

Summary of Measures

This document lists and provides a short description of all possible measures that can be collected as part of the APCC program.

CHD Measures

Title	Short Description
CHD Register	The number of people within the clinical database that are coded with a diagnosis matching the CHD definition
Blood Pressure	The percentage of people on the CHD Register whose blood pressure has been recorded within the previous 12 months AND whose last recorded blood pressure was less than or equal to 130/80 mm Hg
BP Recorded	The percentage of people on the CHD Register with a last recorded blood pressure within the previous 12 months
Anti-Platelet	The percentage of people on the CHD Register who are currently prescribed an Anti-Platelet Agent
Statin	The percentage of people on the CHD Register who are currently prescribed a Statin
Cholesterol/LDL	The percentage of people on the CHD Register whose total cholesterol or Low Density Lipid (LDL) result has been recorded within the previous 12 months AND where the last recorded result was less than or equal to 2.0 mmol/L for LDL OR WHERE LDL is not recorded, less than 4mmol/L for total cholesterol within previous 12 months.
Cholesterol Recorded	The percentage of people on the CHD Register with last recorded LDL or total cholesterol within the previous 12 months.
ACE/ARB	The percentage of people on the CHD Register who are currently prescribed an Angiotensin Converting Enzyme (ACE Inhibitor OR an Angiotensin Receptor Blocker (ARB)
Smoking Status	The percentage of people on the CHD Register whose recorded smoking status indicates they are: Non Smokers (i and ii) i) Never Smoked ii) Ex Smoker

Title	Short Description
	iii) Current Smoker iv) Not Recorded
Smoking Status Assessment	The percentage of people on the CHD Register whose recorded smoking status indicates they are a Current Smoker OR Ex Smoker AND who have had their smoking status assessed within the previous 12 months
MI/ACS	The percentage of people on the CHD Register who have had an Myocardial Infarction (MI) OR Acute Coronary Syndrome (ACS) recorded within the previous 12 months
CHD Death	The number of deaths that were recorded within the previous calendar month where the person had a diagnosis of CHD
CHD All	The percentage of people on the CHD Register who satisfy criteria and targets for ALL of the following CHD Measures: <ul style="list-style-type: none"> • Blood Pressure $\leq 130/80$ mm Hg within previous 12 months • Anti-Platelet Agent prescribed • LDL < 2.0 mmol/L OR WHERE LDL IS NOT RECORDED, Cholesterol < 4 mmol/L within previous 12 months • ACE/ARB prescribed
CHD ACR and eGFR	The percentage of people on the CHD Register who have had an estimated Glomerular Filtration Rate (eGFR) AND urinary ACR or other urinary Micro albumin test result within the previous 12 months

Diabetes Measures

Title	Short Description
Diabetes Register	The number of people within the clinical database that are coded with a diagnosis matching the Diabetes definition
HbA1c	The percentage of people on the Diabetes Register whose HbA1c has been recorded within the previous 12 months AND whose last recorded HbA1C result was: $\leq 7.0\%$ (i)

Title	Short Description
	ii) HbA1c >7% and <=8 %
	iii) HbA1c > 8% and <10%
	iv) HbA1c >= 10 %
	v) HbA1c not recorded
Cholesterol/LDL	The percentage of people on the Diabetes Register whose total cholesterol or Low Density Lipid (LDL) result has been recorded within the previous 12 months AND where the last recorded result was less than or equal to 2.0 mmol/L for LDL OR WHERE LDL is not recorded less than 4mmol/L for total cholesterol.
Cholesterol Recorded	The percentage of people on the Diabetes Register with last recorded LDL or total cholesterol within the previous 12 months.
Blood Pressure	The percentage of people on the Diabetes Register whose blood pressure has been recorded within the previous 12 months AND whose last recorded blood pressure was less than or equal to 130/80 mm Hg
BP Recorded	The percentage of people on the Diabetes Register with a last recorded blood pressure within the previous 12 months
Diabetes Key Measurables	<p>The percentage of people on the Diabetes Register who have ALL key measurables recorded within the required timeframe AND whose recordings are ALL within the recommended targets:</p> <ul style="list-style-type: none"> • HbA1c <= 7% within previous 12 months • LDL <2.0 mmol/L within previous 12 months OR WHERE LDL is not recorded a total Cholesterol < 4 mmol/L within previous 12 months <p>Blood pressure <= 130/80 mm Hg within previous 6 months</p> <ul style="list-style-type: none"> • An Estimated Glomerular Filtration Rate (eGFR) recorded within previous 12 months • An Albumin -Creatinine ratio (ACR) or other urinary Micro albumin test within previous 12 months • Recorded smoking status of Never Smoked or Ex Smoker
Diabetes Key Measurables Recorded	<p>The percentage of people on the Diabetes Register who have ALL key measurables recorded within the required timeframe:</p> <ul style="list-style-type: none"> • HbA1c recorded within previous 12 months • Total cholesterol recorded within previous 12 months • Blood pressure recorded within previous 6 months • An eGFR recorded within previous 12 months • An ACR OR other urinary Micro albumin test recorded within previous 12 months • Recorded smoking status

Title	Short Description
Diabetes Annual Cycle of Care	The percentage of annual cycle of care elements recorded for people on the Diabetes Register
ACR & eGFR	The percentage of people on the Diabetes Register who have had an Estimated Glomerular Filtration Rate (eGFR) within previous 12 months AND urinary ACR OR other urinary Micro albumin test result recorded within the previous 12 months
Influenza Vaccine	The percentage of people on the Diabetes Register who are recorded as receiving an Influenza vaccine within the previous 12 months
Pneumococcal Vaccine	The percentage of people on the Diabetes Register who are recorded as receiving a Pneumococcal vaccine
Waist Circumference	The percentage of people on the Diabetes Register with waist circumference less than or equal to the recommended circumference.
Waist Circumference Recorded	The percentage of people on the Diabetes Register who have had a waist circumference recorded.
BMI	The percentage of people on the Diabetes Register with a recorded BMI of less than or equal to 25
BMI recorded	The percentage of people on the Diabetes Register where the constituent elements of a BMI, or the BMI are recorded
Smoking Status	The percentage of people on the Diabetes Register whose recorded smoking status indicates they are: Non Smokers (i and ii)
	i) Never Smoked
	ii) Ex Smoker
	iii) Current Smoker
	iv) Not Recorded
Smoking Status Assessment	The percentage of people on the Diabetes Register whose smoking status is recorded as Current Smoker OR Ex Smoker AND who have had their smoking status assessed within the previous 12 months

COPD Measures

Title	Short Description
COPD Register	The number of people within the clinical database that are coded with a diagnosis matching the COPD definition
Smoking Status	The percentage of people on the COPD Register whose recorded smoking status indicates they are: Non Smokers (i and ii)
	i) Never Smoked
	ii) Ex Smoker
	iii) Current Smoker
Smoking Status Assessment	iv) Not Recorded
	The percentage of people on the COPD Register whose recorded smoking status indicates they are a Current Smoker OR Ex Smoker AND who have had their smoking status assessed within the previous 12 months
Screening	The percentage of people at risk of COPD who have had a Spirometry screen recorded within the previous 24 months
Spirometry	The percentage of people on the COPD Register with a recorded Spirometry screen at any time
Influenza Vaccine	The percentage of people on the COPD Register who are recorded as receiving an Influenza vaccine within the previous 12 months
Pneumococcal Vaccine	The percentage of people on the COPD Register who are recorded as receiving a Pneumococcal vaccine

Chronic Disease Prevention and Self Management Measures

Title	Short Description
Smoking Status	The percentage of people within the clinical database aged: a) Non-ATSI people aged ≥ 18 , OR b) ATSI peoples aged ≥ 15 on the clinical database whose recorded smoking status indicates they are: Non Smokers (i and ii) i) Never Smoked ii) Ex Smoker iii) Current Smoker iv) Not Recorded
Smoking Status Assessment	The percentage of people within the clinical database aged: a) Non-ATSI people aged ≥ 18 , OR b) ATSI peoples aged ≥ 15 on the clinical database whose recorded smoking status indicates they are a Current Smoker OR Ex Smoker AND who have had their smoking status assessed within the previous 12 months
Absolute Risk Assessment	The percentage of people within the clinical database that are aged greater than or equal to 45 years of age AND less than or equal to 74 years of age, OR are recorded as ATSI AND aged greater than or equal to 35 years of age AND less than or equal to 44 years of age, AND currently without a diagnosis CVD who have had an Absolute Risk Assessment
Diabetes Risk Assessment	The percentage of people within the clinical database aged: a) Non-ATSI people aged ≥ 40 , OR b) ATSI peoples aged ≥ 15 on the clinical database currently without a diagnosis of diabetes (not on the Diabetes Register), who have had a Diabetes Risk Assessment.
Modifiable Risk Factors – Prevention	The percentage of modifiable risk factors that meet, or are better than, their recommended target for people within the clinical database aged: a) Non-ATSI people aged ≥ 35 , OR b) ATSI peoples aged ≥ 15 without a specified chronic disease
Modifiable Risk Factors – Self Management	The percentage of modifiable risk factors that meet, or are better than, their recommended target for people within the clinical database aged: a) Non-ATSI people aged ≥ 35 , OR b) ATSI peoples aged ≥ 15

Title	Short Description
	with a specified chronic disease
Modifiable Risk Factors – Prevention – Recorded	The percentage of modifiable risk factors that have been recorded for people within the clinical database that are aged: a) Non-ATSI people aged ≥ 35 , OR b) ATSI peoples aged ≥ 15 without a specified chronic disease
Modifiable Risk Factors – Self Management – Recorded	The % of modifiable risk factors that have been recorded for people within the clinical database aged: The percentage of people aged: a) Non-ATSI people aged ≥ 35 , OR b) ATSI peoples aged ≥ 15 with a specified chronic disease
Waist Circumference	The percentage of people within the clinical database aged a) Non-ATSI people aged ≥ 18 , OR b) ATSI peoples aged ≥ 15) with waist circumference less than or equal to the recommended circumference.
Waist Circumference – recorded	The percentage of people within the clinical database aged: a) Non-ATSI people aged ≥ 18 , OR b) ATSI peoples aged ≥ 15 with waist circumference recorded.
Body Mass Index	The percentage of people within the clinical database aged: a) Non-ATSI people aged ≥ 18 , OR b) ATSI peoples aged ≥ 15 with a recorded BMI of less than or equal to 25.
Body Mass Index Recorded	The percentage of people within the clinical database aged: a) Non-ATSI people aged ≥ 18 , OR b) ATSI peoples aged ≥ 15 where the constituent elements of a BMI, or the BMI are recorded
GP Management Plans	The percentage of people within the defined chronic disease population with a GP Management Plan (includes any plan established over the last two years).
Patient Locus of Control	The average score of patient responses to questions within the UltraFeedback Patient Satisfaction Survey relating to Locus of Control.

Title	Short Description
Health Literacy	The average score of patient responses to questions within the UltraFeedback Patient Satisfaction Survey relating to Health Literacy.
Influenza Vaccine	The percentage of people within the clinical database aged: a) Non-ATSI people aged ≥ 18 , OR b) ATSI peoples aged ≥ 15 who are recorded as receiving an Influenza vaccine within the previous 12 months
Pneumococcal Vaccine	The percentage of people within the clinical database aged: a) Non-ATSI people aged ≥ 18 , OR b) ATSI peoples aged ≥ 15 who are recorded as receiving a Pneumococcal vaccine
ATSI Health Assessment Key Measurables	The percentage of key health assessment inputs recorded for ATSI peoples.
Pap Smear	The percentage of females on the clinical database who are aged between 20 and 69 AND who are recorded as having had a pap smear within the previous 24 months (unless excluded for clinical reasons)
Breast Screen	The percentage of females on the clinical database who are aged between 50 and 69 AND who are recorded as having had a breast screen within the previous 24 months
eGFR	The percentage of people within the clinical database aged: a) Non-ATSI people aged ≥ 18 , OR b) ATSI peoples aged ≥ 15 That have <ul style="list-style-type: none"> ▪ an eGFR recorded within the previous 12 months of equal to or greater than 45 AND less than 60 (CKD 3a) ▪ an eGFR recorded within the previous 12 months of equal to or greater than 30 AND less than 45 (CKD 3b) ▪ an eGFR recorded within the previous 12 months of equal to or greater than 15 AND less than 30 (CKD 4) ▪ an eGFR recorded within the previous 12 months of less than 15 (CKD 5)
eGFR – Recording Quality	The percentage of people within the clinical database aged: a) Non-ATSI people aged ≥ 18 , OR b) ATSI peoples aged ≥ 15 The percentage of people within the clinical database aged: a) Non-ATSI people aged ≥ 18 , OR

Title	Short Description
	<p>b) ATSI peoples aged ≥ 15</p> <p>with</p> <ul style="list-style-type: none"> i. An eGFR recorded within the previous 12 months of equal to or greater than 45 AND less than 60 (CKD 3a). ii. An eGFR recorded within the previous 12 months of equal to or greater than 30 AND less than 45 (CKD 3b). iii. An eGFR recorded within the previous 12 months of equal to or greater than 15 AND less than 30 (CKD 4). iv. An eGFR recorded within the previous 12 months of less than 15 (CKD 5) <p>Who meet the following criteria:</p> <ul style="list-style-type: none"> ▪ a urinary ACR OR other urinary Micro albumin test result recorded within the previous 12 months, AND ▪ a recorded diastolic blood pressure within the previous 12 months, AND ▪ a recorded systolic blood pressure within the previous 12 months.
eGFR Risk Profile	<p>The percentage of people within the clinical database aged:</p> <ul style="list-style-type: none"> a) Non-ATSI people aged ≥ 18, OR b) ATSI peoples aged ≥ 15 <p>with</p> <ul style="list-style-type: none"> i. an eGFR recorded within the previous 12 months of equal to or greater than 45 AND less than 60 (CKD 3a). ii. an eGFR recorded within the previous 12 months of equal to or greater than 30 AND less than 45 (CKD 3b). iii. an eGFR recorded within the previous 12 months of equal to or greater than 15 AND less than 30 (CKD 4). iv. an eGFR recorded within the previous 12 months of less than 15 (CKD 5) <p>Who meet the following criteria</p> <ul style="list-style-type: none"> • Have a urinary ACR OR other urinary Micro albumin test result recorded within the previous 12 months of 2.6 mg/mmol (male) or 3.6 mg/mmol (female) OR 24 hour urinary albumin >30 mg/day, AND • Have a recorded diastolic blood pressure within the previous 12 months of equal to or less than 80 mmHg, AND • Have a recorded systolic blood pressure within the previous 12 months of equal to or less than 130 mmHg.

Access and Care Re-design

Title	Short Description
Open Access	Is the health service using an 'Open Access' system? Select either a Yes or No check box
GP Third Available	The number of days until the GP 3 rd Available appointment. Include provision for two decimal places
Practice Nurse	Is there a practice nurse who takes appointments? Select either a Yes or No check box
Nurse Third Available	The number of days until the Practice nurse 3 rd available appointment. Include provision for two decimal places
Unmet Demand	The number of people whose appointment demands were unmet. Include provision for two decimal places
Patient Satisfaction	Average patient satisfaction score. Include provision for two decimal places
Active Patients	Total number of active patients in the health service

Access Measures for Closing the Gap

Title	Short Description
Active Aboriginal and Torres Strait Islander Patients	The number of active Aboriginal and Torres Strait Islander peoples seen at the health service
Active Aboriginal and Torres Strait Islander Health Assessments	Total number of Aboriginal and Torres Strait Islander Health Assessment claimed in the previous 12 months, expressed as a percentage of total Aboriginal and Torres Strait Islanders in the health service.

Health Service Profile Information

Title	Short Description
GP Full Time Equivalent	The number of full time equivalent GPs at the health service. Include provision for two decimal places
Practice Nurse Full Time Equivalent	The number of full time equivalent practice nurses employed at the health service. Include provision for two decimal places
Aboriginal Health Worker Full Time Equivalent	The number of full time equivalent Aboriginal Health Workers employed at the health service. Include provision for two decimal places
Allied Health Worker Full Time Equivalent	The number of full time equivalent Allied Health Workers employed at the health service. Include provision for two decimal places
Administration/Management Staff Full Time Equivalent	The number of full time equivalent Administration and Management staff employed at the health service. Include provision for two decimal places
Psychologist/Counsellor Full Time Equivalent	The number of full time equivalent Psychologists and Counsellors employed at the health service. Include provision for two decimal places
Staff with Cultural Awareness Training	The percentage of total health service staff who have had Aboriginal and Torres Strait Islander Cultural Awareness Training. This is defined as “Aboriginal and Torres Strait Islander Cultural Awareness means having knowledge and understanding of Aboriginal and Torres Strait Islander peoples’ histories, values, belief systems, experience and lifestyles.”
Registeres	<p>Does the health service have health service wide, systemised registers?</p> <p>Select either electronic or paper for these categories (using check boxes)</p> <ul style="list-style-type: none"> • CHD • Hypertension • COPD • Asthma • Diabetes • Diabetes Risk • Any Mental Health

Title	Short Description
	<ul style="list-style-type: none"> • Osteoporosis • Any Cancer • Other
Recall/Reminder Systems	<p>Does the health service have a health service wide, systemised recall/ reminder system?</p> <p>Select either electronic or paper for these categories (using check boxes)</p> <ul style="list-style-type: none"> • CHD • Hypertension • COPD • Asthma • Diabetes • Diabetes Risk • Any Mental Health • Osteoporosis • Any Cancer • Other