current Smoker</i>	Smoking Status <i>Ex Smoker</i>	Smoking Status <i>Non smoker</i>
<b>Age less than 20 years</b>	NKPI-11021	NKPI-11023	NKPI-11025
<b>Age 20-34 years</b>	NKPI-11022	NKPI-11024	NKPI-11026
<b>Age 35+ years</b>	NKPI-11004	NKPI-11008	NKPI-11012

#### 4.11. NKPI-12 – Proportion of Indigenous Regular Clients who have a BMI result within specified categories

The NKPI-12 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-12 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*, be aged within the range specified in the below tables for the measure, have the gender specified against the measure in the table below and have had a **BMI** recorded within the previous 24 months:

In order to appear in the numerator for this measure, the patient must meet all requirements for the denominator, and additionally their most recently recorded **BMI** must fall within the range specified in the table below:

	Sex Male	Sex Female	
Age 18-24 years	NKPI-12021	NKPI-12027	<b>BMI</b> <18.5 (Underweight)
	NKPI-12033	NKPI-12039	<b>BMI</b> >= 18.5 - <25 (Normal weight)
	NKPI-12045	NKPI-12051	<b>BMI</b> >= 25 - <30 (Overweight)
	NKPI-12057	NKPI-12063	<b>BMI</b> >= 30 (Obese)
	NKPI-12069	NKPI-12075	<b>BMI</b> (Not calculated)
Age 25-34 years	NKPI-12022	NKPI-12028	<b>BMI</b> <18.5 (Underweight)
	NKPI-12034	NKPI-12040	<b>BMI</b> >= 18.5 - <25 (Normal weight)
	NKPI-12046	NKPI-12052	<b>BMI</b> >= 25 - <30 (Overweight)
	NKPI-12058	NKPI-12064	<b>BMI</b> >= 30 (Obese)
	NKPI-12070	NKPI-12076	<b>BMI</b> (Not calculated)
Age 35-44 years	NKPI-12023	NKPI-12029	<b>BMI</b> <18.5 (Underweight)
	NKPI-12035	NKPI-12041	<b>BMI</b> >= 18.5 - <25 (Normal weight)
	NKPI-12047	NKPI-12053	<b>BMI</b> >= 25 - <30 (Overweight)
	NKPI-12059	NKPI-12065	<b>BMI</b> >= 30 (Obese)
	NKPI-12071	NKPI-12077	<b>BMI</b> (Not calculated)
Age 45-54 years	NKPI-12024	NKPI-12030	<b>BMI</b> <18.5 (Underweight)
	NKPI-12036	NKPI-12042	<b>BMI</b> >= 18.5 - <25 (Normal weight)
	NKPI-12048	NKPI-12054	<b>BMI</b> >= 25 - <30 (Overweight)
	NKPI-12060	NKPI-12066	<b>BMI</b> >= 30 (Obese)
	NKPI-12072	NKPI-12078	<b>BMI</b> (Not calculated)
Age 55-64 years	NKPI-12025	NKPI-12031	<b>BMI</b> <18.5 (Underweight)
	NKPI-12037	NKPI-12043	<b>BMI</b> >= 18.5 - <25 (Normal weight)

	NKPI-12049	NKPI-12055	<b>BMI</b> $\geq 25$ - $<30$ ( <i>Overweight</i> )
	NKPI-12061	NKPI-12067	<b>BMI</b> $\geq 30$ ( <i>Obese</i> )
	NKPI-12073	NKPI-12079	<b>BMI</b> (Not calculated)
<b>Age 65+ years</b>	NKPI-12026	NKPI-12032	<b>BMI</b> $<18.5$ ( <i>Underweight</i> )
	NKPI-12038	NKPI-12044	<b>BMI</b> $\geq 18.5$ - $<25$ ( <i>Normal weight</i> )
	NKPI-12050	NKPI-12056	<b>BMI</b> $\geq 25$ - $<30$ ( <i>Overweight</i> )
	NKPI-12062	NKPI-12068	<b>BMI</b> $\geq 30$ ( <i>Obese</i> )
	NKPI-12074	NKPI-12080	<b>BMI</b> (Not calculated)

## 4.12. NKPI-13 – Proportion of regular clients who gave birth within the previous 12 months who had their first antenatal visit within specified periods

The NKPI-13 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-13 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*, be aged within the range specified in the below tables for the measure, and have a **Birth** recorded within the previous 12 months.

In order to appear in the numerator for this measure, the patient must meet the criteria to appear in the denominator, as well as having had **gestational age** recorded for their first **Antenatal Visit** within the range specified in the below table:

The screenshot displays the Bp Premier software interface for a patient named Mrs. Madeline Jane Abbott. The interface includes a menu bar (File, Open, Request, Clinical, View, Utilities, My Health Record, Help) and a toolbar with various icons. The patient's details are shown at the top, including Name, Address, D.O.B., Age, Sex, and Contact Information. Below this, there are sections for Allergies, Reactions, and Notifications. The 'Antenatal visits' table is highlighted with a red box, showing columns for Date, Weight, BP, Urine, Oedema, Calc. size, Clin. size, Fundus, FH, and Notes. The 'Pregnancies' table is also visible, showing details for pregnancy 1.

No.	LMP	Ended	Weeks	Outcome	Deliv	Notes
1	21/05/2003	25/02/2004	39	Live birth	Norm	Stage 1: 8 hrs Stage 2: 1hr Stage 3: 7 min Feeding: Breast Other notes: suture 4/0 Dexon Outcome: Normal vaginal delivery

Date	Weight	BP	Urine	Oedema	Calc. size	Clin. size	Fundus	FH	Notes
09/07/2003	55.0	125/85	NAD	Nil	6	6	0		
09/08/2003	58.0	120/78	NAD	Nil	10	10	0		Nausea ++
06/09/2003	59.8	130/82	NAD	Nil	14	14	10		
30/09/2003	60.5	132/85	NAD	Nil	18	20	12	160	
12/11/2003	60.9	135/88	NAD	Nil	24	25	14	158	
13/12/2003	61.2	135/90	nad		28	28	19	146	
27/12/2003	63.0	132/85	TRACE PROT...	+	30	30	23	148	
10/01/2004	64.5	138/88	+ PROTEIN	+	32	32	25	140	
25/01/2004	67.0	140/90	TRACE PROT...	+	34	34	28	146	Presentation: Breech
07/02/2004	68.2	135/88	TRACE PROT...	+	36	36	36	138	Presentation: Breech
21/02/2004	69.3	132/75	TRACE PROT...		38	39	34	134	Presentation: Transverse

	Weeks <11 weeks	Weeks ≥11/40 – <14/40	Weeks ≥14/40 – <20/40	Weeks ≥20/40	No gestational age recorded	No antenatal visit recorded
Age <20 years	NKPI-13021	NKPI-13024	NKPI-13027	NKPI-13007	NKPI-13010	NKPI-13013
Age 20- <35 years	NKPI-13022	NKPI-13025	NKPI-13028	NKPI-13008	NKPI-13011	NKPI-13014
Age 35+ years	NKPI-13023	NKPI-13026	NKPI-13029	NKPI-13009	NKPI-13012	NKPI-13015

#### 4.13. NKPI-14 – Clients immunised against Influenza

The NKPI-14 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-14 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*, have a gender matching that specified in the below table and have an age range matching that specified in the below table.

In order to appear in the numerator for this measure, the patient must meet the criteria to appear in the denominator, as well as having had an **Immunisation** recorded within the previous 12 months protecting them against the *Influenza* disease:

The screenshot shows the Bp Premier software interface for a patient named Mrs. Madeline Jane Abbott. The interface includes a menu bar (File, Open, Request, Clinical, View, Utilities, My Health Record, Help) and a toolbar with various icons. The patient's details are displayed in a form, including Name, Address, Medicare No., and various medical history fields. A table of notifications is visible, showing reminders for immunisation and preventive health. A red box highlights the 'Diseases' column in the table, specifically the entry for 'Influenza'.

	Sex Male	Sex Female
Age 6 months – 4 years	NKPI-14010	NKPI-14020
Age 5-14 years	NKPI-14011	NKPI-14021
Age 15-24 years	NKPI-14012	NKPI-14022
Age 25-34 years	NKPI-14013	NKPI-14023
Age 35-44 years	NKPI-14014	NKPI-14024
Age 45-54 years	NKPI-14015	NKPI-14025
Age 55-64 years	NKPI-14016	NKPI-14026
Age 65+ years	NKPI-14017	NKPI-14027

#### 4.14. NKPI-16 – Clients who have had their alcohol consumption status recorded within the past 24 months

The NKPI-16 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-16 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*, be **aged** within the range specified in the below table for the measure and have the **sex** specified against the measure in the table below.

In order to appear in the numerator for a measure in this element, the patient must meet all criteria to appear in the denominator, and have either the **non-drinker** checkbox selected or the **days per week** and/or **standard drinks per day** fields filled out. Additionally, the patient's **alcohol history** must have been updated within the past 24 months – if there is no change to the patient's drinking status or amount, it is suggested that the Description or Comment field be updated indicating that the patient was asked about their alcohol status and no change was indicated.

	Sex Male	Sex Female
Age 15-24 years	NKPI-16001	NKPI-16007
Age 25-34 years	NKPI-16002	NKPI-16008
Age 35-44 years	NKPI-16003	NKPI-16009
Age 45-54 years	NKPI-16004	NKPI-16010
Age 55-64 years	NKPI-16005	NKPI-16011
Age 65+ years	NKPI-16006	NKPI-16012

#### 4.15. NKPI-18 - Clients with a given condition with a given result type recorded

The NKPI-18 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-18 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*, be **aged** within the range specified in the below table for the measure and have the **sex** specified against the measure in the table below and have a **Test Name** for eGFR or ACR. They must also have had the **Condition** indicated in the table's heading recorded against their **Past History**.

Mr. Test Patient

File Open Request Clinical View Utilities My Health Record Help

Name: Test Patient D.O.B.: / / Age: Sex: Male 32m 15s Finalise visit

Address: 1 Test St Bundaberg 4670 Phone: Mobile: Work:

Medicare No.: Record No.: 54 Pension No.: Comment: Elite sports: Ethnicity:

Occupation: Tobacco: Alcohol: Advance Health Directive:

Blood Group: Allergies / Adverse Drug Reactions: Reactions: Notifications: Fact Sheets Preventive Health Actions Reminders

Item Reaction Severity

Not recorded

Type Due Reason

Preventive health 22/02/2018 A Diabetes Review was due on 25/08/2017

Expand Collapse Add Edit Delete Print

Active problems: ☐ No significant PMH

Date	Condition	Severity	Description	Summary	Confidential	My Health Record	Details
23/05/2017	Diabetes Mellitus, Type 2			Yes	No	No	

Inactive problems:

Date	Condition	Severity	Description	Summary	Confidential	My Health Record	Details
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In order to appear in the numerator for this measure, the patient must meet all criteria required to appear in the denominator, and additionally must have results for the test specified in the table below recorded within the previous 12 months. Results for these tests can be found in the **Atomised Values** section of the **Investigation Reports** screen:

Mrs. Madeline Jane Abbott - Atomised result values						
	17/02/2010	29/06/2010	17/03/2011	26/08/2011	25/05/2017	
Albumin/Creat ratio				7.6		
Bicarbonate			19			
Chloride			104			
Cholesterol				4.5	56	
Cholesterol/HDL Ratio				4.5		
Creat Rand Ur				4.5		
Creatinine			48			
Glucose Random				7.0		
Hb A1c				6.3		
HbA1c (SI)				45	655	
HDL Cholesterol				1.0		
INR		5.0				
LDL Cholesterol				3.0		
PoQLDsium			5.4			
Quantitative hCG	2003					
Sodium			137			
Triglyceride				1.0		
Urea			3.9			
Urine Albumin				34		

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#### 4.15.1. Type 2 Diabetes<sup>1</sup>

	Sex Male	Sex Female	
Age 18-24 years	NKPI-18183	NKPI-18187	eGFR Result Only
	NKPI-18184	NKPI-18188	ACR Result Only
	NKPI-18185	NKPI-18189	eGFR and ACR Result
	NKPI-18186	NKPI-18190	Neither an eGFR or ACR Result
Age 25-34 years	NKPI-18002	NKPI-18026	eGFR Result Only
	NKPI-18008	NKPI-18032	ACR Result Only
	NKPI-18014	NKPI-18038	eGFR and ACR Result
	NKPI-18059	NKPI-18066	Neither an eGFR or ACR Result
Age 35-44 years	NKPI-18003	NKPI-18027	eGFR Result Only
	NKPI-18009	NKPI-18033	ACR Result Only
	NKPI-18015	NKPI-18039	eGFR and ACR Result
	NKPI-18060	NKPI-18067	Neither an eGFR or ACR Result
Age 45-54 years	NKPI-18004	NKPI-18028	eGFR Result Only
	NKPI-18010	NKPI-18034	ACR Result Only
	NKPI-18016	NKPI-18040	eGFR and ACR Result
	NKPI-18061	NKPI-18068	Neither an eGFR or ACR Result
Age 55-64 years	NKPI-18005	NKPI-18029	eGFR Result Only
	NKPI-18011	NKPI-18035	ACR Result Only
	NKPI-18017	NKPI-18041	eGFR and ACR Result
	NKPI-18062	NKPI-18069	Neither an eGFR or ACR Result
Age 65+ years	NKPI-18006	NKPI-18030	eGFR Result Only
	NKPI-18012	NKPI-18036	ACR Result Only
	NKPI-18018	NKPI-18042	eGFR and ACR Result
	NKPI-18063	NKPI-18070	Neither an eGFR or ACR Result

#### 4.15.2. Cardiovascular Disease<sup>2</sup>

	Sex Male	Sex Female	
Age 18-24 years	NKPI-18191	NKPI-18195	eGFR Result Only
	NKPI-18192	NKPI-18196	ACR Result Only
	NKPI-18193	NKPI-18197	eGFR and ACR Result

	NKPI-18194	NKPI-18198	Neither an eGFR or ACR Result
<b>Age 25-34 years</b>	NKPI-18073	NKPI-18101	eGFR Result Only
	NKPI-18080	NKPI-18108	ACR Result Only
	NKPI-18087	NKPI-18115	eGFR and ACR Result
	NKPI-18094	NKPI-18122	Neither an eGFR or ACR Result
<b>Age 35-44 years</b>	NKPI-18074	NKPI-18102	eGFR Result Only
	NKPI-18081	NKPI-18109	ACR Result Only
	NKPI-18088	NKPI-18116	eGFR and ACR Result
	NKPI-18095	NKPI-18123	Neither an eGFR or ACR Result
<b>Age 45-54 years</b>	NKPI-18075	NKPI-18103	eGFR Result Only
	NKPI-18082	NKPI-18110	ACR Result Only
	NKPI-18089	NKPI-18117	eGFR and ACR Result
	NKPI-18096	NKPI-18124	Neither an eGFR or ACR Result
<b>Age 55-64 years</b>	NKPI-18076	NKPI-18104	eGFR Result Only
	NKPI-18083	NKPI-18111	ACR Result Only
	NKPI-18090	NKPI-18118	eGFR and ACR Result
	NKPI-18097	NKPI-18125	Neither an eGFR or ACR Result
<b>Age 65+ years</b>	NKPI-18077	NKPI-18105	eGFR Result Only
	NKPI-18084	NKPI-18112	ACR Result Only
	NKPI-18091	NKPI-18119	eGFR and ACR Result
	NKPI-18098	NKPI-18126	Neither an eGFR or ACR Result

#### 4.15.3. Type 2 Diabetes and/or Cardiovascular Disease<sup>1 & 2</sup>

	<b>Sex Male</b>	<b>Sex Female</b>	
<b>Age 18-24 years</b>	NKPI-18199	NKPI-18203	eGFR Result Only
	NKPI-18200	NKPI-18204	ACR Result Only
	NKPI-18201	NKPI-18205	eGFR and ACR Result
	NKPI-18202	NKPI-18206	Neither an eGFR or ACR Result
<b>Age 25-34 years</b>	NKPI-18129	NKPI-18157	eGFR Result Only
	NKPI-18136	NKPI-18164	ACR Result Only
	NKPI-18143	NKPI-18171	eGFR and ACR Result
	NKPI-18150	NKPI-18178	Neither an eGFR or ACR Result
<b>Age 35-44 years</b>	NKPI-18130	NKPI-18158	eGFR Result Only
	NKPI-18137	NKPI-18165	ACR Result Only
	NKPI-18144	NKPI-18172	eGFR and ACR Result
	NKPI-18151	NKPI-18179	Neither an eGFR or ACR Result
<b>Age 45-54 years</b>	NKPI-18131	NKPI-18159	eGFR Result Only
	NKPI-18138	NKPI-18166	ACR Result Only
	NKPI-18145	NKPI-18173	eGFR and ACR Result
	NKPI-18152	NKPI-18180	Neither an eGFR or ACR Result
<b>Age 55-64 years</b>	NKPI-18132	NKPI-18160	eGFR Result Only
	NKPI-18139	NKPI-18167	ACR Result Only
	NKPI-18146	NKPI-18174	eGFR and ACR Result
	NKPI-18153	NKPI-18181	Neither an eGFR or ACR Result
<b>Age 65+ years</b>	NKPI-18133	NKPI-18161	eGFR Result Only
	NKPI-18140	NKPI-18168	ACR Result Only
	NKPI-18147	NKPI-18175	eGFR and ACR Result
	NKPI-18154	NKPI-18182	Neither an eGFR or ACR Result

#### eGFR LOINC Codes for Test Names:

33914-3, 62238-1, 50210-4, 98979-8

#### ACR LOINC Codes for Test Names:

9318-7, 14959-1, 30000-4, 32294-1, 30001-2

## ACR Text Strings for Test Names:

Alb/Cre

<sup>1</sup>Type 2 Diabetes includes the following term names within Past History: Diabetes Mellitus, NIDDM; Diabetes Mellitus, Type 2; NIDDM; Non insulin dependent Diabetes Mellitus; Type 2 Diabetes Mellitus

<sup>2</sup>Cardiovascular Disease includes the following term names within Past History: Abnormal heart chamber dimensions; Accessory atrioventricular pathways; Acute cardiac failure; Acute coronary insufficiency; Acute heart failure; Acute myocardial infarction; AF; Alcoholic cardiomyopathy; AMI; Amyloid cardiomyopathy; Angina pectoris; Angina, unstable; Angina; Angioplasty, coronary; Anterior myocardial infarct; Anterolateral myocardial infarct; Arrhythmia, atrial fibrillation; Arrhythmia, atrial flutter; Arrhythmia, bradycardia; Arrhythmia, nodal tachycardia; Arrhythmia, SVT; Arrhythmia, tachycardia; Arrhythmia, ventricular fibrillation; Arrhythmia, ventricular tachycardia; Atrial fibrillation; Atrial flutter; Atrial tachycardia; Atrio-Ventricular Block; Autosomal recessive long QT syndrome; AV Block; Balloon coronary angioplasty; Bigeminy; Biventricular heart failure; Bradyarrhythmia; Bradycardia; Broken heart syndrome; CABG; Cardiac bradyarrhythmia; Cardiac failure, acute; Cardiac failure; Cardioauditory syndrome; Cardiocutaneous syndrome; Cardiofaciocutaneous syndrome; Cardiogenic shock; Cardiomegaly; Cardiomyopathic lentiginosis; Cardiomyopathy, alcoholic; Cardiomyopathy, amyloid; Cardiomyopathy, congenital; Cardiomyopathy, congestive; Cardiomyopathy, dilated; Cardiomyopathy, haemochromatosis; Cardiomyopathy, hypertensive; Cardiomyopathy, hypertrophic; Cardiomyopathy, idiopathic; Cardiomyopathy, ischaemic; Cardiomyopathy, peripartum; Cardiomyopathy, restrictive; Cardiomyopathy, selenium deficiency; Cardiomyopathy; Cardiovascular disease; Cardioversion - failed; Cardioversion, elective; Cardioversion; Care plan, chronic heart disease; CCF; Chronic heart disease care plan review; Chronic heart disease care plan; Collapse; Complete heart block; Congenital cardiomyopathy; Congenital heart block; Congenital heart defect; Congenital heart disease; Congestive cardiac failure; Congestive cardiomyopathy; Congestive heart failure; Cor pulmonale; Cor Triatriatum; Coronary angioplasty with stent; Coronary angioplasty; Coronary artery bypass graft; Coronary artery disease; Coronary artery endarterectomy; Coronary artery spasm; Coronary artery stent; Coronary endarterectomy; Coronary heart disease; Coronary insufficiency; Coronary occlusion; Cyanotic heart disease; Diastolic cardiac dysfunction; Diastolic heart failure; Dilated cardiomyopathy; Dressler's syndrome; Ectopics, ventricular; Elective cardioversion; Fibrillation, atrial; Fibrillation, ventricular; First degree heart block; Haemochromatosis cardiomyopathy; Heart attack; Heart block, congenital; Heart block, first degree; Heart block, second degree; Heart block, third degree; Heart block; Heart disease, valvular; Heart disease; Heart enlarged; Heart failure - mid range ejection fraction; Heart failure - preserved ejection fraction; Heart failure - reduced ejection fraction; Heart failure, acute; Heart failure, high output; Heart failure, left; Heart failure; Heart sounds - Split; Heart sounds - Triple rhythm; Heart surgery; Heart transplant; Heart valve replacement; HFmrEF; HFpEF; HFrEF; High output cardiac failure; High output heart failure; Hypertensive cardiomyopathy; Hypertensive heart disease; Hypertensive heart failure; Hypertrophic cardiomyopathy; Hypoplastic left heart syndrome; Idiopathic cardiomyopathy; IHD; Inferior myocardial infarction; Intraventricular Block; Intraventricular Heart Block; Ischaemic cardiomyopathy; Ischaemic heart disease; Jervell and Lange-Nielsen syndrome; Keshan disease; Left heart failure; Left Ventricular Failure; LEOPARD syndrome; LHF; LVF; MI; Mobitz type 1 A-V Block; Mobitz type 2 A-V Block; Multiple lentiginosis syndrome; Myocardial infarction, anterior; Myocardial infarction, anterolateral; Myocardial infarction, inferior; Myocardial infarction, Non STEMI; Myocardial infarction, posterior; Myocardial infarction, STEMI; Myocardial infarction, subendocardial; Myocardial infarction, superior; Myocardial infarction; Neurocardiogenic syncope; Nodal tachycardia; Non ST elevation myocardial infarction; NSTEMI; Occlusion, Coronary artery; Open heart surgery; Organic Heart Disease; PCTA; Percutaneous transluminal angioplasty; Percutaneous transluminal coronary angioplasty; Peripartum cardiomyopathy; Post streptococcal heart disease; Post streptococcal valve disease; Postcardiotomy syndrome; Posterior myocardial infarct; Postmyocardial infarction syndrome; Postpericardiotomy syndrome; Preexcitation syndrome; Preinfarction syndrome; Premature ventricular contractions; Prinzmetal angina; Progressive cardiomyopathic lentiginosis; Prosthetic heart valve endocarditis; Prosthetic heart valve; Rapid AF; Rapid atrial fibrillation; Rapid pulse; Restrictive cardiomyopathy; Rheumatic heart disease; Rheumatic myocarditis; Rheumatic pancarditis; Rheumatic valve disease; RHF; Right heart failure; Right ventricular failure; RVF; Second degree heart block; Shock, cardiogenic; Sick sinus syndrome; Sino-Atrial heart block; Sinus node dysfunction; Split heart sounds; ST elevation myocardial infarction; STEMI; Stent, coronary artery; Stress-induced cardiomyopathy; Subendocardial infarct; Subendocardial myocardial infarct; Superior myocardial infarct; Supraventricular tachycardia;

Surdocardiac syndrome; SVT; Syncope, vasovagal; Systolic cardiac dysfunction; Systolic heart failure; Tachycardia, nodal; Tachycardia, supraventricular; Tachycardia, ventricular; Tachycardia; Takotsubo cardiomyopathy; Third degree heart block; Transient apical ballooning; Transplant, heart; Triatrial heart; Triple rhythm heart sounds; Unstable angina; Valvular disease of heart; Valvular heart disease; Variant angina; Vasovagal attack; Vasovagal syncope; Ventricular bigeminy; Ventricular diastolic dysfunction; Ventricular ectopics; Ventricular extrasystoles; Ventricular fibrillation; Ventricular tachycardia; VF; VT; Wenkebach phenomenon; Wolff Parkinson White syndrome; WPW;

#### 4.16. NKPI-19 – Clients with a given condition whose test results fall within a given range

The NKPI-19 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-19 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*, be **aged** within the range specified in the below table for the measure and have the **sex** specified against the measure in the table below and have a **Test Name** for eGFR or ACR. They must also have had the **Condition** indicated in the table's heading recorded against their **Past History** and have the test indicated in stored in their **Atomised Results** page.

Mr. Test Patient

File Open Request Clinical View Utilities My Health Record Help

Name: Test Patient D.O.B.: // Age: Sex: Male 32m 15s Finalise visit

Address: 1 Test St Bundaberg 4670 Phone: Mobile: Work:

Medicare No.: Record No.: 54 Pension No.: Comment:

Occupation: Tobacco: Alcohol: Elite sports: Ethnicity:

Blood Group: Advance Health Directive:

Allergies / Adverse Drug Reactions: Reactions Notifications: Fact Sheets Preventive Health Actions Reminders

Item	Reaction	Severity	Type	Due	Reason
Not recorded			Preventive health	22/02/2018	A Diabetes Review was due on 25/08/2017

Expand Collapse Add Edit Delete Print

Active problems: ☐ No significant PMH

Date	Condition	Severity	Description	Summary	Confidential	My Health Record	Details
23/05/2017	Diabetes Mellitus, Type 2			Yes	No	No	

Inactive problems:

Date	Condition	Severity	Description	Summary	Confidential	My Health Record	Details
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Mrs. Madeline Jane Abbott - Atomised result values						
	17/02/2010	29/06/2010	17/03/2011	26/08/2011	25/05/2017	
Albumin/Creat ratio				7.6		
Bicarbonate			19			
Chloride			104			
Cholesterol				4.5	56	
Cholesterol/HDL Ratio				4.5		
Creat Rand Ur				4.5		
Creatinine			48			
Glucose Random				7.0		
Hb A1c				6.3		
HbA1c (SI)				45	655	
HDL Cholesterol				1.0		
INR		5.0				
LDL Cholesterol				3.0		
PoQLDsium			5.4			
Quantitative hCG	2003					
Sodium			137			
Triglyceride				1.0		
Urea			3.9			
Urine Albumin				34		

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In order to appear in the numerator for this measure, the patient must meet all criteria required to appear in the denominator, and additionally their most recent result for the given test must have the result range specified in the tables below for the given test.

#### 4.16.1. Type 2 Diabetes<sup>1</sup>

	Sex Male	Sex Female	
Age 18-24 years	NKPI-19433		eGFR Result $\geq 60$ and ACR Result $< 2.5$
		NKPI-19437	eGFR Result $\geq 60$ and ACR Result $< 3.5$
	NKPI-19434		eGFR Result $\geq 45 - < 60$ and ACR Result $< 2.5$ OR eGFR Result $\geq 60$ and ACR Result $\geq 2.5 - \leq 25$
		NKPI-19438	eGFR Result $\geq 45 - < 60$ and ACR Result $< 3.5$ OR eGFR Result $\geq 60$ and ACR $\geq 3.5 - \leq 35$
	NKPI-19435		eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 2.5 - \leq 25$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 25$
		NKPI-19439	eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 3.5 - \leq 35$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 35$
	NKPI-19436		eGFR Result $\geq 30$ and ACR Result $> 25$ OR eGFR Result $< 30$ and any ACR Result
		NKPI-19440	eGFR Result $\geq 30$ and ACR Result $> 35$ OR eGFR Result $< 30$ and any ACR Result
Age 25-34 years	NKPI-19183		eGFR Result $\geq 60$ and ACR Result $< 2.5$
		NKPI-19225	eGFR Result $\geq 60$ and ACR Result $< 3.5$
	NKPI-19190		eGFR Result $\geq 45 - < 60$ and ACR Result $< 2.5$ OR eGFR Result $\geq 60$ and ACR $\geq 2.5 - \leq 25$
		NKPI-19232	eGFR Result $\geq 45 - < 60$ and ACR Result $< 3.5$ OR eGFR Result $\geq 60$ and ACR $\geq 3.5 - \leq 35$
	NKPI-19197		eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 2.5 - \leq 25$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 25$
		NKPI-19239	eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 3.5 - \leq 35$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 35$
	NKPI-19204		eGFR Result $\geq 30$ and ACR Result $> 25$ OR eGFR Result $< 30$ and any ACR Result

		NKPI-19246	eGFR Result $\geq 30$ and ACR Result $> 35$ OR eGFR Result $< 30$ and any ACR Result
Age 35-44 years	NKPI-19184		eGFR Result $\geq 60$ and ACR Result $< 2.5$
		NKPI-19226	eGFR Result $\geq 60$ and ACR Result $< 3.5$
	NKPI-19191		eGFR Result $\geq 45 - < 60$ and ACR Result $< 2.5$ OR eGFR Result $\geq 60$ and ACR $\geq 2.5 - \leq 25$
		NKPI-19233	eGFR Result $\geq 45 - < 60$ and ACR Result $< 3.5$ OR eGFR Result $\geq 60$ and ACR $\geq 3.5 - \leq 35$
	NKPI-19198		eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 2.5 - \leq 25$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 25$
		NKPI-19240	eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 3.5 - \leq 35$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 35$
	NKPI-19205		eGFR Result $\geq 30$ and ACR Result $> 25$ OR eGFR Result $< 30$ and any ACR Result
		NKPI-19247	eGFR Result $\geq 30$ and ACR Result $> 35$ OR eGFR Result $< 30$ and any ACR Result
Age 45-54 years	NKPI-19185		eGFR Result $\geq 60$ and ACR Result $< 2.5$
		NKPI-19227	eGFR Result $\geq 60$ and ACR Result $< 3.5$
	NKPI-19192		eGFR Result $\geq 45 - < 60$ and ACR Result $< 2.5$ OR eGFR Result $\geq 60$ and ACR $\geq 2.5 - \leq 25$
		NKPI-19234	eGFR Result $\geq 45 - < 60$ and ACR Result $< 3.5$ OR eGFR Result $\geq 60$ and ACR $\geq 3.5 - \leq 35$
	NKPI-19199		eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 2.5 - \leq 25$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 25$
		NKPI-19241	eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 3.5 - \leq 35$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 35$
	NKPI-19206		eGFR Result $\geq 30$ and ACR Result $> 25$ OR eGFR Result $< 30$ and any ACR Result
		NKPI-19248	eGFR Result $\geq 30$ and ACR Result $> 35$ OR eGFR Result $< 30$ and any ACR Result
Age 55-64 years	NKPI-19186		eGFR Result $\geq 60$ and ACR Result $< 2.5$
		NKPI-19228	eGFR Result $\geq 60$ and ACR Result $< 3.5$
	NKPI-19193		eGFR Result $\geq 45 - < 60$ and ACR Result $< 2.5$ OR eGFR Result $\geq 60$ and ACR $\geq 2.5 - \leq 25$
		NKPI-19235	eGFR Result $\geq 45 - < 60$ and ACR Result $< 3.5$ OR eGFR Result $\geq 60$ and ACR $\geq 3.5 - \leq 35$
	NKPI-19200		eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 2.5 - \leq 25$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 25$
		NKPI-19242	eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 3.5 - \leq 35$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 35$
	NKPI-19207		eGFR Result $\geq 30$ and ACR Result $> 25$ OR eGFR Result $< 30$ and any ACR Result
		NKPI-19249	eGFR Result $\geq 30$ and ACR Result $> 35$ OR eGFR Result $< 30$ and any ACR Result
Age 65+ years	NKPI-19187		eGFR Result $\geq 60$ and ACR Result $< 2.5$
		NKPI-19229	eGFR Result $\geq 60$ and ACR Result $< 3.5$
	NKPI-19194		eGFR Result $\geq 45 - < 60$ and ACR Result $< 2.5$ OR eGFR Result $\geq 60$ and ACR $\geq 2.5 - \leq 25$
		NKPI-19236	eGFR Result $\geq 45 - < 60$ and ACR Result $< 3.5$ OR eGFR Result $\geq 60$ and ACR $\geq 3.5 - \leq 35$
	NKPI-19201		eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 2.5 - \leq 25$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 25$
		NKPI-19243	eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 3.5 - \leq 35$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 35$
	NKPI-19208		eGFR Result $\geq 30$ and ACR Result $> 25$ OR eGFR Result $< 30$ and any ACR Result
		NKPI-19250	eGFR Result $\geq 30$ and ACR Result $> 35$

			OR eGFR Result <30 and any ACR Result
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#### 4.16.2. Cardiovascular Disease<sup>2</sup>

	Sex Male	Sex Female	
Age 18-24 years	NKPI-19441		eGFR Result $\geq 60$ and ACR Result <2.5
		NKPI-19445	eGFR Result $\geq 60$ and ACR Result <3.5
	NKPI-19442		eGFR Result $\geq 45$ - <60 and ACR Result <2.5 OR eGFR Result $\geq 60$ and ACR $\geq 2.5$ - $\leq 25$
		NKPI-19446	eGFR Result $\geq 45$ - <60 and ACR Result <3.5 OR eGFR Result $\geq 60$ and ACR $\geq 3.5$ - $\leq 35$
	NKPI-19443		eGFR Result $\geq 45$ - <60 and ACR Result $\geq 2.5$ - $\leq 25$ OR eGFR Result $\geq 30$ - <45 and ACR Result <25
		NKPI-19447	eGFR Result $\geq 45$ - <60 and ACR Result $\geq 3.5$ - $\leq 35$ OR eGFR Result $\geq 30$ - <45 and ACR Result <35
	NKPI-19444		eGFR Result $\geq 30$ and ACR Result >25 OR eGFR Result <30 and any ACR Result
		NKPI-19448	eGFR Result $\geq 30$ and ACR Result >35 OR eGFR Result <30 and any ACR Result
Age 25-34 years	NKPI-19267		eGFR Result $\geq 60$ and ACR Result <2.5
		NKPI-19309	eGFR Result $\geq 60$ and ACR Result <3.5
	NKPI-19274		eGFR Result $\geq 45$ - <60 and ACR Result <2.5 OR eGFR Result $\geq 60$ and ACR $\geq 2.5$ - $\leq 25$
		NKPI-19316	eGFR Result $\geq 45$ - <60 and ACR Result <3.5 OR eGFR Result $\geq 60$ and ACR $\geq 3.5$ - $\leq 35$
	NKPI-19281		eGFR Result $\geq 45$ - <60 and ACR Result $\geq 2.5$ - $\leq 25$ OR eGFR Result $\geq 30$ - <45 and ACR Result <25
		NKPI-19323	eGFR Result $\geq 45$ - <60 and ACR Result $\geq 3.5$ - $\leq 35$ OR eGFR Result $\geq 30$ - <45 and ACR Result <35
	NKPI-19288		eGFR Result $\geq 30$ and ACR Result >25 OR eGFR Result <30 and any ACR Result
		NKPI-19330	eGFR Result $\geq 30$ and ACR Result >35 OR eGFR Result <30 and any ACR Result
Age 35-44 years	NKPI-19268		eGFR Result $\geq 60$ and ACR Result <2.5
		NKPI-19310	eGFR Result $\geq 60$ and ACR Result <3.5
	NKPI-19275		eGFR Result $\geq 45$ - <60 and ACR Result <2.5 OR eGFR Result $\geq 60$ and ACR $\geq 2.5$ - $\leq 25$
		NKPI-19317	eGFR Result $\geq 45$ - <60 and ACR Result <3.5 OR eGFR Result $\geq 60$ and ACR $\geq 3.5$ - $\leq 35$
	NKPI-19282		eGFR Result $\geq 45$ - <60 and ACR Result $\geq 2.5$ - $\leq 25$ OR eGFR Result $\geq 30$ - <45 and ACR Result <25
		NKPI-19324	eGFR Result $\geq 45$ - <60 and ACR Result $\geq 3.5$ - $\leq 35$ OR eGFR Result $\geq 30$ - <45 and ACR Result <35
	NKPI-19289		eGFR Result $\geq 30$ and ACR Result >25 OR eGFR Result <30 and any ACR Result
		NKPI-19331	eGFR Result $\geq 30$ and ACR Result >35 OR eGFR Result <30 and any ACR Result
Age 45-54 years	NKPI-19269		eGFR Result $\geq 60$ and ACR Result <2.5
		NKPI-19311	eGFR Result $\geq 60$ and ACR Result <3.5
	NKPI-19276		eGFR Result $\geq 45$ - <60 and ACR Result <2.5 OR eGFR Result $\geq 60$ and ACR $\geq 2.5$ - $\leq 25$
		NKPI-19318	eGFR Result $\geq 45$ - <60 and ACR Result <3.5 OR eGFR Result $\geq 60$ and ACR $\geq 3.5$ - $\leq 35$
	NKPI-19283		eGFR Result $\geq 45$ - <60 and ACR Result $\geq 2.5$ - $\leq 25$ OR eGFR Result $\geq 30$ - <45 and ACR Result <25
		NKPI-19325	eGFR Result $\geq 45$ - <60 and ACR Result $\geq 3.5$ - $\leq 35$ OR eGFR Result $\geq 30$ - <45 and ACR Result <35
	NKPI-19290		eGFR Result $\geq 30$ and ACR Result >25

			OR eGFR Result <30 and any ACR Result
		NKPI-19332	eGFR Result ≥30 and ACR Result >35 OR eGFR Result <30 and any ACR Result
Age 55-64 years	NKPI-19270		eGFR Result ≥60 and ACR Result <2.5
		NKPI-19312	eGFR Result ≥60 and ACR Result <3.5
	NKPI-19277		eGFR Result ≥45 - <60 and ACR Result <2.5 OR eGFR Result ≥60 and ACR ≥2.5 - ≤25
		NKPI-19319	eGFR Result ≥45 - <60 and ACR Result <3.5 OR eGFR Result ≥60 and ACR ≥3.5 - ≤35
	NKPI-19284		eGFR Result ≥45 - <60 and ACR Result ≥2.5 - ≤25 OR eGFR Result ≥30 - <45 and ACR Result <25
		NKPI-19326	eGFR Result ≥45 - <60 and ACR Result ≥3.5 - ≤35 OR eGFR Result ≥30 - <45 and ACR Result <35
	NKPI-19291		eGFR Result ≥30 and ACR Result >25 OR eGFR Result <30 and any ACR Result
		NKPI-19333	eGFR Result ≥30 and ACR Result >35 OR eGFR Result <30 and any ACR Result
Age 65+ years	NKPI-19271		eGFR Result ≥60 and ACR Result <2.5
		NKPI-19313	eGFR Result ≥60 and ACR Result <3.5
	NKPI-19278		eGFR Result ≥45 - <60 and ACR Result <2.5 OR eGFR Result ≥60 and ACR ≥2.5 - ≤25
		NKPI-19320	eGFR Result ≥45 - <60 and ACR Result <3.5 OR eGFR Result ≥60 and ACR ≥3.5 - ≤35
	NKPI-19285		eGFR Result ≥45 - <60 and ACR Result ≥2.5 - ≤25 OR eGFR Result ≥30 - <45 and ACR Result <25
		NKPI-19327	eGFR Result ≥45 - <60 and ACR Result ≥3.5 - ≤35 OR eGFR Result ≥30 - <45 and ACR Result <35
	NKPI-19292		eGFR Result ≥30 and ACR Result >25 OR eGFR Result <30 and any ACR Result
		NKPI-19334	eGFR Result ≥30 and ACR Result >35 OR eGFR Result <30 and any ACR Result

#### 4.16.3. Type 2 Diabetes and/or Cardiovascular Disease<sup>1 & 2</sup>

	Sex Male	Sex Female	
Age 18-24 years	NKPI-19449		eGFR Result ≥60 and ACR Result <2.5
		NKPI-19453	eGFR Result ≥60 and ACR Result <3.5
	NKPI-19450		eGFR Result ≥45 - <60 and ACR Result <2.5 OR eGFR Result ≥60 and ACR ≥2.5 - ≤25
		NKPI-19454	eGFR Result ≥45 - <60 and ACR Result <3.5 OR eGFR Result ≥60 and ACR ≥3.5 - ≤35
	NKPI-19451		eGFR Result ≥45 - <60 and ACR Result ≥2.5 - ≤25 OR eGFR Result ≥30 - <45 and ACR Result <25
		NKPI-19455	eGFR Result ≥45 - <60 and ACR Result ≥3.5 - ≤35 OR eGFR Result ≥30 - <45 and ACR Result <35
	NKPI-19452		eGFR Result ≥30 and ACR Result >25 OR eGFR Result <30 and any ACR Result
		NKPI-19456	eGFR Result ≥30 and ACR Result >35 OR eGFR Result <30 and any ACR Result
Age 25-34 years	NKPI-19351		eGFR Result ≥60 and ACR Result <2.5
		NKPI-19393	eGFR Result ≥60 and ACR Result <3.5
	NKPI-19358		eGFR Result ≥45 - <60 and ACR Result <2.5 OR eGFR Result ≥60 and ACR ≥2.5 - ≤25
		NKPI-19400	eGFR Result ≥45 - <60 and ACR Result <3.5 OR eGFR Result ≥60 and ACR ≥3.5 - ≤35
	NKPI-19365		eGFR Result ≥45 - <60 and ACR Result ≥2.5 - ≤25 OR eGFR Result ≥30 - <45 and ACR Result <25

		NKPI-19407	eGFR Result $\geq 45$ - $< 60$ and ACR Result $\geq 3.5$ - $\leq 35$ OR eGFR Result $\geq 30$ - $< 45$ and ACR Result $< 35$
	NKPI-19372		eGFR Result $\geq 30$ and ACR Result $> 25$ OR eGFR Result $< 30$ and any ACR Result
		NKPI-19414	eGFR Result $\geq 30$ and ACR Result $> 35$ OR eGFR Result $< 30$ and any ACR Result
Age 35-44 years	NKPI-19352		eGFR Result $\geq 60$ and ACR Result $< 2.5$
		NKPI-19394	eGFR Result $\geq 60$ and ACR Result $< 3.5$
	NKPI-19359		eGFR Result $\geq 45$ - $< 60$ and ACR Result $< 2.5$ OR eGFR Result $\geq 60$ and ACR $\geq 2.5$ - $\leq 25$
		NKPI-19401	eGFR Result $\geq 45$ - $< 60$ and ACR Result $< 3.5$ OR eGFR Result $\geq 60$ and ACR $\geq 3.5$ - $\leq 35$
	NKPI-19366		eGFR Result $\geq 45$ - $< 60$ and ACR Result $\geq 2.5$ - $\leq 25$ OR eGFR Result $\geq 30$ - $< 45$ and ACR Result $< 25$
		NKPI-19408	eGFR Result $\geq 45$ - $< 60$ and ACR Result $\geq 3.5$ - $\leq 35$ OR eGFR Result $\geq 30$ - $< 45$ and ACR Result $< 35$
	NKPI-19373		eGFR Result $\geq 30$ and ACR Result $> 25$ OR eGFR Result $< 30$ and any ACR Result
Age 45-54 years		NKPI-19415	eGFR Result $\geq 30$ and ACR Result $> 35$ OR eGFR Result $< 30$ and any ACR Result
	NKPI-19353		eGFR Result $\geq 60$ and ACR Result $< 2.5$
		NKPI-19395	eGFR Result $\geq 60$ and ACR Result $< 3.5$
	NKPI-19360		eGFR Result $\geq 45$ - $< 60$ and ACR Result $< 2.5$ OR eGFR Result $\geq 60$ and ACR $\geq 2.5$ - $\leq 25$
		NKPI-19402	eGFR Result $\geq 45$ - $< 60$ and ACR Result $< 3.5$ OR eGFR Result $\geq 60$ and ACR $\geq 3.5$ - $\leq 35$
	NKPI-19367		eGFR Result $\geq 45$ - $< 60$ and ACR Result $\geq 2.5$ - $\leq 25$ OR eGFR Result $\geq 30$ - $< 45$ and ACR Result $< 25$
		NKPI-19409	eGFR Result $\geq 45$ - $< 60$ and ACR Result $\geq 3.5$ - $\leq 35$ OR eGFR Result $\geq 30$ - $< 45$ and ACR Result $< 35$
Age 55-64 years	NKPI-19374		eGFR Result $\geq 30$ and ACR Result $> 25$ OR eGFR Result $< 30$ and any ACR Result
		NKPI-19416	eGFR Result $\geq 30$ and ACR Result $> 35$ OR eGFR Result $< 30$ and any ACR Result
	NKPI-19354		eGFR Result $\geq 60$ and ACR Result $< 2.5$
		NKPI-19396	eGFR Result $\geq 60$ and ACR Result $< 3.5$
	NKPI-19361		eGFR Result $\geq 45$ - $< 60$ and ACR Result $< 2.5$ OR eGFR Result $\geq 60$ and ACR $\geq 2.5$ - $\leq 25$
		NKPI-19403	eGFR Result $\geq 45$ - $< 60$ and ACR Result $< 3.5$ OR eGFR Result $\geq 60$ and ACR $\geq 3.5$ - $\leq 35$
	NKPI-19368		eGFR Result $\geq 45$ - $< 60$ and ACR Result $\geq 2.5$ - $\leq 25$ OR eGFR Result $\geq 30$ - $< 45$ and ACR Result $< 25$
Age 65+ years		NKPI-19410	eGFR Result $\geq 45$ - $< 60$ and ACR Result $\geq 3.5$ - $\leq 35$ OR eGFR Result $\geq 30$ - $< 45$ and ACR Result $< 35$
	NKPI-19375		eGFR Result $\geq 30$ and ACR Result $> 25$ OR eGFR Result $< 30$ and any ACR Result
		NKPI-19417	eGFR Result $\geq 30$ and ACR Result $> 35$ OR eGFR Result $< 30$ and any ACR Result
	NKPI-19355		eGFR Result $\geq 60$ and ACR Result $< 2.5$
		NKPI-19397	eGFR Result $\geq 60$ and ACR Result $< 3.5$
	NKPI-19362		eGFR Result $\geq 45$ - $< 60$ and ACR Result $< 2.5$ OR eGFR Result $\geq 60$ and ACR $\geq 2.5$ - $\leq 25$
		NKPI-19404	eGFR Result $\geq 45$ - $< 60$ and ACR Result $< 3.5$ OR eGFR Result $\geq 60$ and ACR $\geq 3.5$ - $\leq 35$
	NKPI-19369		eGFR Result $\geq 45$ - $< 60$ and ACR Result $\geq 2.5$ - $\leq 25$ OR eGFR Result $\geq 30$ - $< 45$ and ACR Result $< 25$

		NKPI-19411	<b>eGFR Result <math>\geq 45</math> - <math>&lt; 60</math> and ACR Result <math>\geq 3.5</math> - <math>\leq 35</math> OR eGFR Result <math>\geq 30</math> - <math>&lt; 45</math> and ACR Result <math>&lt; 35</math></b>
	NKPI-19376		<b>eGFR Result <math>\geq 30</math> and ACR Result <math>&gt; 25</math> OR eGFR Result <math>&lt; 30</math> and any ACR Result</b>
		NKPI-19418	<b>eGFR Result <math>\geq 30</math> and ACR Result <math>&gt; 35</math> OR eGFR Result <math>&lt; 30</math> and any ACR Result</b>

#### eGFR LOINC Codes for Test Names:

33914-3, 62238-1, 50210-4, 98979-8

#### ACR LOINC Codes for Test Names:

9318-7, 14959-1, 30000-4, 32294-1, 30001-2

#### ACR Text Strings for Test Names:

Alb/Cre

<sup>1</sup>Type 2 Diabetes includes the following term names within Past History: Diabetes Mellitus, NIDDM; Diabetes Mellitus, Type 2; NIDDM; Non insulin dependent Diabetes Mellitus; Type 2 Diabetes Mellitus

<sup>2</sup>Cardiovascular Disease includes the following term names within Past History: Abnormal heart chamber dimensions; Accessory atrioventricular pathways; Acute cardiac failure; Acute coronary insufficiency; Acute heart failure; Acute myocardial infarction; AF; Alcoholic cardiomyopathy; AML; Amyloid cardiomyopathy; Angina pectoris; Angina, unstable; Angina; Angioplasty, coronary; Anterior myocardial infarct; Anterolateral myocardial infarct; Arrhythmia, atrial fibrillation; Arrhythmia, atrial flutter; Arrhythmia, bradycardia; Arrhythmia, nodal tachycardia; Arrhythmia, SVT; Arrhythmia, tachycardia; Arrhythmia, ventricular fibrillation; Arrhythmia, ventricular tachycardia; Atrial fibrillation; Atrial flutter; Atrial tachycardia; Atrio-Ventricular Block; Autosomal recessive long QT syndrome; AV Block; Balloon coronary angioplasty; Bigeminy; Biventricular heart failure; Bradyarrhythmia; Bradycardia; Broken heart syndrome; CABG; Cardiac bradyarrhythmia; Cardiac failure, acute; Cardiac failure; Cardioauditory syndrome; Cardiocutaneous syndrome; Cardiofaciocutaneous syndrome; Cardiogenic shock; Cardiomegaly; Cardiomyopathic lentiginosis; Cardiomyopathy, alcoholic; Cardiomyopathy, amyloid; Cardiomyopathy, congenital; Cardiomyopathy, congestive; Cardiomyopathy, dilated; Cardiomyopathy, haemochromatosis; Cardiomyopathy, hypertensive; Cardiomyopathy, hypertrophic; Cardiomyopathy, idiopathic; Cardiomyopathy, ischaemic; Cardiomyopathy, peripartum; Cardiomyopathy, restrictive; Cardiomyopathy, selenium deficiency; Cardiomyopathy; Cardiovascular disease; Cardioversion - failed; Cardioversion, elective; Cardioversion; Care plan, chronic heart disease; CCF; Chronic heart disease care plan review; Chronic heart disease care plan; Collapse; Complete heart block; Congenital cardiomyopathy; Congenital heart block; Congenital heart defect; Congenital heart disease; Congestive cardiac failure; Congestive cardiomyopathy; Congestive heart failure; Cor pulmonale; Cor Triatriatum; Coronary angioplasty with stent; Coronary angioplasty; Coronary artery bypass graft; Coronary artery disease; Coronary artery endarterectomy; Coronary artery spasm; Coronary artery stent; Coronary endarterectomy; Coronary heart disease; Coronary insufficiency; Coronary occlusion; Cyanotic heart disease; Diastolic cardiac dysfunction; Diastolic heart failure; Dilated cardiomyopathy; Dressler's syndrome; Ectopics, ventricular; Elective cardioversion; Fibrillation, atrial; Fibrillation, ventricular; First degree heart block; Haemochromatosis cardiomyopathy; Heart attack; Heart block, congenital; Heart block, first degree; Heart block, second degree; Heart block, third degree; Heart block; Heart disease, valvular; Heart disease; Heart enlarged; Heart failure - mid range ejection fraction; Heart failure - preserved ejection fraction; Heart failure - reduced ejection fraction; Heart failure, acute; Heart failure, high output; Heart failure, left; Heart failure; Heart sounds - Split; Heart sounds - Triple rhythm; Heart surgery; Heart transplant; Heart valve replacement; HFmrEF; HFpEF; HFrEF; High output cardiac failure; High output heart failure; Hypertensive cardiomyopathy; Hypertensive heart disease; Hypertensive heart failure; Hypertrophic cardiomyopathy; Hypoplastic left heart syndrome; Idiopathic cardiomyopathy; IHD; Inferior myocardial infarction; Intraventricular Block; Intraventricular Heart Block; Ischaemic cardiomyopathy; Ischaemic heart disease; Jervell and Lange-Nielsen syndrome; Keshan disease; Left heart failure; Left Ventricular Failure; LEOPARD syndrome; LHF; LVF; MI; Mobitz type 1 A-V Block; Mobitz type 2 A-V Block; Multiple lentiginosis syndrome; Myocardial infarction, anterior; Myocardial infarction, anterolateral; Myocardial infarction,

inferior; Myocardial infarction, Non STEMI; Myocardial infarction, posterior; Myocardial infarction, STEMI; Myocardial infarction, subendocardial; Myocardial infarction, superior; Myocardial infarction; Neurocardiogenic syncope; Nodal tachycardia; Non ST elevation myocardial infarction; NSTEMI; Occlusion, Coronary artery; Open heart surgery; Organic Heart Disease; PCTA; Percutaneous transluminal angioplasty; Percutaneous transluminal coronary angioplasty; Peripartum cardiomyopathy; Post streptococcal heart disease; Post streptococcal valve disease; Postcardiotomy syndrome; Posterior myocardial infarct; Postmyocardial infarction syndrome; Postpericardiotomy syndrome; Preexcitation syndrome; Preinfarction syndrome; Premature ventricular contractions; Prinzmetal angina; Progressive cardiomyopathic lentiginosis; Prosthetic heart valve endocarditis; Prosthetic heart valve; Rapid AF; Rapid atrial fibrillation; Rapid pulse; Restrictive cardiomyopathy; Rheumatic heart disease; Rheumatic myocarditis; Rheumatic pancarditis; Rheumatic valve disease; RHF; Right heart failure; Right ventricular failure; RVF; Second degree heart block; Shock, cardiogenic; Sick sinus syndrome; Sino-Atrial heart block; Sinus node dysfunction; Split heart sounds; ST elevation myocardial infarction; STEMI; Stent, coronary artery; Stress-induced cardiomyopathy; Subendocardial infarct; Subendocardial myocardial infarct; Superior myocardial infarct; Supraventricular tachycardia; Surdocardiac syndrome; SVT; Syncope, vasovagal; Systolic cardiac dysfunction; Systolic heart failure; Tachycardia, nodal; Tachycardia, supraventricular; Tachycardia, ventricular; Tachycardia; Takotsubo cardiomyopathy; Third degree heart block; Transient apical ballooning; Transplant, heart; Triatrial heart; Triple rhythm heart sounds; Unstable angina; Valvular disease of heart; Valvular heart disease; Variant angina; Vasovagal attack; Vasovagal syncope; Ventricular bigeminy; Ventricular diastolic dysfunction; Ventricular ectopics; Ventricular extrasystoles; Ventricular fibrillation; Ventricular tachycardia; VF; VT; Wenkebach phenomenon; Wolff Parkinson White syndrome; WPW;

#### 4.17. NKPI-20 – Clients with no known Cardiovascular Disease with information available to calculate their CVD risk

The NKPI-20 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-20 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*, be **aged** within the range specified in the below table for the measure, have the **sex** specified against the measure in the table below and have no Past History record for a **condition** that is a *Cardiovascular Disease*<sup>1</sup>.

**Mrs. Madeline Jane Abbott**

Name: Madeline Abbott D.O.B.: 14/02/1962 Age: 56 yrs Sex: Female 3h 43m 12s Finalise visit

Address: 12 John St Albany Creek 4035 Phone: 07 50505050 Mobile: 09789751131 Work:

Medicare No: 4133180467 - 2 12/08 Record No.: 102 Pension No.: Comment:

Occupation: Tobacco: Alcohol: Elite sports: Ethnicity:

Blood Group: BreastFeeding: Parity: G2P2 Pregnant: No Advance Health Directive:

Allergies / Adverse Drug Reactions: Reactions Notifications: Fact Sheets Preventive Health Actions Reminders

Item	Reaction	Severity	Type	Due	Reason
Not recorded			Reminder due	20/05/2011	Fluvax Immunisation
			Reminder due	21/11/2011	Care plan
			Outstanding requests	06/05/2004	There are 3 outstanding requests for this patient!
			Preventive health	26/02/2018	There are no recorded pap smears within the last 2 years!

Expand Collapse

**Active problems:** ☐ No significant PMH

Date	Condition	Severity	Description	Summary	Confidential	My H
28/03/2004	Diabetes Mellitus, Type 2			Yes	No	Yes
20/05/2011	Overweight			No	No	No
26/02/2018	Cardiovascular disease			Yes	No	Yes

**Inactive problems:**

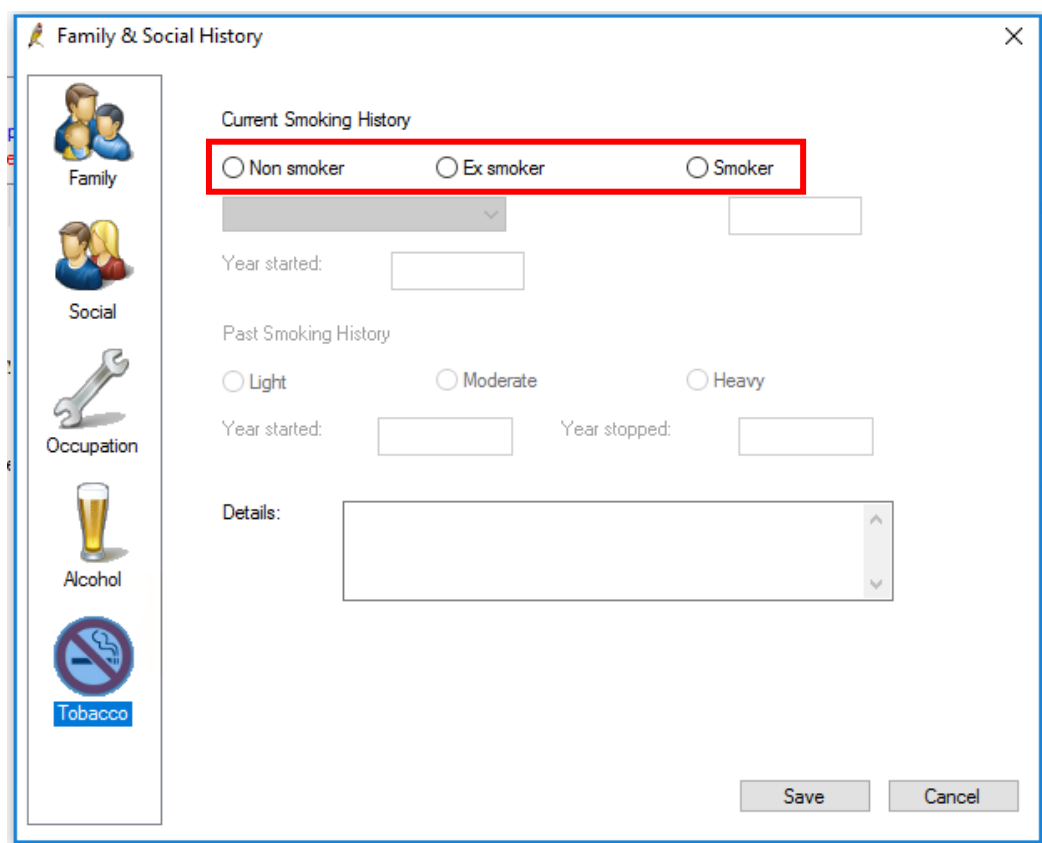
Date	Condition	Severity	Description	Summary	Confidential	My H
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In order to appear in the numerator for this measure, the Patient must meet all criteria required to appear in the denominator, and all the information required to calculate their **absolute CVD risk** must be present in the database recorded within the past 24 months. Data that must be present includes:

#### Smoking Status

Recorded in the **Smoking** screen:



**Family & Social History**

Family  
Social  
Occupation  
Alcohol  
Tobacco

**Current Smoking History**

☐ Non smoker ☐ Ex smoker ☐ Smoker

Year started:

**Past Smoking History**

☐ Light ☐ Moderate ☐ Heavy

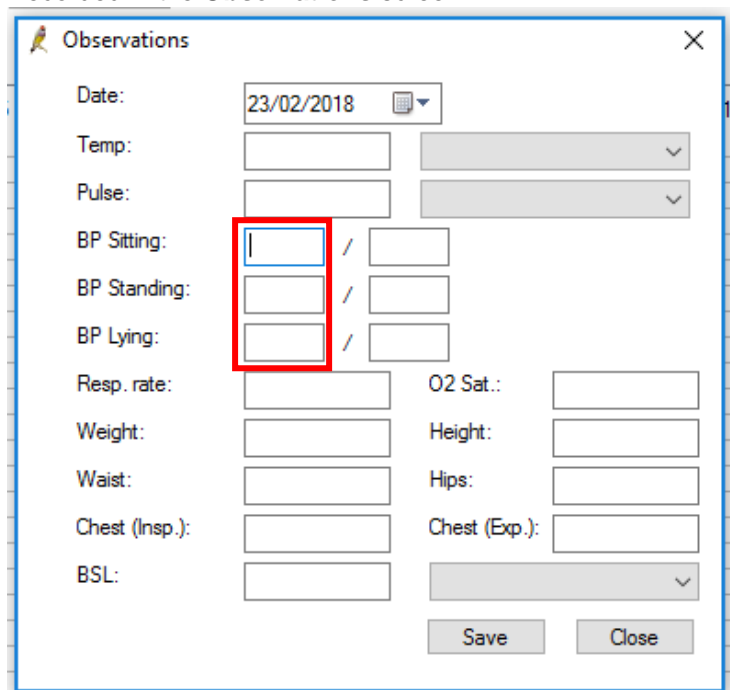
Year started:  Year stopped:

Details:

Save Cancel

### Systolic Blood Pressure

Recorded in the **Observations** screen:



**Observations**

Date: 23/02/2018

Temp:

Pulse:

BP Sitting:  /

BP Standing:  /

BP Lying:  /

Resp. rate:  O2 Sat.:

Weight:  Height:

Waist:  Hips:

Chest (Insp.):  Chest (Exp.):

BSL:

Save Close

### Total Cholesterol

Available in the **Atomised Values** window of the **Investigation Reports** screen.

Mrs. Madeline Jane Abbott - Atomised result values				
	29/06/2010	17/03/2011	26/08/2011	25/05/2017
Albumin/Creat ratio			7.6	
Bicarbonate		19		
Chloride		104		
Cholesterol			4.5	56
Cholesterol/HDL Ratio			4.5	
Creat Rand Ur			4.5	
Creatinine		48		
Glucose Random			7.0	
Hb A1c			6.3	
HbA1c (SI)			45	655
HDL Cholesterol			1.0	
INR	5.0			
LDL Cholesterol			3.0	
PoQLDsium		5.4		
Quantitative hCG				
Sodium		137		
Triglyceride			1.0	
Urea		3.9		
Urine Albumin			34	

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### HDL Cholesterol

Available in the **Atomised Values** window of the **Investigation Reports** screen.

Mrs. Madeline Jane Abbott - Atomised result values				
	29/06/2010	17/03/2011	26/08/2011	25/05/2017
Albumin/Creat ratio			7.6	
Bicarbonate		19		
Chloride		104		
Cholesterol			4.5	56
Cholesterol/HDL Ratio			4.5	
Creat Rand Ur			4.5	
Creatinine		48		
Glucose Random			7.0	
Hb A1c			6.3	
HbA1c (SI)			45	655
HDL Cholesterol			1.0	
INR	5.0			
LDL Cholesterol			3.0	
PoQLDsium		5.4		
Quantitative hCG				
Sodium		137		
Triglyceride			1.0	
Urea		3.9		
Urine Albumin			34	

	Sex Male	Sex Female
Age 35-44 years	NKPI-20001	NKPI-20005
Age 45-54 years	NKPI-20002	NKPI-20006
Age 55-64 years	NKPI-20003	NKPI-20007
Age 65-74 years	NKPI-20004	NKPI-20008

<sup>1</sup>Cardiovascular Disease includes the following term names within Past History: Abnormal heart chamber dimensions; Accessory atrioventricular pathways; Acute cardiac failure; Acute coronary insufficiency; Acute heart failure; Acute myocardial infarction; AF; Alcoholic cardiomyopathy; AMI; Amyloid cardiomyopathy; Angina pectoris; Angina, unstable; Angina; Angioplasty, coronary; Anterior myocardial infarct; Anterolateral myocardial infarct; Arrhythmia, atrial fibrillation; Arrhythmia, atrial flutter; Arrhythmia, bradycardia; Arrhythmia, nodal tachycardia; Arrhythmia, SVT; Arrhythmia, tachycardia; Arrhythmia, ventricular fibrillation; Arrhythmia, ventricular tachycardia; Atrial fibrillation; Atrial flutter; Atrial tachycardia; Atrio-Ventricular Block; Autosomal recessive long QT syndrome; AV Block; Balloon coronary angioplasty; Bigeminy; Biventricular heart failure; Bradyarrhythmia; Bradycardia; Broken heart syndrome; CABG; Cardiac bradyarrhythmia; Cardiac failure, acute; Cardiac failure; Cardioauditory syndrome; Cardiocutaneous syndrome; Cardiofaciocutaneous syndrome; Cardiogenic shock; Cardiomegaly; Cardiomyopathic lentiginosis; Cardiomyopathy, alcoholic; Cardiomyopathy, amyloid; Cardiomyopathy, congenital; Cardiomyopathy, congestive; Cardiomyopathy, dilated; Cardiomyopathy, haemochromatosis; Cardiomyopathy, hypertensive; Cardiomyopathy, hypertrophic; Cardiomyopathy, idiopathic; Cardiomyopathy, ischaemic; Cardiomyopathy, peripartum; Cardiomyopathy, restrictive; Cardiomyopathy, selenium deficiency; Cardiomyopathy; Cardiovascular disease; Cardioversion - failed; Cardioversion, elective; Cardioversion; Care plan, chronic heart disease; CCF; Chronic heart disease care plan review; Chronic heart disease care plan; Collapse; Complete heart block; Congenital cardiomyopathy; Congenital heart block; Congenital heart defect; Congenital heart disease; Congestive cardiac failure; Congestive cardiomyopathy; Congestive heart failure; Cor pulmonale; Cor Triatriatum; Coronary angioplasty with stent; Coronary angioplasty; Coronary artery bypass graft; Coronary artery disease; Coronary artery endarterectomy; Coronary artery spasm; Coronary artery stent; Coronary endarterectomy; Coronary heart disease; Coronary insufficiency; Coronary

occlusion; Cyanotic heart disease; Diastolic cardiac dysfunction; Diastolic heart failure; Dilated cardiomyopathy; Dressler's syndrome; Ectopics, ventricular; Elective cardioversion; Fibrillation, atrial; Fibrillation, ventricular; First degree heart block; Haemochromatosis cardiomyopathy; Heart attack; Heart block, congenital; Heart block, first degree; Heart block, second degree; Heart block, third degree; Heart block; Heart disease, valvular; Heart disease; Heart enlarged; Heart failure - mid range ejection fraction; Heart failure - preserved ejection fraction; Heart failure - reduced ejection fraction; Heart failure, acute; Heart failure, high output; Heart failure, left; Heart failure; Heart sounds - Split; Heart sounds - Triple rhythm; Heart surgery; Heart transplant; Heart valve replacement; HFmrEF; HFpEF; HFrEF; High output cardiac failure; High output heart failure; Hypertensive cardiomyopathy; Hypertensive heart disease; Hypertensive heart failure; Hypertrophic cardiomyopathy; Hypoplastic left heart syndrome; Idiopathic cardiomyopathy; IHD; Inferior myocardial infarction; Intraventricular Block; Intraventricular Heart Block; Ischaemic cardiomyopathy; Ischaemic heart disease; Jervell and Lange-Nielsen syndrome; Keshan disease; Left heart failure; Left Ventricular Failure; LEOPARD syndrome; LHF; LVF; MI; Mobitz type 1 A-V Block; Mobitz type 2 A-V Block; Multiple lentiginos syndrome; Myocardial infarction, anterior; Myocardial infarction, anterolateral; Myocardial infarction, inferior; Myocardial infarction, Non STEMI; Myocardial infarction, posterior; Myocardial infarction, STEMI; Myocardial infarction, subendocardial; Myocardial infarction, superior; Myocardial infarction; Neurocardiogenic syncope; Nodal tachycardia; Non ST elevation myocardial infarction; NSTEMI; Occlusion, Coronary artery; Open heart surgery; Organic Heart Disease; PCTA; Percutaneous transluminal angioplasty; Percutaneous transluminal coronary angioplasty; Peripartum cardiomyopathy; Post streptococcal heart disease; Post streptococcal valve disease; Postcardiotomy syndrome; Posterior myocardial infarct; Postmyocardial infarction syndrome; Postpericardiotomy syndrome; Preexcitation syndrome; Preinfarction syndrome; Premature ventricular contractions; Prinzmetal angina; Progressive cardiomyopathic lentiginosis; Prosthetic heart valve endocarditis; Prosthetic heart valve; Rapid AF; Rapid atrial fibrillation; Rapid pulse; Restrictive cardiomyopathy; Rheumatic heart disease; Rheumatic myocarditis; Rheumatic pancarditis; Rheumatic valve disease; RHF; Right heart failure; Right ventricular failure; RVF; Second degree heart block; Shock, cardiogenic; Sick sinus syndrome; Sino-Atrial heart block; Sinus node dysfunction; Split heart sounds; ST elevation myocardial infarction; STEMI; Stent, coronary artery; Stress-induced cardiomyopathy; Subendocardial infarct; Subendocardial myocardial infarct; Superior myocardial infarct; Supraventricular tachycardia; Surdocardiac syndrome; SVT; Syncope, vasovagal; Systolic cardiac dysfunction; Systolic heart failure; Tachycardia, nodal; Tachycardia, supraventricular; Tachycardia, ventricular; Tachycardia; Takotsubo cardiomyopathy; Third degree heart block; Transient apical ballooning; Transplant, heart; Triatrial heart; Triple rhythm heart sounds; Unstable angina; Valvular disease of heart; Valvular heart disease; Variant angina; Vasovagal attack; Vasovagal syncope; Ventricular bigeminy; Ventricular diastolic dysfunction; Ventricular ectopics; Ventricular extrasystoles; Ventricular fibrillation; Ventricular tachycardia; VF; VT; Wenkebach phenomenon; Wolff Parkinson White syndrome; WPW;

#### 4.18. NKPI-21 – Clients with a given CVD Risk calculated

The NKPI-21 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-21 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*, be **aged** within the range specified in the below table for the measure, have the **sex** specified against the measure in the table below and have **no Past History** record for a **condition** that is a **Cardiovascular Disease**<sup>1</sup>.

Mrs. Madeline Jane Abbott

File Open Request Clinical View Utilities My Health Record Help

Name: Madeline Abbott D.O.B.: 14/02/1962 Age: 56 yrs Sex: Female 3h 43m 12s Finalise visit

Address: 12 John St Albany Creek 4035 Phone: 07 50505050 Mobile: 09789751131 Work:

Medicare No: 4133180467 - 2 12/08 Record No.: 102 Pension No.: Comment:

Occupation: Tobacco: Alcohol: Elite sports: Ethnicity:

Blood Group: BreastFeeding: Parity: G2P2 Pregnant: No Advance Health Directive:

Allergies / Adverse Drug Reactions: Reactions

Item	Reaction	Severity
Not recorded		

Notifications: Fact Sheets Preventive Health Actions Reminders

Type	Due	Reason
Reminder due	20/05/2011	Fluvax Immunisation
Reminder due	21/11/2011	Care plan
Outstanding requests	06/05/2004	There are 3 outstanding requests for this patient!
Preventive health	26/02/2018	There are no recorded pap smears within the last 2 years!

Expand Collapse

Mrs. Madeline Jane Abbott

Today's notes

- Past visits
- Current Rx
- Past history
- Immunisations
- Investigation reports
- Correspondence In
- Correspondence Out
- Past prescriptions
- Observations
- Family/Social history
- Clinical images
- Obstetric history
- Cervical smears
- Enhanced Primary Care

Active problems:

☐ No significant PMH

Date	Condition	Severity	Description	Summary	Confidential	My H
28/03/2004	Diabetes Mellitus, Type 2			Yes	No	Yes
20/05/2011	Overweight			No	No	No
26/02/2018	Cardiovascular disease			Yes	No	Yes

Inactive problems:

Date	Condition	Severity	Description	Summary	Confidential	My H
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In order to appear in the numerator for this measure, the Patient must meet all criteria required to appear in the denominator, and an **absolute CVD risk** observation must be present in the database recorded within the past 24 months, within the range specified in the table. The **CVD Risk** can be calculated from the **Cardiovascular Risk** screen and appears in the **Observations** screen for the patient once calculated.

**Cardiovascular risk**

Systolic BP

Total Cholesterol

HDL Cholesterol

LVH on ECG ☐

Diabetes ☒

Smoked within last 12 months ☐

**28%** probability of developing cardiovascular disease in the next five years.

Reference Save Cancel

**Mrs. Madeline Jane Abbott**

File Open Request Clinical View Utilities My Health Record Help

Name: Madeline Abbott D.O.B.: 14/02/1962 Age: 56 yrs Sex: Female 3h 50m 9s Finalise visit

Address: 12 John St Albany Creek 4035 Phone: 07 50505050 Mobile: 09789751131 Work:

Medicare No: 4133180467 - 2 12/08 Record No.: 102 Pension No.: Comment:

Occupation: Tobacco: Alcohol: Elite sports: Ethnicity:

Blood Group: BreastFeeding: Parity: G2P2 Pregnant: No Advance Health Directive:

Allergies / Adverse Drug Reactions: Reactions Notifications: Fact Sheets Preventive Health Actions Reminders

Item	Reaction	Severity	Type	Due	Reason
Not recorded			Reminder due	20/05/2011	Fluvax Immunisation
			Reminder due	21/11/2011	Care plan
			Outstanding requests	06/05/2004	There are 3 outstanding requests for this patient!
			Preventive health	26/02/2018	There are no recorded pap smears within the last 2 years!

Expand Collapse Add Edit Delete Print Graph

**Mrs. Madeline Jane Abbott**

Today's notes

Past visits

Current Rx

Past history

Immunisations

Investigation reports

Correspondence In

Correspondence Out

Past prescriptions

Observations

Family/Social history

Clinical images

Obstetric history

Cervical smears

Enhanced Primary Care

	30/03/2004	20/05/2011	27/10/2011	25/05/2017	26/02/2018
Temp					
Pulse	82	115			
BP	125/85	135/95	125/80	451/545	
BP (Standing)					
BP (Lying)					
Resp					
BSL			7.5 Non-fasting		
Height		158	158	200	
Weight		110	100	332	
BMI		44.1	40.1	83.0	
Head Circ.					
Waist				36	
Hips					
Waist/Hip					
Chest (Inspiration)					
Chest (Expiration)					
MMSE					
K10					
Diabetes risk					
O2 Saturation					
PEFR					
CV risk					28

Currently logged in: Dr Frederick Findacure (Main surgery) Monday 26/02/2018 12:24:44 PM

Age 35-44 years	Sex Male	Sex Female	
	NKPI-21001	NKPI-21005	CVD Risk High (>15%)
	NKPI-21009	NKPI-21013	CVD Risk Moderate (10-15%)

	NKPI-21017	NKPI-21021	<b>CVD Risk Low (&lt;10%)</b>
<b>Age 45-54 years</b>	NKPI-21002	NKPI-21006	<b>CVD Risk High (&gt;15%)</b>
	NKPI-21010	NKPI-21014	<b>CVD Risk Moderate (10-15%)</b>
	NKPI-21018	NKPI-21022	<b>CVD Risk Low (&lt;10%)</b>
<b>Age 55-64 years</b>	NKPI-21003	NKPI-21007	<b>CVD Risk High (&gt;15%)</b>
	NKPI-21011	NKPI-21015	<b>CVD Risk Moderate (10-15%)</b>
	NKPI-21019	NKPI-21023	<b>CVD Risk Low (&lt;10%)</b>
<b>Age 65-74 years</b>	NKPI-21004	NKPI-21008	<b>CVD Risk High (&gt;15%)</b>
	NKPI-21012	NKPI-21016	<b>CVD Risk Moderate (10-15%)</b>
	NKPI-21020	NKPI-21024	<b>CVD Risk Low (&lt;10%)</b>

<sup>1</sup>Cardiovascular Disease includes the following term names within Past History: Abnormal heart chamber dimensions; Accessory atrioventricular pathways; Acute cardiac failure; Acute coronary insufficiency; Acute heart failure; Acute myocardial infarction; AF; Alcoholic cardiomyopathy; AMI; Amyloid cardiomyopathy; Angina pectoris; Angina, unstable; Angina; Angioplasty, coronary; Anterior myocardial infarct; Anterolateral myocardial infarct; Arrhythmia, atrial fibrillation; Arrhythmia, atrial flutter; Arrhythmia, bradycardia; Arrhythmia, nodal tachycardia; Arrhythmia, SVT; Arrhythmia, tachycardia; Arrhythmia, ventricular fibrillation; Arrhythmia, ventricular tachycardia; Atrial fibrillation; Atrial flutter; Atrial tachycardia; Atrio-Ventricular Block; Autosomal recessive long QT syndrome; AV Block; Balloon coronary angioplasty; Bigeminy; Biventricular heart failure; Bradyarrhythmia; Bradycardia; Broken heart syndrome; CABG; Cardiac bradyarrhythmia; Cardiac failure, acute; Cardiac failure; Cardioauditory syndrome; Cardiocutaneous syndrome; Cardiofaciocutaneous syndrome; Cardiogenic shock; Cardiomegaly; Cardiomyopathic lentiginosis; Cardiomyopathy, alcoholic; Cardiomyopathy, amyloid; Cardiomyopathy, congenital; Cardiomyopathy, congestive; Cardiomyopathy, dilated; Cardiomyopathy, haemochromatosis; Cardiomyopathy, hypertensive; Cardiomyopathy, hypertrophic; Cardiomyopathy, idiopathic; Cardiomyopathy, ischaemic; Cardiomyopathy, peripartum; Cardiomyopathy, restrictive; Cardiomyopathy, selenium deficiency; Cardiomyopathy; Cardiovascular disease; Cardioversion - failed; Cardioversion, elective; Cardioversion; Care plan, chronic heart disease; CCF; Chronic heart disease care plan review; Chronic heart disease care plan; Collapse; Complete heart block; Congenital cardiomyopathy; Congenital heart block; Congenital heart defect; Congenital heart disease; Congestive cardiac failure; Congestive cardiomyopathy; Congestive heart failure; Cor pulmonale; Cor Triatriatum; Coronary angioplasty with stent; Coronary angioplasty; Coronary artery bypass graft; Coronary artery disease; Coronary artery endarterectomy; Coronary artery spasm; Coronary artery stent; Coronary endarterectomy; Coronary heart disease; Coronary insufficiency; Coronary occlusion; Cyanotic heart disease; Diastolic cardiac dysfunction; Diastolic heart failure; Dilated cardiomyopathy; Dressler's syndrome; Ectopics, ventricular; Elective cardioversion; Fibrillation, atrial; Fibrillation, ventricular; First degree heart block; Haemochromatosis cardiomyopathy; Heart attack; Heart block, congenital; Heart block, first degree; Heart block, second degree; Heart block, third degree; Heart block; Heart disease, valvular; Heart disease; Heart enlarged; Heart failure - mid range ejection fraction; Heart failure - preserved ejection fraction; Heart failure - reduced ejection fraction; Heart failure, acute; Heart failure, high output; Heart failure, left; Heart failure; Heart sounds - Split; Heart sounds - Triple rhythm; Heart surgery; Heart transplant; Heart valve replacement; HFmrEF; HFpEF; HFrEF; High output cardiac failure; High output heart failure; Hypertensive cardiomyopathy; Hypertensive heart disease; Hypertensive heart failure; Hypertrophic cardiomyopathy; Hypoplastic left heart syndrome; Idiopathic cardiomyopathy; IHD; Inferior myocardial infarction; Intraventricular Block; Intraventricular Heart Block; Ischaemic cardiomyopathy; Ischaemic heart disease; Jervell and Lange-Nielsen syndrome; Keshan disease; Left heart failure; Left Ventricular Failure; LEOPARD syndrome; LHF; LVF; MI; Mobitz type 1 A-V Block; Mobitz type 2 A-V Block; Multiple lentiginosis syndrome; Myocardial infarction, anterior; Myocardial infarction, anterolateral; Myocardial infarction, inferior; Myocardial infarction, Non STEMI; Myocardial infarction, posterior; Myocardial infarction, STEMI; Myocardial infarction, subendocardial; Myocardial infarction, superior; Myocardial infarction; Neurocardiogenic syncope; Nodal tachycardia; Non ST elevation myocardial infarction; NSTEMI; Occlusion, Coronary artery; Open heart surgery; Organic Heart Disease; PCTA; Percutaneous transluminal angioplasty; Percutaneous transluminal coronary angioplasty; Peripartum cardiomyopathy; Post streptococcal heart disease; Post streptococcal valve disease; Postcardiotomy syndrome; Posterior myocardial infarct; Postmyocardial infarction syndrome; Postpericardiotomy syndrome; Preexcitation syndrome; Preinfarction syndrome; Premature ventricular contractions; Prinzmetal angina; Progressive cardiomyopathic lentiginosis; Prosthetic heart valve endocarditis; Prosthetic heart valve; Rapid AF; Rapid atrial fibrillation; Rapid pulse; Restrictive cardiomyopathy; Rheumatic heart disease; Rheumatic myocarditis; Rheumatic pancarditis; Rheumatic valve disease; RHF; Right heart failure; Right ventricular failure; RVF; Second

degree heart block; Shock, cardiogenic; Sick sinus syndrome; Sino-Atrial heart block; Sinus node dysfunction; Split heart sounds; ST elevation myocardial infarction; STEMI; Stent, coronary artery; Stress-induced cardiomyopathy; Subendocardial infarct; Subendocardial myocardial infarct; Superior myocardial infarct; Supraventricular tachycardia; Surdocardiac syndrome; SVT; Syncope, vasovagal; Systolic cardiac dysfunction; Systolic heart failure; Tachycardia, nodal; Tachycardia, supraventricular; Tachycardia, ventricular; Tachycardia; Takotsubo cardiomyopathy; Third degree heart block; Transient apical ballooning; Transplant, heart; Triatrial heart; Triple rhythm heart sounds; Unstable angina; Valvular disease of heart; Valvular heart disease; Variant angina; Vasovagal attack; Vasovagal syncope; Ventricular bigeminy; Ventricular diastolic dysfunction; Ventricular ectopics; Ventricular extrasystoles; Ventricular fibrillation; Ventricular tachycardia; VF; VT; Wenkebach phenomenon; Wolff Parkinson White syndrome; WPW;

#### 4.19. NKPI-22 – Clients who have had a recent cervical screening

The NKPI-22 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-22 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*, be **aged** within the range specified in the measure table below, have a **sex** of *female*, and have not had a *hysterectomy* recorded in their **Past History**.

Mrs. Madeline Jane Abbott

File Open Request Clinical View Utilities My Health Record Help

Name: Madeline Abbott D.O.B.: 14/02/1962 Age: 56 yrs Sex: Female 5h 37m 3s Finalise visit

Address: 12 John St Albany Creek 4035 Phone: 07 50505050 Mobile: 09789751131 Work:

Medicare No: 4133180467 - 2 12/08 Record No.: 102 Pension No.: Comment:

Occupation: Tobacco: Alcohol: Elite sports: Ethnicity:

Blood Group: Breast Feeding: Parity: G2P2 Pregnant: No Advance Health Directive:

Allergies / Adverse Drug Reactions: Reactions

Item	Reaction	Severity
Not recorded		

Notifications: Fact Sheets Preventive Health Actions Reminders

Type	Due	Reason
Reminder due	20/05/2011	Fluvax Immunisation
Reminder due	21/11/2011	Care plan
Outstanding requests	06/05/2004	There are 3 outstanding requests for this patient!
Preventive health	26/02/2018	There are no recorded pap smears within the last 2 years!

Expand Collapse

Mrs. Madeline Jane Abbott

Today's notes

Past visits

Current Rx

Past history

Immunisations

Investigation reports

Correspondence In

Correspondence Out

Past prescriptions

Observations

Family/Social history

Clinical images

Obstetric history

Cervical smears

Enhanced Primary Care

Active problems: ☐ No significant PMH

Date	Condition	Severity	Description	Summary	Confidential	My H
28/03/2004	Diabetes Mellitus, Type 2			Yes	No	Yes
20/05/2011	Overweight			No	No	No
26/02/2012	Hysterectomy			Yes	No	Yes
26/02/2018	Cardiovascular disease			Yes	No	Yes

Inactive problems:

Date	Condition	Severity	Description	Summary	Confidential	My H
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Currently logged in: Dr Frederick Findacure (Main surgery) Monday 26/02/2018 02:11:39 PM

In order to appear in the numerator for this measure, the patient must meet all criteria to appear in the denominator, and have had a **cervical screening test** recorded within 5 years and on or after 01 December 2017

P266 Kpi11h

File Open Request Clinical View Utilities My Health Record Help

Family members: [Dropdown] Jump Open

Name: P266 Kpi11h D.O.B.: 30/04/1982 Age: 35 yrs Sex: Female 0m 19s Finalise visit

Address: 11 Haven Street Botany 2019 Phone: Mobile: Work:

Medicare No: 5991029496 - 1 Record No.: Pension No.: Comment:

Occupation: Tobacco: Ex smoker Alcohol: Elite sports: Ethnicity: Aboriginal

Blood Group: BreastFeeding: Parity: Pregnant: No Advance Health Directive:

Allergies / Adverse Drug Reactions: Reactions Notifications: Fact Sheets Preventive Health Actions Reminders

Item	Reaction	Severity	Type	Due	Reason
Not recorded			Preventive health	10/04/2018	There is no record of any cervical screening for this patient!
			Preventive health	10/04/2018	Influenza vaccination should be considered!

Expand Collapse Add Edit Delete Print

☐ No longer requires cervical screening ☐ Opt out of cervical screening Reason: [Dropdown]

Pap Smears

Screen Date	Smear Result	Endocervical cells	HPV changes	Performed by

Cervical Screening Tests

Screen Date	HPV 16	HPV 18	HPV Other	LBC Result	Endocervical cells

Currently logged in: Mr Principal Doctor (Main surgery) Tuesday 10/04/2018 01:10:47 PM

Age 25-34 years	NKPI-22016
Age 35-44 years	NKPI-22017
Age 45-54 years	NKPI-22018
Age 55-64 years	NKPI-22019
Age 65-74 years	NKPI-22024

#### 4.20. NKPI-23 – Clients with Type 2 Diabetes who have had a Blood Pressure test in the last six months

The NKPI-23 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-23 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*, be **aged** within the range specified in the below table for the measure, have the **sex** specified against the measure in the table below and have a **Past History** record for *Type 2 Diabetes*<sup>1</sup>.

Mr. Test Patient

File Open Request Clinical View Utilities My Health Record Help

Name: Test Patient D.O.B.: / / Age: Sex: Male 32m 15s Finalise visit

Address: 1 Test St Bundaberg 4670 Phone: Mobile: Work:

Medicare No: Record No.: 54 Pension No.: Comment:

Occupation: Tobacco: Alcohol: Elite sports: Ethnicity:

Blood Group: Advance Health Directive:

Allergies / Adverse Drug Reactions: Reactions Notifications: Fact Sheets Preventive Health Actions Reminders

Item Reaction Severity

Not recorded

Type Due Reason

Preventive health 22/02/2018 A Diabetes Review was due on 25/08/2017

Expand Collapse Add Edit Delete Print

Active problems: ☐ No significant PMH

Date	Condition	Severity	Description	Summary	Confidential	My Health Record	Details
23/05/2017	Diabetes Mellitus, Type 2			Yes	No	No	

Inactive problems:

Date	Condition	Severity	Description	Summary	Confidential	My Health Record	Details
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Currently logged in: Dr Frederick Findacure (Main surgery) Thursday 22/02/2018 01:06:24 PM

In order to appear in the numerator for this measure, the patient must meet all criteria to appear in the denominator, in addition to having an **Observation** record for both *Systolic* and *Diastolic Blood Pressure* within the previous six months.

The 'Observations' window is a form for recording patient data. It includes a date picker set to 26/02/2018. Below the date are fields for Temperature (Temp), Pulse, and Blood Pressure (BP) in three positions: Sitting, Standing, and Lying. Each BP entry consists of two input boxes separated by a slash. Further down are fields for Respiratory rate (Resp. rate), Oxygen Saturation (O2 Sat.), Weight, Height, Waist, Hips, Chest (Inspiration and Expiration), and Baseline Saturation (BSL). The form concludes with 'Save' and 'Close' buttons.

	<b>Sex Male</b>	<b>Sex Female</b>
<b>Age 0-4 years</b>	NKPI-23001	NKPI-23009
<b>Age 5-14 years</b>	NKPI-23002	NKPI-23010
<b>Age 15-24 years</b>	NKPI-23003	NKPI-23011
<b>Age 25-34 years</b>	NKPI-23004	NKPI-23012
<b>Age 35-44 years</b>	NKPI-23005	NKPI-23013
<b>Age 45-54 years</b>	NKPI-23006	NKPI-23014
<b>Age 55-64 years</b>	NKPI-23007	NKPI-23015
<b>Age 65+ years</b>	NKPI-23008	NKPI-23016

<sup>1</sup>Type 2 Diabetes includes the following term names within Past History: Diabetes Mellitus, NIDDM; Diabetes Mellitus, Type 2; NIDDM; Non insulin dependent Diabetes Mellitus; Type 2 Diabetes Mellitus

#### 4.21. NKPI-24 – Clients with Type 2 Diabetes who have had a Blood Pressure test within a given range in the last six months

The NKPI-24 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-24 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*, be **aged** within the range specified in the below table for the measure, have the **sex** specified against the measure in the table below and have a **Past History** record for *Type 2 Diabetes*<sup>1</sup>, and have had their *Systolic and Diastolic Blood Pressure* recorded in the **Observations** screen in the previous six months.

Mr. Test Patient

File Open Request Clinical View Utilities My Health Record Help

Name: Test Patient D.O.B.: // Age: Sex: Male 32m 15s Finalise visit

Address: 1 Test St Bundaberg 4670 Phone: Mobile: Work:

Medicare No: Record No.: 54 Pension No.: Comment:

Occupation: Tobacco: Alcohol: Elite sports: Ethnicity:

Blood Group: Advance Health Directive:

Allergies / Adverse Drug Reactions: Reactions Notifications: Fact Sheets Preventive Health Actions Reminders

Item Reaction Severity

Not recorded

Type Due Reason

Preventive health 22/02/2018 A Diabetes Review was due on 25/08/2017

Expand Collapse Add Edit Delete Print

Active problems: ☐ No significant PMH

Date	Condition	Severity	Description	Summary	Confidential	My Health Record	Details
23/05/2017	Diabetes Mellitus, Type 2			Yes	No	No	

Inactive problems:

Date	Condition	Severity	Description	Summary	Confidential	My Health Record	Details
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Currently logged in: Dr Frederick Findacure (Main surgery) Thursday 22/02/2018 01:06:24 PM

In order to appear in the numerator for this measure, the patient must meet all criteria to appear in the denominator, in addition to having their most recent **Observation** record for *Systolic and Diastolic Blood Pressure* within the previous six months less than or equal to 140/90 mmHg.

The 'Observations' window is a form for recording patient data. It includes a date field set to 26/02/2018, and dropdown menus for temperature and pulse. A red box highlights the blood pressure (BP) section, which includes three rows: 'BP Sitting', 'BP Standing', and 'BP Lying'. Each row has two input fields separated by a slash. Below the BP section are fields for respiratory rate, oxygen saturation, weight, height, waist, hips, chest expansion (inspiration and expiration), and basal heart rate (BSL). The window concludes with 'Save' and 'Close' buttons.

	<b>Sex Male</b>	<b>Sex Female</b>
<b>Age 0-4 years</b>	NKPI-24001	NKPI-24009
<b>Age 5-14 years</b>	NKPI-24002	NKPI-24010
<b>Age 15-24 years</b>	NKPI-24003	NKPI-24011
<b>Age 25-34 years</b>	NKPI-24004	NKPI-24012
<b>Age 35-44 years</b>	NKPI-24005	NKPI-24013
<b>Age 45-54 years</b>	NKPI-24006	NKPI-24014
<b>Age 55-64 years</b>	NKPI-24007	NKPI-24015
<b>Age 65+ years</b>	NKPI-24008	NKPI-24016

<sup>1</sup>Type 2 Diabetes includes the following term names within Past History: Diabetes Mellitus, NIDDM; Diabetes Mellitus, Type 2; NIDDM; Non insulin dependent Diabetes Mellitus; Type 2 Diabetes Mellitus

## 4.22. NKPI-25 – Clients who had a STI(s) result recorded (chlamydia and/or gonorrhoea) within the previous 12 months.

The NKPI-25 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-25 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*, be **aged** within the range specified in the below table for the measure, have the **sex** specified against the measure in the table below and have a **Test Name** for Chlamydia and/or Gonorrhoea.

	Sex Male	Sex Female
Age 15 – 19 years	NKPI-25001	NKPI-25005
Age 20 – 24 years	NKPI-25002	NKPI-25006
Age 25 – 29 years	NKPI-25003	NKPI-25007
Age 30 – 34 years	NKPI-25004	NKPI-25008

### Chlamydia LOINC Codes for Test Names:

14463-4, 14464-2, 14465-9, 14467-5, 14470-9, 14471-7, 14472-5, 14474-1, 14509-4, 14510-2, 14511-0, 14513-6, 16593-6, 16600-9, 16601-7, 21189-6, 21190-4, 21191-2, 21192-0, 21613-5, 23838-6, 31765-1, 31767-7, 31771-9, 31772-7, 31775-0, 31776-8, 31777-6, 32001-0, 32004-4, 32671-0, 32774-2, 34708-8, 34709-6, 34710-4, 35412-6, 35711-1, 35713-7, 35714-5, 35715-2, 35716-0, 35717-8, 35718-6, 35721-0, 35724-4, 35725-1, 35726-9, 35727-7, 35728-5, 35729-3, 35730-1, 35736-8, 42931-6, 43304-5, 43404-3, 45078-3, 45080-9, 45084-1, 45085-8, 45086-6, 45089-0, 45090-8, 45091-6, 45092-4, 45093-2, 45095-7, 45096-5, 45097-3, 45098-1, 45100-5, 45101-3, 45103-9, 45104-7, 45105-4, 45106-2, 45107-0, 45108-8, 45112-0, 45113-8, 45114-6, 45115-3, 45131-0, 45132-8, 45133-6, 47211-8, 47212-6, 49096-1, 4993-2, 50311-0, 50387-0, 50411-8, 51578-3, 53925-4, 53926-2, 557-9, 558-7, 559-5, 560-3, 561-1, 57287-5, 57288-3, 6345-3, 6346-1, 6347-9, 6349-5, 6354-5, 6355-2, 6356-0, 6357-8, 80363-5, 80364-3, 80367-6, 82306-2, 88221-7, 89648-0, 91860-7, 91873-0

### Chlamydia Non-LOINC Codes:

Chlamydia trachomatis DNA, Chlamydia RNA PCR

### Chlamydia Text Strings for Test Names:

Chlamydial infection, Chlamydial STI, Chlamydia trachomati, Chlamydia trachomatis, Chlamydial trachomatis, c trachom, Chlamydial, Chlamydia, Chlam, ct main, CTNG,CT/NG

### Chlamydia Text String Exclusions for Test Names:

PNEUMONIAE, PNEUM, PSITTACI, ORNITHOSIS, ORNI

### Chlamydia LOINC Code Exclusions for Test Names:

100120-5, 100121-3, 100122-1, 100123-9, 100124-7, 100125-4, 10651-8, 10652-6, 10848-0, 10849-8, 11254-0, 13217-5, 13218-3, 13219-1, 13220-9, 13221-7, 13222-5, 13223-3, 13224-1, 14198-6, 14199-4, 14200-0, 14201-8, 14202-6, 14203-4, 14204-2, 14461-8, 14462-6, 14466-7, 14468-3, 14469-1, 14473-3, 14507-8, 14508-6, 14512-8, 16581-1, 16582-9, 16583-7, 16584-5, 16585-2, 16586-0, 16587-8, 16588-6, 16589-4, 16590-2, 16591-0, 16592-8, 16594-4, 16595-1, 16596-9, 16597-7, 16598-5, 16599-3, 16602-5, 18490-3, 18491-1, 18492-9, 20752-2, 20753-0, 20754-8, 20755-5, 20756-3, 20757-1, 20993-2, 21184-7, 21185-4, 21186-2, 21187-0, 21188-8, 22169-7, 22170-5, 22171-3, 22172-1, 22173-9, 22174-7, 22175-4, 22176-2, 22177-0, 22178-8, 22179-6, 22180-4, 22181-2, 22182-0, 22183-8, 22184-6, 22185-3, 22186-1, 22187-9, 22188-7, 22189-5, 22190-3, 22191-1, 22192-9, 22193-7, 22194-5, 22195-2, 22196-0, 22197-8, 22198-6, 22199-4, 22200-0, 22201-8, 22202-6, 22992-2, 22993-0, 22994-8, 22995-5, 22996-3, 22997-1, 22998-9, 22999-7, 23000-3, 23001-1, 23967-3, 23990-5, 24004-4, 24005-1, 24238-8, 24239-6, 24402-0, 25369-0, 26626-2, 26663-5, 26664-3, 26665-0, 26666-8, 26667-6, 26668-4, 26715-3, 27167-6, 27185-8, 27273-2, 27368-0, 27370-6, 27371-4, 27404-3, 28556-9, 28557-7, 28558-5, 29664-0, 29677-2, 29722-6, 30204-2, 30205-9, 31292-6, 31293-4, 31294-2, 31295-9, 31296-7, 31297-5, 31298-3, 31299-1, 31300-7, 31301-5, 31302-3, 31303-1, 31304-9, 31305-6, 31306-4, 31307-2, 31763-6, 31764-4, 31766-9, 31768-5, 31769-3, 31770-1, 31773-5, 31774-3, 31778-4, 31779-2, 31780-0, 32002-8, 32003-6, 32005-1, 32006-9, 32007-7, 33410-2, 33574-5, 33575-2, 33604-0, 33605-7, 33943-2, 34264-2, 34645-2, 34707-0, 35639-4, 35710-3, 35712-9, 35719-4, 35720-2, 35722-8,

35723-6, 38467-7, 38468-5, 38469-3, 39224-1, 40710-6, 40854-2, 40855-9, 40856-7, 41157-9, 41482-1, 43057-9, 43058-7, 43059-5, 43060-3, 43061-1, 43062-9, 43063-7, 43173-4, 43174-2, 43175-9, 43216-1, 43355-7, 43356-5, 43357-3, 43844-0, 43845-7, 43846-5, 43847-3, 43848-1, 43868-9, 44005-7, 44079-2, 44080-0, 44081-8, 44977-7, 44978-5, 44979-3, 44980-1, 44981-9, 44982-7, 44983-5, 44984-3, 44985-0, 44986-8, 44987-6, 44988-4, 44989-2, 44990-0, 44991-8, 44992-6, 44993-4, 44994-2, 44995-9, 44996-7, 44997-5, 44998-3, 44999-1, 45000-7, 45001-5, 45002-3, 45003-1, 45004-9, 45005-6, 45006-4, 45007-2, 45008-0, 45009-8, 45010-6, 45011-4, 45012-2, 45077-5, 45079-1, 45081-7, 45082-5, 45083-3, 45087-4, 45088-2, 45094-0, 45099-9, 45102-1, 45109-6, 45110-4, 45111-2, 45130-2, 45135-1, 46176-4, 46177-2, 46178-0, 46179-8, 47052-6, 47234-0, 50612-1, 5078-1, 5079-9, 5080-7, 5081-5, 5082-3, 5083-1, 5084-9, 5085-6, 5086-4, 5087-2, 5088-0, 5089-8, 5090-6, 51734-2, 51806-8, 51807-6, 51808-4, 51809-2, 54044-3, 556-1, 56909-5, 56910-3, 56911-1, 57679-3, 57680-1, 57817-9, 58758-4, 59065-3, 62864-4, 62865-1, 6338-8, 6339-6, 6340-4, 6341-2, 6342-0, 6343-8, 6344-6, 6348-7, 6350-3, 6351-1, 6352-9, 6353-7, 6358-6, 6912-0, 6913-8, 6914-6, 6915-3, 6916-1, 6917-9, 6918-7, 6919-5, 6920-3, 69865-4, 74241-1, 75757-5, 77166-7, 7821-2, 7822-0, 7823-8, 7824-6, 82178-5, 82957-2, 86659-0, 87949-4, 87950-2, 88546-7, 88547-5, 88718-2, 89640-7, 89641-5, 90361-7, 90362-5, 90363-3, 90365-8, 90763-4, 91861-5, 92133-8, 92577-6, 92859-8, 92860-6, 92986-9, 96075-7, 99105-9, 99778-3

#### **Gonorrhoea LOINC Codes for Test Names:**

14127-5, 21414-8, 21415-5, 21416-3, 24111-7, 29311-8, 31905-3, 31906-1, 32198-4, 32199-2, 32705-6, 43305-2, 43403-5, 47387-6, 5028-6, 50326-8, 50388-8, 50412-6, 53879-3, 53927-0, 57180-2, 57289-1, 57458-2, 60255-7, 60256-5, 6487-3, 6488-1, 6489-9, 6490-7, 688-2, 690-8, 691-6, 692-4, 693-2, 694-0, 696-5, 697-3, 698-1, 80366-8, 80368-4, 88224-1, 88225-8, 96599-6

#### **Gonorrhoea Non-LOINC Codes:**

Neisseria gonorrhoeae DNA, Gonorrhoeae RNA PCR

#### **Gonorrhoea Text Strings for Test Names:**

Gono, Gonno, Neisseria gonorrhoea, Gonococcus, Gonorrhea, N gonorrhoea, Gonorrhoea, Gonorrhoeae, Gnrrh, ng main, CTNG, CT/NG

#### **Gonorrhoea LOINC Code Exclusions for Test Names:**

22430-3, 23908-7, 27021-5, 30099-6, 31525-9, 32704-9, 33904-4, 35735-0, 39557-4, 42987-8, 43387-0, 5261-3, 53762-1, 53878-5, 6491-5, 689-0, 695-7, 86660-8, 91781-5, 9568-7, 97626-6, 99779-1

#### **Chlamydia and Gonorrhoea LOINC Codes for Test Names:**

100356-5, 100710-3, 101172-5, 36902-5, 36903-3, 43405-0, 43406-8, 44806-8, 44807-6, 45067-6, 45068-4, 45069-2, 45070-0, 45072-6, 45074-2, 45075-9, 45076-7, 47362-9, 64017-7, 70161-5, 70162-3, 70163-1, 70164-9, 72828-7, 77577-5, 80360-1, 80361-9, 80362-7, 80365-0, 85687-2, 85689-8, 90357-5, 90358-3, 92683-2, 92684-0, 96612-7

#### **Chlamydia and Gonorrhoea Non-LOINC Codes:**

Chlamydia+Gnrrh, C. trachomatis / N. gonorrhoeae PCR

#### **Chlamydia and Gonorrhoea LOINC Code Exclusions for Test Names:**

45071-8, 45073-4, 86661-6

#### **Antibody and Immunoglobulin Exclusions:**

Ab, IgA, IgG, IgM

#### 4.23. NKPI-26 – Clients ages 0-14 years who have a completed ear health check recorded

The NKPI-26 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-26 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*, be **aged** within the range specified in the below table for the measure and have the **sex** specified against the measure in the table below and have had an ear check for Appearance, Movement or Appearance and movement.

	Sex Male	Sex Female	
Age 0 – 11 months	NKPI-26001	NKPI-26019	Appearance
Age 0 – 11 months	NKPI-26002	NKPI-26020	Movement
Age 0 – 11 months	NKPI-26003	NKPI-26021	Appearance and Movement
Age 12 – 23 months	NKPI-26004	NKPI-26022	Appearance
Age 12 – 23 months	NKPI-26005	NKPI-26023	Movement
Age 12 – 23 months	NKPI-26006	NKPI-26024	Appearance and Movement
Age 24 – 35 months	NKPI-26007	NKPI-26025	Appearance
Age 24 – 35 months	NKPI-26008	NKPI-26026	Movement
Age 24 – 35 months	NKPI-26009	NKPI-26027	Appearance and Movement
Age 36 – 59 months	NKPI-26010	NKPI-26028	Appearance
Age 36 – 59 months	NKPI-26011	NKPI-26029	Movement
Age 36 – 59 months	NKPI-26012	NKPI-26030	Appearance and Movement
Age 5 – 9 years	NKPI-26013	NKPI-26031	Appearance
Age 5 – 9 years	NKPI-26014	NKPI-26032	Movement
Age 5 – 9 years	NKPI-26015	NKPI-26033	Appearance and Movement
Age 10 – 14 years	NKPI-26016	NKPI-26034	Appearance
Age 10 – 14 years	NKPI-26017	NKPI-26035	Movement
Age 10 – 14 years	NKPI-26018	NKPI-26036	Appearance and Movement

A recorded ear health check in the last 12 months is determined from the following workflow, in this priority order:

- i. Ear health procedures as defined in the ear health coding framework – if recorded here do not count 'ii'
- ii. Ear health conditions as defined in the ear health coding framework – if not recorded here then no ear health check is recorded.

#### Ear Health Condition Included Codes

CIS CODE (TERMID)	CLINICAL TERM (OR GLOBAL CAREPLAN NAME)	APPEARANCE / MOVEMENT / BOTH
2591	Otitis externa	Both
27702	Otitis externa, circumscribed	Both
27701	Otitis externa, diffuse	Both
1587	Otitis externa, fungal	Both
27703	Otitis externa, malignant	Both
27703	Otitis externa, necrotising	Both
2592	Otitis externa, Recurrent	Both
2592	Recurrent Otitis externa	Both
2591	Swimmer's ear	Both
905	Chronic secretory otitis media	Both
4305	Ear Tuberculosis	Both
905	Glue ear	Both
2593	Middle ear infection	Both

2593	Otitis media	Both
2594	Otitis media, recurrent	Both
905	Otitis media, serous	Both
7194	Otitis media, suppurative	Both
2594	Recurrent Otitis media	Both
905	Secretory otitis media	Both
905	Serous otitis media	Both
7194	Suppurative otitis media	Both
7825	Myringitis bullosa	App.
7667	Bullous myringitis	App.
2688	Ear drum perforation	App.
2688	Perforated tympanic membrane	App.
2688	Ear drum perforation	App.
12042	Tympanosclerosis	Both
571	Cholesteatoma	App.
871	Ear discharge	App.
871	Otorrhoea	App.
871	Discharge from ear	App.
905	Ear effusion	App.
869	Bleeding from ear	App.

#### Ear Health Procedure Included Codes

CIS CODE (TERMID)	CLINICAL TERM (OR GLOBAL CAREPLAN NAME)	APPEARANCE / MOVEMENT / BOTH
8245	Check ear	Both
8245	Ear check	Both
3593	Ear, grommet removal	Both
3593	Grommet removal	Both
7455	Grommet	Both
3601	Myringotomy	Both
3602	Suction myringotomy	Both
3592	Myringotomy and ventilation tubes	Both
7217	Myringoplasty	Both
3603	Tympanoplasty	Both
3593	Tympanostomy tube removal	Both
3592	Tympanostomy tube insertion	Both
3592	Grommet insertion	Both
3593	Grommet removal	Both
3592	Insertion of grommets	Both
3592	Insertion of tympanostomy tubes	Both
3593	Removal of grommets	Both
3593	Removal of tympanostomy tubes	Both
3600	Tympanic membrane surgery	Both
3600	Surgery - Ear - tympanic membrane	Both

#### Ear Health Condition Excluded Codes

CIS CODE (TERMID)	CLINICAL TERM (OR GLOBAL CAREPLAN NAME)
2595	Barotrauma to ear
870	Blocked ear
4263	Buzzing in ear

873	Ear - Tophus
1339	Ear buzzing
7542	Ear dermatitis
1127	Ear foreign body
5365	Ear injury
872	Ear pain
5298	Ear polyp
4262	Ear ringing
4522	Ear wax
872	Earache
10551	Earlobe infection
856	Eustachian tube dysfunction
1127	Foreign body in ear
4832	Glomus Tympanicum
5365	Injured ear
6637	Labyrinthine positional nystagmus
1922	Labyrinthitis
13590	Myoclonus, tensor tympani
2595	Otitic barotrauma
1587	Otomycosis
5703	Otophyma
2596	Otosclerosis
872	Pain in ear
4262	Ringing in ear
13590	Tensor tympani myoclonus
1922	Viral labyrinthitis
4522	Wax in ear
713	Hearing impaired
713	Deafness
714	Deafness, conduction
715	Deafness, industrial
9410	Deafness, mixed
716	Deafness, sensorineural
713	Hearing loss
13515	Hearing loss, asymmetrical
716	Hearing loss, sensorineural
713	Loss of hearing
715	Noise induced hearing loss
1558	Hearing - Impaired
713	Impaired hearing
715	Occupational hearing loss
6245	Pili Torti-Sensorineural Hearing Loss
716	Sensorineural hearing loss
13515	Asymmetrical hearing loss
714	Conduction deafness
715	Industrial deafness
716	Sensorineural deafness
9410	Mixed deafness
13275	High frequency deafness
1925	Mastoiditis
7648	Perichondritis of the pinna
5755	Presbycusis
5756	Presbycusis

## Ear Health Procedure Excluded Codes

CIS CODE (TERMID)	CLINICAL TERM (OR GLOBAL CAREPLAN NAME)
2828	Ear syringe
2828	Syringe ear
2829	Ear toilet
2830	Ear toilet - curette
2831	Ear toilet - dry mopping
2832	Ear toilet - suction
3588	Ear surgery
3590	Ear, foreign body removal
3590	Foreign body removal from ear
3590	Removal of foreign body from ear
3594	Ear laceration repair
3599	Ear polyp removal
3604	Ear, wedge excision
3604	Wedge excision from ear

#### 4.24. OSR-CS1A – Clients with an Episode of Care

This measure records the number of clients with an Episode of Care recorded within the reporting period. A **visit** in Bp Premier is used to indicate an Episode of Care.

A **visit** is recorded in the **Patient Clinical Record** when any information is saved against the patient, for example by filling out the **Today's Notes** section. To be counted as an **Episode of Care**, the **Visit Type** must be recorded as *Surgery, Home, Hospital, RACF, Telephone, Out of office, Hostel, Telehealth or Locum Service*.

The measure is disaggregated based on the following table:

	Sex Male	Sex Female	Sex Unknown/Blank
<b>Ethnicity</b> <i>Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander</i>	OSR-CS1a-0001	OSR-CS1a-0004	OSR-CS1a-0007
<b>Ethnicity</b> <i>not one of Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander, (blank) or Unknown</i>	OSR-CS1a-0002	OSR-CS1a-0005	OSR-CS1a-0008
<b>Ethnicity</b> <i>(blank) or Unknown</i>	OSR-CS1a-0003	OSR-CS1a-0006	OSR-CS1a-0009


#### 4.25. OSR-CS2 – Clients with an Episode of Care from a given HCP type

This measure records the number of clients with an Episode of Care recorded within the reporting period from a given type of Health Care Professional. A **visit** in Bp Premier is used to indicate an Episode of Care.

A **visit** is recorded in the **Patient Clinical Record** when any information is saved against the patient, for example by filling out the **Today's Notes** section.

The screenshot displays the Bp Premier software interface for a patient record. The top section shows the patient's name, address, and other details. Below this, there are sections for 'Reactions', 'Notifications', and 'Fact Sheets'. The main area is divided into a left-hand navigation pane with categories like 'Today's notes', 'Past visits', 'Current Rx', etc., and a right-hand section with a list of medical categories such as 'General', 'Cardiovascular', 'Respiratory', etc. The bottom of the interface shows the user's name and the current date and time.

The measure is further disaggregated based on the **Category** of the user who performed the visit. This information can be found on the **User Configuration** screen:

 Users ✕

Bp Premier is currently using the sample database.  
New users cannot be added!

Name	Category	Status	Provider No.	Prescriber No.	Usual location
Dr Ivor Cure	Employee doctor	Part time	*****	*****	Main surgery
Mrs. Diabetes Educator	Diabetes educator				Main surgery
Dr Frederick Findacure	Principal doctor	Full time	*****	*****	Main surgery
Ms. Nadine Nurse	Practice nurse				Main surgery
Miss Jenny Reception	Junior receptionist				Main surgery
Mrs. Psychology Specialist	Psychologist		*****		Main surgery
Ms. Susan Senior Reception	Receptionist				Main surgery
Mr. IT Technician	Guest				Main surgery

Dr Ivor Cure MBBS  
 Part time Employee doctor  
 Provider No.: \*\*\*\*\* (Main surgery)  
 Prescriber No.: \*\*\*\*\*  
 Home phone: 456131789  
 Mobile phone: 09123456488  
 E-mail address: icure@bpsoftware.com.au

☐ Include inactive users
 Add
Edit
Delete
Merge
Close

	Sex Male	Sex Female	Sex Unknown/Blank	
<b>Ethnicity</b> <i>Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander</i>	OSR-CS2-0001	OSR-CS2-0004	OSR-CS2-0007	<b>User Category</b> <i>Aboriginal Health Worker</i>
	OSR-CS2-0010	OSR-CS2-0013	OSR-CS2-0016	<b>User Category</b> <i>Aboriginal and Torres Strait Islander Health Practitioner</i>
	OSR-CS2-0019	OSR-CS2-0022	OSR-CS2-0025	<b>User Categories</b> <i>Principal Doctor, Employee Doctor, Contract Doctor, Registrar</i>
	OSR-CS2-0028	OSR-CS2-0031	OSR-CS2-0034	<b>User Categories</b> <i>Practice Nurse, Nurse Practitioner, Child and Maternal Nurse</i>
	OSR-CS2-0037	OSR-CS2-0040	OSR-CS2-0043	<b>User Category</b> <i>Midwife</i>
	OSR-CS2-0046	OSR-CS2-0049	OSR-CS2-0052	<b>User Category</b> <i>Drug and Alcohol Worker</i>
	OSR-CS2-0055	OSR-CS2-0058	OSR-CS2-0061	<b>User Category</b> <i>Tobacco Worker</i>
	OSR-CS2-0064	OSR-CS2-0067	OSR-CS2-0070	<b>User Category</b> <i>Dentist</i>
	OSR-CS2-0073	OSR-CS2-0076	OSR-CS2-0079	<b>User Category</b> <i>Dental prosthetist</i>
	OSR-CS2-0082	OSR-CS2-0085	OSR-CS2-0088	<b>User Category</b> <i>Sexual Health Worker</i>
	OSR-CS2-0091	OSR-CS2-0094	OSR-CS2-0097	<b>User Category</b> <i>Traditional Healer</i>
	OSR-CS2-0100	OSR-CS2-0103	OSR-CS2-0106	<b>User Categories</b> <i>Medical Student</i>
	OSR-CS2-0226	OSR-CS2-0229	OSR-CS2-0232	<b>User Category</b> <i>Psychologist</i>
	OSR-CS2-0235	OSR-CS2-0238	OSR-CS2-0241	<b>User Category</b> <i>Counsellor</i>

	OSR-CS2-0244	OSR-CS2-0247	OSR-CS2-0250	<b>User Category</b> Social worker
	OSR-CS2-0253	OSR-CS2-0256	OSR-CS2-0259	<b>User Category</b> Welfare Worker
	OSR-CS2-0271	OSR-CS2-0274	OSR-CS2-0277	<b>User Category</b> SEWB Staff
	OSR-CS2-0280	OSR-CS2-0283	OSR-CS2-0286	<b>User Category</b> Audiologist
	OSR-CS2-0289	OSR-CS2-0292	OSR-CS2-0295	<b>User Category</b> Diabetes educator
	OSR-CS2-0298	OSR-CS2-0301	OSR-CS2-0304	<b>User Category</b> Dietician
	OSR-CS2-0307	OSR-CS2-0310	OSR-CS2-0313	<b>User Category</b> Optometrist
	OSR-CS2-0316	OSR-CS2-0319	OSR-CS2-0322	<b>User Category</b> Clinical Pharmacist
	OSR-CS2-0325	OSR-CS2-0328	OSR-CS2-0331	<b>User Category</b> Physiotherapist
	OSR-CS2-0334	OSR-CS2-0337	OSR-CS2-0340	<b>User Category</b> Podiatrist
	OSR-CS2-0343	OSR-CS2-0346	OSR-CS2-0349	<b>User Category</b> Speech pathologist
	OSR-CS2-0352	OSR-CS2-0355	OSR-CS2-0358	<b>User Categories</b> Occupational therapist, Orthoptist, Chiropractor, Exercise physiologist, Radiographer, Osteopath, Massage Therapist
<b>Ethnicity not</b> Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal, Both Aboriginal and Torres Strait Islander, (blank) or Unknown	OSR-CS2-0002	OSR-CS2-0005	OSR-CS2-0008	<b>User Category</b> Aboriginal Health Worker
	OSR-CS2-0011	OSR-CS2-0014	OSR-CS2-0017	<b>User Category</b> Aboriginal and Torres Strait Islander Health Practitioner
	OSR-CS2-0020	OSR-CS2-0023	OSR-CS2-0026	<b>User Categories</b> Principal Doctor, Employee Doctor, Contract Doctor, Registrar
	OSR-CS2-0029	OSR-CS2-0032	OSR-CS2-0035	<b>User Categories</b> Practice Nurse, Nurse Practitioner, Child and Maternal Nurse
	OSR-CS2-0038	OSR-CS2-0041	OSR-CS2-0044	<b>User Category</b> Midwife
	OSR-CS2-0047	OSR-CS2-0050	OSR-CS2-0053	<b>User Category</b> Drug and Alcohol Worker
	OSR-CS2-0056	OSR-CS2-0059	OSR-CS2-0062	<b>User Category</b> Tobacco Worker
	OSR-CS2-0065	OSR-CS2-0068	OSR-CS2-0071	<b>User Category</b> Dentist
	OSR-CS2-0074	OSR-CS2-0077	OSR-CS2-0080	<b>User Category</b> Dental prosthetist
	OSR-CS2-0083	OSR-CS2-0086	OSR-CS2-0089	<b>User Category</b> Sexual Health Worker
	OSR-CS2-0092	OSR-CS2-0095	OSR-CS2-0098	<b>User Category</b> Traditional Healer
	OSR-CS2-0101	OSR-CS2-0104	OSR-CS2-0107	<b>User Categories</b> Medical Student
	OSR-CS2-0227	OSR-CS2-0230	OSR-CS2-0233	<b>User Category</b> Psychologist
	OSR-CS2-0236	OSR-CS2-0239	OSR-CS2-0242	<b>User Category</b> Counsellor
	OSR-CS2-0245	OSR-CS2-0248	OSR-CS2-0251	<b>User Category</b> Social worker
	OSR-CS2-0254	OSR-CS2-0257	OSR-CS2-0260	<b>User Category</b> Welfare Worker
	OSR-CS2-0272	OSR-CS2-0275	OSR-CS2-0278	<b>User Category</b> SEWB Staff
	OSR-CS2-0281	OSR-CS2-0284	OSR-CS2-0287	<b>User Category</b> Audiologist
	OSR-CS2-0290	OSR-CS2-0293	OSR-CS2-0296	<b>User Category</b> Diabetes educator
	OSR-CS2-0299	OSR-CS2-0302	OSR-CS2-0305	<b>User Category</b> Dietician
	OSR-CS2-0308	OSR-CS2-0311	OSR-CS2-0314	<b>User Category</b> Optometrist
	OSR-CS2-0317	OSR-CS2-0320	OSR-CS2-0323	<b>User Category</b> Clinical Pharmacist
	OSR-CS2-0326	OSR-CS2-0329	OSR-CS2-0332	<b>User Category</b> Physiotherapist

	OSR-CS2-0335	OSR-CS2-0338	OSR-CS2-0341	<b>User Category</b> Podiatrist
	OSR-CS2-0344	OSR-CS2-0347	OSR-CS2-0350	<b>User Category</b> Speech pathologist
	OSR-CS2-0353	OSR-CS2-0356	OSR-CS2-0359	<b>User Categories</b> Occupational therapist, Orthoptist, Chiropractor, Exercise physiologist, Radiographer, Osteopath, Massage Therapist
<b>Ethnicity</b> (blank) or Unknown	OSR-CS2-0003	OSR-CS2-0006	OSR-CS2-0009	<b>User Category</b> Aboriginal Health Worker
	OSR-CS2-0012	OSR-CS2-0015	OSR-CS2-0018	<b>User Category</b> Aboriginal and Torres Strait Islander Health Practitioner
	OSR-CS2-0021	OSR-CS2-0024	OSR-CS2-0027	<b>User Categories</b> Principal Doctor, Employee Doctor, Contract Doctor, Registrar
	OSR-CS2-0030	OSR-CS2-0033	OSR-CS2-0036	<b>User Categories</b> Practice Nurse, Nurse Practitioner, Child and Maternal Nurse
	OSR-CS2-0039	OSR-CS2-0042	OSR-CS2-0045	<b>User Category</b> Midwife
	OSR-CS2-0048	OSR-CS2-0051	OSR-CS2-0054	<b>User Category</b> Drug and Alcohol Worker
	OSR-CS2-0057	OSR-CS2-0060	OSR-CS2-0063	<b>User Category</b> Tobacco Worker
	OSR-CS2-0066	OSR-CS2-0069	OSR-CS2-0072	<b>User Category</b> Dentist
	OSR-CS2-0075	OSR-CS2-0078	OSR-CS2-0081	<b>User Category</b> Dental prosthetist
	OSR-CS2-0084	OSR-CS2-0087	OSR-CS2-0090	<b>User Category</b> Sexual Health Worker
	OSR-CS2-0093	OSR-CS2-0096	OSR-CS2-0099	<b>User Category</b> Traditional Healer
	OSR-CS2-0102	OSR-CS2-0105	OSR-CS2-0108	<b>User Categories</b> Medical Student
	OSR-CS2-0228	OSR-CS2-0231	OSR-CS2-0234	<b>User Category</b> Psychologist
	OSR-CS2-0237	OSR-CS2-0240	OSR-CS2-0243	<b>User Category</b> Counsellor
	OSR-CS2-0246	OSR-CS2-0249	OSR-CS2-0252	<b>User Category</b> Social worker
	OSR-CS2-0255	OSR-CS2-0258	OSR-CS2-0261	<b>User Category</b> Welfare Worker
	OSR-CS2-0273	OSR-CS2-0276	OSR-CS2-0279	<b>User Category</b> SEWB Staff
	OSR-CS2-0282	OSR-CS2-0285	OSR-CS2-0288	<b>User Category</b> Audiologist
	OSR-CS2-0291	OSR-CS2-0294	OSR-CS2-0297	<b>User Category</b> Diabetes educator
	OSR-CS2-0300	OSR-CS2-0303	OSR-CS2-0306	<b>User Category</b> Dietician
	OSR-CS2-0309	OSR-CS2-0312	OSR-CS2-0315	<b>User Category</b> Optometrist
	OSR-CS2-0318	OSR-CS2-0321	OSR-CS2-0324	<b>User Category</b> Clinical Pharmacist
	OSR-CS2-0327	OSR-CS2-0330	OSR-CS2-0333	<b>User Category</b> Physiotherapist
	OSR-CS2-0336	OSR-CS2-0339	OSR-CS2-0342	<b>User Category</b> Podiatrist
	OSR-CS2-0345	OSR-CS2-0348	OSR-CS2-0351	<b>User Category</b> Speech pathologist
	OSR-CS2-0354	OSR-CS2-0357	OSR-CS2-0360	<b>User Categories</b> Occupational therapist, Orthoptist, Chiropractor, Exercise physiologist, Radiographer, Osteopath, Massage Therapist

## 4.26. OSR-CS3a – Clients seen by the Health Service

This measure records the number of clients who have been seen by the health service within the reporting period. A **visit** in Bp Premier is used to indicate that the patient was seen.

A **visit** is recorded in the **Patient Clinical Record** when any information is saved against the patient, for example by filling out the **Today's Notes** section.

The screenshot displays the Bp Premier software interface for a patient named Mr. Test Patient. The interface is divided into several sections:

- Header:** Displays the patient's name, address (1 Test St Bundaberg 4670), and other basic information like D.O.B., Age, Sex (Male), and Medicare No.
- Family members:** A dropdown menu showing 'Mr. Test Patient' with 'Jump' and 'Open' buttons.
- Allergies / Adverse Drug Reactions:** A table with columns for Item, Reaction, and Severity. It shows 'Not recorded'.
- Notifications:** A table with columns for Type, Due, and Reason. It shows a notification for 'Preventive health' due on 22/02/2018, with a reason 'A Diabetes Review was due on 25/08/2017'.
- Today's notes:** A section for recording the current visit, including a 'Seen by' dropdown (Dr Frederick Findacure), 'Visit date' (22/02/2018), 'Visit time' (12:19:56 PM), and a 'Reason for visit' field.
- Medical Categories:** A list of medical categories on the right side, including General, Cardiovascular, Respiratory, Gastro-intestinal, CNS, Genito-urinary, ENT, Eye, Skin, Musculo-skeletal, and Psych.
- Footer:** Displays the current user (Dr Frederick Findacure) and the date/time (Thursday 22/02/2018 12:20:30 PM).

The measure is disaggregated based on the following table:

	Sex Male	Sex Female	Sex Unknown/Blank	
<b>Ethnicity Both Aboriginal and Torres Strait Islander, Aboriginal but not Torres Strait Islander, or Torres Strait Islander but not Aboriginal</b>	OSR-CS3a-0010	OSR-CS3a-0024	OSR-CS3a-0038	<b>Age 0-4 years</b>
	OSR-CS3a-0011	OSR-CS3a-0025	OSR-CS3a-0039	<b>Age 5-9 years</b>
	OSR-CS3a-0012	OSR-CS3a-0026	OSR-CS3a-0040	<b>Age 10-14 years</b>
	OSR-CS3a-0013	OSR-CS3a-0027	OSR-CS3a-0041	<b>Age 15-19 years</b>
	OSR-CS3a-0014	OSR-CS3a-0028	OSR-CS3a-0042	<b>Age 20-24 years</b>
	OSR-CS3a-0015	OSR-CS3a-0029	OSR-CS3a-0043	<b>Age 25-29 years</b>
	OSR-CS3a-0016	OSR-CS3a-0030	OSR-CS3a-0044	<b>Age 30-34 years</b>
	OSR-CS3a-0017	OSR-CS3a-0031	OSR-CS3a-0045	<b>Age 35-39 years</b>
	OSR-CS3a-0018	OSR-CS3a-0032	OSR-CS3a-0046	<b>Age 40-44 years</b>
	OSR-CS3a-0019	OSR-CS3a-0033	OSR-CS3a-0047	<b>Age 45-49 years</b>
	OSR-CS3a-0020	OSR-CS3a-0034	OSR-CS3a-0048	<b>Age 50-54 years</b>

	OSR-CS3a-0021	OSR-CS3a-0035	OSR-CS3a-0049	Age 55-59 years
	OSR-CS3a-0022	OSR-CS3a-0036	OSR-CS3a-0050	Age 60-64 years
	OSR-CS3a-0023	OSR-CS3a-0037	OSR-CS3a-0051	Age 65+ years
<b>Ethnicity Not Both</b> <i>Aboriginal and Torres Strait Islander, Aboriginal but not Torres Strait Islander, or Torres Strait Islander but not Aboriginal</i>	OSR-CS3a-0052	OSR-CS3a-0066	OSR-CS3a-0080	Age 0-4 years
	OSR-CS3a-0053	OSR-CS3a-0067	OSR-CS3a-0081	Age 5-9 years
	OSR-CS3a-0054	OSR-CS3a-0068	OSR-CS3a-0082	Age 10-14 years
	OSR-CS3a-0055	OSR-CS3a-0069	OSR-CS3a-0083	Age 15-19 years
	OSR-CS3a-0056	OSR-CS3a-0070	OSR-CS3a-0084	Age 20-24 years
	OSR-CS3a-0057	OSR-CS3a-0071	OSR-CS3a-0085	Age 25-29 years
	OSR-CS3a-0058	OSR-CS3a-0072	OSR-CS3a-0086	Age 30-34 years
	OSR-CS3a-0059	OSR-CS3a-0073	OSR-CS3a-0087	Age 35-39 years
	OSR-CS3a-0060	OSR-CS3a-0074	OSR-CS3a-0088	Age 40-44 years
	OSR-CS3a-0061	OSR-CS3a-0075	OSR-CS3a-0089	Age 45-49 years
	OSR-CS3a-0062	OSR-CS3a-0076	OSR-CS3a-0090	Age 50-54 years
	OSR-CS3a-0063	OSR-CS3a-0077	OSR-CS3a-0091	Age 55-59 years
	OSR-CS3a-0064	OSR-CS3a-0078	OSR-CS3a-0092	Age 60-64 years
	OSR-CS3a-0065	OSR-CS3a-0079	OSR-CS3a-0093	Age 65+ years
<b>Ethnicity (blank) or Unknown</b>	OSR-CS3a-0094	OSR-CS3a-0108	OSR-CS3a-0122	Age 0-4 years
	OSR-CS3a-0095	OSR-CS3a-0109	OSR-CS3a-0123	Age 5-9 years
	OSR-CS3a-0096	OSR-CS3a-0110	OSR-CS3a-0124	Age 10-14 years
	OSR-CS3a-0097	OSR-CS3a-0111	OSR-CS3a-0125	Age 15-19 years
	OSR-CS3a-0098	OSR-CS3a-0112	OSR-CS3a-0126	Age 20-24 years
	OSR-CS3a-0099	OSR-CS3a-0113	OSR-CS3a-0127	Age 25-29 years
	OSR-CS3a-0100	OSR-CS3a-0114	OSR-CS3a-0128	Age 30-34 years
	OSR-CS3a-0101	OSR-CS3a-0115	OSR-CS3a-0129	Age 35-39 years
	OSR-CS3a-0102	OSR-CS3a-0116	OSR-CS3a-0130	Age 40-44 years
	OSR-CS3a-0103	OSR-CS3a-0117	OSR-CS3a-0131	Age 45-49 years
	OSR-CS3a-0104	OSR-CS3a-0118	OSR-CS3a-0132	Age 50-54 years
	OSR-CS3a-0105	OSR-CS3a-0119	OSR-CS3a-0133	Age 55-59 years
	OSR-CS3a-0106	OSR-CS3a-0120	OSR-CS3a-0134	Age 60-64 years
	OSR-CS3a-0107	OSR-CS3a-0121	OSR-CS3a-0135	Age 65+ years

## 4.27. OSR-CS4 –Clients with Services Provided

This measure records the number of clients who have had a given type of health check (MBS-rebatable vs non-MBS Rebatable within the reporting period.

*MBS Rebateable Indigenous Health Checks* are identified by a **Service** for the patient existing with *MBS Item 715* (the patient must also be aged 25 years or older), while *MBS Rebateable GP Chronic Disease Management Plans* are identified by a **Service** for the patient existing with *MBS Item 721*:

**Finalise visit**

Visit length: 0m 11s Account type: Direct Bill

MBS Item: 721 ☐ Default list  Search MBS

Description	Item No.	Fee	Rebate
GP management plan	721	144.25	144.25

Attendance by a medical practitioner (including a general practitioner, but not including a specialist or consultant physician), for preparation of a gp management plan for a patient (other than a service associated with a service to which any of items 735 to 758 apply)

Items to bill:

Description	Service text	Item No.	Fee	Rebate
Surgery consultation, Level A		3	16.95	16.95

Note to reception:

☐ Not normal aftercare  
☐ In hospital  
No. of patients: 1

Save Save & Close Cancel

Alternative *Indigenous Adult Health Checks* are identified through a **Reason for Visit** of *Check - Well Female, Check - Well Male, Check up - Well Female, Check up - Well Male, Check up, Health assessment, Routine check up, 45-49 yo health check, Health check, 45-49yo, Child health check, Health check, child, Adult health check, Health check, adult, Health check, over 75yr, Health check, indigenous over 55 yrs, Health check, indigenous 15-55 yrs, Health check, indigenous 0-7 yrs, Aged care assessment, or Healthy Kids check* for a visit that does not have a matching **MBS Item** recorded of 710.

Alternative *Chronic Disease Management Plans* are identified through a **Reason for Visit** of *Care plan preparation, Care plan review, Care planning, Review of care plan, Care plan preparation, Care plan, GP Management Plan, Diabetic care plan, Care plan, diabetic, Asthma care plan, Care plan, asthma, Mental health care plan, Care plan, mental health, Asthma action plan or Chronic disease management* for a visit that does not have a matching **MBS Item** recorded of 721.

The measure is disaggregated based on the following table:

	<b>Type MBS</b> <i>Rebateable Indigenous Adult Health Check</i>	<b>Type Alternative</b> <i>Indigenous Adult Health Check</i>	<b>Type MBS</b> <i>Rebateable GP Chronic Disease Management Plan</i>	<b>Type Alternative</b> <i>Chronic Disease Management Plan</i>
<b>Ethnicity</b> <i>Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander</i>	OSR-CS4-0001	OSR-CS4-0002	OSR-CS4-0003	OSR-CS4-0004
<b>Ethnicity not one of</b> <i>Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander, (blank) or Unknown</i>	OSR-CS4-0005	OSR-CS4-0006	OSR-CS4-0007	OSR-CS4-0008
<b>Ethnicity</b> <i>(blank) or Unknown</i>	OSR-CS4-0009	OSR-CS4-0010	OSR-CS4-0011	OSR-CS4-0012

## 4.28. OSR-MCH1 – Child Health Checks

This measure records the child health checks of a given type conducted within a period.

*MBS Rebateable Child Health Checks* are identified by a **Service** for the patient existing with *MBS Item 715* (the patient must also be aged 0 to 4 years). These are reported as OSR-MCH1-0001

**Finalise visit**

Visit length: 0m 11s Account type: Direct Bill

MBS Item: 715 ☐ Default list  Search MBS

Description	Item No.	Fee	Rebate
Aboriginal/Torres Strait Islander Health Assessment	715	212.25	212.25

Professional attendance by a medical practitioner (other than a specialist or consultant physician) at consulting rooms or in another place other than a hospital or residential aged care facility, for a health assessment of a patient who is of aboriginal or torres strait islander descent-not more than once in a 9 month period

Items to bill:

Description	Service text	Item No.	Fee	Rebate
Surgery consultation, Level A		3	16.95	16.95

Note to reception:

☐ Not normal aftercare  
☐ In hospital  
 No. of patients: 1

Save Save & Close Cancel

*Alternative ATSI child health checks* are identified by a **Reason for Visit** existing of *Health check, indigenous 0-7 yrs* or *Health check, indigenous 8-14 yrs* without a corresponding *MBS Item 715* or *10986* existing for the same visit. These are reported as OSR-MCH1-0002

**Reason for visit - Mr. Alan Abbott**

Search:

Reason for visit

- Health check, indigenous 0-7 yrs
- Health check, indigenous 15-55 yrs
- Health check, indigenous 8-14 yrs

Reason:

☐ Left ☐ Right ☐ Bilateral  
☐ Acute ☐ Chronic  
☐ Mild ☐ Moderate ☐ Severe

Fracture:

☐ Displaced ☐ Undisplaced  
☐ Compound ☐ Comminuted  
☐ Spiral ☐ Greenstick

Further details:

☐ Add to Past History  
☐ Active ☐ Inactive  
☐ Confidential ☐ Include in summaries  
☐ Add to diagnosis  
☐ Send to My Health Record

Visit type:

MBS Rebateable Child Health Checks are identified by a **Service** for the patient existing with MBS Item 10986. These are reported as OSR-MCH1-0003

**Finalise visit**

Visit length:  Account type:

MBS Item:  ☐ Default list

Description	Item No.	Fee	Rebate

Items to bill:

Description	Service text	Item No.	Fee	Rebate
Surgery consultation, Level A		3	16.95	16.95

Note to reception:

☐ Not normal aftercare  
☐ In hospital  
 No. of patients:

## 4.29. OSR-MCH2 – Antenatal Visits

This measure reports a number of counts based on patients' **antenatal visits** at the clinic. **Antenatal visits** are displayed in the **Obstetric History** section of the **Patient Clinical Record** for female clients:

The screenshot displays the Bp Premier software interface for a patient named Mrs. Fay Ellen Allen. The interface includes a menu bar (File, Open, Request, Clinical, View, Utilities, My Health Record, Help) and a toolbar with various icons. The patient's details are shown at the top, including Name, Address, Medicare No., Record No., D.O.B., Age, Sex, Phone, Mobile, and Work. Below this, there are sections for Allergies / Adverse Drug Reactions, Reactions, Notifications, and a list of antenatal visits. The antenatal visits section is expanded, showing a table with columns for Date, Weight, BP, Urine, Oedema, Calc. size, Clin. size, Fundus, FH, and Notes. The table contains one entry for 27/03/2018 with Weight 90, BP 80/120, Urine Nil, Calc. size 3, Clin. size 0, and Fundus 0.

Date	Weight	BP	Urine	Oedema	Calc. size	Clin. size	Fundus	FH	Notes
27/03/2018	90	80/120		Nil	3	0	0		

OSR-MCH2-0001 counts the number of *female* clients with an **ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander* who have at least one **Antenatal Visit** for the reporting period.

OSR-MCH2-0002 counts the total number of **Antenatal Visits** within the reporting period for *female* clients with an **ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*.

OSR-MCH2-0003 counts the number of *female* clients with an **ethnicity** not one of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander, (blank) or Unknown* who have at least one **Antenatal Visit** for the reporting period.

OSR-MCH2-0004 counts the total number of **Antenatal Visits** within the reporting period for *female* clients with an **ethnicity** not one of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander, (blank) or Unknown*.

OSR-MCH2-0005 counts the number of *female* clients with an **ethnicity** of *(blank) or Unknown* who have at least one **Antenatal Visit** for the reporting period.

OSR-MCH2-0006 counts the total number of **Antenatal Visits** within the reporting period for *female* clients with an **ethnicity** of *(blank) or Unknown*.

## 5. Health Provider Role Classification for Reporting

Mapping of health provider role classifications from reports to provider types in Bp Premier.

Role Classification for Reporting	Provider Type in Bp Premier
<b>General Staff</b>	
ATSI health worker	Aboriginal health worker
ATSI health practitioner	Aboriginal and Torres Strait Islander Health Practitioner
Doctor – general practitioner	Principal doctor Employee doctor Contract doctor Registrar
Nurse practitioner	Practice nurse Nurse practitioner Child and Maternal Nurse
Midwives	Midwife
Substance misuse / drug and alcohol worker	Drug and Alcohol Worker
Tobacco worker / co-ordinator	Tobacco Worker
Dentists / dental therapists	Dentist
Dental support (eg, dental assistant / dental technician)	Dental prosthetist
Sexual health worker	Sexual Health Worker
Traditional healer	Traditional Healer
Other health / clinical staff	Medical student
Transport – work for service	-
<b>Medical Specialists</b>	
Paediatrician	-
Endocrinologist	-
Ophthalmologist	-
Obstetrician / Gynecologists	-
Ear nose and throat specialist	-
Cardiologist	-
Renal medical specialist	-
Psychiatrist/psychiatric registrar	-
Dermatologist	-
Surgeon	-
Specialist other or not specified	-

Social and Emotional Wellbeing / Counsellors	
Psychologist	Psychologist
Counsellor	Counsellor
Social worker	Social worker
Welfare worker	Welfare Worker
SEWB staff – link up caseworker	-
SEWB staff other or not specified	SEWB Staff
Allied Health Professionals	
Audiologist/ audiometrist	Audiologist
Diabetes educator	Diabetes educator
Dietician	Dietitian
Optometrist	Optometrist
Pharmacist	Clinical pharmacist
Physiotherapist	Physiotherapist
Podiatrist	Podiatrist
Speech pathologist	Speech pathologist
Allied health other or not specified	Occupational therapist Exercise physiologist Radiographer Chiropractor Osteopath Massage therapist Orthoptist